Mound Site
CERCLA

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OU-1 Annual Report
Pump and Treat, Air Sparge, and Soil Vapor Extraction
December 1998 through December 1999

Volume 2 of 2

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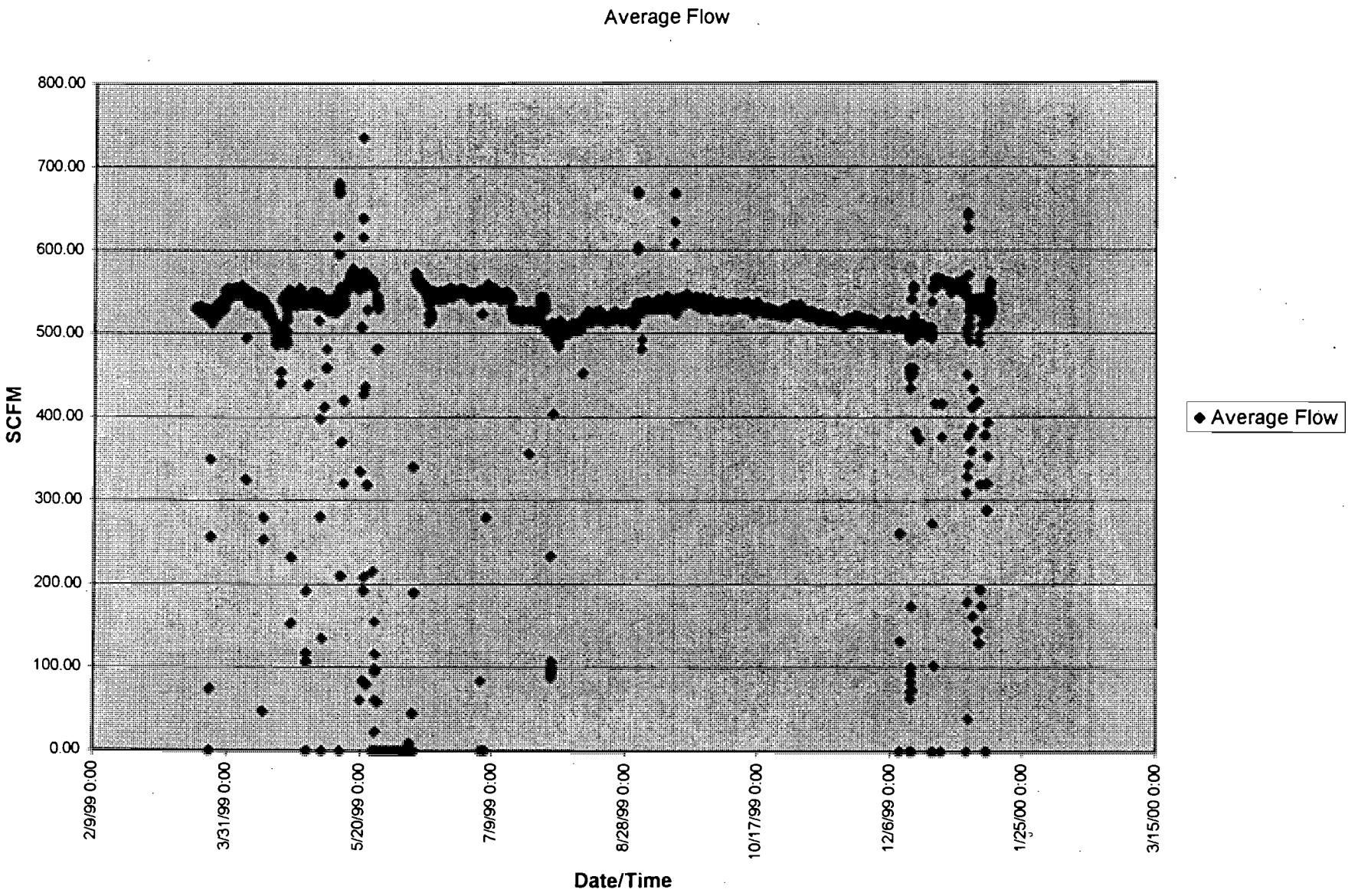
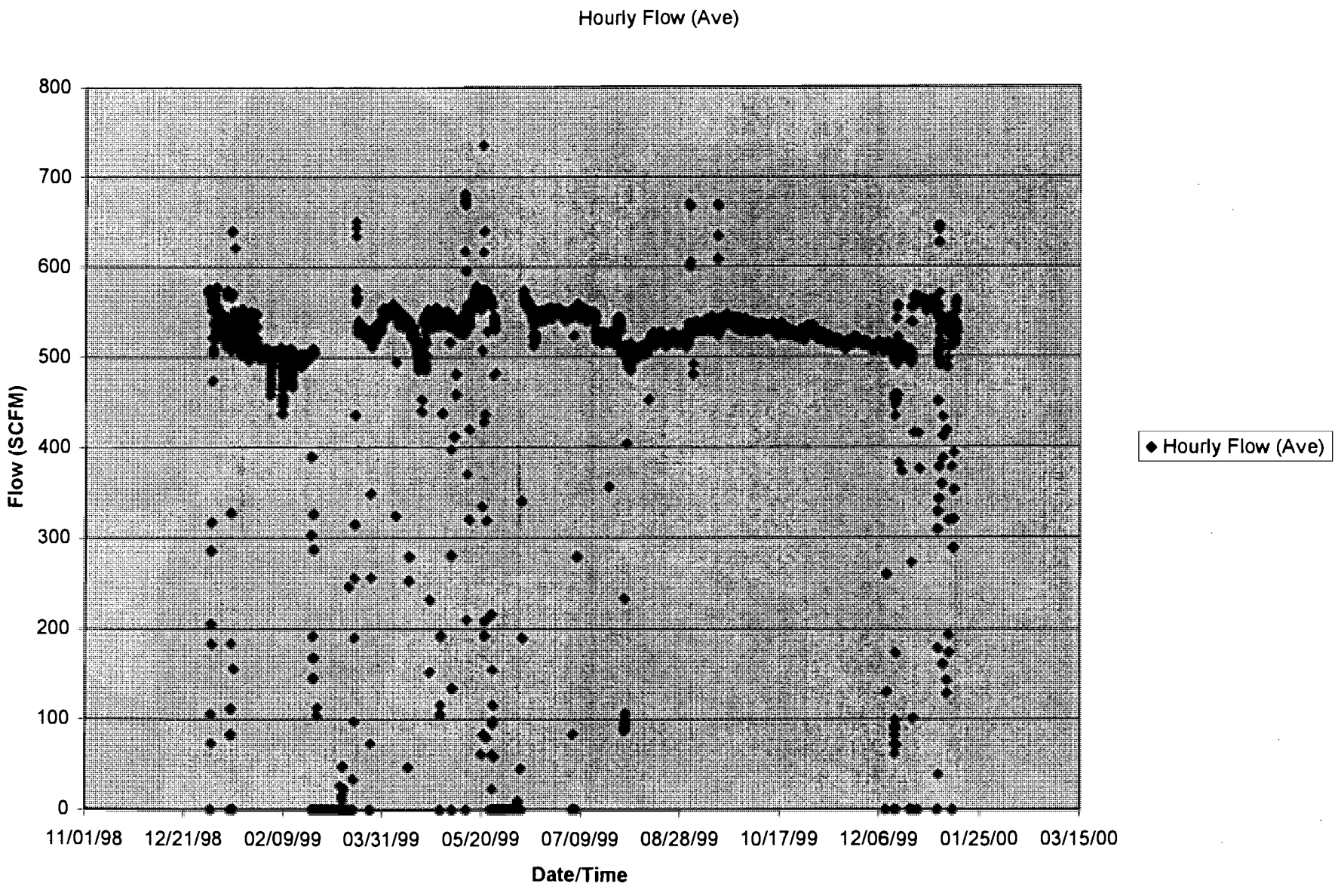
Attachment L

Building 301 Telog Instruments Recorder Results, Flow/Pressure/Temperature


Average Flow
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
SCFM
2/9/99 0:00
3/31/99 0:00
5/20/99 0:00
7/9/99 0:00
8/28/99 0:00
10/17/99 0:00
12/6/99 0:00
1/25/00 0:00
3/15/00 0:00
Date/Time
Average Flow


Hourly Flow (Ave)
800
700
600
500
400
300
200
100
0
Flow (SCFM)
11/01/98
12/21/98
02/09/99
03/31/99
05/20/99
07/09/99
08/28/99
10/17/99
12/06/99
01/25/00
03/15/00
Date/Time
Hourly Flow (Ave)

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/31/98 23:45	1024.13	30.24	0.932	76.05	168.88	571.63			
1/1/99 0:00	1024.00	30.24	0.929	76.05	168.88	570.68	571.26		
1/1/99 0:15	1024.13	30.24	0.931	76.57	169.82	571.84			
1/1/99 0:30	1024.38	30.25	0.931	75.79	168.41	570.94			
1/1/99 0:45	1024.50	30.25	0.929	75.52	167.94	570.33			
1/1/99 1:00	1024.38	30.25	0.932	75.00	167.00	570.70	570.34		
1/1/99 1:15	1024.38	30.25	0.929	74.22	165.59	569.29			
1/1/99 1:30	1024.75	30.26	0.936	73.43	164.16	570.44			
1/1/99 1:45	1024.88	30.26	0.938	75.79	168.41	572.92			
1/1/99 2:00	1025.00	30.27	0.936	75.26	167.47	572.06	572.03		
1/1/99 2:15	1025.38	30.28	0.936	76.05	168.88	572.41			
1/1/99 2:30	1025.63	30.29	0.936	75.79	168.41	572.31			
1/1/99 2:45	1025.63	30.29	0.938	75.26	167.47	572.28			
1/1/99 3:00	1025.75	30.29	0.936	73.96	165.12	570.59	572.07		
1/1/99 3:15	1025.88	30.29	0.937	75.52	167.94	572.24			
1/1/99 3:30	1026.13	30.30	0.939	75.52	167.94	572.93			
1/1/99 3:45	1026.00	30.30	0.936	75.52	167.94	571.81			
1/1/99 4:00	1026.13	30.30	0.938	76.05	168.88	572.78	572.46		
1/1/99 4:15	1026.25	30.31	0.938	75.52	167.94	572.50			
1/1/99 4:30	1026.38	30.31	0.938	75.52	167.94	572.28			
1/1/99 4:45	1026.38	30.31	0.934	75.52	167.94	571.34			
1/1/99 5:00	1026.63	30.32	0.936	74.48	166.06	570.96	572.28		
1/1/99 5:15	1026.75	30.32	0.940	76.57	169.82	573.80			
1/1/99 5:30	1027.13	30.33	0.941	75.52	167.94	573.02			
1/1/99 5:45	1027.25	30.33	0.940	75.79	168.41	573.02			
1/1/99 6:00	1027.50	30.34	0.942	75.26	167.47	573.10	573.23		
1/1/99 6:15	1028.00	30.36	0.945	75.26	167.47	573.90			
1/1/99 6:30	1028.13	30.36	0.942	75.52	167.94	573.14			
1/1/99 6:45	1028.38	30.37	0.943	74.74	166.53	572.79			
1/1/99 7:00	1028.75	30.38	0.944	75.52	167.94	573.72	573.29		
1/1/99 7:15	1029.25	30.39	0.945	75.52	167.94	573.76			
1/1/99 7:30	1029.38	30.40	0.946	74.48	166.06	573.05			
1/1/99 7:45	1029.63	30.40	0.949	75.52	167.94	574.78			
1/1/99 8:00	1029.75	30.41	0.948	75.00	167.00	573.95	574.03		
1/1/99 8:15	1029.88	30.41	0.949	75.00	167.00	574.49			
1/1/99 8:30	1030.00	30.42	0.948	75.00	167.00	573.88			
1/1/99 8:45	1030.00	30.42	0.947	74.74	166.53	573.49			
1/1/99 9:00	1030.13	30.42	0.947	75.28	167.47	573.88	573.54		
1/1/99 9:15	1030.38	30.43	0.948	75.26	167.47	574.18			
1/1/99 9:30	1030.75	30.44	0.945	74.22	165.59	572.27			
1/1/99 9:45	1030.75	30.44	0.946	75.26	167.47	573.31			
1/1/99 10:00	1030.75	30.44	0.949	73.96	165.12	573.18	573.03		
1/1/99 10:15	1030.88	30.44	0.946	72.13	161.83	570.88			
1/1/99 10:30	1031.13	30.45	0.953	75.52	167.94	575.51			
1/1/99 10:45	1031.25	30.45	0.945	75.52	167.94	573.21			
1/1/99 11:00	1030.88	30.44	0.943	73.96	165.12	571.27	572.26		
1/1/99 11:15	1031.00	30.45	0.936	75.79	168.41	570.82			
1/1/99 11:30	1031.13	30.45	0.938	74.74	166.53	570.50			
1/1/99 11:45	1031.25	30.45	0.938	75.26	167.47	570.90			
1/1/99 12:00	1031.00	30.45	0.936	76.31	169.35	571.06	570.35		
1/1/99 12:15	1030.63	30.43	0.936	76.05	168.88	570.95			
1/1/99 12:30	1030.63	30.43	0.936	72.65	162.77	568.35			
1/1/99 12:45	1030.63	30.43	0.937	75.00	167.00	570.49			
1/1/99 13:00	1030.50	30.43	0.941	76.05	168.88	572.51	571.16		
1/1/99 13:15	1030.50	30.43	0.941	75.52	167.94	572.08			
1/1/99 13:30	1030.13	30.42	0.941	75.52	167.94	572.37			
1/1/99 13:45	1029.88	30.41	0.938	74.74	166.53	570.85			
1/1/99 14:00	1029.88	30.41	0.941	74.48	166.06	571.40	571.93		
1/1/99 14:15	1030.00	30.42	0.942	75.26	167.47	572.40			
1/1/99 14:30	1029.88	30.41	0.943	75.26	167.47	572.62			
1/1/99 14:45	1029.83	30.40	0.941	75.00	167.00	571.89			
1/1/99 15:00	1029.63	30.40	0.942	76.05	168.88	573.15	572.43		
1/1/99 15:15	1029.75	30.41	0.945	76.05	168.88	574.05			
1/1/99 15:30	1029.88	30.41	0.938	74.48	166.06	570.45			
1/1/99 15:45	1030.13	30.42	0.943	75.79	168.41	572.98			
1/1/99 16:00	1030.13	30.42	0.942	76.05	168.88	573.01	571.75		
1/1/99 16:15	1030.13	30.42	0.941	75.26	167.47	571.97			
1/1/99 16:30	1030.13	30.42	0.938	74.22	165.59	570.35			
1/1/99 16:45	1029.88	30.41	0.940	75.26	167.47	571.86			
1/1/99 17:00	1029.88	30.41	0.945	76.31	169.35	574.23	572.17		
1/1/99 17:15	1030.00	30.42	0.939	75.52	167.94	571.85			
1/1/99 17:30	1030.00	30.42	0.943	75.00	167.00	572.55			
1/1/99 17:45	1030.00	30.42	0.939	75.00	167.00	571.43			
1/1/99 18:00	1030.00	30.42	0.944	75.00	167.00	572.73	570.95		
1/1/99 18:15	1030.13	30.42	0.938	72.13	161.83	568.06			
1/1/99 18:30	1030.13	30.42	0.943	72.13	161.83	569.97			
1/1/99 18:45	1030.00	30.42	0.946	76.57	169.82	574.60			
1/1/99 19:00	1029.75	30.41	0.942	75.52	167.94	572.68	572.39		
1/1/99 19:15	1029.75	30.41	0.945	75.52	167.94	573.63			
1/1/99 19:30	1029.75	30.41	0.939	74.48	166.06	571.07			
1/1/99 19:45	1029.88	30.41	0.941	75.00	167.00	572.01			
1/1/99 20:00	1030.00	30.42	0.941	74.22	165.59	571.33	572.44		
1/1/99 20:15	1029.75	30.41	0.946	75.28	167.47	573.59			
1/1/99 20:30	1029.88	30.41	0.946	76.05	168.88	574.20			
1/1/99 20:45	1029.63	30.40	0.941	76.05	168.88	572.93			
1/1/99 21:00	1029.50	30.40	0.943	75.79	168.41	573.33	573.46		
1/1/99 21:15	1029.50	30.40	0.948	75.79	168.41	574.09			
1/1/99 21:30	1029.38	30.40	0.941	76.05	168.88	572.82			
1/1/99 21:45	1029.25	30.39	0.945	76.05	168.88	574.19			
1/1/99 22:00	1029.00	30.39	0.939	75.79	168.41	572.13	572.52		
1/1/99 22:15	1028.88	30.38	0.938	75.79	168.41	571.80			
1/1/99 22:30	1028.50	30.37	0.938	75.26	167.47	571.66			
1/1/99 22:45	1028.25	30.36	0.938	76.05	168.88	572.19			
1/1/99 23:00	1028.00	30.36	0.937	76.31	169.35	572.29	571.91		
1/1/99 23:15	1027.75	30.35	0.936	75.26	167.47	571.29			
1/1/99 23:30	1027.25	30.33	0.936	76.31	169.35	572.10			
1/1/99 23:45	1026.50	30.31	0.933	76.05	168.88	571.33			
1/2/99 0:00		0.00			32.00	571.15	571.41		
1/2/99 0:15	1026.75	30.32	0.933	75.79	168.41	571.05			
1/2/99 0:25	1027.25	30.33	0.936	76.31	169.35	572.10			
1/2/99 0:40	1027.38	30.34	0.936	76.31	169.35	572.07	572.03		
1/2/99 0:55	1027.50	30.34	0.936	76.31	169.35	572.21			
1/2/99 1:10	1027.25	30.33	0.934	76.31	169.35	571.73			
1/2/99 1:25	1027.00	30.33	0.934	75.79	168.41	571.18			
1/2/99 1:40	1026.83	30.32	0.930	75.26	167.47	569.71	570.62		
1/2/99 1:55	1026.13	30.30	0.930	76.31	169.35	570.70			
1/2/99 2:10	1025.75	30.29	0.931	76.05	168.88	570.77			
1/2/99 2:25	1025.50	30.26	0.929	75.26	167.47	569.83			
1/2/99 2:40	1025.25	30.26	0.924	73.17	163.71	566.66	569.96		
1/2/99 2:55	1024.38	30.25	0.931	76.83	170.29	571.98			
1/2/99 3:10	1024.50	30.25	0.927	76.83	170.29	570.62			
1/2/99 3:25	1024.00	30.24	0.924	74.48	166.06	568.08			
1/2/99 3:40	1023.50	30.22	0.926	75.00	167.00	569.01	569.56		
1/2/99 3:55	1023.13	30.21	0.923	76.57	169.82	569.44			
1/2/99 4:10	1023.00	30.21	0.925	77.09	170.76	570.87			
1/2/99 4:25	1023.25	30.22	0.923	76.05	168.88	568.98			
1/2/99 4:40	1022.88	30.21	0.924	76.31	169.35	569.87	569.54		
1/2/99 4:55	1022.13	30.18	0.919	76.83	170.29	568.75			
1/2/99 5:10	1021.88	30.18	0.921	77.09	170.76	569.62			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/2/99 5:25	1022.00	30.18	0.917	75.79	168.41	567.38			
1/2/99 5:40	1021.88	30.18	0.921	76.83	170.29	569.60	568.91		
1/2/99 5:55	1021.63	30.17	0.920	76.57	169.82	569.06			
1/2/99 6:10	1021.25	30.16	0.918	77.09	170.76	568.84			
1/2/99 6:25	1020.75	30.14	0.918	76.05	168.88	568.13			
1/2/99 6:40	1020.75	30.14	0.920	77.09	170.76	569.75	568.72		
1/2/99 6:55	1020.50	30.14	0.917	76.05	168.88	568.01			
1/2/99 7:10	1020.13	30.12	0.919	76.31	169.35	568.89			
1/2/99 7:25	1020.00	30.12	0.919	77.09	170.76	569.56			
1/2/99 7:40	1020.00	30.12	0.918	76.83	170.29	568.97	569.19		
1/2/99 7:55	1019.88	30.12	0.918	76.31	169.35	568.77			
1/2/99 8:10	1020.00	30.12	0.920	76.83	170.29	569.75			
1/2/99 8:25	1019.00	30.09	0.917	76.83	170.29	569.07			
1/2/99 8:40	1017.88	30.06	0.915	76.57	169.82	568.58	569.05		
1/2/99 8:55	1017.50	30.05	0.916	76.83	170.29	569.08			
1/2/99 9:10	1017.25	30.04	0.914	76.83	170.29	568.78			
1/2/99 9:25	1016.50	30.02	0.913	77.35	171.24	568.82			
1/2/99 9:40	1016.00	30.00	0.910	77.09	170.76	567.97	568.42		
1/2/99 9:55	1015.75	30.00	0.909	77.35	171.24	568.06			
1/2/99 10:10	1015.63	29.99	0.911	77.09	170.76	568.45			
1/2/99 10:25	1015.75	30.00	0.911	76.57	169.82	567.80			
1/2/99 10:40	1015.25	29.98	0.910	76.83	170.29	567.97	567.01		
1/2/99 10:55	1014.75	29.97	0.909	75.26	167.47	566.65			
1/2/99 11:10	1014.00	29.94	0.906	73.43	164.18	564.19			
1/2/99 11:25	1013.25	29.92	0.907	77.61	171.71	568.19			
1/2/99 11:40	1012.63	29.90	0.909	77.09	170.76	568.51	567.45		
1/2/99 11:55	1012.13	29.89	0.905	77.35	171.24	567.70			
1/2/99 12:10	1011.38	29.87	0.908	77.09	170.76	568.67			
1/2/99 12:25	1010.50	29.84	0.903	76.57	169.82	566.74			
1/2/99 12:40	1009.50	29.81	0.903	76.57	169.82	567.21	566.25		
1/2/99 12:55	1008.75	29.79	0.898	74.48	166.06	564.15			
1/2/99 13:10	1008.25	29.77	0.900	73.96	165.12	564.47			
1/2/99 13:25	1007.63	29.76	0.899	73.69	164.65	564.02			
1/2/99 13:40	1006.88	29.73	0.894	73.69	164.65	562.88	562.97		
1/2/99 13:55	1006.00	29.71	0.888	74.22	165.59	561.37			
1/2/99 14:10	1005.50	29.69	0.889	74.22	165.59	562.11			
1/2/99 14:25	1005.00	29.68	0.889	74.48	166.06	562.46			
1/2/99 14:40	1005.38	29.69	0.884	75.26	167.47	561.40	561.95		
1/2/99 14:55	1005.88	29.70	0.886	75.79	168.41	562.26			
1/2/99 15:10	1005.75	29.70	0.883	76.05	168.88	561.52			
1/2/99 15:25	1005.50	29.69	0.883	75.52	167.94	561.17			
1/2/99 15:40	1005.50	29.69	0.879	75.52	167.94	559.99	560.83		
1/2/99 15:55	1005.25	29.69	0.882	75.52	167.94	560.86			
1/2/99 16:10	1005.25	29.69	0.881	75.52	167.94	560.63			
1/2/99 16:25	1005.13	29.68	0.876	75.79	168.41	559.28			
1/2/99 16:40	1005.00	29.68	0.871	76.05	168.88	557.93	559.27		
1/2/99 16:55	1004.88	29.67	0.873	76.31	169.35	558.59			
1/2/99 17:10	1004.38	29.66	0.876	76.31	169.35	559.91			
1/2/99 17:25	1004.00	29.65	0.871	76.57	169.82	558.43			
1/2/99 17:40	1003.50	29.63	0.870	76.57	169.82	558.38	559.19		
1/2/99 17:55	1003.50	29.63	0.873	76.57	169.82	559.18			
1/2/99 18:10	1003.25	29.63	0.874	76.83	170.29	560.07			
1/2/99 18:25	1002.88	29.61	0.874	77.09	170.76	560.16			
1/2/99 18:40	1002.50	29.60	0.870	77.35	171.24	559.28	559.32		
1/2/99 18:55	1001.88	29.59	0.865	77.61	171.71	558.05			
1/2/99 19:10	1001.38	29.57	0.867	77.88	172.18	559.01			
1/2/99 19:25	1000.88	29.56	0.866	78.14	172.65	559.14			
1/2/99 19:40	1000.75	29.55	0.869	78.14	172.65	559.98	559.98		
1/2/99 19:55	1000.50	29.54	0.870	78.14	172.65	560.47			
1/2/99 20:10	1000.38	29.54	0.873	77.88	172.18	561.29			
1/2/99 20:25	1000.13	29.53	0.876	78.14	172.65	562.57			
1/2/99 20:40	999.75	29.52	0.878	78.40	173.12	563.30	562.87		
1/2/99 20:55	999.75	29.52	0.878	78.66	173.59	563.70			
1/2/99 21:10	999.75	29.52	0.878	78.66	173.59	563.51			
1/2/99 21:25	1000.00	29.53	0.874	78.66	173.59	562.44			
1/2/99 21:40	1000.38	29.54	0.876	78.66	173.59	562.91	563.50		
1/2/99 21:55	1000.13	29.53	0.881	78.66	173.59	564.59			
1/2/99 22:10	1000.00	29.53	0.879	78.66	173.59	564.05			
1/2/99 22:25	1000.63	29.55	0.885	78.66	173.59	565.66			
1/2/99 22:40	1001.00	29.56	0.880	78.66	173.59	563.96	564.37		
1/2/99 22:55	1001.38	29.57	0.884	78.40	173.12	564.83			
1/2/99 23:10	1001.63	29.58	0.881	77.88	172.18	563.34			
1/2/99 23:25	1002.00	29.59	0.880	77.61	171.71	562.84			
1/2/99 23:40	1002.13	29.59	0.878	77.35	171.24	561.79	560.78		
1/2/99 23:55	1002.38	29.60	0.866	77.61	171.71	558.30			
1/3/99 0:10	1002.75	29.61	0.865	77.35	171.24	557.60			
1/3/99 0:25	1002.88	29.61	0.863	77.09	170.76	556.56			
1/3/99 0:40	1003.25	29.63	0.861	76.83	170.29	555.63	551.20		
1/3/99 0:55	1003.50	29.63	0.859	76.57	169.82	554.97			
1/3/99 1:10	1003.75	29.64	0.791	75.26	167.47	531.23			
1/3/99 1:25	1004.00	29.65	0.000	56.45	133.61	0.00			
1/3/99 1:40	1004.38	29.66	0.000	47.30	117.15	0.00	106.25		
1/3/99 1:55	1004.88	29.67	0.000	39.99	103.98	0.00			
1/3/99 2:10	1005.38	29.69	0.000	34.50	94.10	0.00			
1/3/99 2:25	1005.88	29.70	0.000	30.58	87.05	0.00			
1/3/99 2:40	1006.13	29.71	0.531	34.50	94.10	408.71	285.44		
1/3/99 2:55	1006.38	29.72	0.717	60.89	141.60	494.68			
1/3/99 3:10	1006.63	29.73	0.774	73.69	164.65	523.82			
1/3/99 3:25	1006.75	29.73	0.773	73.96	165.12	523.55			
1/3/99 3:40	1007.13	29.74	0.710	85.19	185.35	509.88	521.41		
1/3/99 3:55	1007.25	29.74	0.601	76.31	169.35	534.65			
1/3/99 4:10	1007.25	29.74	0.739	78.66	173.59	515.34			
1/3/99 4:25	1007.13	29.74	0.706	65.98	166.76	508.87			
1/3/99 4:40	1007.38	29.75	0.000	59.85	139.72	0.00	204.84		
1/3/99 4:55	1007.63	29.76	0.000	52.53	126.55	0.00			
1/3/99 5:10	1007.75	29.76	0.000	44.43	111.97	0.00			
1/3/99 5:25	1008.00	29.77	0.000	37.90	100.22	0.00			
1/3/99 5:40	1008.13	29.77	0.000	32.93	91.28	0.00	0.00		
1/3/99 5:55	1008.25	29.77	0.000	29.27	84.69	0.00			
1/3/99 6:10	1008.38	29.78	0.000	26.40	79.52	0.00			
1/3/99 6:25	1008.63	29.76	0.000	24.05	75.29	0.00			
1/3/99 6:40	1008.88	29.79	0.000	21.96	71.53	0.00	0.00		
1/3/99 6:55	1009.13	29.80	0.000	20.39	68.70	0.00			
1/3/99 7:10	1009.38	29.81	0.000	18.82	65.88	0.00			
1/3/99 7:25	1009.75	29.82	0.000	17.52	63.53	0.00			
1/3/99 7:40	1010.00	29.83	0.764	52.27	126.08	503.27	316.39		
1/3/99 7:55	1010.13	29.83	0.883	77.09	170.76	561.14			
1/3/99 8:10	1010.25	29.83	0.721	91.72	197.10	517.55			
1/3/99 8:25	1010.63	29.84	0.437	81.53	176.76	397.08			
1/3/99 8:40	1010.88	29.85	0.000	62.46	144.43	0.00	182.93		
1/3/99 8:55	1011.13	29.86	0.000	52.53	126.55	0.00			
1/3/99 9:10	1011.50	29.87	0.000	44.43	111.97	0.00			
1/3/99 9:25	1011.75	29.88	0.000	38.16	100.69	0.00			
1/3/99 9:40	1011.88	29.88	0.000	33.46	92.22	0.00	73.11		
1/3/99 9:55	1012.13	29.89	0.000	29.80	85.64	0.00			
1/3/99 10:10	1012.25	29.89	0.408	49.13	120.44	365.54			
1/3/99 10:25	1012.38	29.90	0.692	82.58	180.64	500.01			
1/3/99 10:40	1012.63	29.90	0.667	94.60	202.28	499.05	473.66		
1/3/99 10:55	1012.75	29.91	0.673	95.36	203.69	501.64			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/3/99 11:10	1012.88	29.91	0.676	94.34	201.81	502.05			
1/3/99 11:25	1013.00	29.91	0.679	92.77	198.98	502.10			
1/3/99 11:40	1013.00	29.91	0.679	94.08	201.34	502.99	504.03		
1/3/99 11:55	1013.00	29.91	0.687	94.80	202.28	506.38			
1/3/99 12:10	1013.00	29.91	0.690	93.29	199.93	506.62			
1/3/99 12:25	1013.00	29.91	0.687	93.55	200.40	505.66			
1/3/99 12:40	1013.00	29.91	0.691	93.03	199.45	506.88	504.87		
1/3/99 12:55	1013.00	29.91	0.681	93.81	200.87	503.52			
1/3/99 13:10	1013.00	29.91	0.679	91.72	197.10	501.64			
1/3/99 13:25	1012.88	29.91	0.683	95.12	203.22	505.37			
1/3/99 13:40	1013.00	29.91	0.686	93.81	200.87	505.59	504.43		
1/3/99 13:55	1013.13	29.92	0.684	91.72	197.10	503.45			
1/3/99 14:10	1013.13	29.92	0.689	93.29	199.93	506.11			
1/3/99 14:25	1013.13	29.92	0.689	93.81	200.87	506.48			
1/3/99 14:40	1013.38	29.92	0.691	94.08	201.34	507.51	507.25		
1/3/99 14:55	1013.75	29.94	0.693	93.29	199.93	507.35			
1/3/99 15:10	1013.88	29.94	0.698	92.77	198.98	508.79			
1/3/99 15:25	1014.13	29.95	0.690	93.03	199.45	506.16			
1/3/99 15:40	1014.38	29.95	0.679	94.86	202.75	503.45	504.85		
1/3/99 15:55	1014.50	29.96	0.678	95.12	203.22	503.11			
1/3/99 16:10	1014.86	29.97	0.677	95.38	203.69	502.75			
1/3/99 16:25	1015.13	29.98	0.680	94.80	202.28	503.31			
1/3/99 16:40	1015.13	29.98	0.685	95.12	203.22	505.51	504.07		
1/3/99 16:55	1015.38	29.98	0.683	95.12	203.22	504.75			
1/3/99 17:10	1015.50	29.99	0.681	95.12	203.22	504.02			
1/3/99 17:25	1015.63	29.99	0.678	95.38	203.69	502.31			
1/3/99 17:40	1015.75	30.00	0.699	94.80	202.28	510.02	508.63		
1/3/99 17:55	1015.88	30.00	0.694	93.55	200.40	507.70			
1/3/99 18:10	1016.13	30.01	0.697	94.34	201.81	509.09			
1/3/99 18:25	1016.25	30.01	0.706	91.72	197.10	510.40			
1/3/99 18:40	1016.25	30.01	0.704	91.72	197.10	509.72	509.82		
1/3/99 18:55	1016.63	30.02	0.704	91.99	197.57	510.06			
1/3/99 19:10	1016.75	30.02	0.704	91.72	197.10	509.84			
1/3/99 19:25	1016.88	30.03	0.691	92.77	198.98	505.52			
1/3/99 19:40	1017.00	30.03	0.787	89.63	193.34	537.26	535.95		
1/3/99 19:55	1017.25	30.04	0.892	78.92	174.06	563.41			
1/3/99 20:10	1017.25	30.04	0.898	77.09	170.78	563.71			
1/3/99 20:25	1017.38	30.04	0.914	76.31	169.35	568.32			
1/3/99 20:40	1017.50	30.05	0.906	78.14	172.65	567.21	566.21		
1/3/99 20:55	1017.63	30.05	0.909	76.57	169.82	568.69			
1/3/99 21:10	1017.63	30.05	0.904	76.57	169.82	565.13			
1/3/99 21:25	1017.75	30.05	0.913	76.57	169.82	567.84			
1/3/99 21:40	1017.88	30.06	0.914	77.09	170.76	568.82	567.25		
1/3/99 21:55	1017.88	30.06	0.911	77.09	170.76	567.82			
1/3/99 22:10	1018.00	30.06	0.906	77.88	172.18	566.67			
1/3/99 22:25	1018.13	30.07	0.907	76.57	169.82	565.99			
1/3/99 22:40	1018.13	30.07	0.913	76.57	169.82	567.92	565.85		
1/3/99 22:55	1018.13	30.07	0.909	78.05	168.88	566.34			
1/3/99 23:10	1018.25	30.07	0.906	72.39	162.30	562.34			
1/3/99 23:25	1018.50	30.08	0.909	70.56	159.01	561.56			
1/3/99 23:40	1018.83	30.08	0.906	70.30	158.54	560.35	561.02		
1/3/99 23:55	1018.75	30.08	0.906	69.51	157.13	559.86			
1/4/99 0:10	1018.75	30.08	0.912	68.73	155.71	560.98			
1/4/99 0:25	1019.00	30.09	0.909	68.47	155.24	559.93			
1/4/99 0:40	1019.00	30.09	0.910	68.47	155.24	560.11	560.48		
1/4/99 0:55	1019.00	30.09	0.911	68.21	154.77	560.08			
1/4/99 1:10	1019.13	30.09	0.915	67.95	154.30	561.19			
1/4/99 1:25	1019.25	30.10	0.914	67.89	153.83	560.54			
1/4/99 1:40	1019.38	30.10	0.909	67.69	153.83	559.18	560.43		
1/4/99 1:55	1019.50	30.11	0.918	67.69	153.83	561.24			
1/4/99 2:10	1019.75	30.11	0.913	67.69	153.83	560.03			
1/4/99 2:25	1020.00	30.12	0.920	67.42	153.36	562.04			
1/4/99 2:40	1020.38	30.13	0.914	68.73	155.71	561.09	565.05		
1/4/99 2:55	1020.63	30.14	0.923	75.79	168.41	569.68			
1/4/99 3:10	1020.88	30.15	0.922	79.70	175.47	572.43			
1/4/99 3:25	1021.25	30.16	0.907	78.66	173.59	566.81			
1/4/99 3:40	1021.50	30.16	0.912	78.14	172.65	567.88	568.55		
1/4/99 3:55	1021.63	30.17	0.913	76.57	169.82	568.95			
1/4/99 4:10	1021.63	30.17	0.918	76.83	170.29	568.71			
1/4/99 4:25	1021.63	30.17	0.915	77.35	171.24	568.17			
1/4/99 4:40	1021.88	30.18	0.910	78.31	189.35	565.70	567.08		
1/4/99 4:55	1021.88	30.18	0.908	77.61	171.71	566.17			
1/4/99 5:10	1021.88	30.18	0.914	75.79	168.41	566.64			
1/4/99 5:25	1022.13	30.18	0.915	76.05	168.88	566.97			
1/4/99 5:40	1022.38	30.19	0.913	77.09	170.76	566.97	567.37		
1/4/99 5:55	1022.63	30.20	0.915	77.81	171.71	568.10			
1/4/99 6:10	1022.88	30.21	0.918	76.83	170.29	568.17			
1/4/99 6:25	1023.13	30.21	0.921	76.83	170.29	569.25			
1/4/99 6:40	1023.38	30.22	0.916	76.83	170.29	567.83	566.35		
1/4/99 6:55	1023.50	30.22	0.902	77.81	171.71	563.78			
1/4/99 7:10	1023.63	30.23	0.902	76.57	169.82	562.91			
1/4/99 7:25	1023.88	30.23	0.899	77.09	170.76	562.26			
1/4/99 7:40	1023.88	30.23	0.894	78.40	173.12	561.96	563.89		
1/4/99 7:55	1024.13	30.24	0.906	77.88	172.18	565.57			
1/4/99 8:10	1024.50	30.25	0.913	77.35	171.24	566.78			
1/4/99 8:25	1024.63	30.26	0.896	78.14	172.85	562.51			
1/4/99 8:40	1024.75	30.26	0.897	77.35	171.24	561.66	549.96		
1/4/99 8:55	1024.88	30.26	0.777	85.71	186.29	528.90			
1/4/99 9:10	1025.00	30.27	0.781	85.45	185.82	529.94			
1/4/99 9:25	1025.38	30.28	0.839	83.38	182.05	547.83			
1/4/99 9:40	1025.50	30.28	0.862	80.49	176.88	552.85	539.60		
1/4/99 9:55	1025.63	30.29	0.793	84.93	184.87	533.41			
1/4/99 10:10	1025.75	30.29	0.794	85.19	185.35	533.98			
1/4/99 10:25	1025.88	30.29	0.799	83.10	181.58	534.06			
1/4/99 10:40	1026.00	30.30	0.802	83.89	182.99	535.68	535.61		
1/4/99 10:55	1026.25	30.31	0.805	84.93	184.87	537.44			
1/4/99 11:10	1026.25	30.31	0.808	82.84	181.11	536.90			
1/4/99 11:25	1026.25	30.31	0.794	84.93	184.87	533.65			
1/4/99 11:40	1026.25	30.31	0.809	84.87	184.40	536.71	537.49		
1/4/99 11:55	1026.13	30.30	0.811	83.89	182.99	538.75			
1/4/99 12:10	1025.88	30.29	0.814	83.62	182.52	539.45			
1/4/99 12:25	1025.88	30.29	0.823	82.84	181.11	541.76			
1/4/99 12:40	1025.88	30.29	0.804	83.62	182.52	536.35	539.04		
1/4/99 12:55	1026.00	30.30	0.812	82.84	181.11	538.22			
1/4/99 13:10	1026.13	30.30	0.816	82.84	181.11	539.42			
1/4/99 13:25	1026.13	30.30	0.801	84.87	184.40	535.80			
1/4/99 13:40	1026.00	30.30	0.811	84.15	183.46	538.98	538.03		
1/4/99 13:55	1026.00	30.30	0.816	82.58	180.64	540.08			
1/4/99 14:10	1026.00	30.30	0.803	83.89	182.99	535.86			
1/4/99 14:25	1025.88	30.29	0.819	82.84	181.11	540.74			
1/4/99 14:40	1026.00	30.30	0.804	84.15	183.46	536.48	538.87		
1/4/99 14:55	1026.00	30.30	0.816	84.15	183.46	540.84			
1/4/99 15:10	1026.25	30.31	0.819	82.84	181.11	540.84			
1/4/99 15:25	1026.25	30.31	0.803	85.19	185.35	537.00			
1/4/99 15:40	1026.38	30.31	0.823	83.89	182.99	542.62	540.91		
1/4/99 15:55	1026.63	30.32	0.814	83.89	182.99	539.88			
1/4/99 16:10	1026.75	30.32	0.833	82.58	180.84	544.61			
1/4/99 16:25	1026.88	30.32	0.808	82.58	180.64	536.34			
1/4/99 16:40	1027.00	30.33	0.808	84.67	184.40	537.88	539.05		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/4/99 16:55	1027.00	30.33	0.818	83.36	182.05	540.21			
1/4/99 17:10	1027.13	30.33	0.806	83.36	182.05	536.23			
1/4/99 17:25	1027.13	30.33	0.801	82.58	180.64	534.18			
1/4/99 17:40	1027.25	30.33	0.814	84.67	184.40	540.11	539.28		
1/4/99 17:55	1027.38	30.34	0.836	83.10	181.58	545.86			
1/4/99 18:10	1027.63	30.35	0.816	83.89	182.99	540.01			
1/4/99 18:25	1027.63	30.35	0.798	81.53	178.76	532.23			
1/4/99 18:40	1027.88	30.35	0.776	87.28	189.11	529.05	533.35		
1/4/99 18:55	1027.88	30.35	0.786	85.71	186.29	531.28			
1/4/99 19:10	1028.00	30.36	0.794	86.24	187.23	534.17			
1/4/99 19:25	1028.00	30.36	0.781	85.19	185.35	528.97			
1/4/99 19:40	1028.13	30.36	0.793	84.15	183.46	532.38	528.44		
1/4/99 19:55	1028.25	30.36	0.759	88.07	190.52	523.52			
1/4/99 20:10	1028.50	30.37	0.756	88.85	191.93	523.16			
1/4/99 20:25	1028.50	30.37	0.763	88.33	190.99	525.16			
1/4/99 20:40	1028.63	30.38	0.754	88.85	191.93	522.26	522.71		
1/4/99 20:55	1028.75	30.38	0.746	88.85	191.93	519.42			
1/4/99 21:10	1028.63	30.38	0.757	89.11	192.40	523.56			
1/4/99 21:25	1028.63	30.38	0.771	87.02	188.64	526.75			
1/4/99 21:40	1028.75	30.38	0.779	86.24	187.23	529.14	523.07		
1/4/99 21:55	1028.75	30.38	0.747	89.37	192.87	520.25			
1/4/99 22:10	1028.88	30.38	0.734	89.11	192.40	515.86			
1/4/99 22:25	1028.88	30.38	0.734	89.90	193.81	515.97			
1/4/99 22:40	1028.88	30.38	0.748	88.07	190.52	519.69	519.37		
1/4/99 22:55	1029.00	30.39	0.754	88.07	190.52	521.80			
1/4/99 23:10	1029.13	30.39	0.759	86.59	191.46	523.92			
1/4/99 23:25	1029.13	30.39	0.774	87.54	189.58	528.06			
1/4/99 23:40	1029.25	30.39	0.757	87.80	190.05	522.46	521.39		
1/4/99 23:55	1029.38	30.40	0.738	89.83	193.34	517.20			
1/5/99 0:10	1029.63	30.40	0.738	88.33	190.99	515.33			
1/5/99 0:25	1029.63	30.40	0.764	89.11	192.40	525.65			
1/5/99 0:40	1029.63	30.40	0.751	88.33	190.99	520.77	519.22		
1/5/99 0:55	1029.50	30.40	0.738	90.16	194.28	517.54			
1/5/99 1:10	1029.63	30.40	0.739	88.85	191.93	518.79			
1/5/99 1:25	1029.63	30.40	0.754	87.80	190.05	521.26			
1/5/99 1:40	1029.75	30.41	0.767	87.28	189.11	525.39	520.73		
1/5/99 1:55	1029.88	30.41	0.744	89.37	192.87	518.85			
1/5/99 2:10	1030.00	30.42	0.754	88.07	190.52	521.35			
1/5/99 2:25	1030.13	30.42	0.774	86.50	187.70	527.28			
1/5/99 2:40	1030.13	30.42	0.765	87.28	189.11	524.64	524.09		
1/5/99 2:55	1030.13	30.42	0.779	87.28	189.11	529.32			
1/5/99 3:10	1030.25	30.42	0.744	87.80	190.05	517.87			
1/5/99 3:25	1030.36	30.43	0.753	88.85	191.93	521.40			
1/5/99 3:40	1030.36	30.43	0.768	88.07	190.52	526.21	523.00		
1/5/99 3:55	1030.50	30.43	0.765	88.07	190.52	525.12			
1/5/99 4:10	1030.25	30.42	0.770	84.67	184.40	524.41			
1/5/99 4:25	1030.38	30.43	0.744	89.37	192.87	518.96			
1/5/99 4:40	1030.38	30.43	0.757	88.85	191.93	522.93	523.58		
1/5/99 4:55	1030.38	30.43	0.762	88.33	190.99	524.27			
1/5/99 5:10	1030.38	30.43	0.773	87.54	189.58	527.33			
1/5/99 5:25	1030.38	30.43	0.781	86.50	187.70	529.32			
1/5/99 5:40	1030.38	30.43	0.785	85.45	185.82	530.04	527.02		
1/5/99 5:55	1030.38	30.43	0.766	87.28	189.11	524.78			
1/5/99 6:10	1030.50	30.43	0.761	88.07	190.52	523.60			
1/5/99 6:25	1030.50	30.43	0.763	87.80	190.05	524.07			
1/5/99 6:40	1030.63	30.43	0.771	87.28	189.11	526.64	524.62		
1/5/99 6:55	1030.63	30.43	0.769	86.24	187.23	525.02			
1/5/99 7:10	1030.75	30.44	0.762	87.80	190.05	523.80			
1/5/99 7:25	1030.88	30.44	0.759	87.80	190.05	522.86			
1/5/99 7:40	1030.88	30.44	0.771	87.54	189.58	526.76	525.85		
1/5/99 7:55	1030.75	30.44	0.791	86.50	187.70	532.61			
1/5/99 8:10	1030.75	30.44	0.762	87.28	189.11	523.42			
1/5/99 8:25	1030.75	30.44	0.743	89.37	192.87	518.42			
1/5/99 8:40	1030.75	30.44	0.746	88.59	191.46	518.73	527.40		
1/5/99 8:55	1030.75	30.44	0.758	88.59	191.46	523.06			
1/5/99 9:10	1031.00	30.45	0.866	81.27	178.29	553.36			
1/5/99 9:25	1031.13	30.45	0.765	87.28	189.11	524.39			
1/5/99 9:40	1031.38	30.46	0.741	88.85	191.93	517.22	536.16		
1/5/99 9:55	1031.38	30.46	0.734	90.18	194.28	515.77			
1/5/99 10:10	1031.36	30.46	0.925	79.18	174.53	570.04			
1/5/99 10:25	1031.38	30.46	0.959	73.43	164.18	575.58			
1/5/99 10:40	1031.50	30.46	0.961	73.96	165.12	578.55	575.20		
1/5/99 10:55	1031.50	30.46	0.962	73.69	164.65	576.72			
1/5/99 11:10	1031.50	30.46	0.963	73.96	165.12	577.12			
1/5/99 11:25	1031.50	30.46	0.960	73.69	164.65	576.15			
1/5/99 11:40	1031.25	30.45	0.963	73.43	164.18	578.94	577.30		
1/5/99 11:55	1031.13	30.45	0.967	73.43	164.18	578.11			
1/5/99 12:10	1030.88	30.44	0.967	73.43	164.18	578.18			
1/5/99 12:25	1030.50	30.43	0.974	73.17	163.71	580.30			
1/5/99 12:40	1030.13	30.42	0.906	75.00	167.00	561.20	556.60		
1/5/99 12:55	1030.00	30.42	0.764	84.67	184.40	529.12			
1/5/99 13:10	1029.75	30.41	0.797	85.45	185.82	534.21			
1/5/99 13:25	1029.63	30.40	0.799	84.67	184.40	534.49			
1/5/99 13:40	1029.38	30.40	0.797	84.15	183.46	533.33	533.64		
1/5/99 13:55	1029.13	30.39	0.797	84.67	184.40	533.78			
1/5/99 14:10	1028.88	30.38	0.794	84.15	183.46	532.39			
1/5/99 14:25	1028.75	30.38	0.831	82.32	180.17	543.26			
1/5/99 14:40	1028.38	30.37	0.821	82.84	181.11	540.47	539.64		
1/5/99 14:55	1028.00	30.36	0.828	82.84	181.11	543.04			
1/5/99 15:10	1027.75	30.35	0.817	82.32	180.17	539.02			
1/5/99 15:25	1027.63	30.35	0.818	81.79	179.23	538.43			
1/5/99 15:40	1027.50	30.34	0.824	83.10	181.58	542.15	540.82		
1/5/99 15:55	1027.50	30.34	0.823	82.32	180.17	540.93			
1/5/99 16:10	1027.50	30.34	0.829	83.10	181.58	543.57			
1/5/99 16:25	1027.38	30.34	0.830	82.32	180.17	543.43			
1/5/99 16:40	1027.13	30.33	0.625	80.75	177.35	540.66	542.17		
1/5/99 16:55	1027.25	30.33	0.821	82.32	180.17	540.57			
1/5/99 17:10	1027.13	30.33	0.824	83.89	182.99	542.82			
1/5/99 17:25	1027.13	30.33	0.811	83.62	182.52	538.09			
1/5/99 17:40	1027.00	30.33	0.826	83.10	181.58	542.88	541.50		
1/5/99 17:55	1027.13	30.33	0.818	83.38	182.05	540.37			
1/5/99 18:10	1026.88	30.32	0.829	82.84	181.11	543.53			
1/5/99 18:25	1026.63	30.32	0.797	84.87	184.40	534.43			
1/5/99 18:40	1026.63	30.32	0.817	84.15	183.46	540.70	538.02		
1/5/99 18:55	1026.50	30.31	0.794	84.67	184.40	533.39			
1/5/99 19:10	1026.38	30.31	0.809	84.15	183.46	538.05			
1/5/99 19:25	1026.25	30.31	0.808	84.15	183.46	537.88			
1/5/99 19:40	1025.88	30.29	0.812	83.89	182.99	539.05	535.47		
1/5/99 19:55	1025.50	30.28	0.784	85.45	185.82	531.10			
1/5/99 20:10	1025.38	30.28	0.783	86.50	187.70	531.26			
1/5/99 20:25	1025.13	30.27	0.798	85.45	185.82	535.61			
1/5/99 20:40	1025.13	30.27	0.803	84.41	183.93	536.70	535.65		
1/5/99 20:55	1024.88	30.26	0.794	83.62	182.52	533.27			
1/5/99 21:10	1024.63	30.26	0.816	83.89	182.99	541.43			
1/5/99 21:25	1024.38	30.25	0.800	84.67	184.40	536.06			
1/5/99 21:40	1024.25	30.25	0.804	84.15	183.46	536.94	537.96		
1/5/99 21:55	1023.88	30.23	0.801	84.67	184.40	536.39			
1/5/99 22:10	1023.63	30.23	0.810	83.89	182.99	539.01			
1/5/99 22:25	1023.38	30.22	0.818	83.10	181.58	540.97			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/5/99 22:40	1023.50	30.22	0.807	83.10	181.58	537.42	539.78		
1/5/99 22:55	1023.25	30.22	0.822	83.62	182.52	542.85			
1/5/99 23:10	1023.00	30.21	0.811	82.58	180.84	538.58			
1/5/99 23:25	1022.88	30.21	0.821	81.79	179.23	541.33			
1/5/99 23:40	1022.88	30.21	0.822	82.84	181.11	542.35	539.39		
1/5/99 23:55	1022.88	30.21	0.805	83.62	182.52	537.34			
1/6/99 0:10	1022.75	30.20	0.804	83.89	182.99	537.37			
1/6/99 0:25	1022.38	30.19	0.805	84.15	183.48	537.88			
1/6/99 0:40	1022.00	30.18	0.809	82.84	181.11	536.21	537.12		
1/6/99 0:55	1021.75	30.17	0.802	83.62	182.52	536.60			
1/6/99 1:10	1021.38	30.18	0.806	80.49	176.88	535.57			
1/6/99 1:25	1021.13	30.15	0.816	83.89	182.99	541.53			
1/6/99 1:40	1020.83	30.14	0.786	84.67	184.40	532.39	536.63		
1/6/99 1:55	1020.38	30.13	0.789	85.19	185.35	533.69			
1/6/99 2:10	1020.13	30.12	0.812	83.10	181.58	539.97			
1/6/99 2:25	1020.00	30.12	0.805	84.41	183.93	538.69			
1/6/99 2:40	1020.00	30.12	0.808	82.58	180.64	538.34	539.28		
1/6/99 2:55	1019.88	30.12	0.817	83.10	181.58	541.70			
1/6/99 3:10	1019.75	30.11	0.803	84.15	183.46	537.72			
1/6/99 3:25	1019.38	30.10	0.797	84.67	184.40	536.33			
1/6/99 3:40	1019.13	30.09	0.802	83.89	182.99	537.49	535.98		
1/6/99 3:55	1018.75	30.08	0.794	83.89	182.99	534.83			
1/6/99 4:10	1018.63	30.08	0.786	84.93	184.87	533.55			
1/6/99 4:25	1018.38	30.07	0.798	83.89	182.99	536.41			
1/6/99 4:40	1018.25	30.07	0.799	83.62	182.52	536.45	535.36		
1/6/99 4:55	1018.13	30.07	0.796	83.36	182.05	535.44			
1/6/99 5:10	1018.00	30.06	0.790	85.45	185.82	534.95			
1/6/99 5:25	1018.00	30.06	0.797	84.15	183.46	536.30			
1/6/99 5:40	1017.88	30.06	0.791	84.41	183.93	534.61	535.78		
1/6/99 5:55	1017.88	30.06	0.798	84.15	183.46	536.74			
1/6/99 6:10	1017.75	30.05	0.794	85.19	185.35	536.31			
1/6/99 6:25	1017.63	30.05	0.798	84.15	183.46	536.80			
1/6/99 6:40	1017.63	30.05	0.796	82.84	181.11	534.98	536.00		
1/6/99 6:55	1017.63	30.05	0.789	85.45	185.82	534.61			
1/6/99 7:10	1017.50	30.05	0.801	83.62	182.52	537.28			
1/6/99 7:25	1017.63	30.05	0.789	85.45	185.82	534.84			
1/6/99 7:40	1017.75	30.05	0.796	84.67	184.40	536.96	535.42		
1/6/99 7:55	1017.75	30.05	0.792	84.67	184.40	535.07			
1/6/99 8:10	1017.88	30.06	0.787	84.15	183.46	532.96			
1/6/99 8:25	1017.63	30.05	0.874	78.40	173.12	557.12			
1/6/99 8:40	1017.75	30.05	0.773	84.41	183.93	528.49	535.84		
1/6/99 8:55	1017.75	30.05	0.778	83.36	182.05	528.77			
1/6/99 9:10	1017.75	30.05	0.789	81.79	179.23	531.84			
1/6/99 9:25	1017.63	30.05	0.796	81.27	178.29	533.80			
1/6/99 9:40	1017.63	30.05	0.783	81.27	178.29	529.59	531.17		
1/6/99 9:55		0.00			32.00	530.00			
1/6/99 10:00	1017.63	30.05	0.785	81.79	179.23	530.63			
1/6/99 10:15	1017.88	30.06	0.791	81.79	179.23	532.45			
1/6/99 10:30	1018.00	30.06	0.794	81.01	177.82	533.11	533.73		
1/6/99 10:45	1018.13	30.07	0.801	81.79	179.23	535.74			
1/6/99 11:00	1018.00	30.06	0.799	83.89	182.99	536.71			
1/6/99 11:15	1018.00	30.06	0.786	83.10	181.58	531.91			
1/6/99 11:30	1017.75	30.05	0.804	81.79	179.23	536.88	535.29		
1/6/99 11:45	1017.63	30.05	0.800	82.06	179.70	535.87			
1/6/99 12:00	1017.38	30.04	0.798	82.06	179.70	535.10			
1/6/99 12:15	1017.13	30.04	0.805	81.79	179.23	537.47			
1/6/99 12:30	1016.88	30.03	0.804	84.15	183.46	539.12	537.28		
1/6/99 12:45	1016.50	30.02	0.799	83.82	182.52	537.14			
1/6/99 13:00	1016.25	30.01	0.803	82.32	180.17	537.47			
1/6/99 13:15	1016.00	30.00	0.806	82.06	179.70	538.17			
1/6/99 13:30	1015.88	30.00	0.812	82.06	179.70	540.30	538.18		
1/6/99 13:45	1015.63	29.99	0.805	82.06	179.70	538.07			
1/6/99 14:00	1015.25	29.98	0.801	82.32	180.17	536.89			
1/6/99 14:15	1014.75	29.97	0.806	82.06	179.70	538.50			
1/6/99 14:30	1014.75	29.97	0.804	82.32	180.17	538.06	540.10		
1/6/99 14:45	1014.50	29.96	0.824	81.53	178.76	544.42			
1/6/99 15:00	1014.25	29.95	0.819	81.27	178.29	542.63			
1/6/99 15:15	1014.25	29.95	0.816	81.27	178.29	541.57			
1/6/99 15:30	1014.25	29.95	0.814	81.27	178.29	540.97	540.51		
1/6/99 15:45	1014.38	29.95	0.809	81.79	179.23	539.67			
1/6/99 16:00	1014.50	29.96	0.803	82.06	179.70	537.73			
1/6/99 16:15	1014.50	29.96	0.811	81.79	179.23	540.04			
1/6/99 16:30	1014.75	29.97	0.809	82.06	179.70	539.54	539.18		
1/6/99 16:45	1015.13	29.98	0.808	82.32	180.17	539.23			
1/6/99 17:00	1015.50	29.99	0.808	82.32	180.17	539.34			
1/6/99 17:15	1015.50	29.99	0.804	82.58	180.64	538.06			
1/6/99 17:30	1015.75	30.00	0.813	82.32	180.17	540.93	539.42		
1/6/99 17:45	1015.88	30.00	0.820	82.06	179.70	542.99			
1/6/99 18:00	1016.13	30.01	0.796	83.36	182.05	535.77			
1/6/99 18:15	1016.38	30.01	0.813	83.10	181.58	541.18			
1/6/99 18:30	1016.63	30.02	0.809	82.58	180.64	539.87	539.01		
1/6/99 18:45	1016.63	30.02	0.808	82.58	180.64	539.23			
1/6/99 19:00	1016.75	30.02	0.809	82.32	180.17	539.20			
1/6/99 19:15	1017.00	30.03	0.822	81.27	178.29	542.72			
1/6/99 19:30	1017.25	30.04	0.811	81.53	178.76	539.31	540.74		
1/6/99 19:45	1017.38	30.04	0.818	81.53	178.76	541.56			
1/6/99 20:00	1017.50	30.05	0.816	81.53	178.76	540.90			
1/6/99 20:15	1017.50	30.05	0.826	81.27	178.29	544.00			
1/6/99 20:30	1018.00	30.06	0.829	80.49	176.88	544.32	544.57		
1/6/99 20:45	1018.38	30.07	0.838	79.70	175.47	545.65			
1/6/99 21:00	1018.75	30.08	0.839	81.27	178.29	548.00			
1/6/99 21:15	1019.00	30.09	0.846	81.79	179.23	550.55			
1/6/99 21:30	1019.25	30.10	0.844	80.49	176.88	548.68	548.68		
1/6/99 21:45	1019.75	30.11	0.843	79.18	174.53	547.12			
1/6/99 22:00	1020.50	30.14	0.843	81.27	178.29	548.73			
1/6/99 22:15	1020.75	30.14	0.838	79.44	175.00	545.62			
1/6/99 22:30	1021.13	30.15	0.834	78.66	173.59	543.71	546.72		
1/6/99 22:45	1021.63	30.17	0.839	82.32	180.17	547.80			
1/6/99 23:00	1021.88	30.18	0.837	83.10	181.58	547.75			
1/6/99 23:15	1022.25	30.19	0.833	83.10	181.58	546.40			
1/6/99 23:30	1022.50	30.19	0.842	81.27	178.29	547.80	546.38		
1/6/99 23:45	1023.00	30.21	0.837	79.44	175.00	544.63			
1/7/99 0:00	1023.38	30.22	0.834	81.53	178.76	545.33			
1/7/99 0:15	1023.75	30.23	0.839	82.06	179.70	547.03			
1/7/99 0:30	1023.75	30.23	0.848	80.49	176.88	548.68	545.99		
1/7/99 0:45	1023.88	30.23	0.829	78.66	173.59	541.35			
1/7/99 1:00	1024.13	30.24	0.843	81.01	177.82	547.56			
1/7/99 1:15	1024.13	30.24	0.844	82.58	180.64	549.19			
1/7/99 1:30	1024.50	30.25	0.833	82.06	179.70	545.00	548.90		
1/7/99 1:45	1024.75	30.26	0.845	82.06	179.70	548.82			
1/7/99 2:00	1024.88	30.26	0.834	80.23	176.41	543.92			
1/7/99 2:15	1025.25	30.28	0.844	81.01	177.82	547.88			
1/7/99 2:30	1025.75	30.29	0.831	81.01	177.82	543.25	544.49		
1/7/99 2:45	1026.00	30.30	0.846	81.53	178.76	548.47			
1/7/99 3:00	1026.50	30.31	0.814	83.10	181.58	539.12			
1/7/99 3:15	1026.75	30.32	0.834	81.27	178.29	544.00			
1/7/99 3:30	1027.00	30.33	0.825	82.84	181.11	542.28	541.63		
1/7/99 3:45	1027.25	30.33	0.824	82.84	181.11	542.02			
1/7/99 4:00	1027.38	30.34	0.819	83.36	182.05	540.74			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/7/99 4:15	1027.50	30.34	0.816	82.84	181.11	539.25			
1/7/99 4:30	1027.50	30.34	0.836	78.14	172.65	542.20	540.26		
1/7/99 4:45	1027.75	30.35	0.818	82.32	180.17	539.42			
1/7/99 5:00	1028.00	30.36	0.814	84.87	184.40	539.88			
1/7/99 5:15	1028.13	30.36	0.824	83.36	182.05	542.19			
1/7/99 5:30	1028.25	30.36	0.813	82.84	181.11	538.03	537.39		
1/7/99 5:45	1028.38	30.37	0.798	84.41	183.93	533.55			
1/7/99 6:00	1028.38	30.37	0.794	85.19	185.35	533.53			
1/7/99 6:15	1028.50	30.37	0.803	83.62	182.52	535.04			
1/7/99 6:30	1028.75	30.38	0.806	84.15	183.46	536.60	534.52		
1/7/99 6:45	1029.25	30.39	0.794	85.98	186.76	533.88			
1/7/99 7:00	1029.25	30.39	0.798	83.89	182.99	533.57			
1/7/99 7:15	1029.25	30.39	0.786	85.45	185.82	530.74			
1/7/99 7:30	1029.50	30.40	0.796	84.87	184.40	533.45	528.91		
1/7/99 7:45	1029.75	30.41	0.758	85.71	186.29	521.02			
1/7/99 8:00	1029.88	30.41	0.768	87.54	189.58	525.75			
1/7/99 8:15	1030.13	30.42	0.684	81.01	177.82	558.95			
1/7/99 8:30	1030.25	30.42	0.783	82.84	181.11	527.30	533.75		
1/7/99 8:45	1030.63	30.43	0.770	87.28	189.11	526.23			
1/7/99 9:00	1030.88	30.44	0.788	85.98	186.76	530.50			
1/7/99 9:15	1031.00	30.45	0.795	83.10	181.58	531.49			
1/7/99 9:30	1031.25	30.45	0.819	83.89	182.99	539.89	533.79		
1/7/99 9:45	1031.38	30.46	0.823	78.92	174.06	537.33			
1/7/99 10:00	1031.50	30.46	0.764	85.71	186.29	529.74			
1/7/99 10:15	1031.63	30.46	0.781	86.50	187.70	529.00			
1/7/99 10:30	1031.88	30.47	0.813	84.87	184.40	538.46	535.92		
1/7/99 10:45	1032.00	30.47	0.832	81.01	177.82	541.83			
1/7/99 11:00	1032.00	30.47	0.824	82.58	180.64	540.57			
1/7/99 11:15	1032.25	30.48	0.851	81.53	178.76	546.22			
1/7/99 11:30	1032.13	30.48	0.854	79.70	175.47	547.84	546.05		
1/7/99 11:45	1031.88	30.47	0.851	78.66	173.59	546.10			
1/7/99 12:00	1031.75	30.47	0.849	81.27	178.29	547.54			
1/7/99 12:15	1031.63	30.46	0.851	81.01	177.82	547.99			
1/7/99 12:30	1031.38	30.46	0.852	80.75	177.35	548.27	548.05		
1/7/99 12:45	1031.13	30.45	0.856	80.49	176.88	549.32			
1/7/99 13:00	1031.00	30.45	0.851	79.44	175.00	547.13			
1/7/99 13:15	1030.63	30.43	0.859	80.75	177.35	550.88			
1/7/99 13:30	1030.50	30.43	0.847	81.27	178.29	547.29	548.96		
1/7/99 13:45	1030.38	30.43	0.859	80.49	176.88	550.52			
1/7/99 14:00	1030.25	30.42	0.854	80.23	176.41	548.97			
1/7/99 14:15	1030.00	30.42	0.854	79.44	175.00	548.42			
1/7/99 14:30	1029.88	30.41	0.844	81.27	178.29	546.85	548.54		
1/7/99 14:45	1029.88	30.41	0.861	78.14	172.65	549.42			
1/7/99 15:00	1030.00	30.42	0.854	80.75	177.35	549.21			
1/7/99 15:15	1030.00	30.42	0.857	80.75	177.35	550.24			
1/7/99 15:30	1030.00	30.42	0.833	81.27	178.29	542.95	545.70		
1/7/99 15:45	1030.00	30.42	0.832	82.06	179.70	543.15			
1/7/99 16:00	1030.00	30.42	0.831	82.06	179.70	542.93			
1/7/99 16:15	1030.00	30.42	0.818	82.32	180.17	538.83			
1/7/99 16:30	1029.75	30.41	0.831	82.32	180.17	543.00	540.55		
1/7/99 16:45	1029.75	30.41	0.811	83.36	182.05	537.40			
1/7/99 17:00	1029.63	30.40	0.824	81.79	179.23	540.60			
1/7/99 17:15	1029.63	30.40	0.828	83.10	181.58	542.61			
1/7/99 17:30	1029.75	30.41	0.804	83.36	182.05	534.91	539.43		
1/7/99 17:45	1029.75	30.41	0.819	84.15	183.46	540.48			
1/7/99 18:00	1029.75	30.41	0.823	79.97	175.94	538.55			
1/7/99 18:15	1029.75	30.41	0.833	81.27	178.29	543.01			
1/7/99 18:30	1029.75	30.41	0.841	81.01	177.82	545.25	542.13		
1/7/99 18:45	1029.63	30.40	0.823	83.36	182.05	541.17			
1/7/99 19:00	1029.50	30.40	0.829	82.32	180.17	542.67			
1/7/99 19:15	1029.25	30.39	0.840	82.32	180.17	546.19			
1/7/99 19:30	1029.25	30.39	0.831	82.84	181.11	543.53	544.28		
1/7/99 19:45	1029.13	30.39	0.843	81.27	178.29	546.43			
1/7/99 20:00	1029.00	30.39	0.830	81.79	179.23	542.60			
1/7/99 20:15	1029.00	30.39	0.835	80.49	176.88	543.23			
1/7/99 20:30	1028.88	30.38	0.844	82.06	179.70	547.52	542.61		
1/7/99 20:45	1028.75	30.38	0.814	83.62	182.52	538.69			
1/7/99 21:00	1028.63	30.38	0.821	83.36	182.05	541.00			
1/7/99 21:15	1028.63	30.38	0.839	82.32	180.17	546.16			
1/7/99 21:30	1028.50	30.37	0.816	82.84	181.11	539.42	541.56		
1/7/99 21:45	1028.38	30.37	0.813	83.89	182.99	538.59			
1/7/99 22:00	1028.13	30.36	0.834	79.97	175.94	542.63			
1/7/99 22:15	1028.00	30.36	0.828	81.01	177.82	541.64			
1/7/99 22:30	1027.75	30.35	0.832	82.58	180.64	544.15	540.36		
1/7/99 22:45	1027.25	30.33	0.818	83.36	182.05	539.52			
1/7/99 23:00	1027.13	30.33	0.794	85.19	185.35	533.85			
1/7/99 23:15	1028.88	30.32	0.812	81.79	179.23	537.20			
1/7/99 23:30	1028.75	30.32	0.811	79.70	175.47	535.22	538.77		
1/7/99 23:45	1026.75	30.32	0.823	83.62	182.52	542.32			
1/8/99 0:00	1026.63	30.32	0.834	82.84	181.11	545.24			
1/8/99 0:15	1026.13	30.30	0.824	82.58	180.64	542.12			
1/8/99 0:30	1025.75	30.29	0.821	83.10	181.58	541.36	542.52		
1/8/99 0:45	1025.38	30.28	0.831	82.32	180.17	544.35			
1/8/99 1:00	1024.88	30.26	0.814	83.36	182.05	539.51			
1/8/99 1:15	1024.75	30.26	0.823	81.79	179.23	541.46			
1/8/99 1:30	1024.38	30.25	0.820	82.32	180.17	540.93	541.56		
1/8/99 1:45	1024.13	30.24	0.816	83.62	182.52	540.73			
1/8/99 2:00	1023.88	30.23	0.831	83.10	181.58	545.15			
1/8/99 2:15	1023.75	30.23	0.805	82.84	181.11	536.52			
1/8/99 2:30	1023.38	30.22	0.815	81.27	178.29	538.75	539.01		
1/8/99 2:45	1023.25	30.22	0.814	76.92	174.06	536.57			
1/8/99 3:00	1023.13	30.21	0.806	84.41	183.93	538.06			
1/8/99 3:15	1023.00	30.21	0.820	83.89	182.99	542.49			
1/8/99 3:30	1022.75	30.20	0.824	82.84	181.11	543.21	540.60		
1/8/99 3:45	1022.50	30.19	0.811	83.62	182.52	539.30			
1/8/99 4:00	1022.00	30.18	0.819	80.75	177.35	539.94			
1/8/99 4:15	1021.63	30.17	0.819	78.14	172.65	538.27			
1/8/99 4:30	1021.38	30.16	0.806	80.23	176.41	535.57	539.28		
1/8/99 4:45	1020.88	30.15	0.816	82.84	181.11	541.00			
1/8/99 5:00	1020.88	30.15	0.817	83.36	182.05	541.63			
1/8/99 5:15	1020.38	30.13	0.810	83.62	182.52	539.67			
1/8/99 5:30	1020.13	30.12	0.821	82.06	179.70	542.06	540.52		
1/8/99 5:45	1020.13	30.12	0.799	83.89	182.99	536.15			
1/8/99 6:00	1020.00	30.12	0.621	83.10	181.58	543.09			
1/8/99 6:15	1019.75	30.11	0.805	80.49	178.88	535.79			
1/8/99 6:30	1019.88	30.12	0.807	82.58	180.64	537.98	540.57		
1/8/99 6:45	1019.75	30.11	0.824	83.36	182.05	544.41			
1/8/99 7:00	1019.63	30.11	0.817	82.84	181.11	541.56			
1/8/99 7:15	1019.50	30.11	0.833	82.58	180.64	546.74			
1/8/99 7:30	1019.50	30.11	0.808	83.10	181.58	538.87	542.88		
1/8/99 7:45	1019.00	30.09	0.821	82.84	181.11	542.98			
1/8/99 8:00	1018.88	30.09	0.827	81.79	179.23	544.27			
1/8/99 8:15	1019.00	30.09	0.817	82.06	179.70	541.13			
1/8/99 8:30	1018.88	30.09	0.833	79.97	175.94	544.70	542.39		
1/8/99 8:45	1018.88	30.09	0.814	83.10	181.58	541.13			
1/8/99 9:00	1018.88	30.09	0.812	83.62	182.52	540.70			
1/8/99 9:15	1018.38	30.07	0.819	82.84	181.11	542.49			
1/8/99 9:30	1018.00	30.06	0.804	82.32	180.17	537.20	541.69		
1/8/99 9:45	1017.88	30.06	0.812	83.62	182.52	540.96			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/8/99 10:00	1017.50	30.05	0.836	81.27	178.29	547.09			
1/8/99 10:15	1017.25	30.04	0.818	82.06	179.70	541.37			
1/8/99 10:30	1017.13	30.04	0.830	81.01	177.82	545.15	543.69		
1/8/99 10:45	1017.00	30.03	0.814	82.32	180.17	540.80			
1/8/99 11:00	1016.63	30.02	0.822	82.84	181.11	544.02			
1/8/99 11:15	1018.25	30.01	0.836	80.75	177.35	547.02			
1/8/99 11:30	1016.25	30.01	0.812	82.32	180.17	540.40	540.57		
1/8/99 11:45	1016.13	30.01	0.804	83.36	182.05	538.72			
1/8/99 12:00	1015.75	30.00	0.786	83.62	182.52	532.68			
1/8/99 12:15	1014.88	29.97	0.811	82.58	180.64	540.53			
1/8/99 12:30	1014.25	29.95	0.798	81.53	178.76	535.73	536.03		
1/8/99 12:45	1013.88	29.94	0.804	83.10	181.58	538.89			
1/8/99 13:00	1013.50	29.93	0.813	83.62	182.52	542.33			
1/8/99 13:15	1013.00	29.91	0.789	83.62	182.52	534.46			
1/8/99 13:30	1012.50	29.90	0.798	82.06	179.70	536.36	536.41		
1/8/99 13:45	1011.88	29.88	0.787	82.84	181.11	533.56			
1/8/99 14:00	1011.75	29.88	0.794	81.79	179.23	535.34			
1/8/99 14:15	1011.75	29.88	0.784	82.58	180.64	532.31			
1/8/99 14:30	1011.75	29.88	0.803	83.89	182.99	539.85	536.87		
1/8/99 14:45	1011.50	29.87	0.792	83.36	182.05	535.74			
1/8/99 15:00	1011.13	29.86	0.809	82.84	181.11	541.10			
1/8/99 15:15	1011.25	29.86	0.774	84.67	184.40	530.58			
1/8/99 15:30	1010.88	29.85	0.789	85.19	185.35	536.43	534.55		
1/8/99 15:45	1010.75	29.85	0.773	84.93	184.87	530.70			
1/8/99 16:00	1010.63	29.84	0.783	84.93	184.87	533.95			
1/8/99 16:15	1010.75	29.85	0.788	83.89	182.99	534.20			
1/8/99 16:30	1010.75	29.85	0.780	83.62	182.52	532.09	532.90		
1/8/99 16:45	1010.50	29.84	0.777	83.36	182.05	530.91			
1/8/99 17:00	1010.00	29.83	0.784	83.36	182.05	533.36			
1/8/99 17:15	1009.63	29.81	0.778	83.36	182.05	531.34			
1/8/99 17:30	1009.50	29.81	0.788	82.84	181.11	534.59	533.79		
1/8/99 17:45	1009.50	29.81	0.786	82.84	181.11	533.74			
1/8/99 18:00	1010.25	29.83	0.794	82.06	179.70	535.93			
1/8/99 18:15	1010.50	29.84	0.792	82.58	180.64	535.42			
1/8/99 18:30	1010.75	29.85	0.793	82.06	179.70	535.36	535.11		
1/8/99 18:45	1010.50	29.84	0.799	81.79	179.23	537.35			
1/8/99 19:00	1010.13	29.83	0.779	82.84	181.11	531.47			
1/8/99 19:15	1010.13	29.83	0.786	82.06	179.70	533.19			
1/8/99 19:30	1010.25	29.83	0.776	82.84	181.11	530.14	531.59		
1/8/99 19:45	1010.00	29.83	0.783	82.84	181.11	532.76			
1/8/99 20:00	1010.00	29.83	0.776	83.10	181.58	530.40			
1/8/99 20:15	1009.63	29.81	0.770	83.10	181.58	528.58			
1/8/99 20:30	1009.75	29.82	0.770	83.62	182.52	528.93	528.90		
1/8/99 20:45	1009.63	29.81	0.771	83.36	182.05	529.18			
1/8/99 21:00	1009.88	29.82	0.766	83.62	182.52	527.39			
1/8/99 21:15	1010.13	29.83	0.757	84.41	183.93	524.89			
1/8/99 21:30	1010.25	29.83	0.759	84.15	183.46	525.29	524.90		
1/8/99 21:45	1010.13	29.83	0.751	84.67	184.40	522.69			
1/8/99 22:00	1010.13	29.83	0.755	84.15	183.46	524.04			
1/8/99 22:15	1010.50	29.84	0.746	84.41	183.93	521.74			
1/8/99 22:30	1010.13	29.83	0.744	84.67	184.40	520.73	521.70		
1/8/99 22:45	1010.25	29.83	0.748	84.15	183.46	521.61			
1/8/99 23:00	1010.75	29.85	0.745	84.15	183.46	520.40			
1/8/99 23:15	1010.63	29.84	0.746	83.62	182.52	520.47			
1/8/99 23:30	1010.75	29.85	0.749	88.07	190.52	524.79	522.87		
1/8/99 23:45	1010.75	29.85	0.748	88.33	190.99	524.52			
1/9/99 0:00	1010.88	29.85	0.749	87.28	189.11	524.19			
1/9/99 0:15	1011.38	29.87	0.746	88.85	191.93	524.07			
1/9/99 0:30	1011.00	29.85	0.762	87.28	189.11	528.51	527.78		
1/9/99 0:45	1011.13	29.86	0.766	87.28	189.11	529.96			
1/9/99 1:00	1011.00	29.85	0.774	86.76	188.17	532.20			
1/9/99 1:15	1011.00	29.85	0.779	85.71	186.29	533.14			
1/9/99 1:30	1011.50	29.87	0.779	86.24	187.23	533.63	533.68		
1/9/99 1:45	1011.75	29.88	0.784	85.98	186.76	535.08			
1/9/99 2:00	1012.13	29.89	0.783	85.71	186.29	534.35			
1/9/99 2:15	1012.38	29.90	0.783	85.98	186.76	534.47			
1/9/99 2:30	1012.63	29.90	0.775	86.24	187.23	531.83	533.63		
1/9/99 2:45	1012.63	29.90	0.781	86.50	187.70	533.94			
1/9/99 3:00	1012.88	29.91	0.784	84.67	184.40	533.57			
1/9/99 3:15	1012.88	29.91	0.779	83.62	182.52	531.09			
1/9/99 3:30	1012.88	29.91	0.784	81.27	178.29	531.04	530.66		
1/9/99 3:45	1013.13	29.92	0.779	80.23	176.41	528.49			
1/9/99 4:00	1013.38	29.92	0.781	79.97	175.94	529.08			
1/9/99 4:15	1013.50	29.93	0.784	79.44	175.00	529.50			
1/9/99 4:30	1013.75	29.94	0.778	84.93	184.87	531.63	530.70		
1/9/99 4:45	1013.88	29.94	0.769	87.54	189.58	530.30			
1/9/99 5:00	1014.13	29.95	0.776	87.80	190.05	533.01			
1/9/99 5:15	1014.25	29.95	0.766	86.76	188.17	528.55			
1/9/99 5:30	1014.63	29.96	0.769	88.24	187.23	529.14	530.72		
1/9/99 5:45	1015.13	29.98	0.776	85.98	186.76	531.19			
1/9/99 6:00	1015.38	29.98	0.776	86.50	187.70	531.71			
1/9/99 6:15	1015.63	29.99	0.773	85.98	186.76	529.99			
1/9/99 6:30	1015.88	30.00	0.784	85.98	186.76	533.76	531.29		
1/9/99 6:45	1016.00	30.00	0.778	85.71	186.29	531.82			
1/9/99 7:00	1016.38	30.01	0.771	85.98	186.76	529.35			
1/9/99 7:15	1016.63	30.02	0.769	85.19	185.35	526.09			
1/9/99 7:30	1017.13	30.04	0.779	85.98	186.76	531.72	531.03		
1/9/99 7:45	1017.50	30.05	0.784	85.71	186.29	533.14			
1/9/99 8:00	1017.75	30.05	0.783	85.71	186.29	532.87			
1/9/99 8:15	1018.25	30.07	0.767	86.24	187.23	527.58			
1/9/99 8:30	1018.88	30.09	0.773	85.45	185.82	528.97	530.23		
1/9/99 8:45	1019.25	30.10	0.781	85.45	185.82	531.63			
1/9/99 9:00	1019.63	30.11	0.778	85.19	185.35	530.08			
1/9/99 9:15	1020.13	30.12	0.778	84.67	184.40	529.77			
1/9/99 9:30	1020.38	30.13	0.778	83.62	182.52	528.93	529.98		
1/9/99 9:45	1020.63	30.14	0.775	86.50	187.70	529.93			
1/9/99 10:00	1020.75	30.14	0.779	86.50	187.70	531.17			
1/9/99 10:15	1021.00	30.15	0.792	84.67	184.40	534.22			
1/9/99 10:30	1021.13	30.15	0.785	85.45	185.82	532.44	531.93		
1/9/99 10:45	1021.25	30.16	0.783	84.93	184.87	531.37			
1/9/99 11:00	1021.50	30.16	0.779	85.45	185.82	530.44			
1/9/99 11:15	1021.63	30.17	0.788	85.71	186.29	532.91			
1/9/99 11:30	1021.38	30.16	0.788	85.45	185.82	533.42	532.23		
1/9/99 11:45	1021.00	30.15	0.789	84.67	184.40	533.14			
1/9/99 12:00	1020.88	30.15	0.782	85.19	185.35	531.26			
1/9/99 12:15	1021.00	30.15	0.782	85.45	185.82	531.42			
1/9/99 12:30	1021.13	30.15	0.789	84.67	184.40	533.34	531.56		
1/9/99 12:45	1021.25	30.16	0.783	85.19	185.35	531.36			
1/9/99 13:00	1021.63	30.17	0.781	84.67	184.40	530.44			
1/9/99 13:15	1021.75	30.17	0.783	85.19	185.35	531.23			
1/9/99 13:30	1021.75	30.17	0.802	83.62	182.52	536.60	534.19		
1/9/99 13:45	1021.63	30.17	0.801	83.62	182.52	536.20			
1/9/99 14:00	1021.50	30.16	0.803	83.10	181.58	536.47			
1/9/99 14:15	1021.38	30.16	0.811	83.62	182.52	539.60			
1/9/99 14:30	1021.50	30.16	0.817	82.32	180.17	540.67	536.29		
1/9/99 14:45	1021.63	30.17	0.806	82.58	180.64	537.06			
1/9/99 15:00	1021.88	30.18	0.808	82.58	180.64	537.65			
1/9/99 15:15	1022.00	30.18	0.802	83.89	182.99	536.73			
1/9/99 15:30	1022.38	30.19	0.796	84.15	183.46	534.92	535.15		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/9/99 15:45	1022.50	30.19	0.785	84.93	184.87	531.89			
1/9/99 16:00	1022.88	30.21	0.796	84.41	183.93	534.78			
1/9/99 16:15	1023.13	30.21	0.794	84.93	184.87	534.47			
1/9/99 16:30	1023.25	30.22	0.789	84.15	183.46	532.40	532.07		
1/9/99 16:45	1023.25	30.22	0.784	81.53	178.76	526.77			
1/9/99 17:00	1023.63	30.23	0.781	84.87	184.40	529.92			
1/9/99 17:15	1023.88	30.23	0.779	86.76	186.17	530.78			
1/9/99 17:30	1024.00	30.24	0.780	83.36	182.05	528.45	528.19		
1/9/99 17:45	1024.13	30.24	0.761	87.80	190.05	525.25			
1/9/99 18:00	1024.13	30.24	0.765	87.80	190.05	526.56			
1/9/99 18:15	1024.13	30.24	0.763	87.80	190.05	525.90			
1/9/99 18:30	1024.25	30.25	0.759	88.07	190.52	524.54	523.80		
1/9/99 18:45	1024.38	30.25	0.746	87.54	189.58	519.79			
1/9/99 19:00	1024.38	30.25	0.748	88.85	191.93	521.19			
1/9/99 19:15	1024.38	30.25	0.749	86.76	188.17	520.34			
1/9/99 19:30	1024.50	30.25	0.746	89.37	192.87	521.08	521.09		
1/9/99 19:45	1024.63	30.26	0.754	88.59	191.46	523.09			
1/9/99 20:00	1024.75	30.26	0.744	88.85	191.93	519.77			
1/9/99 20:15	1024.63	30.26	0.743	89.11	192.40	519.78			
1/9/99 20:30	1024.75	30.26	0.744	88.85	191.93	519.77	519.80		
1/9/99 20:45	1024.75	30.26	0.748	88.33	190.99	520.93			
1/9/99 21:00	1024.88	30.26	0.738	88.85	191.93	517.77			
1/9/99 21:15	1024.88	30.26	0.735	90.16	194.28	517.62			
1/9/99 21:30	1024.88	30.26	0.748	88.07	190.52	520.04	518.71		
1/9/99 21:45	1024.88	30.26	0.738	89.63	193.34	518.33			
1/9/99 22:00	1025.00	30.27	0.744	88.59	191.46	519.76			
1/9/99 22:15	1025.00	30.27	0.734	89.90	193.81	517.19			
1/9/99 22:30	1025.00	30.27	0.745	89.37	192.87	520.53	517.00		
1/9/99 22:45	1025.13	30.27	0.724	89.11	192.40	513.07			
1/9/99 23:00	1025.00	30.27	0.726	90.42	194.75	514.45			
1/9/99 23:15	1024.88	30.26	0.726	90.68	195.22	514.88			
1/9/99 23:30	1024.88	30.26	0.732	90.16	194.28	516.52	514.83		
1/9/99 23:45	1025.00	30.27	0.728	89.90	193.81	514.75			
1/10/99 0:00	1024.88	30.26	0.722	90.94	195.69	513.54			
1/10/99 0:15	1024.63	30.26	0.723	90.42	194.75	513.44			
1/10/99 0:30	1024.88	30.26	0.724	90.94	195.89	514.18	514.03		
1/10/99 0:45	1024.88	30.26	0.725	90.16	194.28	514.08			
1/10/99 1:00	1024.75	30.26	0.726	90.68	195.22	514.91			
1/10/99 1:15	1024.75	30.26	0.730	89.90	193.81	515.70			
1/10/99 1:30	1024.50	30.25	0.725	90.16	194.28	514.18	514.16		
1/10/99 1:45	1024.50	30.25	0.714	90.16	194.28	510.41			
1/10/99 2:00	1024.25	30.25	0.726	91.46	196.63	515.59			
1/10/99 2:15	1024.25	30.25	0.731	89.90	193.81	516.04			
1/10/99 2:30	1024.50	30.25	0.722	90.16	194.28	513.08	514.82		
1/10/99 2:45	1024.75	30.26	0.726	90.16	194.28	514.54			
1/10/99 3:00	1024.63	30.26	0.726	89.63	193.34	514.87			
1/10/99 3:15	1024.50	30.25	0.726	89.37	192.87	514.51			
1/10/99 3:30	1024.75	30.26	0.733	89.90	193.81	516.58	515.33		
1/10/99 3:45	1024.75	30.26	0.729	89.63	193.34	515.30			
1/10/99 4:00	1024.63	30.26	0.728	90.68	195.22	515.40			
1/10/99 4:15	1024.38	30.25	0.721	89.90	193.81	512.46			
1/10/99 4:30	1024.38	30.25	0.726	90.42	194.75	515.28	515.05		
1/10/99 4:45	1023.88	30.23	0.733	89.11	192.40	516.24			
1/10/99 5:00	1023.88	30.23	0.732	88.85	191.93	515.85			
1/10/99 5:15	1023.75	30.23	0.731	89.90	193.81	516.16			
1/10/99 5:30	1023.50	30.22	0.731	89.90	193.81	516.23	513.99		
1/10/99 5:45	1023.13	30.21	0.716	90.86	195.22	512.22			
1/10/99 6:00	1023.13	30.21	0.709	90.94	195.69	509.51			
1/10/99 6:15	1023.13	30.21	0.722	91.20	196.16	514.16			
1/10/99 6:30	1023.00	30.21	0.722	90.68	195.22	513.82	512.26		
1/10/99 6:45	1022.75	30.20	0.718	90.68	195.22	512.32			
1/10/99 7:00	1022.75	30.20	0.713	91.72	197.10	511.48			
1/10/99 7:15	1022.75	30.20	0.711	90.16	194.28	509.70			
1/10/99 7:30	1022.63	30.20	0.712	92.25	196.04	511.44	510.61		
1/10/99 7:45	1022.63	30.20	0.716	91.20	196.16	512.29			
1/10/99 8:00	1022.50	30.19	0.704	91.72	197.10	508.16			
1/10/99 8:15	1022.38	30.19	0.702	92.77	198.98	508.26			
1/10/99 8:30	1022.25	30.19	0.906	80.75	177.35	587.99	544.73		
1/10/99 8:45	1022.25	30.19	0.924	75.79	168.41	569.41			
1/10/99 9:00	1022.13	30.18	0.925	75.79	168.41	569.85			
1/10/99 9:15	1021.88	30.18	0.926	75.00	167.00	569.46			
1/10/99 9:30	1021.63	30.17	0.928	75.52	167.94	570.73	569.42		
1/10/99 9:45	1021.63	30.17	0.924	75.79	168.41	569.80			
1/10/99 10:00	1021.50	30.16	0.919	74.48	166.06	567.23			
1/10/99 10:15	1021.38	30.16	0.929	75.52	167.94	570.98			
1/10/99 10:30	1021.13	30.15	0.933	75.52	167.94	572.40	570.58		
1/10/99 10:45	1020.88	30.15	0.931	75.00	167.00	571.26			
1/10/99 11:00	1020.63	30.14	0.929	75.26	167.47	570.98			
1/10/99 11:15	1020.63	30.14	0.924	75.26	167.47	569.44			
1/10/99 11:30	1020.50	30.14	0.929	74.74	166.53	570.80	570.47		
1/10/99 11:45	1020.38	30.13	0.932	74.74	166.53	571.80			
1/10/99 12:00	1019.88	30.12	0.928	73.69	164.65	569.53			
1/10/99 12:15	1019.88	30.12	0.930	74.74	166.53	571.16			
1/10/99 12:30	1019.63	30.11	0.923	75.26	167.47	569.53	568.99		
1/10/99 12:45	1019.50	30.11	0.921	74.74	166.53	568.37			
1/10/99 13:00	1019.13	30.09	0.920	72.39	162.30	566.37			
1/10/99 13:15	1019.00	30.09	0.915	70.82	159.48	563.56			
1/10/99 13:30	1019.00	30.09	0.923	73.69	164.65	568.43	567.65		
1/10/99 13:45	1018.86	30.09	0.921	75.79	168.41	569.40			
1/10/99 14:00	1018.68	30.09	0.926	75.00	167.00	570.49			
1/10/99 14:15	1016.68	30.09	0.929	75.26	167.47	571.47			
1/10/99 14:30	1018.88	30.09	0.930	74.48	166.06	571.23	570.04		
1/10/99 14:45	1018.88	30.09	0.923	74.22	165.59	568.70			
1/10/99 15:00	1018.75	30.08	0.921	74.22	165.59	568.34			
1/10/99 15:15	1018.75	30.08	0.923	72.39	162.30	567.24			
1/10/99 15:30	1018.75	30.08	0.920	75.52	167.94	569.03	568.71		
1/10/99 15:45	1019.00	30.09	0.923	74.74	166.53	569.28			
1/10/99 16:00	1019.13	30.09	0.924	75.00	167.00	569.65			
1/10/99 16:15	1019.38	30.10	0.924	75.26	167.47	570.00			
1/10/99 16:30	1019.38	30.10	0.921	75.26	167.47	568.83	568.95		
1/10/99 16:45	1019.38	30.10	0.920	74.48	166.06	568.01			
1/10/99 17:00	1019.50	30.11	0.918	75.79	168.41	568.26			
1/10/99 17:15	1019.50	30.11	0.924	73.17	163.71	568.04			
1/10/99 17:30	1019.75	30.11	0.923	73.17	163.71	567.79	568.84		
1/10/99 17:45	1019.88	30.12	0.922	75.52	167.94	569.31			
1/10/99 18:00	1020.00	30.12	0.926	74.74	166.53	569.77			
1/10/99 18:15	1020.00	30.12	0.921	72.39	162.30	566.31			
1/10/99 18:30	1020.13	30.12	0.921	71.60	160.89	565.82	568.60		
1/10/99 18:45	1020.25	30.13	0.924	76.05	168.88	570.40			
1/10/99 19:00	1020.38	30.13	0.927	75.52	167.94	570.71			
1/10/99 19:15	1020.50	30.14	0.929	75.26	167.47	571.23			
1/10/99 19:30	1020.63	30.14	0.926	75.52	167.94	570.42	571.14		
1/10/99 19:45	1020.75	30.14	0.930	75.00	167.00	571.13			
1/10/99 20:00	1020.88	30.15	0.934	75.00	167.00	572.23			
1/10/99 20:15	1021.13	30.15	0.929	75.52	167.94	571.27			
1/10/99 20:30	1021.50	30.16	0.928	75.79	168.41	570.79	571.17		
1/10/99 20:45	1021.63	30.17	0.931	75.00	167.00	571.25			
1/10/99 21:00	1021.75	30.17	0.928	75.26	167.47	570.30			
1/10/99 21:15	1022.13	30.18	0.934	75.00	167.00	572.09			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/10/99 21:30	1022.38	30.19	0.931	74.48	166.06	570.61	570.89		
1/10/99 21:45	1022.38	30.19	0.930	75.52	167.94	571.10			
1/10/99 22:00	1022.38	30.19	0.928	75.52	167.94	570.34			
1/10/99 22:15	1022.38	30.19	0.928	75.26	167.47	570.31			
1/10/99 22:30	1022.50	30.19	0.934	75.26	167.47	571.99	571.29		
1/10/99 22:45	1022.75	30.20	0.934	75.26	167.47	571.92			
1/10/99 23:00	1022.88	30.21	0.934	75.26	167.47	571.88			
1/10/99 23:15	1023.13	30.21	0.934	74.22	165.59	570.96			
1/10/99 23:30	1023.25	30.22	0.931	74.74	166.53	570.40	571.13		
1/10/99 23:45	1023.38	30.22	0.933	75.26	167.47	571.38			
1/11/99 0:00	1023.63	30.23	0.934	74.22	165.59	571.03			
1/11/99 0:15	1023.88	30.23	0.936	74.74	166.53	571.94			
1/11/99 0:30	1024.00	30.24	0.934	74.48	166.06	571.14	571.63		
1/11/99 0:45	1024.00	30.24	0.939	74.74	166.53	572.67			
1/11/99 1:00	1024.00	30.24	0.934	74.74	166.53	571.36			
1/11/99 1:15	1023.88	30.23	0.932	73.17	163.71	569.34			
1/11/99 1:30	1024.13	30.24	0.931	75.00	167.00	570.56	571.56		
1/11/99 1:45	1024.13	30.24	0.941	75.26	167.47	573.83			
1/11/99 2:00	1024.50	30.25	0.939	75.00	167.00	572.74			
1/11/99 2:15	1024.63	30.26	0.938	74.74	166.53	572.13			
1/11/99 2:30	1024.88	30.26	0.939	74.22	165.59	571.99	572.31		
1/11/99 2:45	1025.13	30.27	0.938	75.00	167.00	572.39			
1/11/99 3:00	1025.25	30.28	0.939	74.48	166.06	572.32			
1/11/99 3:15	1025.38	30.28	0.936	74.74	166.53	571.34			
1/11/99 3:30	1025.50	30.28	0.938	74.22	165.59	571.64	571.80		
1/11/99 3:45	1025.75	30.29	0.938	74.48	166.06	571.60			
1/11/99 4:00	1025.88	30.29	0.940	74.22	165.59	572.11			
1/11/99 4:15	1025.50	30.28	0.939	74.74	166.53	572.25			
1/11/99 4:30	1025.38	30.28	0.939	73.96	165.12	571.85	572.58		
1/11/99 4:45	1025.50	30.28	0.943	74.74	166.53	573.59			
1/11/99 5:00	1025.50	30.28	0.944	73.69	164.65	573.12			
1/11/99 5:15	1025.75	30.29	0.948	72.91	163.24	573.52			
1/11/99 5:30	1025.75	30.29	0.941	72.39	162.30	570.82	572.11		
1/11/99 5:45	1025.75	30.29	0.938	72.13	161.83	569.66			
1/11/99 6:00	1025.75	30.29	0.946	73.69	164.65	573.42			
1/11/99 6:15	1028.00	30.30	0.944	75.00	167.00	573.85			
1/11/99 6:30	1025.88	30.29	0.944	73.69	164.65	573.02	573.31		
1/11/99 6:45	1025.88	30.29	0.943	74.48	166.06	573.27			
1/11/99 7:00	1026.13	30.30	0.943	74.22	165.59	572.98			
1/11/99 7:15	1026.13	30.30	0.946	73.69	164.65	573.31			
1/11/99 7:30	1026.13	30.30	0.846	78.66	173.59	546.21	543.16		
1/11/99 7:45	1026.13	30.30	0.716	90.16	194.28	510.68			
1/11/99 8:00	1026.00	30.30	0.721	90.68	195.22	512.61			
1/11/99 8:15	1025.63	30.29	0.763	87.02	188.64	531.58			
1/11/99 8:30	1025.63	30.29	0.716	88.33	190.99	509.94	516.76		
1/11/99 8:45	1025.63	30.29	0.738	69.63	193.34	517.93			
1/11/99 9:00	1025.50	30.28	0.726	86.76	188.17	511.73			
1/11/99 9:15	1025.38	30.28	0.731	90.16	194.28	515.94			
1/11/99 9:30	1025.25	30.28	0.742	68.07	190.52	518.45	521.02		
1/11/99 9:45	1025.38	30.28	0.831	82.32	160.17	544.35			
1/11/99 10:00	1025.50	30.28	0.728	89.63	193.34	514.65			
1/11/99 10:15	1025.50	30.28	0.726	89.63	193.34	513.77			
1/11/99 10:30	1025.38	30.28	0.738	87.54	189.58	516.71	515.71		
1/11/99 10:45	1025.00	30.27	0.734	89.63	193.34	516.76			
1/11/99 11:00	1024.88	30.26	0.736	87.26	189.11	516.65			
1/11/99 11:15	1024.63	30.26	0.744	88.59	191.46	519.61			
1/11/99 11:30	1024.13	30.24	0.738	89.37	192.87	518.34	518.46		
1/11/99 11:45	1023.38	30.22	0.746	88.07	190.52	520.88			
1/11/99 12:00	1022.88	30.21	0.743	84.41	183.93	516.83			
1/11/99 12:15	1022.38	30.19	0.733	85.71	186.29	514.20			
1/11/99 12:30	1021.88	30.18	0.734	89.90	193.61	517.98	518.05		
1/11/99 12:45	1021.38	30.16	0.744	88.85	191.93	520.62			
1/11/99 13:00	1020.63	30.14	0.744	86.59	191.46	520.63			
1/11/99 13:15	1020.13	30.12	0.739	88.07	190.52	518.63			
1/11/99 13:30	1019.38	30.10	0.759	87.02	188.64	525.28	523.47		
1/11/99 13:45	1018.88	30.09	0.774	85.71	186.29	529.81			
1/11/99 14:00	1018.25	30.07	0.758	84.67	184.40	523.19			
1/11/99 14:15	1017.88	30.06	0.761	85.71	186.29	525.12			
1/11/99 14:30	1017.50	30.05	0.754	87.54	189.58	524.16	524.48		
1/11/99 14:45	1017.13	30.04	0.761	86.50	187.70	525.89			
1/11/99 15:00	1017.00	30.03	0.758	85.96	186.76	524.02			
1/11/99 15:15	1016.63	30.02	0.766	85.71	186.29	527.17			
1/11/99 15:30	1016.25	30.01	0.774	84.67	184.40	529.52	528.73		
1/11/99 15:45	1015.88	30.00	0.777	85.71	186.29	531.24			
1/11/99 16:00	1015.25	29.96	0.780	84.67	184.40	531.89			
1/11/99 16:15	1014.75	29.97	0.797	83.62	182.52	536.77			
1/11/99 16:30	1014.25	29.95	0.796	83.10	181.58	536.07	534.36		
1/11/99 16:45	1013.75	29.94	0.766	83.36	182.05	533.01			
1/11/99 17:00	1013.13	29.92	0.786	84.67	184.40	534.36			
1/11/99 17:15	1012.63	29.90	0.785	84.15	183.46	533.69			
1/11/99 17:30	1012.13	29.89	0.793	83.62	182.52	535.98	535.52		
1/11/99 17:45	1011.75	29.88	0.793	83.89	182.99	536.47			
1/11/99 18:00	1011.13	29.86	0.795	83.62	182.52	537.09			
1/11/99 18:15	1010.75	29.85	0.794	82.58	180.64	535.96			
1/11/99 18:30	1010.50	29.84	0.794	81.79	179.23	535.44	534.86		
1/11/99 18:45	1010.13	29.83	0.787	82.06	179.70	533.43			
1/11/99 19:00	1009.88	29.82	0.782	82.84	181.11	532.39			
1/11/99 19:15	1009.88	29.82	0.779	83.10	181.58	531.73			
1/11/99 19:30	1009.75	29.82	0.782	83.10	181.58	532.81	533.45		
1/11/99 19:45	1009.75	29.82	0.769	83.10	181.58	534.93			
1/11/99 20:00	1009.75	29.82	0.791	83.10	181.58	535.57			
1/11/99 20:15	1009.75	29.82	0.793	83.10	181.58	536.21			
1/11/99 20:30	1009.75	29.82	0.794	83.10	181.58	536.62	536.03		
1/11/99 20:45	1009.88	29.82	0.793	83.10	181.58	536.18			
1/11/99 21:00	1009.75	29.82	0.790	83.36	182.05	535.56			
1/11/99 21:15	1009.75	29.82	0.786	83.89	182.99	534.66			
1/11/99 21:30	1010.00	29.83	0.783	83.89	182.99	533.54	534.59		
1/11/99 21:45	1010.13	29.83	0.785	84.15	183.46	534.35			
1/11/99 22:00	1010.00	29.83	0.788	83.62	182.52	534.84			
1/11/99 22:15	1010.00	29.83	0.790	83.62	182.52	535.69			
1/11/99 22:30	1010.00	29.83	0.789	83.62	182.52	535.25	534.70		
1/11/99 22:45	1010.00	29.83	0.781	84.15	183.46	533.09			
1/11/99 23:00	1010.00	29.83	0.786	83.89	182.99	534.60			
1/11/99 23:15	1010.00	29.83	0.788	84.15	183.46	534.79			
1/11/99 23:30	1009.88	29.82	0.784	84.15	183.46	533.98	533.66		
1/11/99 23:45	1010.13	29.83	0.778	84.93	184.87	532.58			
1/12/99 0:00	1010.13	29.83	0.778	84.93	184.87	532.38			
1/12/99 0:15	1010.00	29.83	0.773	85.19	185.35	531.09			
1/12/99 0:30	1010.00	29.83	0.777	85.19	185.35	532.40	533.18		
1/12/99 0:45	1010.25	29.83	0.781	85.19	185.35	533.80			
1/12/99 1:00	1010.25	29.83	0.789	84.67	184.40	536.21			
1/12/99 1:15	1010.25	29.83	0.792	84.41	183.93	536.86			
1/12/99 1:30	1010.25	29.83	0.797	83.89	182.99	538.16	537.35		
1/12/99 1:45	1010.38	29.84	0.794	83.89	182.99	537.28			
1/12/99 2:00	1010.63	29.84	0.797	84.15	183.46	538.25			
1/12/99 2:15	1010.88	29.85	0.786	84.67	184.40	534.75			
1/12/99 2:30	1011.00	29.85	0.783	85.71	186.29	534.64	534.85		
1/12/99 2:45	1011.13	29.86	0.776	85.96	186.76	532.44			
1/12/99 3:00	1011.13	29.86	0.781	85.96	186.76	534.15			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/12/99 3:15	1011.25	29.86	0.784	85.71	186.29	535.02			
1/12/99 3:30	1011.38	29.87	0.786	85.45	185.82	535.41	535.19		
1/12/99 3:45	1011.50	29.87	0.786	85.71	186.29	535.36			
1/12/99 4:00	1011.50	29.87	0.789	85.19	185.35	536.03			
1/12/99 4:15	1011.63	29.87	0.796	84.93	184.87	538.34			
1/12/99 4:30	1011.63	29.87	0.793	85.19	185.35	537.26	536.99		
1/12/99 4:45	1011.63	29.87	0.792	85.19	185.35	537.08			
1/12/99 5:00	1011.63	29.87	0.790	84.93	184.87	536.24			
1/12/99 5:15	1011.88	29.88	0.788	84.93	184.87	535.53			
1/12/99 5:30	1012.00	29.88	0.787	85.19	185.35	535.28	534.89		
1/12/99 5:45	1012.25	29.89	0.782	85.45	185.82	533.71			
1/12/99 6:00	1012.13	29.89	0.781	85.71	186.29	533.70			
1/12/99 6:15	1012.25	29.89	0.781	85.45	185.82	533.47			
1/12/99 6:30	1012.13	29.89	0.789	84.93	184.87	535.67	538.14		
1/12/99 6:45	1012.50	29.90	0.796	84.67	184.40	537.91			
1/12/99 7:00	1012.88	29.91	0.804	84.15	183.46	539.94			
1/12/99 7:15	1013.13	29.92	0.804	84.15	183.46	539.88			
1/12/99 7:30	1013.00	29.91	0.805	83.89	182.99	540.15	539.84		
1/12/99 7:45	1013.25	29.92	0.805	84.15	183.46	540.28			
1/12/99 8:00	1013.38	29.92	0.801	84.41	183.93	538.97			
1/12/99 8:15	1013.38	29.92	0.797	85.19	185.35	538.31			
1/12/99 8:30	1013.25	29.92	0.793	85.19	185.35	536.85	540.96		
1/12/99 8:45	1013.25	29.92	0.794	85.45	185.82	537.69			
1/12/99 9:00	1013.50	29.93	0.846	83.36	182.05	553.06			
1/12/99 9:15	1013.50	29.93	0.791	85.71	186.29	536.74			
1/12/99 9:30	1013.63	29.93	0.793	86.24	187.23	537.74	540.53		
1/12/99 9:45	1013.88	29.94	0.791	86.24	187.23	537.03			
1/12/99 10:00	1014.00	29.94	0.794	86.24	187.23	538.08			
1/12/99 10:15	1014.13	29.95	0.794	86.50	187.70	538.24			
1/12/99 10:30	1014.00	29.94	0.788	87.02	188.64	536.32	537.07		
1/12/99 10:45	1014.13	29.95	0.788	87.54	189.58	536.03			
1/12/99 11:00	1014.13	29.95	0.788	87.54	189.58	536.88			
1/12/99 11:15	1014.13	29.95	0.790	87.02	188.64	537.14			
1/12/99 11:30	1014.13	29.95	0.759	88.85	191.93	527.73	533.58		
1/12/99 11:45	1014.00	29.94	0.766	89.37	192.87	530.74			
1/12/99 12:00	1013.88	29.94	0.782	88.59	191.46	535.81			
1/12/99 12:15	1013.63	29.93	0.795	87.28	189.11	539.16			
1/12/99 12:30	1013.38	29.92	0.794	87.02	188.64	538.83	539.08		
1/12/99 12:45	1013.25	29.92	0.798	87.02	188.64	539.92			
1/12/99 13:00	1013.00	29.91	0.804	86.76	188.17	541.88			
1/12/99 13:15	1012.88	29.91	0.804	87.02	188.64	542.11			
1/12/99 13:30	1012.88	29.91	0.799	87.28	189.11	540.85	541.60		
1/12/99 13:45	1012.88	29.91	0.803	87.02	188.64	541.91			
1/12/99 14:00	1012.88	29.91	0.801	87.02	188.64	541.27			
1/12/99 14:15	1012.75	29.91	0.796	87.28	189.11	539.60			
1/12/99 14:30	1012.75	29.91	0.796	87.28	189.11	539.60	538.61		
1/12/99 14:45	1012.75	29.91	0.793	87.02	188.64	538.56			
1/12/99 15:00	1012.75	29.91	0.779	87.54	189.58	534.03			
1/12/99 15:15	1012.75	29.91	0.778	88.07	190.52	534.21			
1/12/99 15:30	1012.88	29.91	0.763	88.59	191.46	529.39	530.64		
1/12/99 15:45	1012.88	29.91	0.761	89.11	192.40	529.11			
1/12/99 16:00	1012.88	29.91	0.752	89.90	193.81	526.44			
1/12/99 16:15	1012.88	29.91	0.739	90.42	194.75	522.17			
1/12/99 16:30	1013.00	29.91	0.731	91.46	196.63	520.01	520.55		
1/12/99 16:45	1013.13	29.92	0.724	91.99	197.57	517.89			
1/12/99 17:00	1013.13	29.92	0.718	92.77	198.98	518.22			
1/12/99 17:15	1013.38	29.92	0.712	93.03	199.45	514.32			
1/12/99 17:30	1013.25	29.92	0.709	93.29	199.93	513.38	513.38		
1/12/99 17:45	1013.25	29.92	0.705	93.29	199.93	512.04			
1/12/99 18:00	1013.50	29.93	0.702	93.29	199.93	510.85			
1/12/99 18:15	1013.50	29.93	0.702	93.29	199.93	510.85			
1/12/99 18:30	1013.38	29.92	0.700	93.55	200.40	510.37	510.68		
1/12/99 18:45	1013.38	29.92	0.701	93.55	200.40	510.81			
1/12/99 19:00	1013.50	29.93	0.700	93.81	200.87	510.52			
1/12/99 19:15	1013.50	29.93	0.698	93.81	200.87	509.83			
1/12/99 19:30	1013.38	29.92	0.683	95.12	203.22	505.02	507.85		
1/12/99 19:45	1013.25	29.92	0.689	94.86	202.75	507.16			
1/12/99 20:00	1013.25	29.92	0.688	94.86	202.75	506.72			
1/12/99 20:15	1013.13	29.92	0.678	95.64	204.16	503.59			
1/12/99 20:30	1013.00	29.91	0.674	96.17	205.10	502.56	327.37		
1/12/99 20:45	1013.13	29.92	0.044	73.43	164.18	123.99			
1/12/99 21:00	1013.25	29.92	0.000	58.80	137.84	0.00			
1/12/99 21:15	1013.13	29.92	0.000	49.39	120.91	0.00			
1/12/99 21:30	1013.13	29.92	0.000	42.60	108.68	0.00	111.66		
1/12/99 21:45	1013.13	29.92	0.000	37.64	99.75	0.00			
1/12/99 22:00	1013.00	29.91	0.931	57.78	135.96	559.30			
1/12/99 22:15	1013.00	29.91	0.923	67.16	152.69	564.72			
1/12/99 22:30	1013.00	29.91	1.113	59.85	139.72	613.25	585.91		
1/12/99 22:45	1013.13	29.92	1.361	59.58	139.25	676.04			
1/12/99 23:00	1013.25	29.92	0.495	68.47	155.24	414.27			
1/12/99 23:15	1013.25	29.92	0.000	55.14	131.26	0.00			
1/12/99 23:30	1013.25	29.92	0.000	46.00	114.80	0.00	82.85		
1/12/99 23:45	1013.13	29.92	0.000	39.99	103.98	0.00			
1/13/99 0:00	1012.88	29.91	0.000	35.55	95.98	0.00			
1/13/99 0:15	1012.75	29.91	0.000	31.89	89.40	0.00			
1/13/99 0:30	1012.75	29.91	0.000	29.01	84.22	0.00	0.00		
1/13/99 0:45	1012.50	29.90	0.000	26.40	79.52	0.00			
1/13/99 1:00	1012.38	29.90	0.000	24.57	76.23	0.00			
1/13/99 1:15	1012.38	29.90	0.000	23.00	73.41	0.00			
1/13/99 1:30	1012.38	29.90	0.000	22.22	72.00	0.00	0.00		
1/13/99 1:45	1012.50	29.90	0.000	21.17	70.11	0.00			
1/13/99 2:00	1012.38	29.90	0.000	20.39	68.70	0.00			
1/13/99 2:15	1012.38	29.90	0.000	19.61	67.29	0.00			
1/13/99 2:30	1012.38	29.90	0.000	19.08	66.35	0.00	183.57		
1/13/99 2:45	1012.50	29.90	0.256	21.17	70.11	276.43			
1/13/99 3:00	1012.38	29.90	1.259	48.61	119.50	641.41			
1/13/99 3:15	1012.13	29.89	1.141	50.18	122.32	612.33			
1/13/99 3:30	1012.13	29.89	1.395	53.31	127.96	680.24	639.62		
1/13/99 3:45	1012.13	29.89	1.278	51.22	124.20	648.88			
1/13/99 4:00	1012.25	29.89	1.139	53.64	128.91	615.23			
1/13/99 4:15	1012.25	29.89	1.096	59.32	138.78	608.49			
1/13/99 4:30	1012.25	29.89	1.282	56.97	134.55	650.55	570.46		
1/13/99 4:45	1012.63	29.90	1.205	49.13	120.44	628.01			
1/13/99 5:00	1013.00	29.91	0.384	58.02	136.43	350.01			
1/13/99 5:15	1013.38	29.92	0.000	44.95	112.91	0.00			
1/13/99 5:30	1013.50	29.93	0.000	38.16	100.69	0.00	83.92		
1/13/99 5:45	1013.88	29.94	0.016	32.67	90.81	69.56			
1/13/99 6:00	1014.25	29.95	0.000	29.27	84.69	0.00			
1/13/99 6:15	1014.50	29.96	0.000	26.66	79.99	0.00			
1/13/99 6:30	1014.88	29.97	0.000	24.57	76.23	0.00	0.00		
1/13/99 6:45	1015.13	29.98	0.000	22.74	72.94	0.00			
1/13/99 7:00	1015.50	29.99	0.000	21.44	70.58	0.00			
1/13/99 7:15	1015.88	30.00	0.000	20.13	68.23	0.00			
1/13/99 7:30	1016.13	30.01	0.000	19.35	66.62	0.00	0.00		
1/13/99 7:45	1016.25	30.01	0.000	18.30	64.94	0.00			
1/13/99 8:00	1016.50	30.02	0.000	17.52	63.53	0.00			
1/13/99 8:15	1016.75	30.02	0.000	16.99	62.59	0.00			
1/13/99 8:30	1016.75	30.02	0.000	16.21	61.16	0.00	0.00		
1/13/99 8:45	1017.00	30.03	0.000	15.69	60.24	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/13/99 9:00	1017.13	30.04	0.000	15.16	59.30	0.00			
1/13/99 9:15	1017.50	30.05	0.000	14.64	58.36	0.00			
1/13/99 9:30	1017.75	30.05	0.000	14.64	58.36	0.00	0.00		
1/13/99 9:45	1017.88	30.06	0.000	14.12	57.42	0.00			
1/13/99 10:00	1018.13	30.07	0.000	13.86	56.95	0.00			
1/13/99 10:15	1018.38	30.07	0.000	13.60	56.47	0.00			
1/13/99 10:30	1018.75	30.08	0.000	13.34	56.00	0.00	0.00		
1/13/99 10:45	1019.00	30.09	0.000	13.34	56.00	0.00			
1/13/99 11:00	1019.00	30.09	0.000	13.34	56.00	0.00			
1/13/99 11:15	1018.88	30.09	0.000	13.07	55.53	0.00			
1/13/99 11:30	1018.75	30.08	0.000	12.55	54.59	0.00	0.00		
1/13/99 11:45	1018.75	30.08	0.000	12.55	54.59	0.00			
1/13/99 12:00	1018.63	30.08	0.000	12.55	54.59	0.00			
1/13/99 12:15	1018.88	30.09	0.000	12.55	54.59	0.00			
1/13/99 12:30	1019.00	30.09	0.000	12.29	54.12	0.00	0.00		
1/13/99 12:45	1018.88	30.09	0.000	12.29	54.12	0.00			
1/13/99 13:00	1018.75	30.08	0.000	12.29	54.12	0.00			
1/13/99 13:15	1018.88	30.09	0.000	12.03	53.65	0.00			
1/13/99 13:30	1019.00	30.09	0.000	12.03	53.85	0.00	0.00		
1/13/99 13:45	1019.13	30.09	0.000	12.03	53.85	0.00			
1/13/99 14:00	1019.25	30.10	0.000	12.03	53.65	0.00			
1/13/99 14:15	1019.25	30.10	0.000	12.03	53.85	0.00			
1/13/99 14:30	1019.38	30.10	0.000	11.77	53.18	0.00	0.00		
1/13/99 14:45	1019.50	30.11	0.000	11.77	53.18	0.00			
1/13/99 15:00	1019.75	30.11	0.000	11.51	52.71	0.00			
1/13/99 15:15	1020.00	30.12	0.000	11.51	52.71	0.00			
1/13/99 15:30	1020.25	30.13	0.000	11.51	52.71	0.00	0.00		
1/13/99 15:45	1020.38	30.13	0.000	11.51	52.71	0.00			
1/13/99 16:00	1020.50	30.14	0.000	11.25	52.24	0.00			
1/13/99 16:15	1020.75	30.14	0.000	11.25	52.24	0.00			
1/13/99 16:30	1021.13	30.15	0.000	10.98	51.77	0.00	0.00		
1/13/99 16:45	1021.38	30.16	0.000	10.98	51.77	0.00			
1/13/99 17:00	1021.63	30.17	0.000	10.98	51.77	0.00			
1/13/99 17:15	1021.88	30.18	0.000	10.72	51.30	0.00			
1/13/99 17:30	1022.13	30.18	0.000	10.20	50.36	0.00	0.00		
1/13/99 17:45	1022.25	30.19	0.000	10.20	50.36	0.00			
1/13/99 18:00	1022.50	30.19	0.000	10.20	50.36	0.00			
1/13/99 18:15	1022.63	30.20	0.000	9.94	49.89	0.00			
1/13/99 18:30	1022.75	30.20	0.000	9.88	49.42	0.00	0.00		
1/13/99 18:45	1022.75	30.20	0.000	9.88	49.42	0.00			
1/13/99 19:00	1022.75	30.20	0.000	9.42	48.95	0.00			
1/13/99 19:15	1022.88	30.21	0.000	9.16	48.48	0.00			
1/13/99 19:30	1023.13	30.21	0.000	6.89	48.01	0.00	0.00		
1/13/99 19:45	1023.25	30.22	0.000	6.89	48.01	0.00			
1/13/99 20:00	1023.38	30.22	0.000	8.89	48.01	0.00			
1/13/99 20:15	1023.38	30.22	0.000	8.89	48.01	0.00			
1/13/99 20:30	1023.25	30.22	0.000	8.63	47.54	0.00	0.00		
1/13/99 20:45	1023.25	30.22	0.000	8.63	47.54	0.00			
1/13/99 21:00	1023.38	30.22	0.000	8.37	47.07	0.00			
1/13/99 21:15	1023.25	30.22	0.000	8.37	47.07	0.00			
1/13/99 21:30	1023.13	30.21	0.000	8.37	47.07	0.00	0.00		
1/13/99 21:45	1023.25	30.22	0.000	8.37	47.07	0.00			
1/13/99 22:00	1023.00	30.21	0.000	8.37	47.07	0.00			
1/13/99 22:15	1023.13	30.21	0.000	8.37	47.07	0.00			
1/13/99 22:30	1023.00	30.21	0.000	8.37	47.07	0.00	0.00		
1/13/99 22:45	1022.88	30.21	0.000	8.11	46.60	0.00			
1/13/99 23:00	1022.88	30.21	0.000	8.11	46.60	0.00			
1/13/99 23:15	1023.00	30.21	0.000	8.11	46.60	0.00			
1/13/99 23:30	1023.00	30.21	0.000	8.11	46.60	0.00	0.00		
1/13/99 23:45	1023.13	30.21	0.000	8.11	46.60	0.00			
1/14/99 0:00	1022.75	30.20	0.000	8.11	46.60	0.00			
1/14/99 0:15	1022.50	30.19	0.000	7.85	46.13	0.00			
1/14/99 0:30	1022.38	30.19	0.000	7.85	46.13	0.00	0.00		
1/14/99 0:45	1022.25	30.19	0.000	7.85	46.13	0.00			
1/14/99 1:00	1022.13	30.18	0.000	7.85	46.13	0.00			
1/14/99 1:15	1022.13	30.18	0.000	7.85	46.13	0.00			
1/14/99 1:30	1022.00	30.16	0.000	8.11	46.60	0.00	0.00		
1/14/99 1:45	1022.00	30.18	0.000	7.85	46.13	0.00			
1/14/99 2:00	1022.13	30.18	0.000	7.33	45.19	0.00			
1/14/99 2:15	1022.00	30.18	0.000	7.33	45.19	0.00			
1/14/99 2:30	1022.00	30.18	0.000	7.33	45.19	0.00	0.00		
1/14/99 2:45	1021.75	30.17	0.000	7.33	45.19	0.00			
1/14/99 3:00	1021.75	30.17	0.000	7.59	45.66	0.00			
1/14/99 3:15	1021.63	30.17	0.000	7.85	46.13	0.00			
1/14/99 3:30	1021.50	30.18	0.000	7.85	46.13	0.00	0.00		
1/14/99 3:45	1021.00	30.15	0.000	8.11	46.60	0.00			
1/14/99 4:00	1020.88	30.15	0.000	8.11	46.60	0.00			
1/14/99 4:15	1020.88	30.15	0.000	8.37	47.07	0.00			
1/14/99 4:30	1020.88	30.15	0.000	8.37	47.07	0.00	0.00		
1/14/99 4:45	1020.88	30.15	0.000	8.37	47.07	0.00			
1/14/99 5:00	1021.00	30.15	0.000	8.37	47.07	0.00			
1/14/99 5:15	1021.00	30.15	0.000	8.37	47.07	0.00			
1/14/99 5:30	1021.13	30.15	0.000	8.37	47.07	0.00	0.00		
1/14/99 5:45	1021.50	30.16	0.000	8.11	46.60	0.00			
1/14/99 6:00	1021.75	30.17	0.000	7.85	46.13	0.00			
1/14/99 6:15	1022.00	30.18	0.000	7.59	45.66	0.00			
1/14/99 6:30	1022.13	30.18	0.000	7.59	45.66	0.00	0.00		
1/14/99 6:45	1022.13	30.18	0.000	7.59	45.66	0.00			
1/14/99 7:00	1022.00	30.18	0.000	7.33	45.19	0.00			
1/14/99 7:15	1022.25	30.19	0.000	7.59	45.66	0.00			
1/14/99 7:30	1022.50	30.19	0.000	7.59	45.66	0.00	0.00		
1/14/99 7:45	1022.63	30.20	0.000	7.33	45.19	0.00			
1/14/99 8:00	1022.50	30.19	0.000	7.06	44.72	0.00			
1/14/99 8:15	1022.50	30.19	0.000	7.06	44.72	0.00			
1/14/99 8:30	1022.50	30.19	0.000	7.06	44.72	0.00	0.00		
1/14/99 8:45	1022.25	30.19	0.000	7.06	44.72	0.00			
1/14/99 9:00	1022.25	30.19	0.000	7.06	44.72	0.00			
1/14/99 9:15	1022.38	30.19	0.000	7.06	44.72	0.00			
1/14/99 9:30	1022.25	30.19	0.000	6.80	44.25	0.00	0.00		
1/14/99 9:45	1022.13	30.18	0.000	7.06	44.72	0.00			
1/14/99 10:00	1022.25	30.19	0.000	7.06	44.72	0.00			
1/14/99 10:15	1022.13	30.18	0.000	7.06	44.72	0.00			
1/14/99 10:30	1022.00	30.18	0.000	7.06	44.72	0.00	155.68		
1/14/99 10:45	1021.88	30.18	0.334	21.70	71.05	315.01			
1/14/99 11:00	1021.88	30.18	0.668	46.52	115.74	463.40			
1/14/99 11:15	1022.00	30.18	0.671	47.30	117.15	465.02			
1/14/99 11:30	1022.00	30.18	1.028	66.38	151.48	592.66	550.94		
1/14/99 11:45	1022.00	30.18	1.114	68.47	155.24	616.92			
1/14/99 12:00	1021.88	30.16	1.105	66.64	151.95	614.69			
1/14/99 12:15	1021.63	30.17	1.128	64.55	148.19	619.08			
1/14/99 12:30	1021.25	30.16	1.144	63.50	146.31	622.67	620.54		
1/14/99 12:45	1021.00	30.15	1.146	64.03	147.25	623.93			
1/14/99 13:00	1021.00	30.15	1.141	63.77	146.78	622.33			
1/14/99 13:15	1021.00	30.15	0.718	85.19	185.35	509.09			
1/14/99 13:30	1020.63	30.14	0.704	92.25	198.04	508.99	531.78		
1/14/99 13:45	1020.38	30.13	0.707	91.20	196.16	509.48			
1/14/99 14:00	1020.50	30.14	0.704	92.25	198.04	509.02			
1/14/99 14:15	1020.75	30.14	0.713	92.51	198.51	512.31			
1/14/99 14:30	1020.50	30.14	0.728	88.33	190.99	514.98	517.95		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/14/99 14:45	1020.25	30.13	0.754	87.02	188.64	523.32			
1/14/99 15:00	1020.25	30.13	0.773	87.80	190.05	530.14			
1/14/99 15:15	1020.25	30.13	0.788	86.76	188.17	533.84			
1/14/99 15:30	1020.25	30.13	0.792	84.87	184.40	534.42	534.03		
1/14/99 15:45	1020.38	30.13	0.798	84.41	183.93	538.07			
1/14/99 16:00	1020.38	30.13	0.797	84.15	183.48	535.88			
1/14/99 16:15	1020.25	30.13	0.798	83.89	182.99	535.92			
1/14/99 16:30	1020.63	30.14	0.798	81.53	178.76	533.85	536.03		
1/14/99 16:45	1020.75	30.14	0.806	83.36	182.05	538.10			
1/14/99 17:00	1020.50	30.14	0.797	85.45	185.82	538.82			
1/14/99 17:15	1020.50	30.14	0.807	84.41	183.93	539.19			
1/14/99 17:30	1020.50	30.14	0.804	83.10	181.58	537.14	537.80		
1/14/99 17:45	1020.38	30.13	0.804	84.41	183.93	538.15			
1/14/99 18:00	1020.25	30.13	0.809	81.79	179.23	537.88			
1/14/99 18:15	1020.25	30.13	0.805	83.89	182.99	538.23			
1/14/99 18:30	1020.38	30.13	0.809	84.87	184.40	540.02	539.00		
1/14/99 18:45	1020.38	30.13	0.810	83.36	182.05	539.47			
1/14/99 19:00	1020.50	30.14	0.808	84.41	183.93	539.39			
1/14/99 19:15	1020.75	30.14	0.809	83.89	182.99	539.56			
1/14/99 19:30	1020.75	30.14	0.814	83.89	182.99	541.00	538.81		
1/14/99 19:45	1021.00	30.15	0.805	80.49	176.88	535.47			
1/14/99 20:00	1021.13	30.15	0.808	83.36	182.05	538.64			
1/14/99 20:15	1021.13	30.15	0.813	84.41	183.93	540.89			
1/14/99 20:30	1020.88	30.15	0.818	83.36	182.05	542.03	539.57		
1/14/99 20:45	1020.63	30.14	0.806	83.36	182.05	538.14			
1/14/99 21:00	1020.50	30.14	0.806	83.82	182.52	538.17			
1/14/99 21:15	1020.50	30.14	0.811	84.15	183.48	540.23			
1/14/99 21:30	1020.63	30.14	0.807	81.27	178.29	536.79	537.95		
1/14/99 21:45	1020.75	30.14	0.807	82.58	180.64	537.74			
1/14/99 22:00	1021.00	30.15	0.804	82.84	181.11	536.81			
1/14/99 22:15	1020.88	30.15	0.812	83.82	182.52	540.17			
1/14/99 22:30	1021.13	30.15	0.809	84.15	183.48	539.66	537.48		
1/14/99 22:45	1020.88	30.15	0.795	85.45	185.82	535.88			
1/14/99 23:00	1020.75	30.14	0.793	85.19	185.35	534.88			
1/14/99 23:15	1020.63	30.14	0.800	84.87	184.40	537.04			
1/14/99 23:30	1020.88	30.15	0.796	83.36	182.05	534.72	536.04		
1/14/99 23:45	1020.75	30.14	0.798	83.36	182.05	535.19			
1/15/99 0:00	1021.13	30.15	0.803	85.19	185.35	538.34			
1/15/99 0:15	1021.13	30.15	0.807	84.41	183.93	539.03			
1/15/99 0:30	1021.25	30.16	0.802	84.41	183.93	537.32	537.81		
1/15/99 0:45	1021.00	30.15	0.803	84.41	183.93	537.59			
1/15/99 1:00	1020.88	30.15	0.801	83.89	182.99	536.79			
1/15/99 1:15	1020.75	30.14	0.804	83.89	182.99	537.90			
1/15/99 1:30	1020.63	30.14	0.804	84.15	183.48	537.89	537.07		
1/15/99 1:45	1020.50	30.14	0.799	84.15	183.48	536.48			
1/15/99 2:00	1020.50	30.14	0.799	83.89	182.99	536.29			
1/15/99 2:15	1020.38	30.13	0.807	84.15	183.48	539.03			
1/15/99 2:30	1020.63	30.14	0.804	84.41	183.93	538.32	537.62		
1/15/99 2:45	1020.63	30.14	0.800	83.10	181.58	535.87			
1/15/99 3:00	1021.00	30.15	0.805	84.87	184.40	538.62			
1/15/99 3:15	1021.13	30.15	0.805	83.36	182.05	537.60			
1/15/99 3:30	1021.13	30.15	0.804	84.41	183.93	537.96	536.54		
1/15/99 3:45	1021.13	30.15	0.791	84.41	183.93	533.55			
1/15/99 4:00	1021.13	30.15	0.792	85.71	186.29	534.97			
1/15/99 4:15	1021.00	30.15	0.794	84.87	184.40	534.83			
1/15/99 4:30	1021.13	30.15	0.789	85.71	186.29	533.88	534.35		
1/15/99 4:45	1021.13	30.15	0.788	85.45	185.82	533.28			
1/15/99 5:00	1021.00	30.15	0.792	85.45	185.82	534.80			
1/15/99 5:15	1020.88	30.15	0.798	84.93	184.87	536.54			
1/15/99 5:30	1020.75	30.14	0.798	84.41	183.93	535.98	536.20		
1/15/99 5:45	1020.63	30.14	0.801	84.87	184.40	537.24			
1/15/99 6:00	1020.50	30.14	0.798	84.87	184.40	536.44			
1/15/99 6:15	1020.63	30.14	0.803	84.15	183.48	537.49			
1/15/99 6:30	1020.75	30.14	0.786	84.41	183.93	532.16	534.57		
1/15/99 6:45	1020.88	30.15	0.788	84.87	184.40	532.97			
1/15/99 7:00	1020.88	30.15	0.790	84.93	184.87	533.81			
1/15/99 7:15	1020.88	30.15	0.790	85.71	186.29	534.39			
1/15/99 7:30	1021.13	30.15	0.789	85.19	185.35	533.50	534.78		
1/15/99 7:45	1021.13	30.15	0.795	84.87	184.40	535.23			
1/15/99 8:00	1021.00	30.15	0.802	83.89	182.99	536.99			
1/15/99 8:15	1020.75	30.14	0.796	84.93	184.87	535.73			
1/15/99 8:30	1020.50	30.14	0.793	84.93	184.87	534.75	534.89		
1/15/99 8:45	1020.50	30.14	0.793	85.19	185.35	534.94			
1/15/99 9:00	1020.63	30.14	0.788	83.36	182.05	532.06			
1/15/99 9:15	1020.50	30.14	0.785	84.15	183.48	531.63			
1/15/99 9:30	1020.63	30.14	0.783	83.89	182.99	530.56	532.23		
1/15/99 9:45	1020.75	30.14	0.788	85.45	185.82	532.94			
1/15/99 10:00	1021.00	30.15	0.791	84.87	184.40	533.98			
1/15/99 10:15	1021.25	30.16	0.791	84.15	183.48	533.33			
1/15/99 10:30	1021.25	30.16	0.786	85.71	188.29	533.00	534.07		
1/15/99 10:45	1021.25	30.16	0.793	84.87	184.40	534.36			
1/15/99 11:00	1021.00	30.15	0.796	84.87	184.40	535.67			
1/15/99 11:15	1020.63	30.14	0.779	83.36	182.05	529.12			
1/15/99 11:30	1020.38	30.13	0.780	84.41	183.93	530.16	532.36		
1/15/99 11:45	1020.00	30.12	0.788	85.19	185.35	533.59			
1/15/99 12:00	1019.75	30.11	0.789	84.41	183.93	533.27			
1/15/99 12:15	1019.50	30.11	0.783	84.87	184.40	531.63			
1/15/99 12:30	1019.25	30.10	0.783	84.41	183.93	531.30	532.60		
1/15/99 12:45	1019.25	30.10	0.790	84.15	183.48	533.65			
1/15/99 13:00	1019.25	30.10	0.788	85.19	185.35	533.14			
1/15/99 13:15	1019.13	30.09	0.777	83.89	182.99	529.04			
1/15/99 13:30	1019.13	30.09	0.786	84.93	184.87	532.77	532.24		
1/15/99 13:45	1018.88	30.09	0.793	84.15	183.48	534.59			
1/15/99 14:00	1018.50	30.08	0.781	85.19	185.35	531.64			
1/15/99 14:15	1018.00	30.06	0.781	84.41	183.93	531.19			
1/15/99 14:30	1017.88	30.06	0.782	85.19	185.35	532.04	531.95		
1/15/99 14:45	1017.75	30.05	0.788	85.19	185.35	533.33			
1/15/99 15:00	1017.63	30.05	0.783	83.89	182.99	531.54			
1/15/99 15:15	1017.50	30.05	0.776	84.93	184.87	530.00			
1/15/99 15:30	1017.38	30.04	0.774	86.50	187.70	530.33	531.52		
1/15/99 15:45	1017.25	30.04	0.783	85.45	185.82	532.60			
1/15/99 16:00	1017.00	30.03	0.785	84.93	184.87	533.13			
1/15/99 16:15	1017.00	30.03	0.774	85.98	186.76	530.05			
1/15/99 16:30	1016.88	30.03	0.770	85.45	185.82	528.43	529.89		
1/15/99 16:45	1016.75	30.02	0.774	83.89	182.99	528.57			
1/15/99 17:00	1016.75	30.02	0.778	82.84	181.11	529.29			
1/15/99 17:15	1017.00	30.03	0.780	84.93	184.87	531.43			
1/15/99 17:30	1016.88	30.03	0.768	86.76	188.17	528.73	530.34		
1/15/99 17:45	1016.88	30.03	0.775	86.24	187.23	530.72			
1/15/99 18:00	1017.00	30.03	0.777	86.50	187.70	531.53			
1/15/99 18:15	1016.75	30.02	0.774	85.98	186.76	530.11			
1/15/99 18:30	1016.38	30.01	0.787	84.15	183.48	528.53	527.69		
1/15/99 18:45	1016.13	30.01	0.765	83.62	182.52	525.56			
1/15/99 19:00	1016.00	30.00	0.763	83.36	182.05	524.74			
1/15/99 19:15	1016.00	30.00	0.762	84.93	184.87	525.48			
1/15/99 19:30	1015.63	29.99	0.766	87.28	189.11	529.44	527.16		
1/15/99 19:45	1015.50	29.99	0.776	84.15	183.48	530.38			
1/15/99 20:00	1015.38	29.98	0.784	83.89	182.99	525.74			
1/15/99 20:15	1015.25	29.98	0.766	86.24	187.23	528.12			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/15/99 20:30	1015.25	29.98	0.773	84.93	184.87	529.53	528.84		
1/15/99 20:45	1015.13	29.98	0.787	83.62	182.52	528.47			
1/15/99 21:00	1014.88	29.97	0.760	83.89	182.99	524.35			
1/15/99 21:15	1014.88	29.97	0.757	83.89	182.99	523.28			
1/15/99 21:30	1014.63	29.96	0.759	83.89	182.99	524.21	525.09		
1/15/99 21:45	1014.38	29.95	0.764	83.36	182.05	525.61			
1/15/99 22:00	1014.38	29.95	0.772	83.10	181.58	527.99			
1/15/99 22:15	1014.25	29.95	0.760	83.62	182.52	524.32			
1/15/99 22:30	1014.00	29.94	0.760	83.62	182.52	524.39	525.61		
1/15/99 22:45	1013.75	29.94	0.761	83.36	182.05	524.67			
1/15/99 23:00	1013.63	29.93	0.768	82.84	181.11	528.69			
1/15/99 23:15	1013.50	29.93	0.757	83.62	182.52	523.44			
1/15/99 23:30	1013.50	29.93	0.763	83.36	182.05	525.18	525.13		
1/15/99 23:45	1013.25	29.92	0.754	83.62	182.52	522.40			
1/16/99 0:00	1013.25	29.92	0.763	86.76	188.17	527.95			
1/16/99 0:15	1013.25	29.92	0.781	87.54	189.58	527.66			
1/16/99 0:30	1013.13	29.92	0.782	87.80	190.05	528.33	527.69		
1/16/99 0:45	1013.00	29.91	0.787	85.19	185.35	528.18			
1/16/99 1:00	1012.88	29.91	0.759	86.50	187.70	526.33			
1/16/99 1:15	1012.63	29.90	0.764	86.76	188.17	528.56			
1/16/99 1:30	1012.50	29.90	0.763	88.50	187.70	527.96	527.56		
1/16/99 1:45	1012.38	29.90	0.756	87.54	189.58	526.36			
1/16/99 2:00	1012.25	29.89	0.768	85.19	185.35	528.58			
1/16/99 2:15	1012.25	29.89	0.759	84.93	184.87	525.59			
1/16/99 2:30	1012.25	29.89	0.758	85.19	185.35	525.33	526.96		
1/16/99 2:45	1012.25	29.89	0.766	84.87	184.40	527.54			
1/16/99 3:00	1012.25	29.89	0.766	84.87	184.40	527.75			
1/16/99 3:15	1012.13	29.89	0.755	85.45	185.82	524.48			
1/16/99 3:30	1012.38	29.90	0.757	85.98	186.76	525.46	527.47		
1/16/99 3:45	1012.38	29.90	0.771	86.50	187.70	530.56			
1/16/99 4:00	1012.00	29.88	0.789	84.93	184.87	529.10			
1/16/99 4:15	1011.75	29.88	0.788	84.93	184.87	528.72			
1/16/99 4:30	1011.75	29.88	0.766	85.19	185.35	526.26	527.99		
1/16/99 4:45	1011.75	29.88	0.761	85.71	186.29	526.92			
1/16/99 5:00	1011.75	29.88	0.761	85.71	186.29	526.92			
1/16/99 5:15	1011.88	29.88	0.760	85.71	186.29	528.47			
1/16/99 5:30	1012.00	29.88	0.761	85.98	186.76	526.84	527.57		
1/16/99 5:45	1011.75	29.88	0.771	85.19	185.35	529.78			
1/16/99 6:00	1011.63	29.87	0.764	85.45	185.82	527.87			
1/16/99 6:15	1011.50	29.87	0.758	85.98	186.76	526.10			
1/16/99 6:30	1011.50	29.87	0.755	86.50	187.70	525.41	526.99		
1/16/99 6:45	1011.38	29.87	0.765	85.71	186.29	528.33			
1/16/99 7:00	1011.25	29.86	0.761	85.98	186.76	527.24			
1/16/99 7:15	1011.38	29.87	0.760	86.24	187.23	526.98			
1/16/99 7:30	1011.75	29.88	0.756	86.76	188.17	525.95	527.56		
1/16/99 7:45	1011.75	29.88	0.767	85.98	186.76	529.08			
1/16/99 8:00	1012.00	29.88	0.765	86.24	187.23	528.55			
1/16/99 8:15	1012.00	29.88	0.756	87.02	188.64	526.07			
1/16/99 8:30	1011.88	29.88	0.760	86.76	188.17	527.24	527.42		
1/16/99 8:45	1012.00	29.88	0.758	86.76	188.17	525.88			
1/16/99 9:00	1012.13	29.89	0.767	86.50	187.70	529.37			
1/16/99 9:15	1012.13	29.89	0.781	86.76	188.17	527.38			
1/16/99 9:30	1012.00	29.88	0.752	87.54	189.58	524.96	527.72		
1/16/99 9:45	1012.25	29.89	0.761	87.54	189.58	527.92			
1/16/99 10:00	1012.50	29.90	0.764	87.28	189.11	526.98			
1/16/99 10:15	1012.63	29.90	0.771	87.28	189.11	531.30			
1/16/99 10:30	1013.00	29.91	0.777	87.02	188.64	532.96	532.00		
1/16/99 10:45	1012.63	29.90	0.774	87.02	188.64	532.20			
1/16/99 11:00	1012.63	29.90	0.781	87.02	188.64	534.53			
1/16/99 11:15	1012.63	29.90	0.784	87.02	188.64	535.63			
1/16/99 11:30	1012.50	29.90	0.776	87.28	189.11	533.70	535.04		
1/16/99 11:45	1012.13	29.89	0.780	87.28	189.11	534.45			
1/16/99 12:00	1012.50	29.90	0.787	87.54	189.58	536.90			
1/16/99 12:15	1012.50	29.90	0.783	87.80	190.05	535.59			
1/16/99 12:30	1012.75	29.91	0.781	88.33	190.99	535.47	535.33		
1/16/99 12:45	1012.75	29.91	0.784	88.59	191.46	536.52			
1/16/99 13:00	1012.75	29.91	0.789	89.37	192.87	532.18			
1/16/99 13:15	1013.00	29.91	0.788	90.18	194.28	532.03			
1/16/99 13:30	1012.88	29.91	0.787	90.42	194.75	532.04	531.85		
1/16/99 13:45	1012.88	29.91	0.768	90.68	195.22	532.44			
1/16/99 14:00	1012.50	29.90	0.761	90.94	195.69	530.54			
1/16/99 14:15	1013.38	29.92	0.756	91.48	196.63	528.74			
1/16/99 14:30	1013.75	29.94	0.750	91.99	197.57	527.05	527.84		
1/16/99 14:45	1014.00	29.94	0.749	92.25	198.04	526.72			
1/16/99 15:00	1014.25	29.95	0.744	92.25	198.04	525.14			
1/16/99 15:15	1014.50	29.96	0.744	92.51	198.51	525.02			
1/16/99 15:30	1014.50	29.96	0.719	94.08	201.34	517.47	516.24		
1/16/99 15:45	1014.25	29.95	0.707	95.38	203.69	513.93			
1/16/99 16:00	1014.38	29.95	0.694	96.17	205.10	509.62			
1/16/99 16:15	1014.63	29.96	0.688	96.95	206.51	507.81			
1/16/99 16:30	1015.13	29.98	0.688	96.69	206.04	507.73	508.31		
1/16/99 16:45	1015.50	29.99	0.690	96.43	205.57	508.16			
1/16/99 17:00	1015.88	30.00	0.690	96.69	206.04	508.24			
1/16/99 17:15	1016.25	30.01	0.690	95.90	204.63	507.61			
1/16/99 17:30	1016.38	30.01	0.695	95.64	204.16	509.24	508.37		
1/16/99 17:45	1016.50	30.02	0.694	95.38	203.69	508.55			
1/16/99 18:00	1018.75	30.02	0.694	94.60	202.28	508.20			
1/16/99 18:15	1018.88	30.03	0.699	93.81	200.87	509.45			
1/16/99 18:30	1017.00	30.03	0.692	93.55	200.40	506.50	508.02		
1/16/99 18:45	1017.13	30.04	0.694	93.03	199.45	506.77			
1/16/99 19:00	1017.25	30.04	0.702	92.25	198.04	509.18			
1/16/99 19:15	1017.50	30.05	0.699	92.25	198.04	507.95			
1/16/99 19:30	1017.50	30.05	0.705	91.46	196.63	509.69	508.64		
1/16/99 19:45	1017.63	30.05	0.697	91.99	197.57	507.09			
1/16/99 20:00	1017.88	30.06	0.703	91.99	197.57	509.27			
1/16/99 20:15	1018.00	30.06	0.706	91.72	197.10	510.18			
1/16/99 20:30	1018.13	30.07	0.709	91.20	196.16	510.69	510.96		
1/16/99 20:45	1018.25	30.07	0.711	90.94	195.69	511.16			
1/16/99 21:00	1018.25	30.07	0.718	90.42	194.75	513.48			
1/16/99 21:15	1018.38	30.07	0.723	89.63	193.34	514.88			
1/16/99 21:30	1018.38	30.07	0.726	88.85	191.93	515.88	515.47		
1/16/99 21:45	1018.50	30.08	0.729	88.85	191.93	516.32			
1/16/99 22:00	1018.63	30.08	0.732	88.85	191.93	517.17			
1/16/99 22:15	1018.63	30.08	0.736	89.90	193.81	519.44			
1/16/99 22:30	1018.50	30.08	0.741	89.90	193.61	521.02	520.06		
1/16/99 22:45	1018.38	30.07	0.742	89.11	192.40	520.95			
1/16/99 23:00	1018.50	30.08	0.744	89.37	192.87	521.74			
1/16/99 23:15	1018.75	30.08	0.748	88.33	190.99	521.56			
1/16/99 23:30	1016.88	30.09	0.743	87.80	190.05	520.30	521.29		
1/16/99 23:45	1019.13	30.09	0.747	87.54	189.58	521.38			
1/17/99 0:00	1018.88	30.09	0.747	87.54	189.58	521.44			
1/17/99 0:15	1018.86	30.09	0.749	87.28	189.11	521.88			
1/17/99 0:30	1018.75	30.08	0.751	87.02	188.64	522.38	522.00		
1/17/99 0:45	1018.88	30.09	0.751	87.02	188.64	522.35			
1/17/99 1:00	1019.00	30.09	0.750	86.76	188.17	521.92			
1/17/99 1:15	1019.00	30.09	0.757	88.33	190.99	525.46			
1/17/99 1:30	1018.75	30.08	0.753	87.02	188.64	523.25	524.15		
1/17/99 1:45	1018.86	30.09	0.758	88.07	190.52	525.51			
1/17/99 2:00	1018.86	30.09	0.754	88.33	190.99	524.62			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/17/99 2:15	1019.13	30.09	0.758	87.02	188.64	524.89			
1/17/99 2:30	1019.25	30.10	0.756	86.76	188.17	523.80	524.69		
1/17/99 2:45	1019.13	30.09	0.759	86.50	187.70	524.72			
1/17/99 3:00	1018.88	30.09	0.761	86.50	187.70	525.44			
1/17/99 3:15	1019.00	30.09	0.756	86.76	188.17	524.73			
1/17/99 3:30	1019.00	30.09	0.761	86.50	187.70	525.41	525.04		
1/17/99 3:45	1019.00	30.09	0.759	86.24	187.23	524.56			
1/17/99 4:00	1018.88	30.09	0.761	85.98	186.76	525.06			
1/17/99 4:15	1019.00	30.09	0.763	85.98	186.76	525.68			
1/17/99 4:30	1019.00	30.09	0.761	85.71	186.29	524.83	525.11		
1/17/99 4:45	1018.88	30.09	0.759	85.71	186.29	524.21			
1/17/99 5:00	1018.75	30.08	0.763	85.71	186.29	525.76			
1/17/99 5:15	1018.75	30.08	0.761	84.93	184.87	524.32			
1/17/99 5:30	1018.75	30.08	0.763	84.67	184.40	524.99	525.03		
1/17/99 5:45	1018.75	30.08	0.763	84.67	184.40	524.79			
1/17/99 6:00	1018.75	30.08	0.765	84.15	183.46	525.26			
1/17/99 6:15	1018.63	30.08	0.761	84.93	184.87	524.56			
1/17/99 6:30	1018.50	30.08	0.768	83.89	182.99	525.99	525.46		
1/17/99 6:45	1018.50	30.08	0.759	84.15	183.46	523.16			
1/17/99 7:00	1018.63	30.08	0.769	86.24	187.23	528.34			
1/17/99 7:15	1018.63	30.08	0.768	87.80	190.05	528.84			
1/17/99 7:30	1018.75	30.08	0.769	86.76	188.17	528.69	628.53		
1/17/99 7:45	1018.75	30.08	0.773	87.28	189.11	530.35			
1/17/99 8:00	1018.75	30.08	0.765	85.71	186.29	526.41			
1/17/99 8:15	1018.75	30.08	0.772	86.76	188.17	529.55			
1/17/99 8:30	1018.63	30.08	0.769	86.76	188.17	528.73	528.01		
1/17/99 8:45	1018.50	30.08	0.766	85.71	186.29	526.89			
1/17/99 9:00	1018.25	30.07	0.771	85.71	186.29	528.47			
1/17/99 9:15	1017.88	30.06	0.761	87.28	189.11	526.48			
1/17/99 9:30	1017.88	30.06	0.763	88.33	190.99	527.90	527.85		
1/17/99 9:45	1017.88	30.06	0.764	88.33	190.99	528.35			
1/17/99 10:00	1017.75	30.05	0.762	89.11	192.40	528.08			
1/17/99 10:15	1017.63	30.05	0.764	89.83	193.34	529.12			
1/17/99 10:30	1017.63	30.05	0.787	90.16	194.28	530.61	529.60		
1/17/99 10:45	1017.50	30.05	0.762	90.42	194.75	529.10			
1/17/99 11:00	1017.25	30.04	0.767	90.68	195.22	531.09			
1/17/99 11:15	1017.25	30.04	0.768	90.68	195.22	531.51			
1/17/99 11:30	1017.00	30.03	0.764	91.20	196.16	530.67	531.22		
1/17/99 11:45	1016.75	30.02	0.768	91.46	196.63	531.55			
1/17/99 12:00	1016.13	30.01	0.765	91.46	196.63	531.30			
1/17/99 12:15	1015.63	29.99	0.754	92.25	198.04	528.30			
1/17/99 12:30	1015.00	29.97	0.743	93.81	200.87	525.40	524.17		
1/17/99 12:45	1014.50	29.96	0.728	95.38	203.69	521.30			
1/17/99 13:00	1014.25	29.95	0.706	96.95	206.51	514.55			
1/17/99 13:15	1014.13	29.95	0.678	99.56	211.21	506.23			
1/17/99 13:30	1013.63	29.93	0.652	102.18	215.92	498.21	501.69		
1/17/99 13:45	1013.00	29.91	0.639	104.00	219.21	494.77			
1/17/99 14:00	1012.88	29.91	0.639	104.27	219.66	494.70			
1/17/99 14:15	1012.50	29.90	0.633	104.53	220.15	492.55			
1/17/99 14:30	1012.25	29.89	0.775	94.86	202.75	538.27	522.08		
1/17/99 14:45	1012.00	29.88	0.799	89.83	193.34	542.61			
1/17/99 15:00	1011.75	29.88	0.799	89.11	192.40	542.29			
1/17/99 15:15	1011.63	29.87	0.798	88.85	191.93	541.92			
1/17/99 15:30	1011.25	29.86	0.796	88.59	191.46	540.98	541.32		
1/17/99 15:45	1010.88	29.85	0.793	88.85	191.93	540.42			
1/17/99 16:00	1010.50	29.84	0.794	88.85	191.93	540.97			
1/17/99 16:15	1010.13	29.83	0.790	88.85	191.93	539.57			
1/17/99 16:30	1010.00	29.83	0.794	88.59	191.46	540.90	540.71		
1/17/99 16:45	1009.88	29.82	0.796	88.59	191.46	541.35			
1/17/99 17:00	1009.63	29.81	0.793	88.85	191.93	540.76			
1/17/99 17:15	1009.25	29.80	0.796	88.85	191.93	541.71			
1/17/99 17:30	1009.00	29.80	0.793	88.59	191.46	540.53	541.00		
1/17/99 17:45	1008.75	29.79	0.793	88.33	190.99	540.40			
1/17/99 18:00	1008.88	29.79	0.796	88.33	190.99	541.62			
1/17/99 18:15	1009.63	29.81	0.797	88.07	190.52	541.46			
1/17/99 18:30	1009.13	29.80	0.794	88.07	190.52	540.51	540.27		
1/17/99 18:45	1008.63	29.78	0.791	88.07	190.52	539.59			
1/17/99 19:00	1008.38	29.78	0.788	88.07	190.52	538.15			
1/17/99 19:15	1008.38	29.78	0.789	88.07	190.52	539.01			
1/17/99 19:30	1008.13	29.77	0.788	88.33	190.99	538.88	538.57		
1/17/99 19:45	1007.88	29.76	0.786	88.07	190.52	538.28			
1/17/99 20:00	1007.75	29.76	0.787	88.07	190.52	538.56			
1/17/99 20:15	1007.63	29.76	0.788	88.07	190.52	539.00			
1/17/99 20:30	1007.25	29.74	0.786	88.33	190.99	538.65	538.78		
1/17/99 20:45	1007.13	29.74	0.785	88.59	191.46	538.48			
1/17/99 21:00	1006.75	29.73	0.788	88.33	190.99	539.22			
1/17/99 21:15	1006.25	29.71	0.788	88.59	191.46	539.55			
1/17/99 21:30	1005.75	29.70	0.787	88.59	191.46	539.48	539.19		
1/17/99 21:45	1005.50	29.69	0.786	88.59	191.46	539.10			
1/17/99 22:00	1004.88	29.67	0.783	88.85	191.93	538.61			
1/17/99 22:15	1004.38	29.68	0.786	88.85	191.93	539.60			
1/17/99 22:30	1003.63	29.64	0.783	88.85	191.93	538.94	539.15		
1/17/99 22:45	1003.13	29.62	0.782	88.59	191.46	538.47			
1/17/99 23:00	1002.63	29.61	0.787	88.33	190.99	540.13			
1/17/99 23:15	1001.88	29.59	0.786	88.33	190.99	540.09			
1/17/99 23:30	1001.13	29.56	0.788	88.33	190.99	540.94	540.03		
1/17/99 23:45	1000.88	29.56	0.783	88.33	190.99	539.29			
1/18/99 0:00	1000.88	29.56	0.784	88.59	191.46	539.69			
1/18/99 0:15	1000.63	29.55	0.783	88.59	191.46	539.35			
1/18/99 0:30	1000.75	29.55	0.783	88.85	191.93	539.51	539.46		
1/18/99 0:45	1001.00	29.56	0.783	88.85	191.93	539.44			
1/18/99 1:00	1001.25	29.57	0.781	89.83	193.34	539.30			
1/18/99 1:15	1002.00	29.59	0.774	89.90	193.81	537.15			
1/18/99 1:30	1003.25	29.63	0.781	89.83	193.34	538.78	539.24		
1/18/99 1:45	1004.38	29.66	0.786	89.11	192.40	539.79			
1/18/99 2:00	1004.88	29.67	0.791	88.85	191.93	541.18			
1/18/99 2:15	1005.25	29.69	0.793	88.33	190.99	541.54			
1/18/99 2:30	1005.38	29.69	0.798	87.80	190.05	542.82	542.96		
1/18/99 2:45	1005.38	29.69	0.802	87.28	189.11	543.72			
1/18/99 3:00	1005.63	29.70	0.808	87.02	188.64	545.55			
1/18/99 3:15	1005.63	29.70	0.813	86.50	187.70	546.64			
1/18/99 3:30	1005.63	29.70	0.816	86.24	187.23	547.48	547.29		
1/18/99 3:45	1005.75	29.70	0.819	85.71	186.29	548.32			
1/18/99 4:00	1005.88	29.70	0.820	85.71	186.29	548.49			
1/18/99 4:15	1005.88	29.70	0.825	85.45	185.82	549.96			
1/18/99 4:30	1006.38	29.72	0.828	85.19	185.35	550.45	550.15		
1/18/99 4:45	1006.75	29.73	0.829	84.67	184.40	550.56			
1/18/99 5:00	1007.25	29.74	0.834	83.89	182.99	551.26			
1/18/99 5:15	1007.50	29.75	0.837	83.82	182.52	552.05			
1/18/99 5:30	1007.25	29.74	0.838	83.38	182.05	552.11	551.86		
1/18/99 5:45	1007.25	29.74	0.837	83.10	181.58	551.71			
1/18/99 6:00	1007.13	29.74	0.839	82.58	180.64	552.16			
1/18/99 6:15	1007.00	29.74	0.843	82.32	180.17	553.21			
1/18/99 6:30	1007.38	29.75	0.842	82.06	179.70	552.51	553.08		
1/18/99 6:45	1007.50	29.75	0.848	81.79	179.23	553.49			
1/18/99 7:00	1007.75	29.76	0.847	82.06	179.70	554.05			
1/18/99 7:15	1007.25	29.74	0.849	82.06	179.70	555.00			
1/18/99 7:30	1007.25	29.74	0.753	87.28	189.11	526.21	531.85		
1/18/99 7:45	1007.63	29.76	0.698	93.03	199.45	510.54			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/18/99 8:00	1007.25	29.74	0.702	93.29	199.93	512.43			
1/18/99 8:15	1007.25	29.74	0.702	93.29	199.93	512.43			
1/18/99 8:30	1007.50	29.75	0.706	93.03	199.45	513.75	513.27		
1/18/99 8:45	1007.75	29.76	0.705	92.77	198.98	513.07			
1/18/99 9:00	1007.75	29.76	0.709	92.77	198.98	514.67			
1/18/99 9:15	1007.75	29.76	0.709	92.77	198.98	514.41			
1/18/99 9:30	1007.75	29.76	0.713	92.51	198.51	515.60	515.39		
1/18/99 9:45	1007.75	29.76	0.711	92.77	198.98	515.10			
1/18/99 10:00	1007.75	29.76	0.716	92.77	198.98	517.16			
1/18/99 10:15	1007.75	29.76	0.719	92.77	198.98	518.06			
1/18/99 10:30	1007.75	29.76	0.716	92.77	198.98	516.91	517.72		
1/18/99 10:45	1007.75	29.76	0.719	93.03	199.45	518.47			
1/18/99 11:00	1007.75	29.76	0.718	93.03	199.45	518.00			
1/18/99 11:15	1007.63	29.76	0.719	93.03	199.45	518.50			
1/18/99 11:30	1007.50	29.75	0.719	93.29	199.93	518.50	518.30		
1/18/99 11:45	1007.50	29.75	0.719	93.29	199.93	518.50			
1/18/99 12:00	1007.63	29.76	0.718	93.29	199.93	518.00			
1/18/99 12:15	1007.50	29.75	0.718	93.29	199.93	518.25			
1/18/99 12:30	1007.50	29.75	0.716	93.81	200.87	517.96	517.69		
1/18/99 12:45	1007.63	29.76	0.714	93.81	200.87	517.24			
1/18/99 13:00	1007.50	29.75	0.713	94.08	201.34	516.99			
1/18/99 13:15	1007.38	29.75	0.711	94.08	201.34	516.11			
1/18/99 13:30	1007.25	29.74	0.711	94.34	201.81	516.33	516.54		
1/18/99 13:45	1007.25	29.74	0.712	94.60	202.28	516.99			
1/18/99 14:00	1007.25	29.74	0.710	94.60	202.28	516.30			
1/18/99 14:15	1007.25	29.74	0.707	94.34	201.81	514.98			
1/18/99 14:30	1007.38	29.75	0.709	94.08	201.34	515.68	515.52		
1/18/99 14:45	1007.75	29.76	0.709	94.08	201.34	515.58			
1/18/99 15:00	1008.13	29.77	0.709	93.81	200.87	515.05			
1/18/99 15:15	1008.63	29.78	0.708	93.29	199.93	514.34			
1/18/99 15:30	1009.13	29.80	0.711	92.77	198.98	514.75	514.72		
1/18/99 15:45	1009.38	29.81	0.711	92.51	198.51	514.50			
1/18/99 16:00	1009.75	29.82	0.713	91.99	197.57	514.94			
1/18/99 16:15	1009.88	29.82	0.713	91.72	197.10	514.73			
1/18/99 16:30	1010.13	29.83	0.714	91.72	197.10	514.88	515.16		
1/18/99 16:45	1010.38	29.84	0.716	91.46	196.63	515.57			
1/18/99 17:00	1010.75	29.85	0.717	91.46	196.63	515.69			
1/18/99 17:15	1011.00	29.85	0.717	91.46	196.63	515.62			
1/18/99 17:30	1011.13	29.86	0.721	91.46	196.63	517.14	516.57		
1/18/99 17:45	1011.38	29.87	0.721	91.20	196.16	516.67			
1/18/99 18:00	1011.63	29.87	0.724	91.20	196.16	517.72			
1/18/99 18:15	1011.88	29.88	0.723	90.68	195.22	517.07			
1/18/99 18:30	1012.13	29.89	0.718	91.46	196.63	515.55	516.56		
1/18/99 18:45	1012.50	29.90	0.720	91.46	196.63	516.35			
1/18/99 19:00	1012.63	29.90	0.719	91.46	196.63	516.11			
1/18/99 19:15	1012.88	29.91	0.720	91.46	196.63	516.28			
1/18/99 19:30	1013.00	29.91	0.723	91.20	196.16	517.15	516.72		
1/18/99 19:45	1013.25	29.92	0.723	91.46	196.63	517.27			
1/18/99 20:00	1013.38	29.92	0.722	91.46	196.63	516.81			
1/18/99 20:15	1013.63	29.93	0.726	91.46	196.63	518.07			
1/18/99 20:30	1013.75	29.94	0.725	91.20	196.16	517.64	517.51		
1/18/99 20:45	1013.88	29.94	0.724	90.94	195.69	517.21			
1/18/99 21:00	1014.00	29.94	0.726	90.94	195.69	517.82			
1/18/99 21:15	1014.00	29.94	0.728	90.68	195.22	518.31			
1/18/99 21:30	1014.00	29.94	0.717	91.46	196.63	514.86	515.88		
1/18/99 21:45	1014.13	29.95	0.713	91.99	197.57	513.61			
1/18/99 22:00	1014.25	29.95	0.716	91.99	197.57	514.70			
1/18/99 22:15	1014.25	29.95	0.713	91.99	197.57	513.80			
1/18/99 22:30	1014.25	29.95	0.714	91.46	196.63	513.90	514.89		
1/18/99 22:45	1014.38	29.95	0.721	91.20	196.16	515.91			
1/18/99 23:00	1014.50	29.96	0.722	90.94	195.69	516.16			
1/18/99 23:15	1014.50	29.96	0.728	90.68	195.22	517.97			
1/18/99 23:30	1014.75	29.97	0.724	90.42	194.75	516.38	517.26		
1/18/99 23:45	1015.00	29.97	0.728	90.16	194.28	517.47			
1/19/99 0:00	1015.13	29.98	0.730	90.16	194.28	518.33			
1/19/99 0:15	1015.25	29.98	0.730	89.90	193.81	518.11			
1/19/99 0:30	1015.38	29.98	0.730	89.90	193.81	518.07	518.23		
1/19/99 0:45	1015.63	29.99	0.734	89.37	192.87	519.20			
1/19/99 1:00	1015.63	29.99	0.729	89.37	192.87	517.43			
1/19/99 1:15	1015.50	29.99	0.734	89.11	192.40	518.79			
1/19/99 1:30	1015.63	29.99	0.731	89.11	192.40	517.86	518.56		
1/19/99 1:45	1015.88	30.00	0.736	89.90	193.81	520.14			
1/19/99 2:00	1016.25	30.01	0.734	89.37	192.87	518.79			
1/19/99 2:15	1016.50	30.02	0.734	89.37	192.87	518.97			
1/19/99 2:30	1017.00	30.03	0.734	88.85	191.93	518.47	517.81		
1/19/99 2:45	1017.25	30.04	0.724	89.63	193.34	515.42			
1/19/99 3:00	1017.50	30.05	0.731	89.11	192.40	517.40			
1/19/99 3:15	1017.50	30.05	0.726	89.11	192.40	515.63			
1/19/99 3:30	1017.63	30.05	0.728	89.11	192.40	516.06	516.25		
1/19/99 3:45	1017.63	30.05	0.729	88.85	191.93	516.30			
1/19/99 4:00	1017.63	30.05	0.727	89.11	192.40	515.84			
1/19/99 4:15	1017.75	30.05	0.733	90.16	194.28	518.54			
1/19/99 4:30	1017.88	30.06	0.729	89.11	192.40	516.67	517.24		
1/19/99 4:45	1018.00	30.06	0.729	90.88	195.22	517.50			
1/19/99 5:00	1018.25	30.07	0.733	89.11	192.40	517.67			
1/19/99 5:15	1018.50	30.08	0.722	89.11	192.40	513.85			
1/19/99 5:30	1018.50	30.08	0.723	89.37	192.87	514.46	515.34		
1/19/99 5:45	1018.50	30.08	0.723	89.11	192.40	514.27			
1/19/99 6:00	1018.50	30.08	0.725	91.20	196.16	516.43			
1/19/99 6:15	1018.75	30.08	0.729	90.42	194.75	517.13			
1/19/99 6:30	1019.00	30.09	0.726	89.37	192.87	515.22	516.06		
1/19/99 6:45	1019.13	30.09	0.729	88.85	191.93	516.16			
1/19/99 7:00	1019.50	30.11	0.729	88.33	190.99	515.45			
1/19/99 7:15	1019.88	30.12	0.725	88.59	191.46	514.23			
1/19/99 7:30	1020.13	30.12	0.732	90.68	195.22	518.10	515.62		
1/19/99 7:45	1020.13	30.12	0.729	89.11	192.40	516.10			
1/19/99 8:00	1020.25	30.13	0.721	90.94	195.69	514.24			
1/19/99 8:15	1020.25	30.13	0.724	90.94	195.69	515.34			
1/19/99 8:30	1020.38	30.13	0.723	90.42	194.75	514.51	512.66		
1/19/99 8:45	1020.25	30.13	0.704	92.25	198.04	509.08			
1/19/99 9:00	1020.13	30.12	0.708	91.72	197.10	510.12			
1/19/99 9:15	1020.50	30.14	0.713	90.94	195.69	511.27			
1/19/99 9:30	1020.63	30.14	0.724	90.42	194.75	514.86	514.01		
1/19/99 9:45	1020.88	30.15	0.731	90.16	194.28	517.08			
1/19/99 10:00	1020.50	30.14	0.729	90.42	194.75	516.68			
1/19/99 10:15	1020.50	30.14	0.731	90.68	195.22	517.54			
1/19/99 10:30	1021.00	30.15	0.733	90.68	195.22	518.09	518.05		
1/19/99 10:45	1021.13	30.15	0.733	91.20	196.16	518.64			
1/19/99 11:00	1021.25	30.16	0.735	91.20	196.16	519.28			
1/19/99 11:15	1021.00	30.15	0.732	91.46	196.63	518.43			
1/19/99 11:30	1020.75	30.14	0.732	91.99	197.57	518.87	519.44		
1/19/99 11:45	1020.75	30.14	0.736	91.99	197.57	520.39			
1/19/99 12:00	1020.50	30.14	0.735	92.25	198.04	520.22			
1/19/99 12:15	1020.13	30.12	0.737	92.51	198.51	521.17			
1/19/99 12:30	1020.00	30.12	0.733	92.51	198.51	519.64	519.83		
1/19/99 12:45	1019.88	30.12	0.726	93.03	199.45	517.80			
1/19/99 13:00	1019.75	30.11	0.734	92.77	198.98	520.32			
1/19/99 13:15	1019.50	30.11	0.721	93.03	199.45	515.90			
1/19/99 13:30	1019.25	30.10	0.716	94.34	201.81	515.34	517.56		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/19/99 13:45	1019.13	30.09	0.728	93.55	200.40	519.04			
1/19/99 14:00	1019.13	30.09	0.722	94.08	201.34	517.19			
1/19/99 14:15	1019.00	30.09	0.733	93.55	200.40	520.64			
1/19/99 14:30	1019.00	30.09	0.731	93.29	199.93	519.78	519.63		
1/19/99 14:45	1018.88	30.09	0.731	93.29	199.93	519.81			
1/19/99 15:00	1018.75	30.08	0.733	93.29	199.93	520.73			
1/19/99 15:15	1018.75	30.08	0.734	93.29	199.93	520.94			
1/19/99 15:30	1018.63	30.08	0.738	93.03	199.45	522.14	521.56		
1/19/99 15:45	1018.50	30.08	0.739	92.77	198.98	522.65			
1/19/99 16:00	1018.38	30.07	0.735	93.03	199.45	521.32			
1/19/99 16:15	1018.38	30.07	0.739	92.77	198.98	522.44			
1/19/99 16:30	1018.25	30.07	0.734	92.77	198.98	520.95	521.32		
1/19/99 16:45	1018.00	30.06	0.730	93.03	199.45	519.63			
1/19/99 17:00	1018.25	30.07	0.738	92.77	198.98	522.26			
1/19/99 17:15	1018.50	30.08	0.733	92.77	198.98	520.21			
1/19/99 17:30	1018.13	30.07	0.729	92.77	198.98	519.20	519.95		
1/19/99 17:45	1017.75	30.05	0.731	92.25	198.04	519.57			
1/19/99 18:00	1017.38	30.04	0.727	92.77	198.98	518.50			
1/19/99 18:15	1017.25	30.04	0.728	92.77	198.98	518.96			
1/19/99 18:30	1017.25	30.04	0.728	92.51	198.51	518.57	518.48		
1/19/99 18:45	1017.25	30.04	0.724	92.77	198.98	517.64			
1/19/99 19:00	1017.38	30.04	0.728	92.77	198.98	518.72			
1/19/99 19:15	1017.25	30.04	0.727	92.25	198.04	518.17			
1/19/99 19:30	1017.38	30.04	0.728	92.77	198.98	518.04	518.83		
1/19/99 19:45	1017.63	30.05	0.729	92.77	198.98	519.33			
1/19/99 20:00	1018.00	30.06	0.730	91.99	197.57	518.89			
1/19/99 20:15	1018.00	30.06	0.728	92.25	198.04	517.73			
1/19/99 20:30	1017.75	30.05	0.728	91.99	197.57	518.07	518.06		
1/19/99 20:45	1017.63	30.05	0.728	92.25	198.04	518.28			
1/19/99 21:00	1017.75	30.05	0.724	92.51	198.51	517.33			
1/19/99 21:15	1017.50	30.05	0.727	91.99	197.57	517.92			
1/19/99 21:30	1017.25	30.04	0.723	91.99	197.57	516.41	517.32		
1/19/99 21:45	1017.25	30.04	0.723	92.25	198.04	516.60			
1/19/99 22:00	1017.50	30.05	0.728	91.99	197.57	518.34			
1/19/99 22:15	1017.50	30.05	0.716	92.77	198.98	514.43			
1/19/99 22:30	1017.83	30.05	0.704	94.08	201.34	511.26	513.84		
1/19/99 22:45	1017.75	30.05	0.709	94.08	201.34	512.79			
1/19/99 23:00	1017.75	30.05	0.708	94.08	201.34	512.36			
1/19/99 23:15	1018.00	30.06	0.713	93.29	199.93	513.77			
1/19/99 23:30	1017.75	30.05	0.714	92.77	198.98	513.93	513.51		
1/19/99 23:45	1018.25	30.07	0.714	92.77	198.98	513.81			
1/20/99 0:00	1018.00	30.06	0.714	92.51	198.51	513.69			
1/20/99 0:15	1018.38	30.07	0.716	92.25	198.04	514.09			
1/20/99 0:30	1018.25	30.07	0.719	92.51	198.51	515.20	514.32		
1/20/99 0:45	1017.88	30.06	0.718	91.99	197.57	514.68			
1/20/99 1:00	1017.25	30.04	0.718	91.99	197.57	513.94			
1/20/99 1:15	1017.13	30.04	0.711	92.25	198.04	512.57			
1/20/99 1:30	1017.00	30.03	0.718	91.99	197.57	514.68	513.36		
1/20/99 1:45	1016.88	30.03	0.716	91.99	197.57	514.29			
1/20/99 2:00	1016.75	30.02	0.707	92.51	198.51	511.30			
1/20/99 2:15	1016.75	30.02	0.700	93.03	199.45	509.16			
1/20/99 2:30	1016.75	30.02	0.699	93.29	199.93	509.12	509.41		
1/20/99 2:45	1016.50	30.02	0.697	93.29	199.93	508.27			
1/20/99 3:00	1016.38	30.01	0.699	93.29	199.93	509.22			
1/20/99 3:15	1016.25	30.01	0.699	93.81	200.87	509.35			
1/20/99 3:30	1016.25	30.01	0.696	93.81	200.87	508.44	509.82		
1/20/99 3:45	1016.13	30.01	0.703	93.29	199.93	510.41			
1/20/99 4:00	1016.00	30.00	0.707	92.77	198.98	511.67			
1/20/99 4:15	1016.00	30.00	0.704	92.51	198.51	510.58			
1/20/99 4:30	1015.88	30.00	0.696	93.81	200.87	508.32	509.60		
1/20/99 4:45	1015.75	30.00	0.694	94.08	201.34	508.09			
1/20/99 5:00	1015.63	29.99	0.699	93.55	200.40	509.33			
1/20/99 5:15	1015.63	29.99	0.695	93.29	199.93	507.80			
1/20/99 5:30	1015.75	30.00	0.702	93.03	199.45	510.10	509.14		
1/20/99 5:45	1015.75	30.00	0.705	92.77	198.98	511.04			
1/20/99 6:00	1015.88	30.00	0.696	92.51	198.51	507.41			
1/20/99 6:15	1016.13	30.01	0.689	93.55	200.40	505.80			
1/20/99 6:30	1016.38	30.01	0.693	93.03	199.45	506.74	507.45		
1/20/99 6:45	1016.50	30.02	0.697	92.77	198.98	507.91			
1/20/99 7:00	1016.50	30.02	0.703	91.99	197.57	509.40			
1/20/99 7:15	1016.50	30.02	0.698	92.51	198.51	508.17			
1/20/99 7:30	1016.75	30.02	0.693	92.77	198.98	506.46	507.65		
1/20/99 7:45	1016.75	30.02	0.698	92.25	198.04	507.92			
1/20/99 8:00	1016.88	30.03	0.694	92.25	198.04	506.29			
1/20/99 8:15	1017.13	30.04	0.691	92.77	198.98	505.67			
1/20/99 8:30	1017.13	30.04	0.698	92.51	198.51	508.01	507.65		
1/20/99 8:45	1017.13	30.04	0.702	91.99	197.57	509.03			
1/20/99 9:00	1017.00	30.03	0.702	92.25	198.04	509.24			
1/20/99 9:15	1017.00	30.03	0.707	92.51	198.51	511.23			
1/20/99 9:30	1017.00	30.03	0.706	92.77	198.98	511.16	511.67		
1/20/99 9:45	1017.00	30.03	0.709	93.55	200.40	512.87			
1/20/99 10:00	1017.36	30.04	0.712	93.81	200.87	513.86			
1/20/99 10:15	1017.63	30.05	0.713	94.34	201.81	514.38			
1/20/99 10:30	1017.75	30.05	0.714	94.60	202.28	515.21	514.64		
1/20/99 10:45	1017.50	30.05	0.714	94.60	202.28	515.28			
1/20/99 11:00	1017.50	30.05	0.711	95.12	203.22	514.49			
1/20/99 11:15	1017.38	30.04	0.718	95.38	203.69	516.98			
1/20/99 11:30	1017.25	30.04	0.716	95.64	204.16	516.51	516.72		
1/20/99 11:45	1017.25	30.04	0.716	96.17	205.10	517.12			
1/20/99 12:00	1017.13	30.04	0.720	96.17	205.10	518.49			
1/20/99 12:15	1016.88	30.03	0.713	96.95	206.51	516.81			
1/20/99 12:30	1016.75	30.02	0.716	97.21	206.98	517.73	517.72		
1/20/99 12:45	1016.50	30.02	0.718	97.21	206.98	518.70			
1/20/99 13:00	1016.25	30.01	0.713	97.73	207.92	517.10			
1/20/99 13:15	1016.00	30.00	0.715	98.00	208.39	516.25			
1/20/99 13:30	1015.63	29.99	0.710	98.26	208.86	516.71	517.73		
1/20/99 13:45	1015.38	29.98	0.710	98.78	209.80	517.14			
1/20/99 14:00	1015.25	29.98	0.718	98.78	209.80	519.46			
1/20/99 14:15	1015.00	29.97	0.713	99.04	210.27	518.33			
1/20/99 14:30	1015.00	29.97	0.712	99.30	210.74	518.29	518.25		
1/20/99 14:45	1015.13	29.98	0.712	99.30	210.74	518.26			
1/20/99 15:00	1015.00	29.97	0.708	99.30	210.74	516.90			
1/20/99 15:15	1015.00	29.97	0.711	99.04	210.27	517.85			
1/20/99 15:30	1015.13	29.98	0.710	99.04	210.27	517.38	517.60		
1/20/99 15:45	1015.25	29.98	0.713	99.04	210.27	518.26			
1/20/99 16:00	1015.25	29.98	0.711	98.78	209.80	517.61			
1/20/99 16:15	1015.38	29.98	0.711	98.78	209.80	517.36			
1/20/99 16:30	1015.25	29.98	0.709	98.78	209.80	516.70	516.68		
1/20/99 16:45	1015.25	29.98	0.708	98.52	209.33	516.30			
1/20/99 17:00	1015.25	29.98	0.708	97.47	207.45	515.35			
1/20/99 17:15	1015.25	29.98	0.705	97.21	206.98	514.26			
1/20/99 17:30	1015.25	29.98	0.703	96.95	206.51	513.39	512.59		
1/20/99 17:45	1015.25	29.98	0.888	97.73	207.92	508.42			
1/20/99 18:00	1015.25	29.96	0.698	96.95	206.51	511.56			
1/20/99 18:15	1015.25	29.98	0.699	95.90	204.63	511.31			
1/20/99 18:30	1015.25	29.98	0.701	95.64	204.16	511.57	511.73		
1/20/99 18:45	1015.25	29.98	0.704	95.38	203.69	512.77			
1/20/99 19:00	1015.13	29.98	0.701	95.12	203.22	511.46			
1/20/99 19:15	1015.13	29.98	0.701	95.12	203.22	511.24			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/20/99 19:30	1015.25	29.98	0.704	94.60	202.28	512.23	510.81		
1/20/99 19:45	1015.50	29.99	0.692	95.12	203.22	507.96			
1/20/99 20:00	1015.63	29.99	0.698	95.38	203.69	510.18			
1/20/99 20:15	1015.50	29.99	0.696	95.38	203.69	509.71			
1/20/99 20:30	1015.25	29.98	0.697	95.64	204.16	510.21	510.49		
1/20/99 20:45	1015.13	29.98	0.701	95.90	204.63	512.00			
1/20/99 21:00	1015.38	29.98	0.697	95.90	204.63	510.36			
1/20/99 21:15	1015.38	29.98	0.698	95.90	204.63	510.58			
1/20/99 21:30	1015.38	29.98	0.702	95.64	204.16	512.01	511.09		
1/20/99 21:45	1015.25	29.98	0.699	95.90	204.63	511.05			
1/20/99 22:00	1015.00	29.97	0.701	95.38	203.69	511.45			
1/20/99 22:15	1015.00	29.97	0.683	96.17	205.10	505.56			
1/20/99 22:30	1015.00	29.97	0.684	96.43	205.57	506.22	508.57		
1/20/99 22:45	1015.00	29.97	0.698	95.12	203.22	510.35			
1/20/99 23:00	1014.88	29.97	0.696	94.86	202.75	509.29			
1/20/99 23:15	1014.75	29.97	0.681	95.90	204.83	504.74			
1/20/99 23:30	1014.63	29.96	0.689	95.64	204.16	507.36	507.45		
1/20/99 23:45	1014.50	29.96	0.689	95.38	203.69	507.47			
1/21/99 0:00	1014.25	29.95	0.691	95.64	204.16	508.37			
1/21/99 0:15	1014.00	29.94	0.694	95.38	203.69	509.43			
1/21/99 0:30	1013.75	29.94	0.694	95.64	204.16	509.68	509.62		
1/21/99 0:45	1014.00	29.94	0.698	95.90	204.63	510.93			
1/21/99 1:00	1013.63	29.93	0.694	95.64	204.16	509.71			
1/21/99 1:15	1013.50	29.93	0.691	95.64	204.16	508.34			
1/21/99 1:30	1013.13	29.92	0.693	95.90	204.63	509.31	509.38		
1/21/99 1:45	1012.75	29.91	0.696	95.90	204.63	510.55			
1/21/99 2:00	1012.63	29.90	0.690	96.43	205.57	508.88			
1/21/99 2:15	1013.00	29.91	0.691	96.69	206.04	509.19			
1/21/99 2:30	1013.25	29.92	0.683	97.73	207.92	507.07	508.65		
1/21/99 2:45	1013.63	29.93	0.687	97.47	207.45	508.20			
1/21/99 3:00	1013.50	29.93	0.693	96.95	206.51	509.94			
1/21/99 3:15	1013.00	29.91	0.691	96.17	205.10	508.83			
1/21/99 3:30	1012.75	29.91	0.688	96.17	205.10	507.97	508.93		
1/21/99 3:45	1012.50	29.90	0.688	96.17	205.10	507.81			
1/21/99 4:00	1012.13	29.89	0.694	95.64	204.16	510.08			
1/21/99 4:15	1012.25	29.89	0.690	96.17	205.10	508.79			
1/21/99 4:30	1012.25	29.89	0.693	96.43	205.57	509.90	508.34		
1/21/99 4:45	1012.13	29.89	0.688	96.43	205.57	508.30			
1/21/99 5:00	1012.00	29.88	0.676	97.47	207.45	504.63			
1/21/99 5:15	1011.63	29.87	0.684	96.95	206.51	507.16			
1/21/99 5:30	1011.13	29.86	0.688	96.69	206.04	508.51	507.14		
1/21/99 5:45	1011.00	29.85	0.684	96.43	205.57	507.22			
1/21/99 6:00	1010.88	29.85	0.687	96.43	205.57	508.17			
1/21/99 6:15	1010.50	29.84	0.686	96.17	205.10	507.61			
1/21/99 6:30	1010.50	29.84	0.687	96.69	206.04	508.45	508.24		
1/21/99 6:45	1011.00	29.85	0.688	96.43	205.57	508.59			
1/21/99 7:00	1011.13	29.86	0.688	96.17	205.10	508.38			
1/21/99 7:15	1011.00	29.85	0.683	96.69	206.04	506.69			
1/21/99 7:30	1010.75	29.85	0.686	96.43	205.57	507.72	506.84		
1/21/99 7:45	1011.13	29.86	0.684	96.69	206.04	507.37			
1/21/99 8:00	1011.50	29.87	0.673	96.95	206.51	503.02			
1/21/99 8:15	1011.38	29.87	0.658	98.52	209.33	498.89			
1/21/99 8:30	1011.75	29.88	0.649	99.82	211.68	496.16	496.50		
1/21/99 8:45	1011.88	29.88	0.646	100.35	212.62	495.02			
1/21/99 9:00	1011.50	29.87	0.629	101.91	215.45	489.61			
1/21/99 9:15	1011.88	29.88	0.618	103.22	217.80	485.99			
1/21/99 9:30	1011.63	29.87	0.613	103.74	218.74	484.85	506.96		
1/21/99 9:45	1011.38	29.87	0.778	91.99	197.57	537.26			
1/21/99 10:00	1011.50	29.87	0.785	88.59	191.46	537.30			
1/21/99 10:15	1011.63	29.87	0.791	88.33	190.99	539.19			
1/21/99 10:30	1011.63	29.87	0.791	88.07	190.52	538.79	538.87		
1/21/99 10:45	1011.63	29.87	0.792	88.07	190.52	539.23			
1/21/99 11:00	1011.63	29.87	0.794	88.07	190.52	539.84			
1/21/99 11:15	1011.50	29.87	0.796	87.80	190.05	540.33			
1/21/99 11:30	1011.38	29.87	0.800	87.54	189.58	541.66	541.02		
1/21/99 11:45	1011.50	29.87	0.801	87.28	189.11	541.63			
1/21/99 12:00	1011.38	29.87	0.801	87.28	189.11	541.66			
1/21/99 12:15	1011.38	29.87	0.804	87.54	189.58	543.14			
1/21/99 12:30	1011.13	29.86	0.733	91.46	196.63	521.39	519.77		
1/21/99 12:45	1011.13	29.86	0.645	100.87	213.56	495.32			
1/21/99 13:00	1011.25	29.88	0.649	101.39	214.51	497.32			
1/21/99 13:15	1011.13	29.86	0.653	101.65	214.98	498.94			
1/21/99 13:30	1010.88	29.85	0.653	101.91	215.45	498.95	499.33		
1/21/99 13:45	1011.00	29.85	0.657	101.65	214.98	500.42			
1/21/99 14:00	1011.00	29.85	0.659	101.13	214.04	501.02			
1/21/99 14:15	1010.88	29.85	0.660	101.13	214.04	501.28			
1/21/99 14:30	1010.88	29.85	0.663	101.13	214.04	502.23	502.18		
1/21/99 14:45	1011.00	29.85	0.663	101.13	214.04	502.43			
1/21/99 15:00	1011.00	29.85	0.668	100.87	213.56	503.92			
1/21/99 15:15	1011.25	29.86	0.666	100.61	213.09	502.96			
1/21/99 15:30	1011.38	29.87	0.669	100.61	213.09	504.36	503.77		
1/21/99 15:45	1011.38	29.87	0.669	100.35	212.62	503.92			
1/21/99 16:00	1011.38	29.87	0.668	100.35	212.62	503.70			
1/21/99 16:15	1011.50	29.87	0.669	100.09	212.15	503.72			
1/21/99 16:30	1011.50	29.87	0.670	100.09	212.15	504.20	504.15		
1/21/99 16:45	1011.38	29.87	0.669	100.09	212.15	504.01			
1/21/99 17:00	1011.63	29.87	0.673	100.09	212.15	505.11			
1/21/99 17:15	1011.88	29.88	0.673	99.82	211.68	504.87			
1/21/99 17:30	1011.75	29.88	0.676	99.56	211.21	506.12	505.24		
1/21/99 17:45	1011.38	29.87	0.674	99.56	211.21	505.27			
1/21/99 18:00	1011.38	29.87	0.673	99.56	211.21	504.82			
1/21/99 18:15	1011.63	29.87	0.673	99.56	211.21	504.99			
1/21/99 18:30	1011.50	29.87	0.673	99.56	211.21	504.79	505.22		
1/21/99 18:45	1011.63	29.87	0.674	99.56	211.21	505.47			
1/21/99 19:00	1011.38	29.87	0.676	99.30	210.74	506.03			
1/21/99 19:15	1011.50	29.87	0.678	99.30	210.74	506.49			
1/21/99 19:30	1011.00	29.85	0.679	99.04	210.27	506.66	506.38		
1/21/99 19:45	1010.50	29.84	0.678	99.30	210.74	506.03			
1/21/99 20:00	1010.88	29.85	0.678	99.04	210.27	506.47			
1/21/99 20:15	1011.13	29.86	0.658	100.35	212.62	499.97			
1/21/99 20:30	1010.75	29.85	0.684	100.61	213.09	510.14	514.81		
1/21/99 20:45	1010.38	29.84	0.754	93.03	199.45	529.99			
1/21/99 21:00	1009.75	29.82	0.746	93.29	199.93	527.49			
1/21/99 21:15	1009.63	29.81	0.748	93.29	199.93	528.19			
1/21/99 21:30	1009.38	29.81	0.750	92.77	198.98	528.76	528.01		
1/21/99 21:45	1009.38	29.81	0.739	93.61	200.87	525.76			
1/21/99 22:00	1009.38	29.81	0.753	92.77	198.98	529.85			
1/21/99 22:15	1009.50	29.81	0.761	91.99	197.57	531.88			
1/21/99 22:30	1010.13	29.83	0.768	91.99	197.57	534.12	533.19		
1/21/99 22:45	1010.13	29.83	0.768	91.72	197.10	533.93			
1/21/99 23:00	1010.88	29.85	0.775	91.46	196.63	536.14			
1/21/99 23:15	1010.50	29.84	0.778	90.94	195.69	536.93			
1/21/99 23:30	1010.25	29.83	0.781	90.68	195.22	537.67	537.72		
1/21/99 23:45	1010.63	29.84	0.785	90.42	194.75	538.89			
1/22/99 0:00	1010.38	29.84	0.786	90.18	194.28	538.96			
1/22/99 0:15	1010.25	29.83	0.789	89.90	193.81	540.11			
1/22/99 0:30	1009.75	29.82	0.790	89.37	192.87	540.06	539.96		
1/22/99 0:45	1009.63	29.81	0.791	89.37	192.87	540.50			
1/22/99 1:00	1009.38	29.81	0.791	89.11	192.40	540.17			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/22/99 1:15	1008.75	29.79	0.794	89.11	192.40	541.39			
1/22/99 1:30	1008.63	29.78	0.799	89.11	192.40	543.13	542.10		
1/22/99 1:45	1006.50	29.78	0.797	88.85	191.93	542.35			
1/22/99 2:00	1008.38	29.78	0.800	88.85	191.93	543.44			
1/22/99 2:15	1008.13	29.77	0.802	88.85	191.93	544.15			
1/22/99 2:30	1007.75	29.76	0.801	88.85	191.93	543.81	543.99		
1/22/99 2:45	1007.75	29.76	0.803	88.85	191.93	544.46			
1/22/99 3:00	1007.75	29.76	0.802	88.59	191.46	544.06			
1/22/99 3:15	1007.75	29.76	0.805	88.59	191.46	545.11			
1/22/99 3:30	1007.75	29.76	0.804	88.33	190.99	544.71	544.83		
1/22/99 3:45	1007.75	29.76	0.806	88.07	190.52	545.12			
1/22/99 4:00	1007.88	29.76	0.808	87.54	189.58	545.13			
1/22/99 4:15	1007.75	29.76	0.809	87.54	189.58	545.57			
1/22/99 4:30	1007.38	29.75	0.808	87.80	190.05	545.46	546.04		
1/22/99 4:45	1007.25	29.74	0.809	88.59	191.48	546.73			
1/22/99 5:00	1007.38	29.75	0.811	88.85	191.93	547.30			
1/22/99 5:15	1007.75	29.76	0.811	89.11	192.40	547.80			
1/22/99 5:30	1007.75	29.76	0.810	89.37	192.87	547.39	547.60		
1/22/99 5:45	1007.63	29.76	0.811	89.37	192.87	547.83			
1/22/99 6:00	1007.38	29.75	0.811	89.37	192.87	547.90			
1/22/99 6:15	1007.25	29.74	0.812	89.90	193.81	548.56			
1/22/99 6:30	1007.25	29.74	0.813	90.16	194.28	549.17	548.54		
1/22/99 6:45	1007.00	29.74	0.810	89.90	193.81	547.99			
1/22/99 7:00	1006.88	29.73	0.813	90.16	194.28	549.07			
1/22/99 7:15	1007.13	29.74	0.814	90.16	194.28	549.40			
1/22/99 7:30	1009.13	29.80	0.813	90.68	195.22	549.05	545.07		
1/22/99 7:45	1009.88	29.82	0.793	91.46	196.63	542.64			
1/22/99 8:00	1009.75	29.82	0.768	93.29	199.93	535.18			
1/22/99 8:15	1009.88	29.82	0.753	94.34	201.81	530.86			
1/22/99 8:30	1010.25	29.83	0.753	94.60	202.28	530.73	531.69		
1/22/99 8:45	1010.75	29.85	0.753	94.34	201.81	530.63			
1/22/99 9:00	1010.88	29.85	0.754	94.34	201.81	531.05			
1/22/99 9:15	1011.25	29.86	0.756	94.60	202.28	531.77			
1/22/99 9:30	1011.13	29.86	0.756	94.34	201.81	531.62	532.21		
1/22/99 9:45	1011.13	29.86	0.759	94.34	201.81	532.74			
1/22/99 10:00	1011.00	29.85	0.763	94.34	201.81	533.86			
1/22/99 10:15	1011.50	29.87	0.763	94.34	201.81	533.94			
1/22/99 10:30	1011.25	29.86	0.758	94.60	202.28	532.44	532.94		
1/22/99 10:45	1010.88	29.85	0.758	94.60	202.28	532.54			
1/22/99 11:00	1010.50	29.84	0.755	95.12	203.22	531.93			
1/22/99 11:15	1010.13	29.83	0.759	95.38	203.69	533.76			
1/22/99 11:30	1010.13	29.83	0.761	95.38	203.69	534.39	534.76		
1/22/99 11:45	1009.75	29.82	0.766	95.38	203.69	536.04			
1/22/99 12:00	1010.00	29.83	0.770	95.64	204.16	537.70			
1/22/99 12:15	1010.25	29.83	0.776	95.64	204.16	539.79			
1/22/99 12:30	1010.13	29.83	0.774	95.64	204.16	539.20	539.72		
1/22/99 12:45	1010.25	29.83	0.778	95.90	204.63	540.64			
1/22/99 13:00	1010.38	29.84	0.780	95.90	204.63	541.27			
1/22/99 13:15	1010.38	29.84	0.783	95.64	204.16	541.94			
1/22/99 13:30	1010.13	29.83	0.788	95.64	204.16	543.29	542.93		
1/22/99 13:45	1009.75	29.82	0.787	95.64	204.16	543.63			
1/22/99 14:00	1009.63	29.81	0.789	95.64	204.16	544.53			
1/22/99 14:15	1009.63	29.81	0.793	95.90	204.63	546.00			
1/22/99 14:30	1009.75	29.82	0.794	95.64	204.16	546.22	545.69		
1/22/99 14:45	1009.83	29.81	0.794	95.38	203.69	545.82			
1/22/99 15:00	1009.38	29.81	0.794	95.38	203.69	545.89			
1/22/99 15:15	1009.38	29.81	0.796	95.38	203.69	546.75			
1/22/99 15:30	1009.38	29.81	0.798	95.12	203.22	547.20	546.96		
1/22/99 15:45	1009.25	29.80	0.798	94.88	202.75	546.84			
1/22/99 16:00	1009.13	29.80	0.801	94.88	202.75	548.14			
1/22/99 16:15	1009.25	29.80	0.801	94.60	202.28	547.91			
1/22/99 16:30	1008.88	29.79	0.799	94.34	201.81	547.20	547.90		
1/22/99 16:45	1009.00	29.80	0.803	94.08	201.34	548.24			
1/22/99 17:00	1009.13	29.80	0.804	93.55	200.40	548.02			
1/22/99 17:15	1009.13	29.80	0.806	93.03	199.45	548.27			
1/22/99 17:30	1009.13	29.60	0.804	92.51	198.51	547.48	547.51		
1/22/99 17:45	1009.38	29.81	0.805	91.72	197.10	547.02			
1/22/99 18:00	1009.63	29.81	0.805	91.46	196.63	546.76			
1/22/99 18:15	1009.75	29.82	0.810	90.94	195.69	548.03			
1/22/99 18:30	1009.63	29.81	0.808	90.68	195.22	547.22	547.44		
1/22/99 18:45	1009.50	29.81	0.808	90.42	194.75	547.06			
1/22/99 19:00	1009.38	29.81	0.811	90.68	195.22	548.14			
1/22/99 19:15	1009.38	29.81	0.809	90.42	194.75	547.53			
1/22/99 19:30	1009.63	29.81	0.812	90.42	194.75	548.31	548.40		
1/22/99 19:45	1009.75	29.82	0.813	91.20	196.16	549.07			
1/22/99 20:00	1010.13	29.83	0.812	91.46	196.63	548.96			
1/22/99 20:15	1010.50	29.84	0.813	91.20	196.16	549.07			
1/22/99 20:30	1010.75	29.85	0.813	91.20	196.16	549.00	549.62		
1/22/99 20:45	1010.50	29.84	0.814	91.72	197.10	549.90			
1/22/99 21:00	1010.38	29.84	0.818	91.99	197.57	551.16			
1/22/99 21:15	1010.25	29.83	0.814	91.99	197.57	550.17			
1/22/99 21:30	1010.38	29.84	0.814	91.46	196.63	549.50	550.20		
1/22/99 21:45	1010.63	29.84	0.817	91.46	196.63	550.51			
1/22/99 22:00	1011.50	29.87	0.816	90.94	195.69	549.65			
1/22/99 22:15	1011.38	29.87	0.817	90.94	195.69	549.92			
1/22/99 22:30	1011.38	29.87	0.811	91.20	196.16	548.19	547.33		
1/22/99 22:45	1011.13	29.86	0.806	91.46	196.63	546.56			
1/22/99 23:00	1010.75	29.85	0.791	92.51	198.51	542.32			
1/22/99 23:15	1010.50	29.84	0.784	92.77	198.98	540.21			
1/22/99 23:30	1010.00	29.83	0.774	93.81	200.87	537.89	537.37		
1/22/99 23:45	1010.00	29.83	0.763	94.08	201.34	534.15			
1/23/99 0:00	1010.00	29.83	0.756	95.12	203.22	532.27			
1/23/99 0:15	1009.75	29.82	0.754	95.12	203.22	531.91			
1/23/99 0:30	1009.38	29.81	0.751	95.38	203.69	530.86	531.76		
1/23/99 0:45	1009.63	29.81	0.754	95.38	203.69	531.89			
1/23/99 1:00	1009.63	29.81	0.754	95.38	203.69	531.89			
1/23/99 1:15	1009.00	29.80	0.750	95.38	203.69	530.74			
1/23/99 1:30	1008.50	29.78	0.750	95.64	204.16	531.06	530.31		
1/23/99 1:45	1008.13	29.77	0.744	95.90	204.63	529.11			
1/23/99 2:00	1007.88	29.76	0.743	95.90	204.63	528.75			
1/23/99 2:15	1009.25	29.80	0.742	95.90	204.63	528.16			
1/23/99 2:30	1009.75	29.82	0.744	95.90	204.63	528.69	527.77		
1/23/99 2:45	1009.88	29.82	0.737	96.17	205.10	526.42			
1/23/99 3:00	1009.88	29.82	0.738	96.43	205.57	526.82			
1/23/99 3:15	1009.88	29.82	0.736	96.69	206.04	526.54			
1/23/99 3:30	1009.83	29.81	0.736	96.69	206.04	526.39	526.50		
1/23/99 3:45	1009.83	29.81	0.737	96.43	205.57	526.67			
1/23/99 4:00	1009.38	29.81	0.735	96.43	205.57	526.06			
1/23/99 4:15	1009.00	29.80	0.738	96.43	205.57	527.05			
1/23/99 4:30	1009.00	29.80	0.741	96.43	205.57	528.15	526.13		
1/23/99 4:45	1009.25	29.80	0.745	95.90	204.63	529.28			
1/23/99 5:00	1009.63	29.81	0.749	95.38	203.69	530.12			
1/23/99 5:15	1010.00	29.83	0.751	95.12	203.22	530.72			
1/23/99 5:30	1010.25	29.83	0.753	94.88	202.75	530.92	530.66		
1/23/99 5:45	1010.63	29.84	0.753	94.60	202.28	530.85			
1/23/99 6:00	1010.38	29.84	0.752	94.88	202.75	530.68			
1/23/99 6:15	1010.00	29.83	0.745	95.38	203.69	528.71			
1/23/99 6:30	1009.00	29.80	0.743	95.64	204.16	528.48	528.58		
1/23/99 6:45	1007.13	29.74	0.739	96.17	205.10	527.78			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/23/99 7:00	1006.75	29.73	0.737	96.17	205.10	527.24			
1/23/99 7:15	1005.88	29.70	0.736	96.69	206.04	527.37			
1/23/99 7:30	1005.13	29.68	0.738	96.17	205.10	528.09	527.80		
1/23/99 7:45	1004.88	29.67	0.737	96.17	205.10	527.73			
1/23/99 8:00	1005.13	29.68	0.739	96.17	205.10	528.56			
1/23/99 8:15	1005.75	29.70	0.744	95.90	204.63	529.99			
1/23/99 8:30	1006.25	29.71	0.751	95.38	203.69	531.89	531.23		
1/23/99 8:45	1006.25	29.71	0.753	95.12	203.22	532.38			
1/23/99 9:00	1005.88	29.70	0.755	95.38	203.69	533.34			
1/23/99 9:15	1006.00	29.71	0.757	95.12	203.22	533.79			
1/23/99 9:30	1006.00	29.71	0.759	94.80	202.28	534.04	534.54		
1/23/99 9:45	1005.83	29.70	0.763	94.80	202.28	535.69			
1/23/99 10:00	1006.00	29.71	0.764	94.34	201.81	535.85			
1/23/99 10:15	1006.00	29.71	0.768	94.34	201.81	537.15			
1/23/99 10:30	1005.63	29.70	0.766	94.34	201.81	536.37	538.97		
1/23/99 10:45	1005.88	29.70	0.768	94.34	201.81	537.18			
1/23/99 11:00	1006.00	29.71	0.772	94.08	201.34	538.28			
1/23/99 11:15	1006.13	29.71	0.772	94.08	201.34	538.25			
1/23/99 11:30	1006.25	29.71	0.774	94.34	201.81	539.04	539.09		
1/23/99 11:45	1006.00	29.71	0.778	94.34	201.81	540.63			
1/23/99 12:00	1005.88	29.70	0.776	93.29	199.93	539.24			
1/23/99 12:15	1005.88	29.70	0.780	93.55	200.40	540.75			
1/23/99 12:30	1005.75	29.70	0.781	94.34	201.81	541.57	540.53		
1/23/99 12:45	1005.50	29.69	0.777	93.81	200.87	539.97			
1/23/99 13:00	1005.38	29.69	0.781	93.29	199.93	541.11			
1/23/99 13:15	1005.13	29.68	0.783	93.55	200.40	542.02			
1/23/99 13:30	1005.00	29.68	0.783	94.08	201.34	542.24	542.11		
1/23/99 13:45	1005.13	29.68	0.783	94.34	201.81	542.60			
1/23/99 14:00	1004.88	29.67	0.785	93.29	199.93	542.56			
1/23/99 14:15	1004.75	29.67	0.785	93.55	200.40	542.78			
1/23/99 14:30	1004.63	29.67	0.791	93.81	200.87	545.15	543.77		
1/23/99 14:45	1004.50	29.66	0.790	93.29	199.93	544.38			
1/23/99 15:00	1004.63	29.67	0.790	92.77	198.98	543.96			
1/23/99 15:15	1004.75	29.67	0.788	92.77	198.98	543.27			
1/23/99 15:30	1004.88	29.67	0.790	93.81	200.87	544.67	544.01		
1/23/99 15:45	1005.13	29.68	0.789	93.03	199.45	543.81			
1/23/99 16:00	1005.63	29.70	0.792	92.77	198.98	544.34			
1/23/99 16:15	1005.75	29.70	0.794	93.03	199.45	545.12			
1/23/99 16:30	1006.00	29.71	0.794	93.81	200.87	545.64	545.22		
1/23/99 16:45	1006.25	29.71	0.794	93.55	200.40	545.62			
1/23/99 17:00	1006.50	29.72	0.796	92.77	198.98	545.38			
1/23/99 17:15	1006.63	29.73	0.798	93.03	199.45	546.19			
1/23/99 17:30	1006.88	29.73	0.797	92.51	198.51	545.53	545.86		
1/23/99 17:45	1007.13	29.74	0.799	92.25	198.04	546.12			
1/23/99 18:00	1007.25	29.74	0.800	91.99	197.57	546.09			
1/23/99 18:15	1007.50	29.75	0.799	91.46	196.63	545.19			
1/23/99 18:30	1007.75	29.76	0.801	90.94	195.69	545.38	545.53		
1/23/99 18:45	1008.00	29.77	0.801	90.88	195.22	545.32			
1/23/99 19:00	1008.38	29.78	0.803	90.68	195.22	545.66			
1/23/99 19:15	1008.63	29.78	0.806	90.42	194.75	546.85			
1/23/99 19:30	1009.25	29.80	0.800	90.68	195.22	544.58	545.57		
1/23/99 19:45	1009.88	29.82	0.806	89.90	193.81	545.92			
1/23/99 20:00	1010.25	29.83	0.805	89.37	192.87	545.02			
1/23/99 20:15	1010.50	29.84	0.806	88.85	191.93	544.97			
1/23/99 20:30	1010.88	29.85	0.807	88.59	191.46	544.91	545.07		
1/23/99 20:45	1011.00	29.85	0.808	88.59	191.46	545.28			
1/23/99 21:00	1011.38	29.87	0.809	88.33	190.99	545.18			
1/23/99 21:15	1011.50	29.87	0.607	88.07	190.52	544.35			
1/23/99 21:30	1011.63	29.87	0.809	88.07	190.52	544.92	544.87		
1/23/99 21:45	1011.88	29.88	0.811	87.80	190.05	545.29			
1/23/99 22:00	1012.13	29.89	0.809	87.54	189.58	544.83			
1/23/99 22:15	1012.38	29.90	0.810	87.28	189.11	544.56			
1/23/99 22:30	1012.50	29.90	0.811	87.28	189.11	544.73	544.25		
1/23/99 22:45	1012.25	29.89	0.808	87.02	188.84	543.78			
1/23/99 23:00	1012.25	29.89	0.808	86.76	188.17	543.56			
1/23/99 23:15	1012.50	29.90	0.809	86.50	187.70	543.74			
1/23/99 23:30	1012.88	29.91	0.812	87.28	189.11	545.07	544.12		
1/23/99 23:45	1012.88	29.91	0.808	86.76	188.17	543.40			
1/24/99 0:00	1013.00	29.91	0.813	86.50	187.70	544.84			
1/24/99 0:15	1013.00	29.91	0.813	86.50	187.70	544.84			
1/24/99 0:30	1013.38	29.92	0.811	85.98	186.76	543.71	544.35		
1/24/99 0:45	1013.63	29.93	0.814	85.71	186.29	544.28			
1/24/99 1:00	1013.75	29.94	0.814	85.45	185.82	544.05			
1/24/99 1:15	1013.75	29.94	0.813	85.45	185.82	543.85			
1/24/99 1:30	1014.00	29.94	0.811	85.45	185.82	543.15	544.01		
1/24/99 1:45	1014.13	29.95	0.814	86.50	187.70	544.74			
1/24/99 2:00	1014.50	29.96	0.814	85.98	186.76	544.25			
1/24/99 2:15	1014.75	29.97	0.818	85.19	185.35	544.42			
1/24/99 2:30	1014.88	29.97	0.813	84.93	184.87	543.15	543.78		
1/24/99 2:45	1015.13	29.98	0.815	84.87	184.40	543.52			
1/24/99 3:00	1015.63	29.99	0.816	84.87	184.40	543.59			
1/24/99 3:15	1016.13	30.01	0.816	84.41	183.93	543.46			
1/24/99 3:30	1016.50	30.02	0.816	84.15	183.46	543.59	544.05		
1/24/99 3:45	1016.75	30.02	0.818	84.15	183.46	543.52			
1/24/99 4:00	1016.88	30.03	0.820	86.50	187.70	546.11			
1/24/99 4:15	1017.00	30.03	0.818	86.76	188.17	545.44			
1/24/99 4:30	1017.13	30.04	0.821	86.50	187.70	546.44	546.16		
1/24/99 4:45	1017.50	30.05	0.822	86.24	187.23	546.37			
1/24/99 5:00	1018.00	30.06	0.822	86.50	187.70	546.44			
1/24/99 5:15	1018.13	30.07	0.823	86.24	187.23	546.40			
1/24/99 5:30	1018.13	30.07	0.822	84.41	183.93	544.81	545.10		
1/24/99 5:45	1018.38	30.07	0.823	83.82	182.52	544.35			
1/24/99 6:00	1018.38	30.07	0.820	83.82	182.52	543.52			
1/24/99 6:15	1018.75	30.08	0.822	83.36	182.05	543.85			
1/24/99 6:30	1018.88	30.09	0.819	84.93	184.87	543.95	545.42		
1/24/99 6:45	1019.25	30.10	0.825	87.28	189.11	547.73			
1/24/99 7:00	1019.50	30.11	0.826	87.28	189.11	548.06			
1/24/99 7:15	1019.88	30.12	0.824	84.87	184.40	545.37			
1/24/99 7:30	1020.13	30.12	0.824	86.50	187.70	546.48	546.82		
1/24/99 7:45	1020.13	30.12	0.824	86.50	187.70	548.70			
1/24/99 8:00	1020.25	30.13	0.828	85.98	186.76	547.49			
1/24/99 8:15	1020.50	30.14	0.827	85.98	186.76	547.03			
1/24/99 8:30	1020.75	30.14	0.823	84.15	183.46	544.31	545.22		
1/24/99 8:45	1021.25	30.18	0.824	83.36	182.05	543.78			
1/24/99 9:00	1021.63	30.17	0.824	83.10	181.58	543.48			
1/24/99 9:15	1021.63	30.17	0.823	83.10	181.58	543.08			
1/24/99 9:30	1021.88	30.18	0.824	84.93	184.87	544.81	545.70		
1/24/99 9:45	1021.50	30.16	0.832	86.76	188.17	549.01			
1/24/99 10:00	1021.63	30.17	0.829	87.02	188.64	548.12			
1/24/99 10:15	1022.00	30.18	0.830	84.93	184.87	546.85			
1/24/99 10:30	1022.38	30.19	0.829	86.50	187.70	547.75	547.60		
1/24/99 10:45	1022.25	30.19	0.829	86.24	187.23	547.58			
1/24/99 11:00	1022.63	30.20	0.831	85.98	186.76	547.68			
1/24/99 11:15	1022.75	30.20	0.831	85.98	186.76	547.85			
1/24/99 11:30	1022.50	30.19	0.829	85.71	186.29	546.89	546.53		
1/24/99 11:45	1022.25	30.19	0.828	84.15	183.46	545.36			
1/24/99 12:00	1021.88	30.18	0.827	83.89	182.99	545.07			
1/24/99 12:15	1021.88	30.18	0.828	83.62	182.52	545.06			
1/24/99 12:30	1021.88	30.18	0.829	83.62	182.52	545.46	545.26		

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/24/99 12:45	1021.75	30.17	0.829	83.62	182.52	545.49			
1/24/99 13:00	1021.38	30.18	0.827	83.89	182.99	545.20			
1/24/99 13:15	1021.50	30.18	0.829	83.89	182.99	545.78			
1/24/99 13:30	1021.50	30.18	0.829	83.89	182.99	545.99	545.67		
1/24/99 13:45	1021.75	30.17	0.826	84.15	183.46	545.07			
1/24/99 14:00	1021.75	30.17	0.830	84.15	183.46	546.32			
1/24/99 14:15	1021.88	30.18	0.829	84.15	183.46	546.09			
1/24/99 14:30	1022.25	30.19	0.832	84.41	183.93	547.01	546.22		
1/24/99 14:45	1022.63	30.20	0.829	84.15	183.46	545.66			
1/24/99 15:00	1022.88	30.21	0.830	84.15	183.46	546.02			
1/24/99 15:15	1023.00	30.21	0.831	84.15	183.46	546.18			
1/24/99 15:30	1022.75	30.20	0.828	84.15	183.46	545.23	546.17		
1/24/99 15:45	1022.63	30.20	0.831	84.41	183.93	546.48			
1/24/99 16:00	1022.50	30.19	0.833	84.15	183.46	546.94			
1/24/99 16:15	1022.25	30.19	0.831	84.41	183.93	546.58			
1/24/99 16:30	1022.63	30.20	0.831	84.67	184.40	546.68	546.40		
1/24/99 16:45	1023.00	30.21	0.830	84.15	183.46	545.99			
1/24/99 17:00	1022.88	30.21	0.829	84.15	183.46	545.82			
1/24/99 17:15	1022.75	30.20	0.833	84.15	183.46	547.07			
1/24/99 17:30	1022.63	30.20	0.830	83.89	182.99	545.89	547.02		
1/24/99 17:45	1022.63	30.20	0.831	85.45	185.82	547.28			
1/24/99 18:00	1022.88	30.21	0.833	86.76	188.17	549.03			
1/24/99 18:15	1022.75	30.20	0.834	88.24	187.23	548.87			
1/24/99 18:30	1022.50	30.19	0.833	85.45	185.82	548.14	547.84		
1/24/99 18:45	1022.75	30.20	0.829	83.38	182.05	545.28			
1/24/99 19:00	1022.63	30.20	0.833	85.45	185.82	547.91			
1/24/99 19:15	1022.63	30.20	0.837	86.50	187.70	550.15			
1/24/99 19:30	1023.00	30.21	0.832	85.71	186.29	547.61	548.38		
1/24/99 19:45	1023.00	30.21	0.832	85.45	185.82	547.61			
1/24/99 20:00	1023.00	30.21	0.833	85.98	186.76	548.40			
1/24/99 20:15	1023.13	30.21	0.831	85.98	186.76	547.55			
1/24/99 20:30	1023.38	30.22	0.834	85.19	185.35	547.90	547.46		
1/24/99 20:45	1023.13	30.21	0.830	85.19	185.35	546.75			
1/24/99 21:00	1023.00	30.21	0.830	85.19	185.35	546.76			
1/24/99 21:15	1023.50	30.22	0.834	84.93	184.87	547.67			
1/24/99 21:30	1023.13	30.21	0.831	85.71	186.29	547.54	547.72		
1/24/99 21:45	1023.38	30.22	0.836	85.19	185.35	548.52			
1/24/99 22:00	1023.50	30.22	0.833	85.71	186.29	548.07			
1/24/99 22:15	1023.25	30.22	0.834	84.67	184.40	547.76			
1/24/99 22:30	1022.88	30.21	0.833	85.45	185.82	548.04	548.07		
1/24/99 22:45	1022.50	30.19	0.832	85.45	185.82	547.74			
1/24/99 23:00	1022.50	30.19	0.833	88.24	187.23	548.74			
1/24/99 23:15	1022.75	30.20	0.833	85.19	185.35	547.87			
1/24/99 23:30	1022.75	30.20	0.831	83.10	181.58	545.45	547.23		
1/24/99 23:45	1022.50	30.19	0.831	82.84	181.11	545.51			
1/25/99 0:00	1022.38	30.19	0.834	85.71	186.29	548.80			
1/25/99 0:15	1022.00	30.18	0.831	85.98	186.76	547.85			
1/25/99 0:30	1021.75	30.17	0.833	83.10	181.58	546.34	547.60		
1/25/99 0:45	1021.50	30.16	0.831	84.93	184.87	547.38			
1/25/99 1:00	1021.25	30.16	0.831	85.19	185.35	547.85			
1/25/99 1:15	1021.25	30.16	0.831	84.93	184.87	547.45			
1/25/99 1:30	1021.13	30.15	0.830	85.19	185.35	547.29	547.67		
1/25/99 1:45	1021.38	30.16	0.829	85.98	186.76	547.39			
1/25/99 2:00	1021.63	30.17	0.834	85.19	185.35	548.60			
1/25/99 2:15	1021.63	30.17	0.829	83.89	182.99	545.73			
1/25/99 2:30	1021.50	30.16	0.832	85.45	185.82	548.01	547.31		
1/25/99 2:45	1021.38	30.18	0.830	85.45	185.82	547.42			
1/25/99 3:00	1021.38	30.18	0.830	84.67	184.40	546.82			
1/25/99 3:15	1021.38	30.16	0.832	84.93	184.87	547.64			
1/25/99 3:30	1021.38	30.18	0.831	85.19	185.35	547.42	547.49		
1/25/99 3:45	1021.25	30.18	0.829	85.45	185.82	547.25			
1/25/99 4:00	1021.00	30.15	0.833	85.19	185.35	548.34			
1/25/99 4:15	1020.88	30.15	0.826	83.62	182.52	544.90			
1/25/99 4:30	1021.00	30.15	0.832	85.71	186.29	548.34	547.05		
1/25/99 4:45	1020.88	30.15	0.830	85.45	185.82	547.55			
1/25/99 5:00	1021.00	30.15	0.827	84.93	184.87	546.10			
1/25/99 5:15	1021.13	30.15	0.830	84.93	184.87	547.09			
1/25/99 5:30	1021.00	30.15	0.831	83.62	182.52	546.52	545.83		
1/25/99 5:45	1020.75	30.14	0.826	83.10	181.58	544.54			
1/25/99 6:00	1020.75	30.14	0.826	82.32	180.17	543.94			
1/25/99 6:15	1020.88	30.15	0.830	85.19	185.35	547.35			
1/25/99 6:30	1020.75	30.14	0.829	84.67	184.40	546.79	531.91		
1/25/99 6:45	1020.88	30.15	0.716	92.25	198.04	513.46			
1/25/99 7:00	1021.13	30.15	0.697	94.60	202.28	508.02			
1/25/99 7:15	1021.38	30.16	0.696	96.69	206.04	508.93			
1/25/99 7:30	1021.63	30.17	0.693	96.17	205.10	507.37	508.77		
1/25/99 7:45	1022.00	30.18	0.697	96.43	205.57	509.07			
1/25/99 8:00	1022.25	30.19	0.702	95.90	204.63	510.47			
1/25/99 8:15	1022.38	30.19	0.693	95.38	203.69	506.65			
1/25/99 8:30	1022.63	30.20	0.856	84.15	183.46	554.44	534.46		
1/25/99 8:45	1022.88	30.21	0.852	81.79	179.23	551.35			
1/25/99 9:00	1023.25	30.22	0.846	81.79	179.23	549.41			
1/25/99 9:15	1023.38	30.22	0.724	89.11	192.40	513.26			
1/25/99 9:30	1023.38	30.22	0.717	91.99	197.57	512.86	520.24		
1/25/99 9:45	1023.75	30.23	0.713	92.51	198.51	511.78			
1/25/99 10:00	1024.38	30.25	0.719	92.51	198.51	513.87			
1/25/99 10:15	1024.75	30.28	0.715	92.77	198.98	512.39			
1/25/99 10:30	1025.00	30.27	0.719	92.77	198.98	513.69	513.27		
1/25/99 10:45	1025.38	30.28	0.719	92.77	198.98	513.81			
1/25/99 11:00	1025.75	30.29	0.716	92.77	198.98	512.60			
1/25/99 11:15	1026.13	30.30	0.719	92.51	198.51	513.44			
1/25/99 11:30	1026.38	30.31	0.717	92.77	198.98	512.66	513.02		
1/25/99 11:45	1026.50	30.31	0.718	92.77	198.98	512.85			
1/25/99 12:00	1026.50	30.31	0.720	92.51	198.51	513.56			
1/25/99 12:15	1026.75	30.32	0.715	92.77	198.98	511.89			
1/25/99 12:30	1026.63	30.32	0.721	92.51	198.51	513.95	512.91		
1/25/99 12:45	1026.75	30.32	0.718	92.77	198.98	512.78			
1/25/99 13:00	1026.75	30.32	0.717	92.51	198.51	512.39			
1/25/99 13:15	1026.88	30.32	0.719	92.25	198.04	513.06			
1/25/99 13:30	1027.13	30.33	0.718	92.77	198.98	512.26	512.88		
1/25/99 13:45	1027.25	30.33	0.723	92.51	198.51	514.28			
1/25/99 14:00	1027.38	30.34	0.718	92.51	198.51	512.45			
1/25/99 14:15	1027.63	30.35	0.721	92.77	198.98	513.67			
1/25/99 14:30	1027.88	30.35	0.722	92.51	198.51	513.89	513.20		
1/25/99 14:45	1028.13	30.38	0.716	92.51	198.51	512.26			
1/25/99 15:00	1028.25	30.38	0.721	92.77	198.98	513.73			
1/25/99 15:15	1028.50	30.37	0.719	92.51	198.51	512.84			
1/25/99 15:30	1028.63	30.38	0.719	92.77	198.98	512.78	513.23		
1/25/99 15:45	1028.75	30.38	0.723	92.51	198.51	514.10			
1/25/99 16:00	1029.00	30.39	0.719	92.77	198.98	512.69			
1/25/99 16:15	1029.38	30.40	0.718	92.77	198.98	512.13			
1/25/99 16:30	1029.50	30.40	0.722	92.51	198.51	513.48	512.81		
1/25/99 16:45	1029.63	30.40	0.718	92.77	198.98	512.28			
1/25/99 17:00	1029.63	30.40	0.722	92.51	198.51	513.45			
1/25/99 17:15	1029.63	30.40	0.721	92.51	198.51	513.20			
1/25/99 17:30	1029.88	30.41	0.717	92.77	198.98	511.79	512.58		
1/25/99 17:45	1030.00	30.42	0.721	92.25	198.04	512.71			
1/25/99 18:00	1030.25	30.42	0.718	92.51	198.51	511.73			
1/25/99 18:15	1030.50	30.43	0.718	92.51	198.51	511.88			

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/25/99 18:30	1030.88	30.44	0.723	91.99	197.57	512.99	512.35		
1/25/99 18:45	1031.00	30.45	0.719	92.51	198.51	512.01			
1/25/99 19:00	1031.00	30.45	0.723	92.25	198.04	513.14			
1/25/99 19:15	1031.00	30.45	0.719	92.25	198.04	511.82			
1/25/99 19:30	1031.00	30.45	0.718	92.51	198.51	511.54	512.24		
1/25/99 19:45	1031.25	30.45	0.722	91.99	197.57	512.88			
1/25/99 20:00	1031.38	30.46	0.718	93.03	199.45	512.03			
1/25/99 20:15	1031.50	30.46	0.722	95.38	203.69	515.00			
1/25/99 20:30	1031.50	30.46	0.725	93.81	200.87	515.00	513.96		
1/25/99 20:45	1031.63	30.46	0.719	94.08	201.34	512.95			
1/25/99 21:00	1031.75	30.47	0.723	94.60	202.28	514.81			
1/25/99 21:15	1031.75	30.47	0.721	94.34	201.81	513.95			
1/25/99 21:30	1031.75	30.47	0.719	94.86	202.75	513.46	513.91		
1/25/99 21:45	1031.75	30.47	0.722	94.34	201.81	514.20			
1/25/99 22:00	1032.00	30.47	0.721	93.55	200.40	513.13			
1/25/99 22:15	1032.13	30.48	0.721	94.34	201.81	513.88			
1/25/99 22:30	1032.38	30.49	0.723	92.77	198.98	513.16	513.69		
1/25/99 22:45	1032.38	30.49	0.720	94.60	202.28	513.55			
1/25/99 23:00	1032.50	30.49	0.724	94.08	201.34	514.72			
1/25/99 23:15	1032.50	30.49	0.720	92.51	198.51	512.06			
1/25/99 23:30	1032.38	30.49	0.721	94.08	201.34	513.62	512.99		
1/25/99 23:45	1032.25	30.48	0.723	92.51	198.51	513.01			
1/26/99 0:00	1032.25	30.48	0.719	91.99	197.57	511.54			
1/26/99 0:15	1032.00	30.47	0.719	91.99	197.57	511.61			
1/26/99 0:30	1031.88	30.47	0.723	94.86	202.75	514.75	513.19		
1/26/99 0:45	1031.88	30.47	0.721	94.60	202.28	513.89			
1/26/99 1:00	1031.88	30.47	0.722	94.34	201.81	514.17			
1/26/99 1:15	1031.88	30.47	0.721	94.34	201.81	513.92			
1/26/99 1:30	1031.88	30.47	0.719	94.34	201.81	513.07	513.66		
1/26/99 1:45	1031.75	30.47	0.723	94.34	201.81	514.42			
1/26/99 2:00	1031.63	30.46	0.718	94.08	201.34	512.70			
1/26/99 2:15	1031.50	30.46	0.717	92.77	198.98	511.39			
1/26/99 2:30	1031.50	30.46	0.718	93.03	199.45	512.00	512.68		
1/26/99 2:45	1031.63	30.46	0.721	93.81	200.87	513.41			
1/26/99 3:00	1031.63	30.46	0.720	94.86	202.75	513.92			
1/26/99 3:15	1031.63	30.46	0.723	94.34	201.81	514.45			
1/26/99 3:30	1031.38	30.46	0.719	93.81	200.87	513.04	513.82		
1/26/99 3:45	1031.13	30.45	0.721	94.34	201.81	513.90			
1/26/99 4:00	1030.88	30.44	0.721	93.81	200.87	513.81			
1/26/99 4:15	1031.00	30.45	0.718	94.08	201.34	512.64			
1/26/99 4:30	1031.00	30.45	0.721	94.34	201.81	513.93	513.29		
1/26/99 4:45	1030.88	30.44	0.721	94.08	201.34	513.78			
1/26/99 5:00	1030.88	30.44	0.718	93.55	200.40	512.30			
1/26/99 5:15	1031.13	30.45	0.720	93.81	200.87	513.32			
1/26/99 5:30	1031.13	30.45	0.721	93.03	199.45	512.98	513.10		
1/26/99 5:45	1030.88	30.44	0.718	94.08	201.34	512.67			
1/26/99 6:00	1031.00	30.45	0.722	94.08	201.34	514.21			
1/26/99 6:15	1031.00	30.45	0.719	92.25	198.04	511.82			
1/26/99 6:30	1031.13	30.45	0.718	94.34	201.81	512.79	511.90		
1/26/99 6:45	1031.25	30.45	0.721	93.55	200.40	513.32			
1/26/99 7:00	1031.13	30.45	0.702	94.60	202.28	507.36			
1/26/99 7:15	1031.13	30.45	0.688	96.17	205.10	502.51			
1/26/99 7:30	1031.25	30.45	0.686	96.69	206.04	503.05	503.61		
1/26/99 7:45	1031.25	30.45	0.682	95.38	203.69	500.59			
1/26/99 8:00	1031.38	30.46	0.689	97.21	206.98	504.55			
1/26/99 8:15	1031.38	30.46	0.688	96.69	206.04	503.72			
1/26/99 8:30	1031.25	30.45	0.687	97.47	207.45	503.84	503.40		
1/26/99 8:45	1031.50	30.46	0.687	97.21	206.98	503.60			
1/26/99 9:00	1031.75	30.47	0.684	95.64	204.16	501.30			
1/26/99 9:15	1031.68	30.47	0.684	96.43	205.57	501.60			
1/26/99 9:30	1032.00	30.47	0.683	95.38	203.69	500.84	501.41		
1/26/99 9:45	1032.13	30.48	0.683	96.95	206.51	501.66			
1/26/99 10:00	1031.88	30.47	0.684	95.90	204.63	501.45			
1/26/99 10:15	1032.00	30.47	0.682	95.64	204.16	500.58			
1/26/99 10:30	1031.75	30.47	0.681	96.17	205.10	500.74	501.19		
1/26/99 10:45	1031.25	30.45	0.683	97.21	206.98	502.05			
1/26/99 11:00	1031.50	30.46	0.681	96.69	206.04	501.15			
1/26/99 11:15	1031.25	30.45	0.679	96.95	206.51	500.73			
1/26/99 11:30	1031.00	30.45	0.684	96.95	206.51	502.37	501.79		
1/26/99 11:45	1030.75	30.44	0.682	97.21	206.98	501.95			
1/26/99 12:00	1030.75	30.44	0.683	97.73	207.92	502.74			
1/26/99 12:15	1030.50	30.43	0.684	97.73	207.92	503.02			
1/26/99 12:30	1030.38	30.43	0.680	98.00	208.39	501.87	502.27		
1/26/99 12:45	1030.13	30.42	0.679	98.00	208.39	501.71			
1/26/99 13:00	1029.75	30.41	0.680	98.00	208.39	502.02			
1/26/99 13:15	1029.50	30.40	0.680	98.78	209.80	502.61			
1/26/99 13:30	1029.25	30.39	0.681	98.78	209.80	503.12	502.66		
1/26/99 13:45	1028.88	30.38	0.681	99.04	210.27	503.38			
1/26/99 14:00	1028.50	30.37	0.678	99.30	210.74	502.28			
1/26/99 14:15	1028.38	30.37	0.684	99.30	210.74	504.61			
1/26/99 14:30	1028.00	30.36	0.681	99.58	211.21	503.73	503.82		
1/26/99 14:45	1027.75	30.35	0.680	99.82	211.68	503.75			
1/26/99 15:00	1027.63	30.35	0.683	99.56	211.21	504.75			
1/26/99 15:15	1027.38	30.34	0.682	100.09	212.15	504.72			
1/26/99 15:30	1027.13	30.33	0.683	100.09	212.15	505.00	504.63		
1/26/99 15:45	1027.13	30.33	0.681	99.58	211.21	504.17			
1/26/99 16:00	1027.13	30.33	0.681	100.09	212.15	504.52			
1/26/99 16:15	1027.00	30.33	0.681	100.09	212.15	504.33			
1/26/99 16:30	1026.75	30.32	0.680	99.56	211.21	503.81	503.93		
1/26/99 16:45	1026.63	30.32	0.677	99.56	211.21	502.70			
1/26/99 17:00	1026.63	30.32	0.681	99.56	211.21	504.29			
1/26/99 17:15	1026.38	30.31	0.682	99.30	210.74	504.43			
1/26/99 17:30	1026.38	30.31	0.678	99.30	210.74	503.03	503.55		
1/26/99 17:45	1026.25	30.31	0.680	99.04	210.27	503.58			
1/26/99 18:00	1026.25	30.31	0.679	98.00	208.39	502.40			
1/26/99 18:15	1026.38	30.31	0.678	97.47	207.45	501.57			
1/26/99 18:30	1026.25	30.31	0.676	96.95	206.51	500.76	500.82		
1/26/99 18:45	1026.00	30.30	0.676	96.17	205.10	500.29			
1/26/99 19:00	1025.63	30.29	0.673	95.90	204.63	499.06			
1/26/99 19:15	1025.38	30.28	0.676	97.21	206.98	500.93			
1/26/99 19:30	1025.13	30.27	0.678	96.95	206.51	501.52	500.06		
1/26/99 19:45	1025.00	30.27	0.674	96.43	205.57	499.79			
1/26/99 20:00	1024.75	30.28	0.673	95.64	204.16	499.10			
1/26/99 20:15	1024.63	30.26	0.673	95.38	203.69	498.73			
1/26/99 20:30	1024.88	30.26	0.673	96.69	206.04	499.55	500.00		
1/26/99 20:45	1024.88	30.28	0.679	97.47	207.45	502.38			
1/26/99 21:00	1024.38	30.25	0.673	97.21	206.98	500.25			
1/26/99 21:15	1024.13	30.24	0.675	95.90	204.63	500.13			
1/26/99 21:30	1023.75	30.23	0.673	95.38	203.69	498.94	499.09		
1/26/99 21:45	1023.50	30.22	0.672	95.38	203.69	498.78			
1/26/99 22:00	1023.63	30.23	0.668	95.38	203.69	497.34			
1/26/99 22:15	1023.25	30.22	0.673	95.38	203.69	499.29			
1/26/99 22:30	1022.75	30.20	0.670	95.12	203.22	498.06	496.67		
1/26/99 22:45	1022.75	30.20	0.673	95.38	203.69	499.19			
1/26/99 23:00	1022.63	30.20	0.673	95.36	203.69	499.44			
1/26/99 23:15	1022.13	30.18	0.668	95.38	203.69	497.70			
1/26/99 23:30	1021.88	30.18	0.669	95.90	204.63	498.34	498.64		
1/26/99 23:45	1021.75	30.17	0.670	96.17	205.10	499.03			
1/27/99 0:00	1021.63	30.17	0.668	96.69	206.04	498.70			

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/27/99 0:15	1021.38	30.16	0.669	96.43	205.57	499.07			
1/27/99 0:30	1020.88	30.15	0.673	96.17	205.10	500.17	499.03		
1/27/99 0:45	1020.75	30.14	0.671	96.17	205.10	499.50			
1/27/99 1:00	1020.38	30.13	0.666	96.17	205.10	497.72			
1/27/99 1:15	1020.00	30.12	0.672	95.90	204.63	499.99			
1/27/99 1:30	1019.63	30.11	0.668	96.43	205.57	499.02	499.06		
1/27/99 1:45	1019.38	30.10	0.668	96.69	206.04	499.25			
1/27/99 2:00	1019.13	30.09	0.668	96.69	206.04	499.32			
1/27/99 2:15	1018.88	30.09	0.666	96.95	206.51	498.62			
1/27/99 2:30	1018.75	30.08	0.666	96.95	206.51	498.87	499.00		
1/27/99 2:45	1018.50	30.08	0.668	96.69	206.04	499.24			
1/27/99 3:00	1018.25	30.07	0.666	97.21	206.98	498.95			
1/27/99 3:15	1018.13	30.07	0.666	97.47	207.45	499.38			
1/27/99 3:30	1017.88	30.06	0.670	97.21	206.98	500.69	499.72		
1/27/99 3:45	1017.88	30.06	0.667	97.47	207.45	499.70			
1/27/99 4:00	1017.75	30.05	0.667	97.73	207.92	499.91			
1/27/99 4:15	1018.00	30.06	0.668	97.47	207.45	499.90			
1/27/99 4:30	1018.25	30.07	0.667	97.21	206.98	499.43	499.54		
1/27/99 4:45	1018.00	30.06	0.666	96.95	206.51	498.83			
1/27/99 5:00	1018.13	30.07	0.669	96.43	205.57	499.61			
1/27/99 5:15	1017.88	30.06	0.664	95.90	204.63	497.71			
1/27/99 5:30	1017.75	30.05	0.664	95.90	204.63	497.46	498.02		
1/27/99 5:45	1017.63	30.05	0.666	95.90	204.63	498.22			
1/27/99 6:00	1017.50	30.05	0.663	95.90	204.63	497.09			
1/27/99 6:15	1017.38	30.04	0.664	95.90	204.63	497.83			
1/27/99 6:30	1017.25	30.04	0.666	95.90	204.63	498.31	498.07		
1/27/99 6:45	1017.00	30.03	0.665	96.43	205.57	498.50			
1/27/99 7:00	1016.75	30.02	0.664	97.21	206.98	498.60			
1/27/99 7:15	1016.63	30.02	0.669	97.47	207.45	500.68			
1/27/99 7:30	1016.50	30.02	0.667	98.00	208.39	500.39	500.35		
1/27/99 7:45	1016.25	30.01	0.665	98.52	209.33	500.09			
1/27/99 8:00	1016.25	30.01	0.670	98.52	209.33	501.97			
1/27/99 8:15	1016.13	30.01	0.670	98.78	209.80	502.18			
1/27/99 8:30	1016.13	30.01	0.666	99.30	210.74	501.10	501.81		
1/27/99 8:45	1016.13	30.01	0.669	99.30	210.74	502.04			
1/27/99 9:00	1016.00	30.00	0.667	99.82	211.68	501.75			
1/27/99 9:15	1016.00	30.00	0.666	100.61	213.09	502.01			
1/27/99 9:30	1015.75	30.00	0.669	101.13	214.04	503.36	503.05		
1/27/99 9:45	1015.75	30.00	0.671	101.39	214.51	504.48			
1/27/99 10:00	1015.63	29.99	0.668	102.18	215.92	503.64			
1/27/99 10:15	1015.50	29.99	0.669	102.44	216.39	504.57			
1/27/99 10:30	1015.50	29.99	0.675	102.70	216.86	506.65	505.00		
1/27/99 10:45	1015.38	29.98	0.669	102.96	217.33	504.95			
1/27/99 11:00	1015.38	29.98	0.666	103.74	218.74	504.98			
1/27/99 11:15	1015.38	29.98	0.671	103.48	218.27	505.98			
1/27/99 11:30	1015.38	29.98	0.671	104.00	219.21	506.10	505.93		
1/27/99 11:45	1015.25	29.98	0.669	104.00	219.21	505.68			
1/27/99 12:00	1015.00	29.97	0.673	104.00	219.21	506.91			
1/27/99 12:15	1014.63	29.96	0.671	104.27	219.68	506.69			
1/27/99 12:30	1014.25	29.95	0.669	105.05	221.09	506.63	507.36		
1/27/99 12:45	1014.00	29.94	0.674	105.05	221.09	508.58			
1/27/99 13:00	1013.75	29.94	0.673	105.31	221.56	508.10			
1/27/99 13:15	1013.50	29.93	0.671	106.10	222.97	508.20			
1/27/99 13:30	1013.38	29.92	0.673	105.83	222.50	508.77	508.52		
1/27/99 13:45	1013.38	29.92	0.676	105.83	222.50	509.72			
1/27/99 14:00	1013.25	29.92	0.670	106.10	222.97	507.81			
1/27/99 14:15	1013.25	29.92	0.673	106.10	222.97	508.98			
1/27/99 14:30	1013.13	29.92	0.675	106.10	222.97	509.73	508.52		
1/27/99 14:45	1013.00	29.91	0.669	106.36	223.44	507.55			
1/27/99 15:00	1013.25	29.92	0.672	106.10	222.97	508.53			
1/27/99 15:15	1013.50	29.93	0.675	105.83	222.50	509.46			
1/27/99 15:30	1013.63	29.93	0.671	105.83	222.50	507.99	508.40		
1/27/99 15:45	1013.75	29.94	0.671	105.83	222.50	507.73			
1/27/99 16:00	1013.88	29.94	0.673	105.31	221.56	508.30			
1/27/99 16:15	1013.88	29.94	0.671	105.31	221.56	507.58			
1/27/99 16:30	1014.13	29.95	0.669	105.57	222.03	507.01	508.03		
1/27/99 16:45	1014.00	29.94	0.675	104.79	220.62	508.63			
1/27/99 17:00	1013.88	29.94	0.674	105.05	221.09	508.61			
1/27/99 17:15	1014.13	29.95	0.672	104.79	220.62	507.43			
1/27/99 17:30	1014.38	29.95	0.676	104.79	220.62	508.99	508.16		
1/27/99 17:45	1014.38	29.95	0.675	104.53	220.15	508.36			
1/27/99 18:00	1014.50	29.96	0.672	105.05	221.09	507.51			
1/27/99 18:15	1014.75	29.97	0.671	104.79	220.62	507.01			
1/27/99 18:30	1015.00	29.97	0.677	104.27	219.68	508.74	507.30		
1/27/99 18:45	1015.00	29.97	0.671	104.27	219.68	506.37			
1/27/99 19:00	1015.00	29.97	0.672	104.27	219.68	506.86			
1/27/99 19:15	1015.00	29.97	0.674	103.74	218.74	507.45			
1/27/99 19:30	1015.13	29.98	0.671	104.00	219.21	506.39	506.59		
1/27/99 19:45	1015.13	29.98	0.669	103.74	218.74	505.54			
1/27/99 20:00	1015.25	29.98	0.673	103.48	218.27	506.72			
1/27/99 20:15	1015.25	29.98	0.671	103.48	218.27	505.78			
1/27/99 20:30	1015.25	29.98	0.669	103.22	217.80	505.16	505.68		
1/27/99 20:45	1015.13	29.98	0.672	102.96	217.33	505.95			
1/27/99 21:00	1015.25	29.98	0.673	102.44	216.39	505.80			
1/27/99 21:15	1015.38	29.98	0.670	102.70	216.86	505.00			
1/27/99 21:30	1015.25	29.98	0.672	102.96	217.33	505.92	505.54		
1/27/99 21:45	1015.25	29.98	0.673	102.70	216.86	506.20			
1/27/99 22:00	1015.38	29.98	0.669	102.70	216.86	504.77			
1/27/99 22:15	1015.38	29.98	0.669	102.44	216.39	504.33			
1/27/99 22:30	1015.38	29.98	0.673	102.18	215.92	505.59	504.69		
1/27/99 22:45	1015.50	29.99	0.671	101.91	215.45	504.87			
1/27/99 23:00	1015.63	29.99	0.669	102.18	215.92	504.10			
1/27/99 23:15	1015.75	30.00	0.668	101.65	214.98	503.26			
1/27/99 23:30	1015.75	30.00	0.673	101.91	215.45	505.32	504.39		
1/27/99 23:45	1015.75	30.00	0.670	102.18	215.92	504.56			
1/28/99 0:00	1016.00	30.00	0.671	102.18	215.92	504.72			
1/28/99 0:15	1016.38	30.01	0.674	102.18	215.92	506.05			
1/28/99 0:30	1016.25	30.01	0.673	102.18	215.92	505.37	504.84		
1/28/99 0:45	1016.38	30.01	0.668	102.44	216.39	503.63			
1/28/99 1:00	1016.63	30.02	0.671	101.65	214.98	504.44			
1/28/99 1:15	1016.75	30.02	0.671	101.39	214.51	504.01			
1/28/99 1:30	1016.88	30.03	0.670	101.39	214.51	503.75	504.08		
1/28/99 1:45	1017.00	30.03	0.672	100.87	213.56	504.08			
1/28/99 2:00	1017.00	30.03	0.673	100.61	213.09	504.13			
1/28/99 2:15	1017.00	30.03	0.669	100.61	213.09	502.70			
1/28/99 2:30	1017.13	30.04	0.671	100.87	213.56	503.56	503.78		
1/28/99 2:45	1017.13	30.04	0.674	100.35	212.62	504.37			
1/28/99 3:00	1017.25	30.04	0.673	100.35	212.62	504.12			
1/28/99 3:15	1017.38	30.04	0.669	100.35	212.62	502.43			
1/28/99 3:30	1017.38	30.04	0.671	100.35	212.62	503.15	503.10		
1/28/99 3:45	1017.38	30.04	0.673	99.82	211.68	503.73			
1/28/99 4:00	1017.25	30.04	0.668	100.09	212.15	502.06			
1/28/99 4:15	1017.50	30.05	0.671	100.35	212.62	503.12			
1/28/99 4:30	1017.50	30.05	0.674	99.56	211.21	504.01	502.81		
1/28/99 4:45	1017.38	30.04	0.669	99.82	211.68	502.35			
1/28/99 5:00	1017.50	30.05	0.669	100.09	212.15	502.49			
1/28/99 5:15	1017.63	30.05	0.674	99.82	211.68	503.89			
1/28/99 5:30	1017.63	30.05	0.671	99.82	211.68	502.73	502.60		
1/28/99 5:45	1017.66	30.06	0.668	100.09	212.15	501.91			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/28/99 6:00	1017.88	30.06	0.672	99.56	211.21	502.98			
1/28/99 6:15	1017.88	30.06	0.672	99.56	211.21	502.96			
1/28/99 6:30	1017.88	30.06	0.668	100.09	212.15	501.68	502.54		
1/28/99 6:45	1018.00	30.06	0.668	100.09	212.15	501.65			
1/28/99 7:00	1018.13	30.07	0.673	99.56	211.21	503.37			
1/28/99 7:15	1018.38	30.07	0.671	99.56	211.21	502.60			
1/28/99 7:30	1018.63	30.08	0.669	99.56	211.21	501.86	502.66		
1/28/99 7:45	1018.75	30.08	0.673	99.30	210.74	503.04			
1/28/99 8:00	1018.63	30.08	0.672	99.04	210.27	502.45			
1/28/99 8:15	1018.75	30.08	0.671	99.30	210.74	502.10			
1/28/99 8:30	1018.75	30.08	0.709	96.95	206.51	514.54	505.63		
1/28/99 8:45	1018.75	30.08	0.705	96.17	205.10	512.65			
1/28/99 9:00	1018.63	30.08	0.653	100.61	213.09	496.41			
1/28/99 9:15	1018.63	30.08	0.656	100.87	213.56	497.76			
1/28/99 9:30	1018.88	30.09	0.658	100.35	212.62	498.07	498.50		
1/28/99 9:45	1018.88	30.09	0.660	100.87	213.56	499.14			
1/28/99 10:00	1018.75	30.08	0.666	100.61	213.09	501.11			
1/28/99 10:15	1019.25	30.10	0.664	100.61	213.09	500.27			
1/28/99 10:30	1019.13	30.09	0.664	100.87	213.56	500.47	500.92		
1/28/99 10:45	1019.25	30.10	0.667	100.61	213.09	501.47			
1/28/99 11:00	1019.50	30.11	0.666	101.13	214.04	501.27			
1/28/99 11:15	1019.63	30.11	0.667	101.13	214.04	501.73			
1/28/99 11:30	1019.75	30.11	0.666	100.87	213.56	501.97	501.47		
1/28/99 11:45	1019.50	30.11	0.666	100.87	213.56	501.10			
1/28/99 12:00	1019.75	30.11	0.666	100.87	213.56	501.26			
1/28/99 12:15	1019.75	30.11	0.669	100.35	212.62	502.11			
1/28/99 12:30	1019.88	30.12	0.668	100.35	212.62	501.37	502.00		
1/28/99 12:45	1019.88	30.12	0.669	100.87	213.56	502.17			
1/28/99 13:00	1019.88	30.12	0.673	100.09	212.15	503.07			
1/28/99 13:15	1019.88	30.12	0.668	100.09	212.15	501.42			
1/28/99 13:30	1019.50	30.11	0.668	100.09	212.15	501.51	502.24		
1/28/99 13:45	1019.63	30.11	0.672	99.82	211.68	502.73			
1/28/99 14:00	1019.63	30.11	0.671	99.82	211.68	502.47			
1/28/99 14:15	1019.75	30.11	0.746	97.47	207.45	527.88			
1/28/99 14:30	1019.88	30.12	0.676	96.95	206.51	502.10	508.34		
1/28/99 14:45	1020.00	30.12	0.664	100.35	212.62	499.91			
1/28/99 15:00	1020.25	30.13	0.662	100.61	213.09	499.34			
1/28/99 15:15	1020.50	30.14	0.668	100.09	212.15	501.26			
1/28/99 15:30	1020.75	30.14	0.669	99.82	211.68	501.25	501.28		
1/28/99 15:45	1020.88	30.15	0.668	100.87	213.56	501.47			
1/28/99 16:00	1021.25	30.16	0.673	100.61	213.09	503.08			
1/28/99 16:15	1021.50	30.16	0.672	99.82	211.68	502.27			
1/28/99 16:30	1021.63	30.17	0.671	99.82	211.68	501.75	502.66		
1/28/99 16:45	1022.13	30.18	0.676	99.82	211.68	503.72			
1/28/99 17:00	1022.38	30.19	0.675	98.78	209.80	502.50			
1/28/99 17:15	1022.88	30.21	0.674	100.09	212.15	503.04			
1/28/99 17:30	1023.13	30.21	0.674	98.26	208.86	501.48	501.47		
1/28/99 17:45	1023.25	30.22	0.673	97.21	206.98	500.30			
1/28/99 18:00	1023.50	30.22	0.672	97.21	206.98	500.02			
1/28/99 18:15	1023.88	30.23	0.673	96.95	206.51	499.97			
1/28/99 18:30	1024.13	30.24	0.675	96.17	205.10	500.31	499.71		
1/28/99 18:45	1024.38	30.25	0.672	96.43	205.57	499.27			
1/28/99 19:00	1024.50	30.25	0.671	96.43	205.57	498.98			
1/28/99 19:15	1024.88	30.26	0.676	95.90	204.63	500.39			
1/28/99 19:30	1025.25	30.28	0.673	95.64	204.16	498.98	499.41		
1/28/99 19:45	1025.38	30.28	0.672	95.90	204.63	498.68			
1/28/99 20:00	1025.63	30.29	0.676	95.64	204.16	500.03			
1/28/99 20:15	1025.75	30.29	0.675	95.38	203.69	499.38			
1/28/99 20:30	1025.75	30.29	0.674	95.38	203.69	498.90	499.80		
1/28/99 20:45	1025.63	30.29	0.678	95.38	203.69	500.56			
1/28/99 21:00	1025.63	30.29	0.678	95.12	203.22	500.16			
1/28/99 21:15	1025.75	30.29	0.673	95.38	203.69	498.68			
1/28/99 21:30	1026.00	30.30	0.677	95.38	203.69	500.02	499.85		
1/28/99 21:45	1026.13	30.30	0.680	95.38	203.69	501.13			
1/28/99 22:00	1026.25	30.31	0.675	95.38	203.69	499.28			
1/28/99 22:15	1026.38	30.31	0.677	95.64	204.16	500.11			
1/28/99 22:30	1026.50	30.31	0.679	95.38	203.69	500.82	500.45		
1/28/99 22:45	1026.50	30.31	0.681	95.38	203.69	501.49			
1/28/99 23:00	1026.50	30.31	0.679	95.38	203.69	500.56			
1/28/99 23:15	1026.63	30.32	0.682	95.38	203.69	501.71			
1/28/99 23:30	1026.75	30.32	0.679	95.38	203.69	500.76	500.57		
1/28/99 23:45	1026.88	30.32	0.677	95.38	203.69	499.81			
1/29/99 0:00	1027.00	30.33	0.678	95.38	203.69	500.00			
1/29/99 0:15	1027.13	30.33	0.683	95.38	203.69	501.81			
1/29/99 0:30	1027.13	30.33	0.681	95.38	203.69	501.11	500.81		
1/29/99 0:45	1027.13	30.33	0.678	95.38	203.69	499.97			
1/29/99 1:00	1027.13	30.33	0.681	95.12	203.22	501.15			
1/29/99 1:15	1027.00	30.33	0.683	95.12	203.22	501.66			
1/29/99 1:30	1027.00	30.33	0.681	95.38	203.69	501.14	501.02		
1/29/99 1:45	1027.25	30.33	0.678	95.12	203.22	499.76			
1/29/99 2:00	1027.50	30.34	0.683	94.86	202.75	501.36			
1/29/99 2:15	1027.63	30.35	0.681	95.12	203.22	500.81			
1/29/99 2:30	1027.75	30.35	0.681	95.12	203.22	500.78	501.16		
1/29/99 2:45	1027.88	30.35	0.685	94.60	202.28	502.01			
1/29/99 3:00	1028.00	30.36	0.682	94.60	202.28	500.84			
1/29/99 3:15	1028.00	30.36	0.681	94.86	202.75	500.76			
1/29/99 3:30	1027.75	30.35	0.682	94.86	202.75	501.08	501.11		
1/29/99 3:45	1028.00	30.36	0.683	94.60	202.28	501.06			
1/29/99 4:00	1027.88	30.35	0.684	94.60	202.28	501.79			
1/29/99 4:15	1028.00	30.36	0.680	94.86	202.75	500.32			
1/29/99 4:30	1028.25	30.36	0.684	94.60	202.28	501.44	501.04		
1/29/99 4:45	1028.50	30.37	0.683	94.34	201.81	500.76			
1/29/99 5:00	1028.75	30.38	0.683	94.60	202.28	500.88			
1/29/99 5:15	1028.88	30.38	0.684	94.86	202.75	501.47			
1/29/99 5:30	1029.00	30.39	0.668	94.60	202.28	502.87	501.37		
1/29/99 5:45	1029.13	30.39	0.682	94.60	202.28	500.57			
1/29/99 6:00	1029.38	30.40	0.683	95.12	203.22	501.08			
1/29/99 6:15	1029.50	30.40	0.692	99.56	211.21	507.52			
1/29/99 6:30	1029.63	30.40	0.694	99.04	210.27	507.80	505.63		
1/29/99 6:45	1029.88	30.41	0.687	97.47	207.45	504.18			
1/29/99 7:00	1030.00	30.42	0.692	99.82	211.68	507.58			
1/29/99 7:15	1030.25	30.42	0.695	99.30	210.74	508.30			
1/29/99 7:30	1030.38	30.43	0.696	99.04	210.27	508.53	507.54		
1/29/99 7:45	1030.63	30.43	0.691	98.78	209.80	506.46			
1/29/99 8:00	1030.88	30.44	0.692	99.04	210.27	506.83			
1/29/99 8:15	1030.88	30.44	0.693	97.47	207.45	506.20			
1/29/99 8:30	1031.13	30.45	0.669	96.89	206.04	504.00	506.13		
1/29/99 8:45	1031.00	30.45	0.690	99.04	210.27	506.10			
1/29/99 9:00	1031.25	30.45	0.695	98.52	209.33	507.52			
1/29/99 9:15	1031.36	30.46	0.695	98.26	208.86	507.31			
1/29/99 9:30	1031.38	30.46	0.691	98.78	209.80	506.27	507.09		
1/29/99 9:45	1031.25	30.45	0.693	98.52	209.33	506.62			
1/29/99 10:00	1031.25	30.45	0.696	98.26	208.86	507.56			
1/29/99 10:15	1031.38	30.46	0.694	98.00	208.39	506.91			
1/29/99 10:30	1031.50	30.48	0.669	97.21	206.98	504.52	505.73		
1/29/99 10:45	1031.50	30.46	0.690	96.43	205.57	504.20			
1/29/99 11:00	1031.38	30.46	0.694	95.90	204.63	505.48			
1/29/99 11:15	1031.38	30.46	0.691	95.90	204.63	504.10			
1/29/99 11:30	1031.25	30.45	0.688	96.17	205.10	503.17	504.19		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/29/99 11:45	1031.00	30.45	0.690	95.90	204.63	503.97			
1/29/99 12:00	1030.88	30.44	0.691	95.90	204.63	504.22			
1/29/99 12:15	1030.63	30.43	0.689	96.17	205.10	503.76			
1/29/99 12:30	1030.50	30.43	0.687	96.69	206.04	503.49	504.40		
1/29/99 12:45	1030.38	30.43	0.693	96.17	205.10	505.21			
1/29/99 13:00	1030.13	30.42	0.693	95.90	204.63	505.31			
1/29/99 13:15	1030.00	30.42	0.689	96.43	205.57	504.09			
1/29/99 13:30	1030.00	30.42	0.688	96.69	206.04	504.05	504.91		
1/29/99 13:45	1029.88	30.41	0.694	96.43	205.57	506.21			
1/29/99 14:00	1029.63	30.40	0.691	96.43	205.57	504.88			
1/29/99 14:15	1029.38	30.40	0.689	96.69	206.04	504.42			
1/29/99 14:30	1029.25	30.39	0.688	96.95	206.51	504.41	505.13		
1/29/99 14:45	1029.25	30.39	0.693	96.69	206.04	505.85			
1/29/99 15:00	1029.25	30.39	0.693	96.69	206.04	506.06			
1/29/99 15:15	1029.38	30.40	0.690	96.95	206.51	505.08			
1/29/99 15:30	1029.63	30.40	0.691	96.95	206.51	505.46	505.54		
1/29/99 15:45	1029.75	30.41	0.693	96.95	206.51	505.90			
1/29/99 16:00	1029.88	30.41	0.691	96.69	206.04	505.22			
1/29/99 16:15	1030.00	30.42	0.691	96.95	206.51	505.38			
1/29/99 16:30	1030.25	30.42	0.690	96.95	206.51	504.86	505.23		
1/29/99 16:45	1030.25	30.42	0.693	96.43	205.57	505.42			
1/29/99 17:00	1030.25	30.42	0.693	95.90	204.63	505.28			
1/29/99 17:15	1030.25	30.42	0.689	95.90	204.63	503.88			
1/29/99 17:30	1030.50	30.43	0.689	95.64	204.16	503.69	505.33		
1/29/99 17:45	1030.63	30.43	0.694	97.47	207.45	506.46			
1/29/99 18:00	1030.75	30.44	0.696	98.00	208.39	507.50			
1/29/99 18:15	1030.75	30.44	0.694	97.47	207.45	506.45			
1/29/99 18:30	1030.75	30.44	0.696	97.73	207.92	507.32	507.11		
1/29/99 18:45	1030.63	30.43	0.698	96.95	206.51	507.51			
1/29/99 19:00	1030.63	30.43	0.695	97.21	206.98	506.78			
1/29/99 19:15	1030.50	30.43	0.691	95.12	203.22	503.77			
1/29/99 19:30	1030.63	30.43	0.688	94.86	202.75	502.65	505.92		
1/29/99 19:45	1030.88	30.44	0.698	98.52	209.33	508.74			
1/29/99 20:00	1031.00	30.45	0.696	98.00	208.39	507.66			
1/29/99 20:15	1031.25	30.45	0.696	97.73	207.92	507.20			
1/29/99 20:30	1031.38	30.46	0.696	97.73	207.92	507.39	506.94		
1/29/99 20:45	1031.38	30.46	0.697	96.17	205.10	506.57			
1/29/99 21:00	1031.50	30.46	0.696	95.90	204.63	505.89			
1/29/99 21:15	1031.50	30.46	0.694	97.47	207.45	506.27			
1/29/99 21:30	1031.63	30.46	0.699	97.73	207.92	508.24	507.19		
1/29/99 21:45	1031.63	30.46	0.699	97.21	206.98	508.13			
1/29/99 22:00	1031.75	30.47	0.698	97.21	206.98	507.41			
1/29/99 22:15	1031.88	30.47	0.698	96.69	206.04	507.02			
1/29/99 22:30	1032.13	30.48	0.695	97.73	207.92	506.77	507.13		
1/29/99 22:45	1032.25	30.48	0.699	96.43	205.57	507.44			
1/29/99 23:00	1032.00	30.47	0.698	96.43	205.57	507.03			
1/29/99 23:15	1031.88	30.47	0.691	94.60	202.28	503.30			
1/29/99 23:30	1031.88	30.47	0.699	97.73	207.92	508.17	506.73		
1/29/99 23:45	1031.88	30.47	0.700	96.69	206.04	507.93			
1/30/99 0:00	1031.88	30.47	0.698	96.95	206.51	507.20			
1/30/99 0:15	1031.88	30.47	0.698	97.21	206.98	507.60			
1/30/99 0:30	1031.63	30.46	0.696	97.47	207.45	507.15	506.04		
1/30/99 0:45	1031.38	30.46	0.696	94.86	202.75	505.42			
1/30/99 1:00	1031.25	30.45	0.693	93.03	199.45	502.85			
1/30/99 1:15	1031.25	30.45	0.696	97.47	207.45	507.24			
1/30/99 1:30	1031.63	30.46	0.694	97.21	206.98	506.31	506.44		
1/30/99 1:45	1031.38	30.46	0.701	97.21	206.98	508.63			
1/30/99 2:00	1031.38	30.46	0.700	95.38	203.69	507.16			
1/30/99 2:15	1031.63	30.46	0.694	96.43	205.57	505.52			
1/30/99 2:30	1031.63	30.46	0.694	96.17	205.10	505.60	506.36		
1/30/99 2:45	1031.75	30.47	0.703	96.43	205.57	508.69			
1/30/99 3:00	1031.75	30.47	0.697	93.81	200.87	504.86			
1/30/99 3:15	1032.00	30.47	0.696	96.17	205.10	506.16			
1/30/99 3:30	1032.00	30.47	0.694	96.95	206.51	506.04	506.70		
1/30/99 3:45	1031.88	30.47	0.701	96.43	205.57	507.97			
1/30/99 4:00	1031.75	30.47	0.702	96.43	205.57	508.47			
1/30/99 4:15	1031.88	30.47	0.696	96.17	205.10	506.19			
1/30/99 4:30	1031.75	30.47	0.694	94.86	202.75	504.87	505.56		
1/30/99 4:45	1031.88	30.47	0.692	92.51	198.51	502.12			
1/30/99 5:00	1032.00	30.47	0.699	95.12	203.22	506.35			
1/30/99 5:15	1031.88	30.47	0.698	95.64	204.16	505.62			
1/30/99 5:30	1032.13	30.48	0.696	94.86	202.75	505.02	506.25		
1/30/99 5:45	1032.13	30.48	0.698	96.69	206.04	506.96			
1/30/99 6:00	1032.13	30.48	0.699	96.17	205.10	507.29			
1/30/99 6:15	1032.50	30.49	0.698	95.64	204.16	506.15			
1/30/99 6:30	1032.63	30.49	0.697	96.43	205.57	506.44	506.39		
1/30/99 6:45	1032.63	30.49	0.697	95.90	204.63	506.08			
1/30/99 7:00	1032.75	30.50	0.699	94.86	202.75	505.99			
1/30/99 7:15	1033.00	30.50	0.699	94.60	202.28	505.75			
1/30/99 7:30	1033.00	30.50	0.694	94.08	201.34	503.63	505.73		
1/30/99 7:45	1033.38	30.52	0.697	95.64	204.16	505.72			
1/30/99 8:00	1033.63	30.52	0.701	96.17	205.10	507.38			
1/30/99 8:15	1033.75	30.53	0.703	95.38	203.69	507.48			
1/30/99 8:30	1033.88	30.53	0.699	95.12	203.22	506.15	506.55		
1/30/99 8:45	1034.00	30.53	0.698	96.17	205.10	506.36			
1/30/99 9:00	1034.00	30.53	0.700	93.81	200.87	505.43			
1/30/99 9:15	1034.00	30.53	0.702	92.77	198.96	505.40			
1/30/99 9:30	1034.25	30.54	0.697	93.03	199.45	503.71	504.50		
1/30/99 9:45	1034.38	30.55	0.694	93.55	200.40	503.14			
1/30/99 10:00	1034.50	30.55	0.696	94.08	201.34	504.80			
1/30/99 10:15	1034.75	30.56	0.701	94.08	201.34	505.86			
1/30/99 10:30	1034.75	30.56	0.696	94.60	202.28	505.10	505.19		
1/30/99 10:45	1034.88	30.56	0.696	95.12	203.22	504.74			
1/30/99 11:00	1034.63	30.55	0.696	95.38	203.69	505.45			
1/30/99 11:15	1034.63	30.55	0.703	95.38	203.69	507.26			
1/30/99 11:30	1034.50	30.55	0.703	95.64	204.16	507.47	506.79		
1/30/99 11:45	1034.38	30.55	0.702	95.90	204.63	507.47			
1/30/99 12:00	1034.00	30.53	0.697	96.69	206.04	506.28			
1/30/99 12:15	1033.75	30.53	0.701	96.69	206.04	507.90			
1/30/99 12:30	1033.50	30.52	0.703	96.43	205.57	508.26	507.70		
1/30/99 12:45	1033.25	30.51	0.701	97.21	206.98	506.39			
1/30/99 13:00	1033.13	30.51	0.699	97.47	207.45	507.89			
1/30/99 13:15	1033.00	30.50	0.705	97.47	207.45	510.00			
1/30/99 13:30	1032.88	30.50	0.705	97.21	206.98	509.85	509.18		
1/30/99 13:45	1032.75	30.50	0.703	97.47	207.45	509.38			
1/30/99 14:00	1032.50	30.49	0.701	98.00	208.39	508.89			
1/30/99 14:15	1032.25	30.48	0.701	98.52	209.33	509.53			
1/30/99 14:30	1032.00	30.47	0.706	98.00	208.39	511.04	509.84		
1/30/99 14:45	1031.88	30.47	0.706	97.73	207.92	510.89			
1/30/99 15:00	1031.88	30.47	0.701	97.73	207.92	508.86			
1/30/99 15:15	1032.13	30.48	0.701	98.00	208.39	509.20			
1/30/99 15:30	1032.13	30.48	0.701	97.73	207.92	508.80	509.25		
1/30/99 15:45	1032.25	30.48	0.705	97.47	207.45	510.19			
1/30/99 16:00	1032.50	30.49	0.702	97.73	207.92	509.18			
1/30/99 16:15	1032.75	30.50	0.702	97.73	207.92	509.12			
1/30/99 16:30	1032.75	30.50	0.702	97.47	207.45	508.94	509.53		
1/30/99 16:45	1032.88	30.50	0.707	97.21	206.98	510.54			
1/30/99 17:00	1032.88	30.50	0.705	97.21	206.98	509.85			
1/30/99 17:15	1032.75	30.50	0.700	97.21	206.98	508.07			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/30/99 17:30	1032.88	30.50	0.702	97.21	206.98	508.73	508.87		
1/30/99 17:45	1033.13	30.51	0.703	96.43	205.57	508.57			
1/30/99 18:00	1033.13	30.51	0.706	95.90	204.63	509.11			
1/30/99 16:15	1033.00	30.50	0.703	95.64	204.16	508.06			
1/30/99 18:30	1032.75	30.50	0.699	95.90	204.63	506.71	507.69		
1/30/99 18:45	1032.38	30.49	0.699	95.90	204.63	508.80			
1/30/99 19:00	1032.38	30.49	0.702	95.64	204.16	507.78			
1/30/99 19:15	1032.25	30.48	0.704	95.38	203.69	508.28			
1/30/99 19:30	1032.25	30.48	0.699	95.64	204.16	506.90	507.05		
1/30/99 19:45	1032.25	30.48	0.698	95.90	204.63	505.70			
1/30/99 20:00	1032.50	30.49	0.699	95.64	204.16	506.59			
1/30/99 20:15	1032.50	30.49	0.701	95.38	203.69	507.31			
1/30/99 20:30	1032.63	30.49	0.703	95.38	203.69	507.75	508.59		
1/30/99 20:45	1032.50	30.49	0.697	95.38	203.69	505.76			
1/30/99 21:00	1032.38	30.49	0.696	95.38	203.69	505.53			
1/30/99 21:15	1032.50	30.49	0.699	94.60	202.28	505.87			
1/30/99 21:30	1032.38	30.49	0.699	94.34	201.81	505.97	505.31		
1/30/99 21:45	1032.25	30.48	0.696	94.60	202.28	505.02			
1/30/99 22:00	1032.13	30.48	0.694	94.60	202.28	504.15			
1/30/99 22:15	1032.25	30.48	0.696	94.60	202.28	505.02			
1/30/99 22:30	1032.38	30.49	0.699	94.08	201.34	505.54	505.28		
1/30/99 22:45	1032.38	30.49	0.701	94.08	201.34	506.44			
1/30/99 23:00	1032.50	30.49	0.698	94.34	201.81	505.26			
1/30/99 23:15	1032.25	30.48	0.696	94.34	201.81	504.65			
1/30/99 23:30	1032.13	30.48	0.698	94.08	201.34	505.17	505.45		
1/30/99 23:45	1032.13	30.48	0.700	93.81	200.87	505.89			
1/31/99 0:00	1032.25	30.48	0.701	93.81	200.87	506.08			
1/31/99 0:15	1032.13	30.48	0.697	94.08	201.34	504.95			
1/31/99 0:30	1031.88	30.47	0.696	94.08	201.34	504.54	505.42		
1/31/99 0:45	1031.50	30.46	0.699	94.08	201.34	505.75			
1/31/99 1:00	1031.63	30.46	0.699	93.81	200.87	505.80			
1/31/99 1:15	1031.88	30.47	0.698	93.81	200.87	505.27			
1/31/99 1:30	1031.75	30.47	0.696	94.08	201.34	504.57	504.96		
1/31/99 1:45	1031.75	30.47	0.693	94.08	201.34	503.45			
1/31/99 2:00	1031.63	30.46	0.700	93.55	200.40	505.83			
1/31/99 2:15	1031.50	30.46	0.701	93.29	199.93	506.12			
1/31/99 2:30	1031.50	30.46	0.696	93.29	199.93	504.09	504.61		
1/31/99 2:45	1031.75	30.47	0.694	93.29	199.93	503.34			
1/31/99 3:00	1031.50	30.46	0.694	93.29	199.93	503.66			
1/31/99 3:15	1031.13	30.45	0.699	92.77	198.98	504.95			
1/31/99 3:30	1031.00	30.45	0.701	94.34	201.81	506.75	505.26		
1/31/99 3:45	1031.00	30.45	0.696	94.60	202.28	505.11			
1/31/99 4:00	1031.13	30.45	0.696	95.38	203.69	505.84			
1/31/99 4:15	1030.88	30.44	0.696	94.08	201.34	505.69			
1/31/99 4:30	1030.75	30.44	0.699	93.03	199.45	505.22	506.12		
1/31/99 4:45	1030.63	30.43	0.701	94.86	202.75	507.41			
1/31/99 5:00	1030.63	30.43	0.698	95.38	203.69	506.43			
1/31/99 5:15	1030.38	30.43	0.692	94.08	201.34	503.56			
1/31/99 5:30	1030.38	30.43	0.699	93.81	200.87	506.10	505.86		
1/31/99 5:45	1030.50	30.43	0.703	95.38	203.69	508.28			
1/31/99 6:00	1030.38	30.43	0.696	94.08	201.34	504.91			
1/31/99 6:15	1030.00	30.42	0.694	93.29	199.93	503.77			
1/31/99 6:30	1030.00	30.42	0.696	93.03	199.45	504.28	505.51		
1/31/99 6:45	1029.88	30.41	0.703	95.12	203.22	508.47			
1/31/99 7:00	1029.75	30.41	0.700	93.29	199.93	506.11			
1/31/99 7:15	1029.88	30.41	0.696	92.77	198.98	504.35			
1/31/99 7:30	1030.13	30.42	0.693	92.77	198.98	503.16	504.32		
1/31/99 7:45	1030.13	30.42	0.693	92.77	198.98	503.16			
1/31/99 8:00	1030.13	30.42	0.698	92.51	198.51	504.79			
1/31/99 8:15	1030.38	30.43	0.699	91.99	197.57	504.59			
1/31/99 8:30	1030.75	30.44	0.697	94.34	201.81	505.47	505.48		
1/31/99 8:45	1030.63	30.43	0.697	95.64	204.16	506.39			
1/31/99 9:00	1030.88	30.44	0.699	94.08	201.34	506.16			
1/31/99 9:15	1031.00	30.45	0.699	93.29	199.93	505.34			
1/31/99 9:30	1030.88	30.44	0.700	93.03	199.45	505.66	505.02		
1/31/99 9:45	1030.63	30.43	0.694	93.29	199.93	503.87			
1/31/99 10:00	1030.50	30.43	0.694	93.55	200.40	504.08			
1/31/99 10:15	1030.63	30.43	0.701	93.29	199.93	506.12			
1/31/99 10:30	1030.50	30.43	0.702	93.55	200.40	506.80	505.75		
1/31/99 10:45	1030.38	30.43	0.699	94.08	201.34	506.03			
1/31/99 11:00	1030.50	30.43	0.698	94.34	201.81	505.75			
1/31/99 11:15	1030.63	30.43	0.697	94.60	202.28	505.68			
1/31/99 11:30	1030.00	30.42	0.700	94.60	202.28	506.95	506.44		
1/31/99 11:45	1030.13	30.42	0.701	94.60	202.28	507.36			
1/31/99 12:00	1030.00	30.42	0.698	94.86	202.75	506.45			
1/31/99 12:15	1029.88	30.41	0.696	95.12	203.22	505.97			
1/31/99 12:30	1029.50	30.40	0.698	95.38	203.69	506.71	507.12		
1/31/99 12:45	1029.50	30.40	0.702	95.38	203.69	508.31			
1/31/99 13:00	1029.25	30.39	0.702	95.12	203.22	508.19			
1/31/99 13:15	1028.88	30.38	0.699	95.38	203.69	507.30			
1/31/99 13:30	1029.00	30.39	0.699	95.64	204.16	507.45	507.85		
1/31/99 13:45	1028.75	30.38	0.697	95.90	204.63	507.04			
1/31/99 14:00	1028.50	30.37	0.701	95.64	204.16	508.26			
1/31/99 14:15	1028.25	30.36	0.702	95.38	203.69	508.61			
1/31/99 14:30	1028.13	30.36	0.701	95.38	203.69	508.17	507.95		
1/31/99 14:45	1028.00	30.36	0.698	95.90	204.63	507.44			
1/31/99 15:00	1027.75	30.35	0.697	95.90	204.63	507.28			
1/31/99 15:15	1027.75	30.35	0.701	95.90	204.63	508.84			
1/31/99 15:30	1027.75	30.35	0.703	95.90	204.63	509.32	508.36		
1/31/99 15:45	1027.75	30.35	0.699	95.90	204.63	508.19			
1/31/99 16:00	1027.88	30.35	0.699	96.43	205.57	508.26			
1/31/99 16:15	1027.88	30.35	0.697	96.43	205.57	507.61			
1/31/99 16:30	1027.88	30.35	0.698	96.43	205.57	507.83	508.52		
1/31/99 16:45	1027.88	30.35	0.704	96.17	205.10	509.90			
1/31/99 17:00	1027.88	30.35	0.701	96.17	205.10	508.99			
1/31/99 17:15	1027.63	30.35	0.696	96.17	205.10	507.24			
1/31/99 17:30	1027.75	30.35	0.698	96.17	205.10	507.68	508.26		
1/31/99 17:45	1027.75	30.35	0.698	96.17	205.10	507.90			
1/31/99 18:00	1027.88	30.35	0.703	95.90	204.63	509.50			
1/31/99 18:15	1028.00	30.36	0.704	95.64	204.16	509.51			
1/31/99 18:30	1028.00	30.36	0.696	96.17	205.10	507.14	508.50		
1/31/99 18:45	1028.00	30.36	0.698	96.17	205.10	507.84			
1/31/99 19:00	1028.00	30.36	0.700	96.17	205.10	508.53			
1/31/99 19:15	1028.00	30.38	0.704	95.90	204.63	509.94			
1/31/99 19:30	1028.00	30.36	0.704	95.64	204.16	509.51	508.69		
1/31/99 19:45	1028.00	30.38	0.699	95.90	204.63	507.87			
1/31/99 20:00	1028.00	30.38	0.698	96.17	205.10	507.62			
1/31/99 20:15	1028.13	30.38	0.697	95.90	204.63	507.19			
1/31/99 20:30	1028.25	30.38	0.702	95.38	203.69	508.61	507.60		
1/31/99 20:45	1028.25	30.38	0.701	95.12	203.22	508.18			
1/31/99 21:00	1028.00	30.38	0.696	95.38	203.69	508.39			
1/31/99 21:15	1028.00	30.38	0.694	95.38	203.69	505.95			
1/31/99 21:30	1028.13	30.38	0.699	95.12	203.22	507.30	508.70		
1/31/99 21:45	1028.00	30.36	0.698	94.34	201.81	506.58			
1/31/99 22:00	1028.00	30.36	0.701	94.08	201.34	507.30			
1/31/99 22:15	1027.88	30.35	0.696	94.34	201.81	505.70			
1/31/99 22:30	1027.88	30.35	0.694	94.60	202.28	505.44	506.36		
1/31/99 22:45	1027.63	30.35	0.696	94.60	202.28	505.94			
1/31/99 23:00	1027.50	30.34	0.701	94.08	201.34	507.43			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/31/99 23:15	1027.25	30.33	0.699	94.08	201.34	507.05			
1/31/99 23:30	1027.00	30.33	0.696	94.08	201.34	505.95	506.28		
1/31/99 23:45	1027.00	30.33	0.695	94.34	201.81	505.70			
2/1/99 0:00	1026.88	30.32	0.694	94.34	201.81	505.26			
2/1/99 0:15	1026.75	30.32	0.697	94.08	201.34	506.27			
2/1/99 0:30	1026.63	30.32	0.699	93.81	200.87	507.03	505.77		
2/1/99 0:45	1026.38	30.31	0.696	93.81	200.87	505.71			
2/1/99 1:00	1026.13	30.30	0.692	94.08	201.34	504.60			
2/1/99 1:15	1026.00	30.30	0.694	94.08	201.34	505.55			
2/1/99 1:30	1025.88	30.29	0.695	94.08	201.34	505.80	505.82		
2/1/99 1:45	1025.63	30.29	0.696	93.81	200.87	505.90			
2/1/99 2:00	1025.38	30.28	0.699	94.08	201.34	507.26			
2/1/99 2:15	1025.25	30.28	0.693	94.08	201.34	505.26			
2/1/99 2:30	1025.13	30.27	0.692	94.60	202.28	505.21	506.15		
2/1/99 2:45	1025.00	30.27	0.693	94.60	202.28	505.68			
2/1/99 3:00	1024.88	30.26	0.698	94.34	201.81	507.35			
2/1/99 3:15	1024.75	30.26	0.696	94.34	201.81	506.47			
2/1/99 3:30	1024.63	30.26	0.692	94.60	202.28	505.33	506.28		
2/1/99 3:45	1024.38	30.25	0.693	94.86	202.75	505.79			
2/1/99 4:00	1024.25	30.25	0.694	95.12	203.22	506.44			
2/1/99 4:15	1024.13	30.24	0.696	94.60	202.28	507.02			
2/1/99 4:30	1023.88	30.23	0.695	94.60	202.28	506.65	506.14		
2/1/99 4:45	1023.88	30.23	0.691	95.12	203.22	505.40			
2/1/99 5:00	1023.75	30.23	0.689	95.38	203.69	505.17			
2/1/99 5:15	1023.63	30.23	0.692	95.38	203.69	506.12			
2/1/99 5:30	1023.38	30.22	0.692	95.38	203.69	506.18	505.61		
2/1/99 5:45	1023.25	30.22	0.691	95.38	203.69	505.73			
2/1/99 6:00	1023.00	30.21	0.688	95.64	204.16	504.84			
2/1/99 6:15	1022.88	30.21	0.687	95.64	204.16	504.65			
2/1/99 6:30	1022.88	30.21	0.693	95.64	204.16	506.70	505.33		
2/1/99 6:45	1022.88	30.21	0.689	95.38	203.69	505.13			
2/1/99 7:00	1022.88	30.21	0.689	95.64	204.16	505.31			
2/1/99 7:15	1022.75	30.20	0.687	95.90	204.63	504.88			
2/1/99 7:30	1022.88	30.21	0.690	95.64	204.16	505.79	505.39		
2/1/99 7:45	1022.75	30.20	0.691	95.38	203.69	506.08			
2/1/99 8:00	1022.75	30.20	0.688	95.64	204.16	504.90			
2/1/99 8:15	1022.75	30.20	0.685	95.90	204.63	504.16			
2/1/99 8:30	1022.63	30.20	0.686	95.90	204.63	504.41	504.46		
2/1/99 8:45	1022.63	30.20	0.689	95.64	204.16	505.37			
2/1/99 9:00	1022.50	30.19	0.683	96.17	205.10	503.48			
2/1/99 9:15	1022.38	30.19	0.672	96.95	206.51	500.11			
2/1/99 9:30	1022.38	30.19	0.664	97.73	207.92	497.58	494.73		
2/1/99 9:45	1022.13	30.18	0.641	99.82	211.68	490.51			
2/1/99 10:00	1022.13	30.18	0.614	102.70	216.86	481.99			
2/1/99 10:15	1022.00	30.18	0.591	105.05	221.09	474.35			
2/1/99 10:30	1021.88	30.18	0.572	107.40	225.32	467.98	470.06		
2/1/99 10:45	1021.88	30.18	0.561	108.97	228.15	464.29			
2/1/99 11:00	1021.75	30.17	0.553	109.75	229.56	461.67			
2/1/99 11:15	1021.75	30.17	0.548	110.54	230.97	459.80			
2/1/99 11:30	1021.75	30.17	0.544	111.32	232.38	458.96	459.27		
2/1/99 11:45	1021.50	30.16	0.541	111.84	233.32	457.98			
2/1/99 12:00	1021.25	30.16	0.541	112.11	233.79	457.94			
2/1/99 12:15	1021.00	30.15	0.539	112.11	233.79	457.19			
2/1/99 12:30	1020.75	30.14	0.539	112.37	234.26	457.40	458.55		
2/1/99 12:45	1020.38	30.13	0.541	112.37	234.26	458.54			
2/1/99 13:00	1020.13	30.12	0.550	111.32	232.38	461.66			
2/1/99 13:15	1019.75	30.11	0.556	110.54	230.97	463.89			
2/1/99 13:30	1019.63	30.11	0.563	109.49	229.09	466.15	466.64		
2/1/99 13:45	1019.25	30.10	0.571	108.71	227.87	469.10			
2/1/99 14:00	1018.88	30.09	0.579	108.45	227.20	472.38			
2/1/99 14:15	1018.75	30.08	0.586	107.66	225.79	474.44			
2/1/99 14:30	1018.50	30.08	0.592	107.14	224.85	476.72	476.12		
2/1/99 14:45	1018.13	30.07	0.594	106.38	223.44	477.32			
2/1/99 15:00	1018.00	30.06	0.601	105.83	222.50	479.74			
2/1/99 15:15	1018.00	30.06	0.607	105.31	221.56	481.68			
2/1/99 15:30	1018.00	30.06	0.612	105.31	221.56	483.66	483.25		
2/1/99 15:45	1017.88	30.06	0.613	105.05	221.09	483.99			
2/1/99 16:00	1017.88	30.06	0.623	104.27	219.68	487.18			
2/1/99 16:15	1017.88	30.06	0.623	104.27	219.68	487.42			
2/1/99 16:30	1017.75	30.05	0.627	103.74	218.74	488.59	488.78		
2/1/99 16:45	1017.88	30.06	0.631	103.74	218.74	490.00			
2/1/99 17:00	1017.88	30.06	0.634	102.96	217.33	490.70			
2/1/99 17:15	1017.88	30.06	0.636	102.70	216.86	491.26			
2/1/99 17:30	1017.75	30.05	0.638	102.44	216.39	491.85	492.08		
2/1/99 17:45	1017.50	30.05	0.641	102.44	216.39	493.11			
2/1/99 18:00	1017.38	30.04	0.642	102.18	215.92	493.47			
2/1/99 18:15	1017.38	30.04	0.646	101.91	215.45	494.71			
2/1/99 18:30	1017.50	30.05	0.646	101.39	214.51	494.57	494.85		
2/1/99 18:45	1017.50	30.05	0.648	101.13	214.04	494.89			
2/1/99 19:00	1017.38	30.04	0.652	101.13	214.04	496.60			
2/1/99 19:15	1017.25	30.04	0.653	100.87	213.56	496.69			
2/1/99 19:30	1017.13	30.04	0.653	100.35	212.62	496.60	497.09		
2/1/99 19:45	1017.13	30.04	0.657	100.35	212.62	498.04			
2/1/99 20:00	1017.25	30.04	0.656	100.35	212.62	497.52			
2/1/99 20:15	1017.25	30.04	0.659	100.09	212.15	498.52			
2/1/99 20:30	1017.13	30.04	0.659	99.82	211.68	498.64	498.36		
2/1/99 20:45	1016.88	30.03	0.658	99.56	211.21	497.81			
2/1/99 21:00	1016.88	30.03	0.662	99.30	210.74	499.30			
2/1/99 21:15	1016.50	30.02	0.661	99.56	211.21	499.07			
2/1/99 21:30	1016.25	30.01	0.662	99.30	210.74	499.45	499.67		
2/1/99 21:45	1016.13	30.01	0.663	99.56	211.21	500.11			
2/1/99 22:00	1016.13	30.01	0.664	99.30	210.74	500.42			
2/1/99 22:15	1015.88	30.00	0.662	99.56	211.21	499.72			
2/1/99 22:30	1015.63	29.99	0.664	99.30	210.74	500.55	500.37		
2/1/99 22:45	1015.50	29.99	0.663	99.30	210.74	499.88			
2/1/99 23:00	1015.25	29.98	0.666	99.30	210.74	501.32			
2/1/99 23:15	1015.00	29.97	0.664	99.04	210.27	500.26			
2/1/99 23:30	1015.00	29.97	0.664	99.30	210.74	500.44	500.74		
2/1/99 23:45	1015.13	29.98	0.666	99.04	210.27	500.95			
2/2/99 0:00	1015.00	29.97	0.665	99.04	210.27	500.75			
2/2/99 0:15	1014.88	29.97	0.667	99.04	210.27	501.50			
2/2/99 0:30	1014.75	29.97	0.666	99.30	210.74	501.44	501.83		
2/2/99 0:45	1014.50	29.96	0.671	99.30	210.74	503.16			
2/2/99 1:00	1014.25	29.95	0.669	99.04	210.27	502.33			
2/2/99 1:15	1014.25	29.95	0.666	99.04	210.27	501.16			
2/2/99 1:30	1013.88	29.94	0.669	99.04	210.27	502.68	501.77		
2/2/99 1:45	1013.83	29.93	0.665	99.04	210.27	501.09			
2/2/99 2:00	1013.50	29.93	0.666	99.04	210.27	501.57			
2/2/99 2:15	1013.13	29.92	0.669	99.04	210.27	502.61			
2/2/99 2:30	1012.88	29.91	0.663	99.04	210.27	500.33	501.95		
2/2/99 2:45	1012.88	29.91	0.668	99.04	210.27	502.22			
2/2/99 3:00	1012.75	29.91	0.670	98.78	209.80	503.01			
2/2/99 3:15	1012.75	29.91	0.664	99.04	210.27	501.08			
2/2/99 3:30	1012.50	29.90	0.669	99.04	210.27	503.02	502.43		
2/2/99 3:45	1012.25	29.89	0.671	98.78	209.80	503.36			
2/2/99 4:00	1012.13	29.89	0.666	99.04	210.27	501.69			
2/2/99 4:15	1011.88	29.88	0.667	99.04	210.27	502.24			
2/2/99 4:30	1011.63	29.87	0.668	99.04	210.27	502.75	502.07		
2/2/99 4:45	1011.50	29.87	0.663	99.04	210.27	500.90			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/2/99 5:00	1011.50	29.87	0.668	99.04	210.27	502.78			
2/2/99 5:15	1011.50	29.87	0.667	99.04	210.27	502.33			
2/2/99 5:30	1011.50	29.87	0.668	99.04	210.27	501.84	502.52		
2/2/99 5:45	1011.50	29.87	0.669	99.04	210.27	503.27			
2/2/99 6:00	1011.38	29.87	0.667	99.04	210.27	502.36			
2/2/99 6:15	1011.13	29.86	0.664	99.04	210.27	501.48			
2/2/99 6:30	1011.00	29.85	0.667	98.78	209.80	502.28	501.62		
2/2/99 6:45	1010.88	29.85	0.664	98.78	209.80	501.10			
2/2/99 7:00	1010.75	29.85	0.663	99.04	210.27	500.86			
2/2/99 7:15	1010.50	29.84	0.666	98.78	209.80	502.14			
2/2/99 7:30	1010.25	29.83	0.666	98.78	209.80	502.20	501.44		
2/2/99 7:45	1009.88	29.82	0.662	99.04	210.27	500.85			
2/2/99 8:00	1009.75	29.82	0.663	98.78	209.80	501.16			
2/2/99 8:15	1009.75	29.82	0.666	98.52	209.33	501.92			
2/2/99 8:30	1009.63	29.81	0.664	99.04	210.27	501.88	501.92		
2/2/99 8:45	1009.50	29.81	0.665	99.04	210.27	502.11			
2/2/99 9:00	1009.25	29.80	0.667	98.52	209.33	502.54			
2/2/99 9:15	1009.00	29.80	0.664	99.04	210.27	501.75			
2/2/99 9:30	1008.88	29.79	0.664	99.04	210.27	501.78	502.03		
2/2/99 9:45	1008.88	29.79	0.666	98.78	209.80	502.32			
2/2/99 10:00	1008.88	29.79	0.664	99.04	210.27	501.78			
2/2/99 10:15	1009.13	29.80	0.662	99.04	210.27	501.03			
2/2/99 10:30	1009.13	29.80	0.666	99.04	210.27	502.66	501.81		
2/2/99 10:45	1008.88	29.79	0.666	99.04	210.27	502.50			
2/2/99 11:00	1009.00	29.80	0.662	99.04	210.27	501.07			
2/2/99 11:15	1009.00	29.80	0.666	99.04	210.27	503.16			
2/2/99 11:30	1008.75	29.79	0.668	99.04	210.27	503.24	502.53		
2/2/99 11:45	1008.63	29.78	0.663	99.56	211.21	501.74			
2/2/99 12:00	1008.50	29.78	0.667	99.56	211.21	503.43			
2/2/99 12:15	1008.13	29.77	0.666	99.30	210.74	503.58			
2/2/99 12:30	1007.88	29.78	0.662	99.30	210.74	501.52	502.63		
2/2/99 12:45	1007.75	29.78	0.665	99.56	211.21	502.90			
2/2/99 13:00	1007.50	29.75	0.664	99.56	211.21	502.74			
2/2/99 13:15	1007.25	29.74	0.661	99.56	211.21	501.59			
2/2/99 13:30	1007.13	29.74	0.665	99.30	210.74	502.88	502.30		
2/2/99 13:45	1007.13	29.74	0.665	99.30	210.74	502.88			
2/2/99 14:00	1007.00	29.74	0.661	99.56	211.21	501.42			
2/2/99 14:15	1006.88	29.73	0.661	99.56	211.21	501.68			
2/2/99 14:30	1006.88	29.73	0.666	99.30	210.74	503.17	502.25		
2/2/99 14:45	1007.00	29.74	0.674	98.78	209.80	505.84			
2/2/99 15:00	1007.13	29.74	0.652	101.13	214.04	499.12			
2/2/99 15:15	1007.25	29.74	0.656	100.87	213.56	500.33			
2/2/99 15:30	1007.25	29.74	0.655	100.87	213.56	500.10	500.39		
2/2/99 15:45	1007.13	29.74	0.660	100.35	212.62	501.69			
2/2/99 16:00	1007.25	29.74	0.658	100.35	212.62	500.71			
2/2/99 16:15	1007.25	29.74	0.660	100.61	213.09	501.63			
2/2/99 16:30	1007.38	29.75	0.658	100.35	212.62	500.90	501.50		
2/2/99 16:45	1007.63	29.76	0.661	100.35	212.62	501.79			
2/2/99 17:00	1007.88	29.76	0.663	100.09	212.15	502.28			
2/2/99 17:15	1008.13	29.77	0.659	100.35	212.62	501.21			
2/2/99 17:30	1008.50	29.78	0.661	100.35	212.62	501.80	501.46		
2/2/99 17:45	1009.00	29.80	0.661	99.56	211.21	500.92			
2/2/99 18:00	1009.25	29.80	0.661	99.56	211.21	501.09			
2/2/99 18:15	1009.63	29.81	0.661	99.30	210.74	500.82			
2/2/99 18:30	1010.00	29.83	0.659	99.04	210.27	499.87	500.63		
2/2/99 18:45	1010.38	29.84	0.660	99.04	210.27	500.01			
2/2/99 19:00	1010.88	29.85	0.664	98.78	209.80	501.37			
2/2/99 19:15	1011.25	29.86	0.661	98.52	209.33	499.67			
2/2/99 19:30	1011.63	29.87	0.658	98.52	209.33	498.63	500.13		
2/2/99 19:45	1012.00	29.88	0.664	97.73	207.92	500.39			
2/2/99 20:00	1012.13	29.89	0.665	97.73	207.92	500.58			
2/2/99 20:15	1012.63	29.90	0.663	97.73	207.92	499.52			
2/2/99 20:30	1012.75	29.91	0.668	97.21	206.96	500.53	500.21		
2/2/99 20:45	1012.88	29.91	0.664	97.47	207.45	499.99			
2/2/99 21:00	1013.13	29.92	0.666	97.21	206.98	500.43			
2/2/99 21:15	1013.38	29.92	0.666	96.95	206.51	499.97			
2/2/99 21:30	1013.75	29.94	0.664	97.21	206.98	499.80	499.76		
2/2/99 21:45	1013.88	29.94	0.665	96.69	206.04	499.44			
2/2/99 22:00	1013.75	29.94	0.666	96.17	205.10	499.35			
2/2/99 22:15	1014.13	29.95	0.666	96.17	205.10	499.48			
2/2/99 22:30	1014.50	29.96	0.664	95.90	204.63	498.54	499.43		
2/2/99 22:45	1014.75	29.97	0.666	95.38	203.69	499.28			
2/2/99 23:00	1014.88	29.97	0.668	97.21	206.98	500.49			
2/2/99 23:15	1015.00	29.97	0.671	97.47	207.45	502.02			
2/2/99 23:30	1015.00	29.97	0.671	95.90	204.63	500.73	499.98		
2/2/99 23:45	1015.25	29.96	0.666	95.12	203.22	498.27			
2/3/99 0:00	1015.38	29.96	0.667	94.80	202.28	498.37			
2/3/99 0:15	1015.50	29.99	0.669	96.17	205.10	500.34			
2/3/99 0:30	1015.50	29.99	0.669	97.73	207.92	501.14	500.00		
2/3/99 0:45	1015.38	29.98	0.671	95.90	204.63	500.64			
2/3/99 1:00	1015.50	29.99	0.670	94.60	202.28	499.50			
2/3/99 1:15	1015.63	29.99	0.668	94.34	201.81	498.36			
2/3/99 1:30	1015.63	29.99	0.664	94.34	201.81	497.20	499.12		
2/3/99 1:45	1015.50	29.99	0.669	94.08	201.34	498.92			
2/3/99 2:00	1015.25	29.96	0.671	96.95	206.51	501.60			
2/3/99 2:15	1015.13	29.98	0.664	95.12	203.22	497.85			
2/3/99 2:30	1015.25	29.96	0.669	94.08	201.34	498.96	498.90		
2/3/99 2:45	1015.25	29.98	0.666	94.08	201.34	498.27			
2/3/99 3:00	1015.25	29.98	0.666	94.08	201.34	497.79			
2/3/99 3:15	1015.13	29.98	0.669	93.55	200.40	498.40			
2/3/99 3:30	1015.25	29.98	0.672	93.03	199.45	499.20	498.07		
2/3/99 3:45	1015.25	29.98	0.666	93.03	199.45	497.06			
2/3/99 4:00	1015.50	29.99	0.668	93.29	199.93	497.90			
2/3/99 4:15	1015.50	29.99	0.673	92.51	198.51	499.23			
2/3/99 4:30	1015.50	29.99	0.674	96.69	206.04	502.30	500.23		
2/3/99 4:45	1015.25	29.98	0.672	96.69	206.04	501.69			
2/3/99 5:00	1015.50	29.99	0.672	94.34	201.81	500.03			
2/3/99 5:15	1015.50	29.99	0.670	93.03	199.45	498.43			
2/3/99 5:30	1015.50	29.99	0.666	92.77	198.98	496.62	499.74		
2/3/99 5:45	1015.75	30.00	0.669	94.80	202.28	499.21			
2/3/99 6:00	1015.88	30.00	0.679	97.21	206.98	504.42			
2/3/99 6:15	1015.50	29.99	0.674	96.43	205.57	502.36			
2/3/99 6:30	1015.50	29.99	0.671	96.43	205.57	501.19	502.56		
2/3/99 6:45	1015.50	29.99	0.673	96.69	206.04	502.07			
2/3/99 7:00	1015.50	29.99	0.676	96.43	205.57	502.83			
2/3/99 7:15	1015.63	29.99	0.673	96.69	206.04	502.04			
2/3/99 7:30	1015.75	30.00	0.673	96.95	206.51	502.19	502.46		
2/3/99 7:45	1015.75	30.00	0.676	95.64	204.16	502.23			
2/3/99 8:00	1015.75	30.00	0.676	96.43	205.57	502.99			
2/3/99 8:15	1015.75	30.00	0.673	96.69	206.04	501.79			
2/3/99 8:30	1016.00	30.00	0.673	96.69	206.04	501.73	502.28		
2/3/99 8:45	1016.00	30.00	0.677	96.43	205.57	503.19			
2/3/99 9:00	1016.00	30.00	0.674	95.64	204.16	501.73			
2/3/99 9:15	1016.13	30.01	0.674	95.90	204.63	501.61			
2/3/99 9:30	1016.25	30.01	0.674	96.17	205.10	501.76	502.04		
2/3/99 9:45	1016.38	30.01	0.674	95.38	203.69	501.46			
2/3/99 10:00	1016.50	30.02	0.679	95.90	204.63	503.64			
2/3/99 10:15	1016.38	30.01	0.673	96.43	205.57	501.46			
2/3/99 10:30	1016.13	30.01	0.673	96.17	205.10	501.57	507.06		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/3/99 10:45	1016.25	30.01	0.761	91.46	196.63	529.73			
2/3/99 11:00	1016.38	30.01	0.667	95.90	204.63	499.01			
2/3/99 11:15	1016.25	30.01	0.662	97.47	207.45	498.22			
2/3/99 11:30	1015.75	30.00	0.666	97.73	207.92	499.91	499.78		
2/3/99 11:45	1015.38	29.98	0.671	97.47	207.45	501.70			
2/3/99 12:00	1015.13	29.98	0.666	97.73	207.92	500.07			
2/3/99 12:15	1014.75	29.97	0.666	98.26	208.86	500.51			
2/3/99 12:30	1014.38	29.95	0.669	98.26	208.86	502.03	501.62		
2/3/99 12:45	1014.00	29.94	0.673	98.26	208.88	503.28			
2/3/99 13:00	1013.75	29.94	0.671	98.78	209.80	503.21			
2/3/99 13:15	1013.38	29.92	0.669	99.04	210.27	502.54			
2/3/99 13:30	1013.00	29.91	0.674	98.78	209.80	504.34	503.37		
2/3/99 13:45	1012.75	29.91	0.671	98.78	209.80	503.46			
2/3/99 14:00	1012.38	29.90	0.670	99.04	210.27	503.28			
2/3/99 14:15	1012.13	29.89	0.670	99.30	210.74	503.52			
2/3/99 14:30	1012.00	29.88	0.674	99.04	210.27	504.76	503.87		
2/3/99 14:45	1011.75	29.88	0.671	99.04	210.27	503.66			
2/3/99 15:00	1011.75	29.88	0.669	99.30	210.74	503.12			
2/3/99 15:15	1012.00	29.88	0.672	99.30	210.74	504.26			
2/3/99 15:30	1011.75	29.88	0.674	99.04	210.27	504.82	504.06		
2/3/99 15:45	1011.75	29.88	0.672	99.04	210.27	504.15			
2/3/99 16:00	1011.50	29.87	0.671	99.04	210.27	503.95			
2/3/99 16:15	1011.25	29.88	0.671	99.04	210.27	504.01			
2/3/99 16:30	1011.25	29.88	0.674	98.78	209.80	505.03	504.21		
2/3/99 16:45	1010.88	29.85	0.673	98.78	209.80	504.64			
2/3/99 17:00	1011.00	29.85	0.669	99.04	210.27	503.40			
2/3/99 17:15	1010.88	29.85	0.671	99.04	210.27	503.88			
2/3/99 17:30	1010.75	29.85	0.675	98.78	209.80	505.38	504.16		
2/3/99 17:45	1010.75	29.85	0.673	98.52	209.33	504.50			
2/3/99 18:00	1010.50	29.84	0.671	98.52	209.33	503.62			
2/3/99 18:15	1010.38	29.84	0.670	98.52	209.33	503.43			
2/3/99 18:30	1010.13	29.83	0.673	98.00	208.39	504.30	503.59		
2/3/99 18:45	1009.75	29.82	0.673	97.73	207.92	503.99			
2/3/99 19:00	1009.50	29.81	0.669	97.73	207.92	502.62			
2/3/99 19:15	1009.38	29.81	0.667	97.73	207.92	501.96			
2/3/99 19:30	1009.63	29.81	0.669	97.73	207.92	502.59	502.72		
2/3/99 19:45	1009.50	29.81	0.672	97.47	207.45	503.65			
2/3/99 20:00	1009.38	29.81	0.669	97.47	207.45	502.74			
2/3/99 20:15	1009.50	29.81	0.669	98.00	208.39	503.06			
2/3/99 20:30	1009.25	29.80	0.669	97.73	207.92	502.89	503.00		
2/3/99 20:45	1008.75	29.79	0.671	97.21	206.98	503.17			
2/3/99 21:00	1009.00	29.80	0.671	97.21	206.98	503.33			
2/3/99 21:15	1009.75	29.82	0.668	97.73	207.92	502.34			
2/3/99 21:30	1009.50	29.81	0.666	97.73	207.92	501.48	502.50		
2/3/99 21:45	1009.25	29.80	0.669	97.47	207.45	502.77			
2/3/99 22:00	1009.13	29.80	0.669	97.21	206.98	502.63			
2/3/99 22:15	1008.88	29.79	0.666	97.47	207.45	501.66			
2/3/99 22:30	1008.75	29.79	0.666	97.73	207.92	501.64	502.37		
2/3/99 22:45	1008.50	29.78	0.669	97.47	207.45	502.98			
2/3/99 23:00	1008.50	29.78	0.669	97.47	207.45	502.98			
2/3/99 23:15	1008.25	29.77	0.669	97.73	207.92	503.20			
2/3/99 23:30	1008.13	29.77	0.665	98.26	208.88	501.93	503.08		
2/3/99 23:45	1007.88	29.76	0.668	98.26	208.88	502.93			
2/4/99 0:00	1007.88	29.76	0.672	98.00	208.39	504.41			
2/4/99 0:15	1007.75	29.76	0.670	98.00	208.39	503.73			
2/4/99 0:30	1007.75	29.76	0.668	98.52	209.33	503.37	503.63		
2/4/99 0:45	1008.00	29.77	0.666	98.52	209.33	502.38			
2/4/99 1:00	1007.75	29.76	0.671	98.52	209.33	504.31			
2/4/99 1:15	1007.75	29.76	0.671	98.52	209.33	504.53			
2/4/99 1:30	1008.25	29.77	0.669	98.78	209.80	503.64	504.28		
2/4/99 1:45	1008.50	29.78	0.669	99.04	210.27	504.02			
2/4/99 2:00	1007.75	29.76	0.672	98.52	209.33	504.79			
2/4/99 2:15	1007.88	29.76	0.674	97.73	207.92	504.91			
2/4/99 2:30	1008.00	29.77	0.671	98.00	208.39	504.11	503.90		
2/4/99 2:45	1007.88	29.76	0.667	98.26	208.88	502.71			
2/4/99 3:00	1007.88	29.76	0.668	98.00	208.39	502.98			
2/4/99 3:15	1007.75	29.76	0.671	97.21	206.98	503.64			
2/4/99 3:30	1007.75	29.76	0.669	96.95	206.51	502.53	502.39		
2/4/99 3:45	1008.00	29.77	0.668	97.21	206.98	502.42			
2/4/99 4:00	1008.00	29.77	0.663	96.95	206.51	500.36			
2/4/99 4:15	1008.13	29.77	0.669	96.95	206.51	502.70			
2/4/99 4:30	1008.25	29.77	0.671	96.69	206.04	502.94	501.64		
2/4/99 4:45	1008.38	29.78	0.666	96.95	206.51	501.21			
2/4/99 5:00	1008.38	29.78	0.665	96.95	206.51	500.98			
2/4/99 5:15	1008.50	29.78	0.670	96.69	206.04	502.65			
2/4/99 5:30	1008.75	29.79	0.671	96.17	205.10	502.48	501.23		
2/4/99 5:45	1009.13	29.80	0.666	95.90	204.63	500.54			
2/4/99 6:00	1009.25	29.80	0.663	96.17	205.10	499.52			
2/4/99 6:15	1009.63	29.81	0.666	95.90	204.63	500.41			
2/4/99 6:30	1009.88	29.82	0.669	95.64	204.16	501.38	500.85		
2/4/99 6:45	1010.25	29.83	0.669	95.64	204.16	501.02			
2/4/99 7:00	1010.50	29.84	0.668	95.90	204.63	500.91			
2/4/99 7:15	1011.00	29.85	0.669	96.43	205.57	501.63			
2/4/99 7:30	1011.25	29.86	0.673	96.43	205.57	502.95	502.34		
2/4/99 7:45	1011.50	29.87	0.674	96.69	206.04	503.29			
2/4/99 8:00	1011.75	29.88	0.672	97.21	206.98	502.91			
2/4/99 8:15	1012.00	29.88	0.669	97.47	207.45	501.83			
2/4/99 8:30	1012.13	29.89	0.673	97.47	207.45	503.22	503.18		
2/4/99 8:45	1012.38	29.90	0.674	97.21	206.98	503.69			
2/4/99 9:00	1012.75	29.91	0.676	97.21	206.98	504.27			
2/4/99 9:15	1013.00	29.91	0.672	97.47	207.45	502.76			
2/4/99 9:30	1013.25	29.92	0.674	97.73	207.92	503.83	503.84		
2/4/99 9:45	1013.50	29.93	0.673	97.47	207.45	503.10			
2/4/99 10:00	1013.75	29.94	0.679	97.21	206.98	505.21			
2/4/99 10:15	1014.25	29.95	0.674	97.47	207.45	503.40			
2/4/99 10:30	1014.75	29.97	0.675	97.47	207.45	503.50	504.17		
2/4/99 10:45	1015.25	29.98	0.673	97.73	207.92	502.84			
2/4/99 11:00	1015.63	29.99	0.683	97.21	206.98	505.89			
2/4/99 11:15	1015.88	30.00	0.681	97.21	206.98	505.35			
2/4/99 11:30	1016.25	30.01	0.674	97.73	207.92	503.08	504.84		
2/4/99 11:45	1017.00	30.03	0.679	98.00	208.39	504.94			
2/4/99 12:00	1017.25	30.04	0.681	97.47	207.45	504.96			
2/4/99 12:15	1017.38	30.04	0.685	97.47	207.45	506.58			
2/4/99 12:30	1017.50	30.05	0.681	98.00	208.39	505.26	504.99		
2/4/99 12:45	1017.75	30.05	0.676	98.52	209.33	503.91			
2/4/99 13:00	1018.25	30.07	0.678	98.52	209.33	504.27			
2/4/99 13:15	1018.75	30.08	0.684	97.73	207.92	505.92			
2/4/99 13:30	1018.75	30.08	0.683	97.73	207.92	505.70	505.15		
2/4/99 13:45	1019.00	30.09	0.680	98.00	208.39	504.66			
2/4/99 14:00	1019.25	30.10	0.681	98.26	208.88	505.22			
2/4/99 14:15	1019.75	30.11	0.684	98.00	208.39	506.11			
2/4/99 14:30	1020.00	30.12	0.688	97.73	207.92	506.53	506.05		
2/4/99 14:45	1020.00	30.12	0.688	97.73	207.92	506.53			
2/4/99 15:00	1020.38	30.13	0.684	98.26	208.86	505.87			
2/4/99 15:15	1020.50	30.14	0.683	98.26	208.88	505.40			
2/4/99 15:30	1020.75	30.14	0.669	97.73	207.92	507.27	506.30		
2/4/99 15:45	1021.13	30.15	0.689	97.47	207.45	506.99			
2/4/99 16:00	1021.50	30.16	0.686	97.47	207.45	505.98			
2/4/99 16:15	1021.75	30.17	0.684	97.73	207.92	505.43			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/4/99 16:30	1021.75	30.17	0.685	97.47	207.45	505.48	505.57		
2/4/99 16:45	1022.13	30.18	0.688	96.95	206.51	505.95			
2/4/99 17:00	1022.63	30.20	0.686	96.43	205.57	504.99			
2/4/99 17:15	1023.13	30.21	0.686	96.69	206.04	505.04			
2/4/99 17:30	1023.75	30.23	0.684	96.43	205.57	504.05	504.56		
2/4/99 17:45	1024.13	30.24	0.685	95.90	204.63	503.82			
2/4/99 18:00	1024.63	30.26	0.689	95.64	204.16	504.88			
2/4/99 18:15	1024.75	30.26	0.691	95.38	203.69	505.38			
2/4/99 18:30	1025.38	30.28	0.682	95.38	203.69	502.02	503.78		
2/4/99 18:45	1025.75	30.29	0.682	95.38	203.69	501.93			
2/4/99 19:00	1025.88	30.29	0.688	96.17	205.10	504.71			
2/4/99 19:15	1026.00	30.30	0.692	95.90	204.63	505.89			
2/4/99 19:30	1026.25	30.31	0.691	94.86	202.75	504.86	504.15		
2/4/99 19:45	1026.63	30.32	0.688	94.60	202.28	503.23			
2/4/99 20:00	1026.88	30.32	0.685	94.34	201.81	502.08			
2/4/99 20:15	1027.00	30.33	0.689	94.08	201.34	503.48			
2/4/99 20:30	1027.13	30.33	0.690	93.29	199.93	503.13	503.87		
2/4/99 20:45	1027.25	30.33	0.691	95.90	204.63	505.33			
2/4/99 21:00	1027.50	30.34	0.690	96.69	206.04	505.38			
2/4/99 21:15	1027.63	30.35	0.689	95.38	203.69	503.96			
2/4/99 21:30	1027.88	30.35	0.691	94.08	201.34	503.92	505.11		
2/4/99 21:45	1028.00	30.36	0.696	96.17	205.10	507.14			
2/4/99 22:00	1028.00	30.36	0.691	95.90	204.63	505.14			
2/4/99 22:15	1028.00	30.36	0.691	96.43	205.57	505.28			
2/4/99 22:30	1028.25	30.36	0.690	95.90	204.63	504.64	504.54		
2/4/99 22:45	1028.13	30.36	0.693	93.81	200.87	504.37			
2/4/99 23:00	1028.00	30.36	0.692	92.77	198.98	503.25			
2/4/99 23:15	1028.00	30.36	0.690	95.12	203.22	504.17			
2/4/99 23:30	1028.13	30.36	0.690	95.90	204.63	504.67	504.64		
2/4/99 23:45	1028.25	30.36	0.691	96.17	205.10	505.26			
2/5/99 0:00	1028.63	30.38	0.695	95.12	203.22	505.84			
2/5/99 0:15	1028.75	30.38	0.693	95.90	204.63	505.65			
2/5/99 0:30	1028.75	30.38	0.693	95.12	203.22	505.11	505.24		
2/5/99 0:45	1029.00	30.39	0.690	96.17	205.10	504.64			
2/5/99 1:00	1029.25	30.39	0.693	95.38	203.69	504.95			
2/5/99 1:15	1029.25	30.39	0.698	95.64	204.16	506.95			
2/5/99 1:30	1029.38	30.40	0.696	94.86	202.75	505.69	505.64		
2/5/99 1:45	1029.75	30.41	0.693	95.90	204.63	505.41			
2/5/99 2:00	1029.75	30.41	0.693	95.64	204.16	505.23			
2/5/99 2:15	1029.75	30.41	0.691	93.03	199.45	502.74			
2/5/99 2:30	1029.63	30.40	0.698	95.38	203.69	506.90	504.77		
2/5/99 2:45	1029.88	30.41	0.693	94.34	201.81	504.08			
2/5/99 3:00	1030.25	30.42	0.693	95.38	203.69	504.92			
2/5/99 3:15	1030.13	30.42	0.694	95.64	204.16	505.61			
2/5/99 3:30	1029.88	30.41	0.694	95.64	204.16	505.67	505.95		
2/5/99 3:45	1029.88	30.41	0.698	95.64	204.16	506.80			
2/5/99 4:00	1030.00	30.42	0.698	95.64	204.16	506.77			
2/5/99 4:15	1029.88	30.41	0.692	95.90	204.63	504.94			
2/5/99 4:30	1029.88	30.41	0.693	95.38	203.69	504.80	505.81		
2/5/99 4:45	1029.88	30.41	0.696	95.64	204.16	506.11			
2/5/99 5:00	1030.00	30.42	0.698	94.86	202.75	506.45			
2/5/99 5:15	1030.00	30.42	0.697	95.12	203.22	506.19			
2/5/99 5:30	1030.00	30.42	0.695	95.38	203.69	505.88	505.75		
2/5/99 5:45	1030.00	30.42	0.691	94.86	202.75	503.94			
2/5/99 6:00	1030.13	30.42	0.697	95.64	204.16	506.52			
2/5/99 6:15	1030.13	30.42	0.699	95.64	204.16	507.17			
2/5/99 6:30	1029.50	30.40	0.696	94.86	202.75	505.88	505.85		
2/5/99 6:45	1029.50	30.40	0.694	95.64	204.16	505.51			
2/5/99 7:00	1029.63	30.40	0.691	95.38	203.69	504.17			
2/5/99 7:15	1029.50	30.40	0.695	95.38	203.69	505.80			
2/5/99 7:30	1029.50	30.40	0.697	95.64	204.16	506.67	505.80		
2/5/99 7:45	1029.75	30.41	0.698	95.64	204.16	506.83			
2/5/99 8:00	1030.38	30.43	0.694	95.64	204.16	505.55			
2/5/99 8:15	1030.38	30.43	0.694	95.90	204.63	505.47			
2/5/99 8:30	1030.13	30.42	0.691	93.29	199.93	502.83	504.59		
2/5/99 8:45	1030.00	30.42	0.693	92.51	198.51	503.01			
2/5/99 9:00	1029.88	30.41	0.695	95.90	204.63	506.07			
2/5/99 9:15	1030.00	30.42	0.693	95.38	203.69	504.99			
2/5/99 9:30	1030.00	30.42	0.689	93.81	200.87	502.56	504.20		
2/5/99 9:45	1029.83	30.40	0.690	93.03	199.45	502.34			
2/5/99 10:00	1029.75	30.41	0.696	94.08	201.34	505.06			
2/5/99 10:15	1029.75	30.41	0.697	95.38	203.89	506.43			
2/5/99 10:30	1029.50	30.40	0.692	94.34	201.81	503.96	504.06		
2/5/99 10:45	1029.38	30.40	0.688	94.08	201.34	502.20			
2/5/99 11:00	1029.25	30.39	0.689	94.08	201.34	502.67			
2/5/99 11:15	1029.13	30.39	0.693	94.08	201.34	504.09			
2/5/99 11:30	1028.88	30.38	0.696	94.08	201.34	505.28	503.98		
2/5/99 11:45	1028.75	30.38	0.692	94.86	202.75	504.50			
2/5/99 12:00	1028.25	30.36	0.688	95.38	203.69	503.37			
2/5/99 12:15	1027.75	30.35	0.691	95.64	204.16	504.80			
2/5/99 12:30	1027.75	30.35	0.694	95.64	204.16	506.19	505.50		
2/5/99 12:45	1027.63	30.35	0.696	95.90	204.63	506.84			
2/5/99 13:00	1027.50	30.34	0.693	96.43	205.57	506.32			
2/5/99 13:15	1026.88	30.32	0.693	96.69	206.04	506.43			
2/5/99 13:30	1026.38	30.31	0.691	96.95	206.51	506.04	506.75		
2/5/99 13:45	1026.00	30.30	0.694	96.69	206.04	507.08			
2/5/99 14:00	1025.50	30.28	0.696	96.69	206.04	507.90			
2/5/99 14:15	1025.13	30.27	0.693	96.95	206.51	507.26			
2/5/99 14:30	1025.00	30.27	0.691	97.47	207.45	506.73	507.02		
2/5/99 14:45	1024.75	30.26	0.689	97.73	207.92	506.28			
2/5/99 15:00	1024.13	30.24	0.691	97.47	207.45	506.95			
2/5/99 15:15	1023.50	30.22	0.693	97.21	206.98	507.84			
2/5/99 15:30	1023.38	30.22	0.691	97.21	206.98	507.18	506.73		
2/5/99 15:45	1023.50	30.22	0.688	97.47	207.45	506.19			
2/5/99 16:00	1023.25	30.22	0.686	97.73	207.92	505.50			
2/5/99 16:15	1023.25	30.22	0.688	97.73	207.92	506.20			
2/5/99 16:30	1023.00	30.21	0.692	97.21	206.98	507.53	506.56		
2/5/99 16:45	1022.75	30.20	0.692	97.21	206.98	507.59			
2/5/99 17:00	1022.50	30.19	0.687	97.47	207.45	505.99			
2/5/99 17:15	1022.38	30.19	0.686	97.73	207.92	505.94			
2/5/99 17:30	1022.63	30.20	0.685	97.73	207.92	505.44	506.33		
2/5/99 17:45	1022.25	30.19	0.691	97.47	207.45	507.41			
2/5/99 18:00	1022.00	30.18	0.689	97.21	206.98	506.86			
2/5/99 18:15	1022.00	30.18	0.689	97.21	206.98	506.66			
2/5/99 18:30	1021.63	30.17	0.687	97.47	207.45	506.21	506.42		
2/5/99 18:45	1021.75	30.17	0.686	97.47	207.45	505.92			
2/5/99 19:00	1021.63	30.17	0.688	97.21	206.98	506.25			
2/5/99 19:15	1021.25	30.16	0.688	96.95	206.51	506.39			
2/5/99 19:30	1020.88	30.15	0.689	96.69	206.04	506.52	505.85		
2/5/99 19:45	1020.75	30.14	0.684	96.95	206.51	504.89			
2/5/99 20:00	1020.88	30.15	0.684	97.47	207.45	505.21			
2/5/99 20:15	1020.50	30.14	0.685	97.47	207.45	505.79			
2/5/99 20:30	1020.50	30.14	0.688	97.21	206.98	506.53	505.81		
2/5/99 20:45	1019.75	30.11	0.688	96.69	206.04	505.88			
2/5/99 21:00	1019.00	30.09	0.685	96.69	206.04	505.62			
2/5/99 21:15	1018.50	30.08	0.681	97.21	206.98	504.70			
2/5/99 21:30	1018.38	30.07	0.682	97.21	206.98	504.99	505.44		
2/5/99 21:45	1018.38	30.07	0.684	97.21	206.98	505.65			
2/5/99 22:00	1018.13	30.07	0.688	96.95	206.51	506.24			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/5/99 22:15	1017.75	30.05	0.664	96.95	206.51	505.63			
2/5/99 22:30	1017.50	30.05	0.679	97.21	206.98	504.28	505.11		
2/5/99 22:45	1017.38	30.04	0.679	97.47	207.45	504.49			
2/5/99 23:00	1016.75	30.02	0.681	97.21	206.98	504.91			
2/5/99 23:15	1015.75	30.00	0.684	96.69	206.04	505.95			
2/5/99 23:30	1015.75	30.00	0.686	96.95	206.51	506.83	505.40		
2/5/99 23:45	1015.68	30.00	0.680	97.21	206.98	504.90			
2/6/99 0:00	1015.75	30.00	0.678	97.47	207.45	504.41			
2/6/99 0:15	1015.25	29.98	0.677	97.73	207.92	504.26			
2/6/99 0:30	1014.75	29.97	0.662	97.47	207.45	506.07	505.63		
2/6/99 0:45	1014.63	29.96	0.681	97.47	207.45	505.62			
2/6/99 1:00	1015.63	29.99	0.686	98.00	208.39	507.80			
2/6/99 1:15	1015.75	30.00	0.679	98.52	209.33	505.34			
2/6/99 1:30	1015.50	29.99	0.678	98.26	208.86	505.00	505.81		
2/6/99 1:45	1015.25	29.98	0.678	97.73	207.92	504.49			
2/6/99 2:00	1015.38	29.98	0.684	97.21	206.98	506.40			
2/6/99 2:15	1015.13	29.98	0.684	97.21	206.98	506.46			
2/6/99 2:30	1014.75	29.97	0.679	96.95	206.51	504.78	505.37		
2/6/99 2:45	1014.63	29.96	0.678	97.47	207.45	504.69			
2/6/99 3:00	1014.50	29.96	0.678	97.47	207.45	504.49			
2/6/99 3:15	1014.25	29.95	0.680	97.47	207.45	505.49			
2/6/99 3:30	1014.13	29.95	0.684	97.21	206.98	506.71	505.46		
2/6/99 3:45	1014.13	29.95	0.680	97.21	206.98	505.34			
2/6/99 4:00	1014.25	29.95	0.679	97.47	207.45	505.26			
2/6/99 4:15	1013.88	29.94	0.675	97.73	207.92	503.90			
2/6/99 4:30	1014.00	29.94	0.676	97.73	207.92	504.09	505.09		
2/6/99 4:45	1014.00	29.94	0.681	97.47	207.45	505.77			
2/6/99 5:00	1014.13	29.95	0.683	97.47	207.45	506.45			
2/6/99 5:15	1014.13	29.95	0.681	97.47	207.45	505.74			
2/6/99 5:30	1014.13	29.95	0.678	97.73	207.92	504.99	505.81		
2/6/99 5:45	1014.00	29.94	0.678	98.00	208.39	505.20			
2/6/99 6:00	1014.00	29.94	0.679	98.00	208.39	505.68			
2/6/99 6:15	1014.13	29.95	0.682	97.73	207.92	506.40			
2/6/99 6:30	1014.25	29.95	0.682	97.73	207.92	506.37	505.90		
2/6/99 6:45	1014.38	29.95	0.680	98.00	208.39	505.81			
2/6/99 7:00	1014.38	29.95	0.678	98.52	209.33	505.24			
2/6/99 7:15	1014.50	29.96	0.681	98.52	209.33	506.38			
2/6/99 7:30	1014.63	29.96	0.684	98.26	208.86	507.56	507.10		
2/6/99 7:45	1014.75	29.97	0.687	97.73	207.92	508.10			
2/6/99 8:00	1015.00	29.97	0.688	97.73	207.92	508.26			
2/6/99 8:15	1015.25	29.98	0.681	98.26	208.86	505.99			
2/6/99 8:30	1015.25	29.98	0.681	98.52	209.33	506.17	506.69		
2/6/99 8:45	1015.50	29.99	0.679	98.52	209.33	505.40			
2/6/99 9:00	1015.38	29.98	0.686	98.00	208.39	507.64			
2/6/99 9:15	1015.50	29.99	0.689	98.26	208.86	508.93			
2/6/99 9:30	1015.50	29.99	0.683	98.78	209.80	507.22	507.67		
2/6/99 9:45	1015.63	29.99	0.681	99.56	211.21	506.79			
2/6/99 10:00	1015.88	30.00	0.683	100.09	212.15	507.79			
2/6/99 10:15	1015.88	30.00	0.685	100.35	212.62	508.90			
2/6/99 10:30	1016.00	30.00	0.688	100.35	212.62	510.02	509.28		
2/6/99 10:45	1016.00	30.00	0.690	100.35	212.62	510.72			
2/6/99 11:00	1016.13	30.01	0.684	100.87	213.56	508.97			
2/6/99 11:15	1016.13	30.01	0.684	101.13	214.04	509.14			
2/6/99 11:30	1016.25	30.01	0.683	101.39	214.51	508.81	509.87		
2/6/99 11:45	1016.25	30.01	0.687	101.13	214.04	510.04			
2/6/99 12:00	1016.25	30.01	0.691	101.13	214.04	511.41			
2/6/99 12:15	1016.13	30.01	0.686	100.87	213.56	510.12			
2/6/99 12:30	1016.25	30.01	0.686	101.13	214.04	509.56	509.92		
2/6/99 12:45	1016.25	30.01	0.683	101.39	214.51	508.81			
2/6/99 13:00	1016.25	30.01	0.685	101.65	214.98	509.69			
2/6/99 13:15	1016.50	30.02	0.690	101.39	214.51	511.31			
2/6/99 13:30	1016.50	30.02	0.691	101.13	214.04	511.57	510.78		
2/6/99 13:45	1016.63	30.02	0.689	101.39	214.51	510.79			
2/6/99 14:00	1016.50	30.02	0.687	101.91	215.45	510.51			
2/6/99 14:15	1016.50	30.02	0.686	102.18	215.92	510.43			
2/6/99 14:30	1016.50	30.02	0.684	102.18	215.92	509.76	510.70		
2/6/99 14:45	1016.50	30.02	0.689	101.91	215.45	511.44			
2/6/99 15:00	1016.38	30.01	0.690	101.39	214.51	511.34			
2/6/99 15:15	1016.50	30.02	0.687	102.18	215.92	510.69			
2/6/99 15:30	1016.63	30.02	0.686	102.44	216.39	510.35	510.87		
2/6/99 15:45	1016.63	30.02	0.686	102.44	216.39	510.56			
2/6/99 16:00	1016.75	30.02	0.689	101.91	215.45	511.36			
2/6/99 16:15	1016.88	30.03	0.691	101.39	214.51	511.44			
2/6/99 16:30	1017.13	30.04	0.689	101.13	214.04	510.49	510.45		
2/6/99 16:45	1017.25	30.04	0.686	101.39	214.51	509.71			
2/6/99 17:00	1017.38	30.04	0.685	101.39	214.51	509.23			
2/6/99 17:15	1017.50	30.05	0.686	101.13	214.04	509.25			
2/6/99 17:30	1017.50	30.05	0.692	100.35	212.62	511.04	509.57		
2/6/99 17:45	1017.75	30.05	0.690	99.56	211.21	509.74			
2/6/99 18:00	1017.88	30.06	0.687	99.56	211.21	508.57			
2/6/99 18:15	1017.88	30.06	0.683	99.30	210.74	506.98			
2/6/99 18:30	1018.00	30.06	0.684	98.78	209.80	507.06	507.18		
2/6/99 18:45	1017.88	30.06	0.685	98.00	208.39	506.79			
2/6/99 19:00	1017.88	30.06	0.684	97.73	207.92	506.39			
2/6/99 19:15	1018.00	30.06	0.686	97.21	206.98	506.45			
2/6/99 19:30	1018.00	30.06	0.683	97.21	206.98	505.30	505.24		
2/6/99 19:45	1018.00	30.06	0.681	96.95	206.51	504.42			
2/6/99 20:00	1017.63	30.05	0.679	96.69	206.04	503.63			
2/6/99 20:15	1017.38	30.04	0.680	96.17	205.10	503.82			
2/6/99 20:30	1017.13	30.04	0.683	95.64	204.16	504.45	503.32		
2/6/99 20:45	1017.13	30.04	0.679	95.38	203.69	502.87			
2/6/99 21:00	1017.38	30.04	0.676	95.64	204.16	501.83			
2/6/99 21:15	1017.38	30.04	0.679	95.64	204.16	502.98			
2/6/99 21:30	1017.00	30.03	0.679	95.64	204.16	503.07	503.13		
2/6/99 21:45	1016.63	30.02	0.681	95.12	203.22	503.74			
2/6/99 22:00	1016.50	30.02	0.682	95.12	203.22	504.03			
2/6/99 22:15	1016.13	30.01	0.677	95.38	203.69	502.45			
2/6/99 22:30	1016.00	30.00	0.677	95.38	203.69	502.48	502.84		
2/6/99 22:45	1015.88	30.00	0.675	95.38	203.69	501.80			
2/6/99 23:00	1016.00	30.00	0.680	95.12	203.22	503.45			
2/6/99 23:15	1015.75	30.00	0.682	94.60	202.28	503.85			
2/6/99 23:30	1015.63	29.99	0.683	95.12	203.22	504.46	503.43		
2/6/99 23:45	1015.38	29.98	0.677	95.64	204.16	502.81			
2/7/99 0:00	1015.00	29.97	0.676	95.90	204.63	502.60			
2/7/99 0:15	1014.75	29.97	0.674	95.90	204.63	502.21			
2/7/99 0:30	1014.63	29.96	0.679	95.90	204.63	503.84	503.71		
2/7/99 0:45	1014.50	29.96	0.683	95.90	204.63	505.28			
2/7/99 1:00	1014.38	29.95	0.681	95.90	204.63	504.61			
2/7/99 1:15	1014.25	29.95	0.676	96.43	205.57	503.14			
2/7/99 1:30	1014.00	29.94	0.675	96.95	206.51	503.33	503.94		
2/7/99 1:45	1013.50	29.93	0.676	97.21	206.98	503.86			
2/7/99 2:00	1012.75	29.91	0.678	97.21	206.98	504.75			
2/7/99 2:15	1011.88	29.88	0.678	97.21	206.98	505.19			
2/7/99 2:30	1011.38	29.87	0.678	97.21	206.98	505.10	504.39		
2/7/99 2:45	1011.25	29.86	0.673	97.47	207.45	503.66			
2/7/99 3:00	1012.00	29.88	0.673	97.47	207.45	503.25			
2/7/99 3:15	1012.25	29.89	0.676	97.47	207.45	504.35			
2/7/99 3:30	1011.88	29.88	0.678	97.21	206.98	505.19	504.35		
2/7/99 3:45	1011.63	29.87	0.678	97.21	206.98	505.03			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/7/99 4:00	1011.00	29.85	0.874	97.47	207.45	503.95			
2/7/99 4:15	1010.50	29.84	0.873	97.47	207.45	503.62			
2/7/99 4:30	1009.88	29.82	0.871	97.47	207.45	503.07	503.80		
2/7/99 4:45	1009.50	29.81	0.873	96.95	206.51	503.52			
2/7/99 5:00	1009.00	29.80	0.878	96.89	206.04	504.85			
2/7/99 5:15	1008.50	29.78	0.873	96.89	206.04	503.81			
2/7/99 5:30	1008.25	29.77	0.869	97.21	206.98	502.58	502.75		
2/7/99 5:45	1007.25	29.74	0.864	97.21	206.98	500.95			
2/7/99 6:00	1006.63	29.73	0.884	97.47	207.45	501.54			
2/7/99 6:15	1006.50	29.72	0.867	97.47	207.45	502.52			
2/7/99 6:30	1005.63	29.70	0.861	97.47	207.45	500.36	491.23		
2/7/99 6:45	1006.25	29.71	0.824	100.35	212.62	488.18			
2/7/99 7:00	1005.50	29.69	0.553	107.14	224.85	483.55			
2/7/99 7:15	1005.00	29.68	0.521	111.84	233.32	452.85			
2/7/99 7:30	1004.13	29.65	0.506	114.72	238.49	448.13	448.43		
2/7/99 7:45	1002.75	29.61	0.489	116.81	242.25	442.39			
2/7/99 8:00	1002.13	29.59	0.471	119.16	246.49	435.25			
2/7/99 8:15	1003.00	29.62	0.468	120.47	248.84	434.34			
2/7/99 8:30	1002.88	29.61	0.471	120.73	249.31	436.23	437.39		
2/7/99 8:45	1002.38	29.60	0.478	120.21	248.37	438.36			
2/7/99 9:00	1001.88	29.59	0.487	119.16	246.49	442.78			
2/7/99 9:15	1001.88	29.59	0.495	118.38	245.08	446.00			
2/7/99 9:30	1002.00	29.59	0.500	117.59	243.67	447.77	447.55		
2/7/99 9:45	1001.75	29.58	0.506	117.07	242.73	450.02			
2/7/99 10:00	1001.38	29.57	0.509	116.55	241.78	451.18			
2/7/99 10:15	1001.25	29.57	0.512	116.02	240.84	452.32			
2/7/99 10:30	1000.63	29.55	0.513	115.50	239.90	452.69	453.85		
2/7/99 10:45	999.75	29.52	0.517	115.24	239.43	454.41			
2/7/99 11:00	999.38	29.51	0.524	114.98	238.96	457.63			
2/7/99 11:15	999.00	29.50	0.535	113.67	238.61	461.54			
2/7/99 11:30	998.63	29.49	0.548	112.11	233.79	465.23	464.85		
2/7/99 11:45	998.25	29.48	0.555	111.06	231.91	468.67			
2/7/99 12:00	997.63	29.48	0.559	110.28	230.50	470.19			
2/7/99 12:15	997.13	29.45	0.558	110.01	230.03	469.35			
2/7/99 12:30	996.63	29.43	0.559	109.75	229.56	469.81	469.00		
2/7/99 12:45	995.88	29.41	0.555	109.75	229.56	468.43			
2/7/99 13:00	995.25	29.39	0.551	110.54	230.97	467.20			
2/7/99 13:15	995.13	29.39	0.534	111.84	233.32	461.08			
2/7/99 13:30	995.88	29.41	0.501	115.50	239.90	448.48	452.29		
2/7/99 13:45	997.00	29.44	0.481	118.90	246.02	441.10			
2/7/99 14:00	997.50	29.46	0.487	118.90	246.02	443.60			
2/7/99 14:15	997.88	29.47	0.493	118.11	244.61	445.88			
2/7/99 14:30	998.13	29.47	0.496	117.59	243.67	446.93	448.72		
2/7/99 14:45	998.38	29.48	0.499	117.07	242.73	448.01			
2/7/99 15:00	998.63	29.49	0.503	116.81	242.25	449.19			
2/7/99 15:15	998.88	29.50	0.503	116.81	242.25	449.14			
2/7/99 15:30	999.25	29.51	0.508	116.55	241.78	451.13	450.70		
2/7/99 15:45	999.75	29.52	0.509	116.29	241.31	451.71			
2/7/99 16:00	1000.38	29.54	0.513	115.24	239.43	452.33			
2/7/99 16:15	1000.88	29.56	0.517	114.46	238.02	453.70			
2/7/99 16:30	1001.50	29.57	0.524	113.67	236.61	456.37	456.59		
2/7/99 16:45	1002.00	29.59	0.532	112.63	234.73	458.89			
2/7/99 17:00	1002.75	29.61	0.541	111.32	232.38	461.67			
2/7/99 17:15	1003.50	29.63	0.547	110.28	230.50	463.55			
2/7/99 17:30	1004.38	29.66	0.556	108.97	228.15	466.22	465.73		
2/7/99 17:45	1005.25	29.69	0.561	107.92	226.26	467.47			
2/7/99 18:00	1006.13	29.71	0.568	106.88	224.38	469.74			
2/7/99 18:15	1006.75	29.73	0.574	105.83	222.50	471.54			
2/7/99 18:30	1007.38	29.75	0.578	105.31	221.56	472.34	472.55		
2/7/99 18:45	1008.25	29.77	0.583	104.79	220.62	474.09			
2/7/99 19:00	1009.25	29.80	0.587	104.27	219.68	475.06			
2/7/99 19:15	1010.00	29.83	0.592	103.74	218.74	476.58			
2/7/99 19:30	1010.50	29.84	0.594	103.22	217.80	477.13	477.20		
2/7/99 19:45	1010.38	29.84	0.598	102.70	216.86	478.07			
2/7/99 20:00	1010.75	29.85	0.601	102.18	215.92	479.13			
2/7/99 20:15	1011.50	29.87	0.606	101.65	214.98	480.60			
2/7/99 20:30	1011.88	29.88	0.609	101.13	214.04	481.45	481.45		
2/7/99 20:45	1012.38	29.90	0.614	101.13	214.04	483.30			
2/7/99 21:00	1012.75	29.91	0.614	100.87	213.56	482.76			
2/7/99 21:15	1013.25	29.92	0.616	100.35	212.62	483.29			
2/7/99 21:30	1013.63	29.93	0.619	100.09	212.15	484.01	484.34		
2/7/99 21:45	1014.00	29.94	0.624	99.82	211.68	485.70			
2/7/99 22:00	1014.38	29.95	0.625	99.56	211.21	485.95			
2/7/99 22:15	1014.63	29.96	0.625	99.30	210.74	485.72			
2/7/99 22:30	1014.75	29.97	0.629	99.04	210.27	486.95	487.22		
2/7/99 22:45	1015.00	29.97	0.634	99.04	210.27	488.82			
2/7/99 23:00	1014.88	29.97	0.634	98.78	209.80	488.68			
2/7/99 23:15	1014.75	29.97	0.636	98.78	209.80	489.45			
2/7/99 23:30	1014.88	29.97	0.638	98.52	209.33	490.20	489.80		
2/7/99 23:45	1015.13	29.98	0.638	98.26	208.86	489.97			
2/8/99 0:00	1015.38	29.98	0.641	98.00	208.39	490.70			
2/8/99 0:15	1015.13	29.98	0.641	98.00	208.39	490.99			
2/8/99 0:30	1015.38	29.98	0.643	97.73	207.92	491.46	491.46		
2/8/99 0:45	1015.50	29.99	0.644	97.47	207.45	491.51			
2/8/99 1:00	1015.38	29.98	0.646	98.00	208.39	492.61			
2/8/99 1:15	1015.75	30.00	0.646	99.56	211.21	494.51			
2/8/99 1:30	1015.75	30.00	0.650	99.04	210.27	494.89	494.16		
2/8/99 1:45	1015.88	30.00	0.646	99.04	210.27	493.18			
2/8/99 2:00	1016.13	30.01	0.653	98.52	209.33	495.63			
2/8/99 2:15	1016.38	30.01	0.649	98.76	209.80	494.07			
2/8/99 2:30	1016.50	30.02	0.656	97.73	207.92	495.96	495.24		
2/8/99 2:45	1016.38	30.01	0.652	98.26	208.86	494.94			
2/8/99 3:00	1016.25	30.01	0.653	98.52	209.33	495.60			
2/8/99 3:15	1016.38	30.01	0.652	97.47	207.45	494.41			
2/8/99 3:30	1016.50	30.02	0.651	97.21	206.98	493.72	494.66		
2/8/99 3:45	1016.63	30.02	0.655	96.69	206.04	495.00			
2/8/99 4:00	1016.50	30.02	0.654	96.69	206.04	494.58			
2/8/99 4:15	1016.63	30.02	0.652	96.43	205.57	493.86			
2/8/99 4:30	1016.50	30.02	0.656	95.90	204.63	494.74	494.02		
2/8/99 4:45	1016.63	30.02	0.652	96.17	205.10	493.46			
2/8/99 5:00	1016.88	30.03	0.653	96.17	205.10	493.65			
2/8/99 5:15	1016.88	30.03	0.656	95.90	204.63	495.59			
2/8/99 5:30	1017.13	30.04	0.652	96.17	205.10	493.36	494.67		
2/8/99 5:45	1017.50	30.05	0.655	96.43	205.57	494.62			
2/8/99 6:00	1017.63	30.05	0.660	95.90	204.63	496.12			
2/8/99 6:15	1017.75	30.05	0.659	96.43	205.57	495.95			
2/8/99 6:30	1017.75	30.05	0.656	96.43	205.57	495.01	495.49		
2/8/99 6:45	1017.88	30.06	0.659	96.17	205.10	495.74			
2/8/99 7:00	1018.13	30.07	0.655	96.69	206.04	494.84			
2/8/99 7:15	1018.38	30.07	0.659	96.69	206.04	495.97			
2/8/99 7:30	1016.63	30.06	0.660	96.43	205.57	496.23	495.57		
2/8/99 7:45	1018.75	30.08	0.656	96.43	205.57	495.26			
2/8/99 8:00	1019.00	30.09	0.658	96.95	206.51	495.77			
2/8/99 8:15	1019.13	30.09	0.661	96.69	206.04	496.73			
2/8/99 8:30	1019.25	30.10	0.661	96.69	206.04	496.47	496.58		
2/8/99 8:45	1019.25	30.10	0.658	97.21	206.98	495.68			
2/8/99 9:00	1019.38	30.10	0.664	96.95	206.51	496.05			
2/8/99 9:15	1019.25	30.10	0.663	97.21	206.96	497.76			
2/8/99 9:30	1019.00	30.09	0.661	97.47	207.45	497.06	497.57		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/8/99 9:45	1018.88	30.09	0.660	97.47	207.45	498.87			
2/8/99 10:00	1018.75	30.08	0.664	97.21	206.98	498.11			
2/8/99 10:15	1018.75	30.08	0.662	97.47	207.45	497.81			
2/8/99 10:30	1018.88	30.09	0.660	97.73	207.92	497.04	497.66		
2/8/99 10:45	1018.88	30.09	0.664	97.47	207.45	498.26			
2/8/99 11:00	1018.88	30.09	0.661	97.73	207.92	497.27			
2/8/99 11:15	1019.13	30.09	0.659	97.73	207.92	496.49			
2/8/99 11:30	1019.00	30.09	0.666	98.00	208.39	499.29	497.92		
2/8/99 11:45	1019.00	30.09	0.664	98.00	208.39	498.84			
2/8/99 12:00	1019.00	30.09	0.660	98.78	209.80	497.71			
2/8/99 12:15	1018.88	30.09	0.663	99.04	210.27	499.08			
2/8/99 12:30	1018.50	30.08	0.666	98.78	209.80	500.17	499.26		
2/8/99 12:45	1018.50	30.08	0.665	99.04	210.27	499.89			
2/8/99 13:00	1018.13	30.07	0.663	99.30	210.74	499.44			
2/8/99 13:15	1018.00	30.06	0.665	99.30	210.74	500.19			
2/8/99 13:30	1017.88	30.06	0.666	99.56	211.21	500.62	500.24		
2/8/99 13:45	1017.63	30.05	0.664	100.35	212.62	500.49			
2/8/99 14:00	1017.50	30.05	0.663	100.61	213.09	500.47			
2/8/99 14:15	1017.50	30.05	0.664	100.35	212.62	500.52			
2/8/99 14:30	1017.75	30.05	0.667	100.35	212.62	501.67	500.84		
2/8/99 14:45	1017.88	30.06	0.663	100.87	213.56	500.55			
2/8/99 15:00	1017.63	30.05	0.663	101.39	214.51	500.96			
2/8/99 15:15	1017.50	30.05	0.670	101.39	214.51	503.59			
2/8/99 15:30	1017.25	30.04	0.670	101.39	214.51	503.66	502.45		
2/8/99 15:45	1017.00	30.03	0.664	101.91	215.45	501.96			
2/8/99 16:00	1016.75	30.02	0.665	101.65	214.98	502.07			
2/8/99 16:15	1016.63	30.02	0.670	101.65	214.98	503.99			
2/8/99 16:30	1016.63	30.02	0.666	101.65	214.98	502.56	502.72		
2/8/99 16:45	1016.50	30.02	0.666	101.65	214.98	502.36			
2/8/99 17:00	1016.63	30.02	0.667	101.39	214.51	502.64			
2/8/99 17:15	1016.50	30.02	0.668	101.13	214.04	502.95			
2/8/99 17:30	1016.25	30.01	0.664	101.13	214.04	501.62	502.25		
2/8/99 17:45	1016.25	30.01	0.665	101.13	214.04	501.85			
2/8/99 18:00	1016.25	30.01	0.667	100.61	213.09	502.21			
2/8/99 18:15	1016.25	30.01	0.666	100.09	212.15	501.60			
2/8/99 18:30	1016.25	30.01	0.661	100.35	212.62	499.89	500.63		
2/8/99 18:45	1016.38	30.01	0.661	100.35	212.62	499.63			
2/8/99 19:00	1016.25	30.01	0.663	99.56	211.21	499.85			
2/8/99 19:15	1018.50	30.02	0.664	99.30	210.74	500.07			
2/8/99 19:30	1016.38	30.01	0.659	99.30	210.74	498.48	499.47		
2/8/99 19:45	1016.38	30.01	0.661	99.30	210.74	498.93			
2/8/99 20:00	1018.38	30.01	0.664	98.78	209.80	500.01			
2/8/99 20:15	1018.38	30.01	0.663	98.52	209.33	499.35			
2/8/99 20:30	1016.25	30.01	0.659	98.78	209.80	497.89	498.95		
2/8/99 20:45	1016.50	30.02	0.661	98.78	209.80	498.77			
2/8/99 21:00	1016.38	30.01	0.662	98.26	208.86	498.72			
2/8/99 21:15	1016.25	30.01	0.662	98.26	208.88	498.75			
2/8/99 21:30	1016.25	30.01	0.658	98.52	209.33	497.26	497.98		
2/8/99 21:45	1016.25	30.01	0.660	98.00	208.39	497.66			
2/8/99 22:00	1016.25	30.01	0.660	97.21	206.98	497.33			
2/8/99 22:15	1016.13	30.01	0.659	97.21	206.98	496.87			
2/8/99 22:30	1016.00	30.00	0.655	97.21	206.98	495.51	497.27		
2/8/99 22:45	1015.88	30.00	0.660	97.47	207.45	497.60			
2/8/99 23:00	1015.75	30.00	0.664	97.47	207.45	499.02			
2/8/99 23:15	1015.50	29.99	0.656	97.21	206.98	496.08			
2/8/99 23:30	1015.38	29.98	0.657	96.95	206.51	496.20	496.89		
2/8/99 23:45	1015.25	29.98	0.657	96.69	206.04	496.06			
2/9/99 0:00	1015.25	29.98	0.661	96.17	205.10	497.10			
2/9/99 0:15	1015.25	29.98	0.656	96.17	205.10	495.44			
2/9/99 0:30	1015.25	29.98	0.654	96.43	205.57	494.71	495.98		
2/9/99 0:45	1015.00	29.97	0.654	96.43	205.57	494.77			
2/9/99 1:00	1015.25	29.98	0.659	98.00	208.39	497.88			
2/9/99 1:15	1015.25	29.98	0.658	97.73	207.92	497.21			
2/9/99 1:30	1015.13	29.98	0.655	97.21	206.98	495.72	497.18		
2/9/99 1:45	1015.13	29.98	0.658	98.00	208.39	497.19			
2/9/99 2:00	1015.13	29.98	0.661	96.95	206.51	497.88			
2/9/99 2:15	1015.00	29.97	0.658	96.95	206.51	496.52			
2/9/99 2:30	1015.00	29.97	0.655	97.21	206.98	495.75	496.74		
2/9/99 2:45	1015.00	29.97	0.656	96.95	206.51	496.03			
2/9/99 3:00	1014.88	29.97	0.660	96.95	206.51	497.49			
2/9/99 3:15	1014.75	29.97	0.659	96.95	206.51	497.03			
2/9/99 3:30	1014.63	29.96	0.655	97.47	207.45	496.02	496.90		
2/9/99 3:45	1014.50	29.96	0.656	97.47	207.45	496.27			
2/9/99 4:00	1014.63	29.96	0.659	97.47	207.45	497.66			
2/9/99 4:15	1014.75	29.97	0.656	97.73	207.92	496.61			
2/9/99 4:30	1014.88	29.97	0.653	97.73	207.92	495.18	496.95		
2/9/99 4:45	1014.88	29.97	0.660	98.00	208.39	498.19			
2/9/99 5:00	1015.00	29.97	0.658	97.47	207.45	497.10			
2/9/99 5:15	1015.00	29.97	0.656	97.73	207.92	496.33			
2/9/99 5:30	1014.75	29.97	0.656	98.00	208.39	496.79	497.01		
2/9/99 5:45	1014.75	29.97	0.657	98.00	208.39	497.05			
2/9/99 6:00	1014.88	29.97	0.659	97.73	207.92	497.79			
2/9/99 6:15	1015.13	29.96	0.658	98.26	208.86	497.36			
2/9/99 6:30	1015.25	29.96	0.656	98.52	209.33	496.79	497.53		
2/9/99 6:45	1015.25	29.98	0.659	98.26	208.88	497.79			
2/9/99 7:00	1015.38	29.98	0.660	97.73	207.92	497.90			
2/9/99 7:15	1015.63	29.99	0.659	97.73	207.92	497.35			
2/9/99 7:30	1016.00	30.00	0.656	98.00	208.39	496.48	497.50		
2/9/99 7:45	1016.38	30.01	0.656	98.26	208.86	496.57			
2/9/99 8:00	1016.38	30.01	0.664	98.00	208.39	499.22			
2/9/99 8:15	1016.50	30.02	0.660	98.00	208.39	497.80			
2/9/99 8:30	1016.63	30.02	0.659	98.52	209.33	497.63	498.41		
2/9/99 8:45	1016.75	30.02	0.659	98.78	209.80	497.77			
2/9/99 9:00	1016.88	30.03	0.664	98.78	209.80	499.62			
2/9/99 9:15	1017.00	30.03	0.661	99.04	210.27	498.60			
2/9/99 9:30	1017.38	30.04	0.659	99.56	211.21	498.14	499.39		
2/9/99 9:45	1017.50	30.05	0.661	100.35	212.62	499.35			
2/9/99 10:00	1017.50	30.05	0.666	100.35	212.62	501.24			
2/9/99 10:15	1017.50	30.05	0.667	100.87	213.56	502.08			
2/9/99 10:30	1017.63	30.05	0.661	101.65	214.98	500.19	501.36		
2/9/99 10:45	1017.75	30.05	0.661	102.18	215.92	500.74			
2/9/99 11:00	1018.00	30.06	0.666	102.18	215.92	502.57			
2/9/99 11:15	1018.13	30.07	0.668	102.44	216.39	503.20			
2/9/99 11:30	1018.13	30.07	0.664	102.96	217.33	502.38	502.88		
2/9/99 11:45	1018.25	30.07	0.665	103.22	217.80	502.75			
2/9/99 12:00	1018.25	30.07	0.668	102.96	217.33	503.52			
2/9/99 12:15	1018.13	30.07	0.671	103.22	217.80	505.12			
2/9/99 12:30	1018.00	30.06	0.666	103.74	218.74	503.61	504.21		
2/9/99 12:45	1018.00	30.06	0.668	104.00	219.21	503.56			
2/9/99 13:00	1018.00	30.06	0.670	104.00	219.21	505.22			
2/9/99 13:15	1018.00	30.06	0.668	104.00	219.21	504.51			
2/9/99 13:30	1018.13	30.07	0.669	104.53	220.15	505.32	505.05		
2/9/99 13:45	1018.00	30.06	0.668	104.79	220.62	504.80			
2/9/99 14:00	1017.88	30.06	0.669	104.53	220.15	505.38			
2/9/99 14:15	1018.13	30.07	0.673	104.53	220.15	506.71			
2/9/99 14:30	1018.25	30.07	0.669	104.79	220.62	505.19	505.48		
2/9/99 14:45	1018.25	30.07	0.668	105.05	221.09	504.92			
2/9/99 15:00	1018.38	30.07	0.668	105.05	221.09	505.11			
2/9/99 15:15	1018.63	30.08	0.671	105.31	221.56	506.17			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/9/99 15:30	1018.88	30.09	0.669	105.31	221.56	505.39	506.30		
2/9/99 15:45	1018.88	30.09	0.694	103.74	218.74	513.94			
2/9/99 16:00	1019.00	30.09	0.656	106.10	222.97	500.90			
2/9/99 16:15	1019.25	30.10	0.660	105.83	222.50	502.34			
2/9/99 16:30	1019.50	30.11	0.659	105.57	222.03	501.61	501.83		
2/9/99 16:45	1019.50	30.11	0.660	105.57	222.03	502.11			
2/9/99 17:00	1019.63	30.11	0.661	105.05	221.09	502.19			
2/9/99 17:15	1019.75	30.11	0.664	104.79	220.62	502.93			
2/9/99 17:30	1019.75	30.11	0.659	104.53	220.15	501.13	501.69		
2/9/99 17:45	1019.88	30.12	0.659	104.00	219.21	500.75			
2/9/99 18:00	1019.88	30.12	0.663	102.96	217.33	501.46			
2/9/99 18:15	1020.00	30.12	0.660	102.18	215.92	499.73			
2/9/99 18:30	1020.25	30.13	0.657	101.39	214.51	497.97	499.00		
2/9/99 18:45	1020.50	30.14	0.658	100.61	213.09	497.85			
2/9/99 19:00	1020.63	30.14	0.660	99.82	211.68	498.01			
2/9/99 19:15	1020.75	30.14	0.659	99.56	211.21	497.32			
2/9/99 19:30	1021.00	30.15	0.654	99.56	211.21	495.40	496.85		
2/9/99 19:45	1021.25	30.16	0.658	99.04	210.27	496.62			
2/9/99 20:00	1021.38	30.16	0.659	98.78	209.80	496.91			
2/9/99 20:15	1021.50	30.16	0.658	99.56	211.21	496.68			
2/9/99 20:30	1021.50	30.16	0.658	98.78	209.80	496.38	496.31		
2/9/99 20:45	1021.50	30.16	0.659	98.00	208.39	496.35			
2/9/99 21:00	1021.63	30.17	0.657	97.73	207.92	495.20			
2/9/99 21:15	1021.50	30.16	0.658	99.30	210.74	496.51			
2/9/99 21:30	1021.50	30.16	0.661	98.52	209.33	497.38	496.39		
2/9/99 21:45	1021.63	30.17	0.661	97.47	207.45	496.65			
2/9/99 22:00	1021.50	30.16	0.660	97.47	207.45	496.23			
2/9/99 22:15	1021.50	30.16	0.658	97.47	207.45	495.51			
2/9/99 22:30	1021.38	30.16	0.659	96.95	206.51	495.42	495.43		
2/9/99 22:45	1021.50	30.16	0.659	96.69	206.04	495.21			
2/9/99 23:00	1021.50	30.16	0.658	96.69	206.04	494.76			
2/9/99 23:15	1021.50	30.16	0.654	96.69	206.04	493.37			
2/9/99 23:30	1021.63	30.17	0.659	96.17	205.10	494.83	494.76		
2/9/99 23:45	1021.75	30.17	0.658	95.90	204.63	494.40			
2/10/99 0:00	1021.88	30.18	0.658	99.30	210.74	496.42			
2/10/99 0:15	1021.88	30.18	0.661	100.09	212.15	498.33			
2/10/99 0:30	1022.00	30.18	0.665	99.30	210.74	499.21	497.67		
2/10/99 0:45	1022.00	30.18	0.660	98.26	208.86	496.63			
2/10/99 1:00	1022.13	30.18	0.661	99.30	210.74	497.75			
2/10/99 1:15	1022.00	30.18	0.661	97.21	206.98	496.16			
2/10/99 1:30	1022.13	30.18	0.661	96.17	205.10	495.43	495.43		
2/10/99 1:45	1022.25	30.19	0.658	95.90	204.63	494.06			
2/10/99 2:00	1022.50	30.19	0.657	95.90	204.63	493.77			
2/10/99 2:15	1022.88	30.21	0.659	95.38	203.69	494.01			
2/10/99 2:30	1023.00	30.21	0.659	95.12	203.22	494.06	493.58		
2/10/99 2:45	1023.13	30.21	0.655	95.38	203.69	492.56			
2/10/99 3:00	1023.00	30.21	0.658	95.38	203.69	493.53			
2/10/99 3:15	1023.50	30.22	0.661	95.12	203.22	494.39			
2/10/99 3:30	1023.63	30.23	0.661	94.86	202.75	494.19	493.70		
2/10/99 3:45	1023.50	30.22	0.658	95.38	203.69	493.41			
2/10/99 4:00	1023.63	30.23	0.657	95.12	203.22	492.98			
2/10/99 4:15	1023.50	30.22	0.663	94.34	201.81	494.80			
2/10/99 4:30	1023.50	30.22	0.658	94.34	201.81	492.93	493.49		
2/10/99 4:45	1023.63	30.23	0.657	94.60	202.28	492.63			
2/10/99 5:00	1023.75	30.23	0.662	94.08	201.34	494.12			
2/10/99 5:15	1024.00	30.24	0.662	93.81	200.87	493.88			
2/10/99 5:30	1024.25	30.25	0.660	93.81	200.87	493.11	493.64		
2/10/99 5:45	1024.38	30.25	0.658	94.34	201.81	492.72			
2/10/99 6:00	1024.63	30.26	0.663	94.08	201.34	494.35			
2/10/99 6:15	1024.38	30.25	0.659	93.29	199.93	492.50			
2/10/99 6:30	1024.13	30.24	0.660	94.08	201.34	493.32	493.53		
2/10/99 6:45	1024.25	30.25	0.659	94.08	201.34	493.06			
2/10/99 7:00	1024.38	30.25	0.663	94.08	201.34	494.41			
2/10/99 7:15	1024.38	30.25	0.665	94.60	202.28	495.47			
2/10/99 7:30	1024.50	30.25	0.690	98.26	208.86	507.17	497.59		
2/10/99 7:45	1024.63	30.26	0.655	99.30	210.74	494.81			
2/10/99 8:00	1024.75	30.26	0.661	97.73	207.92	496.06			
2/10/99 8:15	1025.00	30.27	0.663	99.30	210.74	497.54			
2/10/99 8:30	1025.00	30.27	0.661	99.04	210.27	496.65	496.88		
2/10/99 8:45	1025.13	30.27	0.662	98.00	208.39	496.41			
2/10/99 9:00	1025.25	30.28	0.665	98.26	208.86	497.72			
2/10/99 9:15	1025.25	30.28	0.659	97.73	207.92	495.27			
2/10/99 9:30	1025.38	30.28	0.681	97.73	207.92	495.91	501.56		
2/10/99 9:45	1025.13	30.27	0.666	98.26	208.88	498.20			
2/10/99 10:00	1025.00	30.27	0.734	94.86	202.75	520.71			
2/10/99 10:15	1025.00	30.27	0.654	98.78	209.80	493.91			
2/10/99 10:30	1024.75	30.26	0.656	101.13	214.04	496.93	502.00		
2/10/99 10:45	1024.75	30.26	0.663	101.13	214.04	499.05			
2/10/99 11:00	1024.63	30.26	0.663	101.91	215.45	499.37			
2/10/99 11:15	1024.50	30.25	0.663	102.18	215.92	499.80			
2/10/99 11:30	1024.38	30.25	0.669	102.18	215.92	502.20	500.66		
2/10/99 11:45	1024.00	30.24	0.668	102.18	215.92	501.81			
2/10/99 12:00	1023.75	30.23	0.663	102.70	216.86	500.11			
2/10/99 12:15	1023.63	30.23	0.665	102.70	216.86	501.08			
2/10/99 12:30	1023.25	30.22	0.671	102.70	216.86	503.50	505.27		
2/10/99 12:45	1022.75	30.20	0.729	99.04	210.27	522.20			
2/10/99 13:00	1022.50	30.19	0.658	103.74	218.74	499.44			
2/10/99 13:15	1022.25	30.19	0.660	104.27	219.66	500.57			
2/10/99 13:30	1022.00	30.18	0.666	104.27	219.88	502.98	501.56		
2/10/99 13:45	1021.88	30.18	0.664	104.53	220.15	502.24			
2/10/99 14:00	1021.63	30.17	0.664	104.53	220.15	502.56			
2/10/99 14:15	1021.38	30.16	0.669	104.53	220.15	504.51			
2/10/99 14:30	1021.00	30.15	0.671	104.79	220.62	505.46	506.06		
2/10/99 14:45	1020.75	30.14	0.666	105.05	221.09	503.81			
2/10/99 15:00	1020.63	30.14	0.728	101.13	214.04	523.99			
2/10/99 15:15	1020.50	30.14	0.663	104.53	220.15	502.35			
2/10/99 15:30	1020.50	30.14	0.664	105.05	221.09	503.19	507.11		
2/10/99 15:45	1020.38	30.13	0.662	105.57	222.03	502.62			
2/10/99 16:00	1020.25	30.13	0.664	105.31	221.56	503.42			
2/10/99 16:15	1020.38	30.13	0.671	105.05	221.09	505.56			
2/10/99 16:30	1020.38	30.13	0.666	104.79	220.62	503.72	504.26		
2/10/99 16:45	1020.25	30.13	0.666	104.79	220.62	503.76			
2/10/99 17:00	1020.25	30.13	0.670	104.27	219.88	504.64			
2/10/99 17:15	1020.38	30.13	0.670	104.00	219.21	504.64			
2/10/99 17:30	1020.25	30.13	0.668	104.00	219.21	503.72	504.20		
2/10/99 17:45	1020.00	30.12	0.666	103.74	218.74	503.12			
2/10/99 18:00	1019.88	30.12	0.671	103.22	217.80	504.69			
2/10/99 18:15	1019.88	30.12	0.666	102.96	217.33	502.63			
2/10/99 18:30	1019.88	30.12	0.666	102.70	216.86	502.23	503.11		
2/10/99 18:45	1020.00	30.12	0.668	102.44	216.39	502.74			
2/10/99 19:00	1020.13	30.12	0.670	101.91	215.45	503.30			
2/10/99 19:15	1020.13	30.12	0.666	101.13	214.04	501.34			
2/10/99 19:30	1020.00	30.12	0.663	100.61	213.09	499.66	501.36		
2/10/99 19:45	1019.88	30.12	0.669	99.82	211.68	501.47			
2/10/99 20:00	1019.75	30.11	0.668	99.30	210.74	500.92			
2/10/99 20:15	1019.75	30.11	0.661	99.04	210.27	497.93			
2/10/99 20:30	1019.75	30.11	0.661	99.04	210.27	498.15	498.70		
2/10/99 20:45	1019.88	30.12	0.664	98.52	209.33	498.71			
2/10/99 21:00	1019.88	30.12	0.661	98.52	209.33	497.77			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/10/99 21:15	1019.88	30.12	0.661	98.52	209.33	497.55			
2/10/99 21:30	1019.83	30.11	0.661	98.26	208.88	497.43	497.87		
2/10/99 21:45	1019.50	30.11	0.663	97.73	207.92	497.83			
2/10/99 22:00	1019.50	30.11	0.662	98.00	208.39	497.78			
2/10/99 22:15	1019.25	30.10	0.881	98.52	209.33	497.70			
2/10/99 22:30	1019.13	30.09	0.663	99.04	210.27	499.02	499.22		
2/10/99 22:45	1019.00	30.09	0.667	99.56	211.21	500.83			
2/10/99 23:00	1019.00	30.09	0.666	99.82	211.68	500.74			
2/10/99 23:15	1018.88	30.09	0.662	100.09	212.15	499.33			
2/10/99 23:30	1018.75	30.08	0.663	100.09	212.15	499.81	500.25		
2/10/99 23:45	1018.50	30.08	0.667	99.56	211.21	500.95			
2/11/99 0:00	1018.50	30.08	0.665	99.82	211.68	500.42			
2/11/99 0:15	1018.25	30.07	0.663	99.82	211.68	499.54			
2/11/99 0:30	1018.25	30.07	0.664	99.30	210.74	499.90	499.75		
2/11/99 0:45	1018.13	30.07	0.665	98.78	209.80	499.81			
2/11/99 1:00	1018.00	30.06	0.663	99.04	210.27	499.07			
2/11/99 1:15	1018.00	30.06	0.661	99.04	210.27	498.36			
2/11/99 1:30	1017.75	30.05	0.662	98.78	209.80	498.73	498.79		
2/11/99 1:45	1017.83	30.05	0.665	98.52	209.33	499.75			
2/11/99 2:00	1017.75	30.05	0.660	98.78	209.80	498.02			
2/11/99 2:15	1017.75	30.05	0.660	98.78	209.80	498.02			
2/11/99 2:30	1017.50	30.05	0.663	98.78	209.80	499.02	498.76		
2/11/99 2:45	1017.50	30.05	0.664	98.52	209.33	499.56			
2/11/99 3:00	1017.50	30.05	0.663	99.04	210.27	499.19			
2/11/99 3:15	1017.38	30.04	0.659	99.30	210.74	498.23			
2/11/99 3:30	1017.25	30.04	0.663	99.56	211.21	499.83	499.93		
2/11/99 3:45	1017.13	30.04	0.667	100.09	212.15	501.64			
2/11/99 4:00	1017.00	30.03	0.664	100.09	212.15	500.73			
2/11/99 4:15	1017.00	30.03	0.661	100.35	212.62	499.47			
2/11/99 4:30	1017.00	30.03	0.663	100.09	212.15	500.24	500.23		
2/11/99 4:45	1017.13	30.04	0.666	99.56	211.21	501.03			
2/11/99 5:00	1017.13	30.04	0.663	99.30	210.74	499.69			
2/11/99 5:15	1017.00	30.03	0.658	99.30	210.74	497.83			
2/11/99 5:30	1017.00	30.03	0.665	99.30	210.74	500.43	499.68		
2/11/99 5:45	1017.00	30.03	0.664	99.04	210.27	500.03			
2/11/99 6:00	1017.00	30.03	0.665	99.30	210.74	500.43			
2/11/99 6:15	1017.00	30.03	0.663	99.82	211.68	500.07			
2/11/99 8:30	1017.00	30.03	0.664	99.82	211.68	500.56	500.61		
2/11/99 8:45	1017.00	30.03	0.665	99.56	211.21	500.81			
2/11/99 7:00	1017.00	30.03	0.666	100.35	212.62	501.36			
2/11/99 7:15	1016.88	30.03	0.661	100.87	213.56	500.08			
2/11/99 7:30	1017.00	30.03	0.663	101.13	214.04	500.72	501.57		
2/11/99 7:45	1017.00	30.03	0.669	100.87	213.56	502.88			
2/11/99 8:00	1017.13	30.04	0.668	101.13	214.04	502.80			
2/11/99 8:15	1017.25	30.04	0.664	101.39	214.51	501.55			
2/11/99 8:30	1017.25	30.04	0.666	101.65	214.98	502.18	502.87		
2/11/99 8:45	1017.38	30.04	0.669	101.65	214.98	503.58			
2/11/99 9:00	1017.25	30.04	0.671	101.91	215.45	504.23			
2/11/99 9:15	1017.13	30.04	0.668	102.70	216.86	503.82			
2/11/99 9:30	1017.00	30.03	0.667	103.22	217.80	503.78	504.72		
2/11/99 9:45	1016.75	30.02	0.670	103.48	218.27	505.18			
2/11/99 10:00	1016.63	30.02	0.674	103.74	218.74	506.78			
2/11/99 10:15	1016.38	30.01	0.668	104.00	219.21	504.91			
2/11/99 10:30	1016.25	30.01	0.667	104.53	220.15	504.84	506.13		
2/11/99 10:45	1016.00	30.00	0.671	104.79	220.62	506.70			
2/11/99 11:00	1015.88	30.00	0.673	104.79	220.62	507.45			
2/11/99 11:15	1015.88	30.00	0.671	105.05	221.09	506.90			
2/11/99 11:30	1015.75	30.00	0.669	105.31	221.56	506.43	507.25		
2/11/99 11:45	1015.50	29.99	0.671	105.57	222.03	507.35			
2/11/99 12:00	1015.25	29.98	0.673	105.57	222.03	508.13			
2/11/99 12:15	1015.00	29.97	0.675	105.57	222.03	508.91			
2/11/99 12:30	1014.83	29.96	0.671	105.83	222.50	507.52	508.09		
2/11/99 12:45	1014.38	29.95	0.668	106.62	223.91	507.15			
2/11/99 13:00	1014.00	29.94	0.673	106.36	223.44	508.74			
2/11/99 13:15	1013.75	29.94	0.673	106.10	222.97	508.85			
2/11/99 13:30	1013.38	29.92	0.669	106.88	224.38	508.07	508.53		
2/11/99 13:45	1013.25	29.92	0.670	107.40	225.32	508.88			
2/11/99 14:00	1012.75	29.91	0.669	107.40	225.32	508.31			
2/11/99 14:15	1012.25	29.89	0.675	107.40	225.32	510.63			
2/11/99 14:30	1012.00	29.88	0.674	107.92	226.26	511.01	509.65		
2/11/99 14:45	1011.75	29.88	0.668	108.45	227.20	508.80			
2/11/99 15:00	1011.38	29.87	0.668	108.71	227.67	509.30			
2/11/99 15:15	1011.00	29.85	0.671	108.19	226.73	510.23			
2/11/99 15:30	1010.75	29.85	0.672	108.19	226.73	510.56	509.37		
2/11/99 15:45	1010.63	29.84	0.668	108.45	227.20	509.09			
2/11/99 16:00	1010.50	29.84	0.664	108.45	227.20	507.67			
2/11/99 16:15	1010.13	29.83	0.666	108.45	227.20	508.49			
2/11/99 16:30	1010.00	29.83	0.671	108.19	226.73	510.48	509.01		
2/11/99 16:45	1009.88	29.82	0.669	108.19	226.73	509.56			
2/11/99 17:00	1009.86	29.82	0.667	108.19	226.73	508.87			
2/11/99 17:15	1009.75	29.82	0.666	108.19	226.73	508.64			
2/11/99 17:30	1009.75	29.82	0.670	107.66	225.79	509.74	509.08		
2/11/99 17:45	1009.63	29.81	0.670	107.40	225.32	509.59			
2/11/99 18:00	1009.75	29.82	0.667	107.66	225.79	508.56			
2/11/99 18:15	1009.88	29.82	0.663	107.40	225.32	506.90			
2/11/99 18:30	1009.50	29.81	0.668	106.88	224.38	508.32	508.34		
2/11/99 18:45	1009.63	29.81	0.670	106.62	223.91	509.07			
2/11/99 19:00	1009.50	29.81	0.669	106.62	223.91	508.87			
2/11/99 19:15	1009.25	29.80	0.664	106.88	224.38	506.94			
2/11/99 19:30	1009.38	29.81	0.664	106.88	224.38	506.91	507.85		
2/11/99 19:45	1009.38	29.81	0.669	106.36	223.44	508.73			
2/11/99 20:00	1009.38	29.81	0.668	106.10	222.97	507.83			
2/11/99 20:15	1009.13	29.80	0.666	106.62	223.91	507.75			
2/11/99 20:30	1009.13	29.80	0.663	106.62	223.91	506.57	507.61		
2/11/99 20:45	1009.00	29.80	0.666	106.36	223.44	507.38			
2/11/99 21:00	1008.50	29.78	0.669	106.10	222.97	508.51			
2/11/99 21:15	1008.25	29.77	0.663	106.62	223.91	506.78			
2/11/99 21:30	1007.88	29.76	0.664	106.88	224.38	507.28	507.44		
2/11/99 21:45	1007.38	29.75	0.661	106.88	224.38	506.22			
2/11/99 22:00	1007.13	29.74	0.666	106.10	222.97	508.40			
2/11/99 22:15	1007.25	29.74	0.665	106.10	222.97	507.41			
2/11/99 22:30	1007.13	29.74	0.662	106.10	222.97	506.26	506.67		
2/11/99 22:45	1006.88	29.73	0.659	106.62	223.91	505.71			
2/11/99 23:00	1006.88	29.73	0.663	106.10	222.97	506.55			
2/11/99 23:15	1007.00	29.74	0.667	105.83	222.50	508.03			
2/11/99 23:30	1009.00	29.80	0.663	106.10	222.97	506.02	504.95		
2/11/99 23:45	1009.75	29.82	0.653	105.83	222.50	502.06			
2/12/99 0:00	1010.75	29.85	0.656	104.79	220.82	502.07			
2/12/99 0:15	1011.13	29.86	0.652	103.48	218.27	499.70			
2/12/99 0:30	1011.25	29.86	0.636	104.00	219.21	493.96	493.38		
2/12/99 0:45	1011.50	29.87	0.618	105.05	221.09	487.25			
2/12/99 1:00	1011.63	29.87	0.608	106.10	222.97	483.93			
2/12/99 1:15	1012.13	29.89	0.605	106.36	223.44	482.98			
2/12/99 1:30	1012.88	29.91	0.601	106.10	222.97	481.12	482.32		
2/12/99 1:45	1013.25	29.92	0.603	105.83	222.50	481.38			
2/12/99 2:00	1013.00	29.91	0.602	107.40	225.32	482.20			
2/12/99 2:15	1013.38	29.92	0.606	107.14	224.85	483.42			
2/12/99 2:30	1013.13	29.92	0.607	107.40	225.32	484.16	483.12		
2/12/99 2:45	1013.88	29.94	0.608	106.88	224.38	483.89			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/12/99 3:00	1013.75	29.94	0.603	108.88	224.38	481.93			
2/12/99 3:15	1014.25	29.95	0.597	107.66	225.79	480.08			
2/12/99 3:30	1014.50	29.96	0.582	109.75	229.56	475.23	474.61		
2/12/99 3:45	1014.50	29.96	0.568	109.75	229.56	469.56			
2/12/99 4:00	1014.25	29.95	0.558	111.06	231.91	466.26			
2/12/99 4:15	1015.13	29.98	0.557	113.15	235.67	466.62			
2/12/99 4:30	1014.88	29.97	0.556	112.37	234.26	466.11	467.33		
2/12/99 4:45	1014.75	29.97	0.560	112.37	234.26	467.73			
2/12/99 5:00	1015.13	29.98	0.565	112.37	234.26	469.72			
2/12/99 5:15	1015.50	29.99	0.569	111.06	231.91	470.37			
2/12/99 5:30	1015.38	29.98	0.574	110.28	230.50	471.99	470.91		
2/12/99 5:45	1016.13	30.01	0.572	110.54	230.97	471.23			
2/12/99 6:00	1016.63	30.02	0.574	109.49	229.09	471.21			
2/12/99 6:15	1016.50	30.02	0.576	109.23	228.62	471.86			
2/12/99 6:30	1016.38	30.01	0.583	109.23	228.62	474.71	473.87		
2/12/99 6:45	1016.63	30.02	0.586	108.19	226.73	475.50			
2/12/99 7:00	1017.00	30.03	0.589	107.14	224.85	476.06			
2/12/99 7:15	1017.13	30.04	0.595	108.71	227.67	479.27			
2/12/99 7:30	1017.50	30.05	0.597	107.92	226.26	479.45	479.69		
2/12/99 7:45	1017.88	30.06	0.602	107.40	225.32	481.04			
2/12/99 8:00	1017.50	30.05	0.606	107.40	225.32	482.60			
2/12/99 8:15	1017.50	30.05	0.604	104.53	220.15	480.30			
2/12/99 8:30	1017.75	30.05	0.608	106.10	222.97	482.71	483.40		
2/12/99 8:45	1018.25	30.07	0.616	106.38	223.44	485.73			
2/12/99 9:00	1018.25	30.07	0.618	105.05	221.09	485.64			
2/12/99 9:15	1018.13	30.07	0.616	102.70	216.86	483.41			
2/12/99 9:30	1018.00	30.06	0.624	105.31	221.56	488.30	486.79		
2/12/99 9:45	1017.75	30.05	0.624	104.27	219.68	487.96			
2/12/99 10:00	1018.13	30.07	0.626	104.79	220.62	488.67			
2/12/99 10:15	1018.00	30.06	0.629	104.53	220.15	489.74			
2/12/99 10:30	1018.00	30.06	0.633	104.27	219.68	491.05	490.45		
2/12/99 10:45	1018.13	30.07	0.633	103.48	218.27	490.51			
2/12/99 11:00	1018.50	30.08	0.637	103.74	218.74	492.29			
2/12/99 11:15	1018.38	30.07	0.634	101.39	214.51	489.82			
2/12/99 11:30	1018.38	30.07	0.633	100.09	212.15	488.47	490.53		
2/12/99 11:45	1018.50	30.08	0.638	102.44	216.39	491.90			
2/12/99 12:00	1018.38	30.07	0.636	100.87	213.56	490.17			
2/12/99 12:15	1018.38	30.07	0.640	101.65	214.98	492.15			
2/12/99 12:30	1016.13	30.07	0.643	102.70	216.86	493.86	492.61		
2/12/99 12:45	1018.00	30.06	0.644	102.44	216.39	494.45			
2/12/99 13:00	1017.75	30.05	0.641	101.13	214.04	492.42			
2/12/99 13:15	1017.50	30.05	0.641	100.35	212.62	491.73			
2/12/99 13:30	1017.25	30.04	0.641	99.82	211.68	491.68	492.99		
2/12/99 13:45	1017.13	30.04	0.644	100.61	213.09	493.19			
2/12/99 14:00	1016.88	30.03	0.646	102.44	216.39	495.91			
2/12/99 14:15	1016.63	30.02	0.644	101.91	215.45	494.17			
2/12/99 14:30	1018.38	30.01	0.646	101.91	215.45	495.19	495.20		
2/12/99 14:45	1016.25	30.01	0.649	101.13	214.04	495.92			
2/12/99 15:00	1016.13	30.01	0.645	101.91	215.45	494.79			
2/12/99 15:15	1016.00	30.00	0.651	100.87	213.56	496.50			
2/12/99 15:30	1015.88	30.00	0.646	100.61	213.09	494.45	495.67		
2/12/99 15:45	1015.75	30.00	0.649	101.39	214.51	496.22			
2/12/99 16:00	1015.63	29.99	0.651	100.61	213.09	496.42			
2/12/99 16:15	1015.50	29.99	0.644	99.56	211.21	493.16			
2/12/99 16:30	1015.50	29.99	0.651	99.04	210.27	495.41	494.47		
2/12/99 16:45	1015.38	29.98	0.646	99.04	210.27	493.53			
2/12/99 17:00	1015.25	29.98	0.647	99.04	210.27	493.63			
2/12/99 17:15	1015.38	29.98	0.649	98.52	209.33	494.14			
2/12/99 17:30	1015.25	29.98	0.646	98.52	209.33	492.99	493.74		
2/12/99 17:45	1015.25	29.98	0.651	98.26	208.88	494.72			
2/12/99 18:00	1015.63	29.99	0.647	98.00	208.39	493.04			
2/12/99 18:15	1016.00	30.00	0.645	97.47	207.45	491.88			
2/12/99 18:30	1016.00	30.00	0.651	97.21	206.98	494.07	492.84		
2/12/99 18:45	1018.00	30.00	0.647	96.95	206.51	492.26			
2/12/99 19:00	1018.00	30.00	0.649	96.95	206.51	492.94			
2/12/99 19:15	1015.88	30.00	0.649	96.69	206.04	492.80			
2/12/99 19:30	1016.13	30.01	0.648	96.69	206.04	492.28	494.07		
2/12/99 19:45	1016.63	30.02	0.649	97.47	207.45	493.40			
2/12/99 20:00	1016.75	30.02	0.656	101.91	215.45	496.91			
2/12/99 20:15	1016.88	30.03	0.653	101.91	215.45	497.47			
2/12/99 20:30	1016.88	30.03	0.653	101.39	214.51	497.13	497.46		
2/12/99 20:45	1016.75	30.02	0.654	99.56	211.21	496.44			
2/12/99 21:00	1017.00	30.03	0.653	101.39	214.51	497.33			
2/12/99 21:15	1017.25	30.04	0.652	100.87	213.56	496.46			
2/12/99 21:30	1017.38	30.04	0.656	100.87	213.56	498.06	496.91		
2/12/99 21:45	1017.38	30.04	0.651	99.04	210.27	494.95			
2/12/99 22:00	1017.50	30.05	0.655	101.13	214.04	497.75			
2/12/99 22:15	1017.75	30.05	0.657	100.09	212.15	497.72			
2/12/99 22:30	1017.88	30.06	0.654	99.82	211.68	496.34	497.44		
2/12/99 22:45	1018.13	30.07	0.654	99.82	211.68	496.28			
2/12/99 23:00	1018.50	30.08	0.661	100.35	212.62	499.11			
2/12/99 23:15	1018.63	30.08	0.656	100.09	212.15	497.24			
2/12/99 23:30	1018.88	30.09	0.659	100.61	213.09	498.47	498.22		
2/12/99 23:45	1019.13	30.09	0.662	100.35	212.62	499.44			
2/13/99 0:00	1019.25	30.10	0.657	99.30	210.74	496.83			
2/13/99 0:15	1019.63	30.11	0.657	100.35	212.62	497.43			
2/13/99 0:30	1019.75	30.11	0.662	99.82	211.68	498.94	497.44		
2/13/99 0:45	1019.88	30.12	0.659	100.09	212.15	497.88			
2/13/99 1:00	1020.00	30.12	0.655	99.56	211.21	496.10			
2/13/99 1:15	1020.13	30.12	0.662	99.04	210.27	498.33			
2/13/99 1:30	1020.13	30.12	0.660	97.47	207.45	496.56	497.46		
2/13/99 1:45	1020.38	30.13	0.659	99.04	210.27	497.32			
2/13/99 2:00	1020.50	30.14	0.663	99.82	211.68	498.98			
2/13/99 2:15	1020.75	30.14	0.664	99.30	210.74	499.29			
2/13/99 2:30	1020.75	30.14	0.659	99.30	210.74	497.14	498.46		
2/13/99 2:45	1020.75	30.14	0.662	99.04	210.27	498.17			
2/13/99 3:00	1021.00	30.15	0.664	98.52	209.33	498.70			
2/13/99 3:15	1021.25	30.16	0.663	98.52	209.33	498.15			
2/13/99 3:30	1021.38	30.16	0.661	97.73	207.92	496.66	498.76		
2/13/99 3:45	1021.63	30.17	0.666	98.78	209.80	499.40			
2/13/99 4:00	1022.00	30.18	0.670	99.04	210.27	500.91			
2/13/99 4:15	1022.25	30.19	0.664	98.78	209.80	498.57			
2/13/99 4:30	1022.50	30.19	0.664	98.00	208.39	497.72	498.61		
2/13/99 4:45	1022.88	30.21	0.666	98.00	208.39	498.34			
2/13/99 5:00	1023.25	30.22	0.665	97.21	206.98	497.50			
2/13/99 5:15	1023.50	30.22	0.665	98.78	209.80	498.49			
2/13/99 5:30	1023.75	30.23	0.669	98.52	209.33	499.64	498.87		
2/13/99 5:45	1023.88	30.23	0.671	97.73	207.92	499.79			
2/13/99 6:00	1024.38	30.25	0.668	98.00	208.39	498.91			
2/13/99 6:15	1024.75	30.26	0.668	98.52	209.33	498.95			
2/13/99 6:30	1025.13	30.27	0.669	98.00	208.39	499.22	499.03		
2/13/99 6:45	1025.38	30.28	0.673	97.73	207.92	500.36			
2/13/99 7:00	1025.50	30.28	0.668	96.95	206.51	497.71			
2/13/99 7:15	1025.63	30.29	0.668	96.43	205.57	497.56			
2/13/99 7:30	1025.88	30.29	0.675	96.95	206.51	500.41	498.94		
2/13/99 7:45	1026.38	30.31	0.673	97.47	207.45	499.71			
2/13/99 8:00	1026.88	30.32	0.671	97.73	207.92	499.28			
2/13/99 8:15	1027.25	30.33	0.671	96.95	206.51	498.44			
2/13/99 8:30	1027.50	30.34	0.677	97.73	207.92	501.25	499.39		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/13/99 8:45	1027.75	30.35	0.672	97.21	206.98	498.98			
2/13/99 9:00	1027.75	30.35	0.672	97.21	206.98	498.98			
2/13/99 9:15	1028.00	30.36	0.674	97.21	206.98	499.59			
2/13/99 9:30	1028.25	30.36	0.676	96.17	205.10	499.75	499.42		
2/13/99 9:45	1028.50	30.37	0.676	96.95	206.51	499.99			
2/13/99 10:00	1028.63	30.38	0.673	96.95	206.51	498.81			
2/13/99 10:15	1028.88	30.38	0.673	96.43	205.57	498.62			
2/13/99 10:30	1029.00	30.39	0.678	96.95	206.51	500.57	499.64		
2/13/99 10:45	1029.25	30.39	0.678	96.95	206.51	500.74			
2/13/99 11:00	1029.50	30.40	0.676	96.95	206.51	500.45			
2/13/99 11:15	1029.63	30.40	0.673	96.69	206.04	498.62			
2/13/99 11:30	1029.63	30.40	0.678	96.69	206.04	500.25	499.11		
2/13/99 11:45	1029.50	30.40	0.675	94.86	202.75	498.12			
2/13/99 12:00	1029.50	30.40	0.673	95.90	204.63	498.12			
2/13/99 12:15	1029.38	30.40	0.673	96.43	205.57	498.50			
2/13/99 12:30	1029.38	30.40	0.677	96.17	205.10	499.73	498.87		
2/13/99 12:45	1029.25	30.39	0.678	95.90	204.63	500.03			
2/13/99 13:00	1029.25	30.39	0.673	95.90	204.63	497.96			
2/13/99 13:15	1029.13	30.39	0.673	95.12	203.22	497.46			
2/13/99 13:30	1029.13	30.39	0.674	94.08	201.34	497.46	497.91		
2/13/99 13:45	1029.00	30.39	0.675	93.81	200.87	497.53			
2/13/99 14:00	1029.25	30.39	0.676	95.64	204.16	499.15			
2/13/99 14:15	1029.38	30.40	0.672	96.43	205.57	498.06			
2/13/99 14:30	1029.50	30.40	0.673	94.60	202.28	497.02	497.93		
2/13/99 14:45	1029.75	30.41	0.674	94.08	201.34	497.30			
2/13/99 15:00	1029.75	30.41	0.674	95.64	204.16	498.11			
2/13/99 15:15	1029.75	30.41	0.672	97.21	206.98	498.50			
2/13/99 15:30	1029.88	30.41	0.673	96.43	205.57	498.38	498.13		
2/13/99 15:45	1029.75	30.41	0.675	95.64	204.16	498.59			
2/13/99 16:00	1029.88	30.41	0.673	94.86	202.75	497.10			
2/13/99 16:15	1030.00	30.42	0.669	94.34	201.81	495.57			
2/13/99 16:30	1030.13	30.42	0.678	97.21	206.98	500.48	496.46		
2/13/99 16:45	1030.25	30.42	0.676	96.69	206.04	499.39			
2/13/99 17:00	1030.38	30.43	0.676	96.95	206.51	499.76			
2/13/99 17:15	1030.25	30.42	0.673	96.69	206.04	498.25			
2/13/99 17:30	1030.25	30.42	0.673	95.12	203.22	497.19	498.69		
2/13/99 17:45	1030.50	30.43	0.676	95.38	203.69	499.15			
2/13/99 18:00	1030.75	30.44	0.676	96.43	205.57	499.09			
2/13/99 18:15	1031.00	30.45	0.673	94.86	202.75	496.83			
2/13/99 18:30	1031.25	30.45	0.675	96.43	205.57	498.75	499.06		
2/13/99 18:45	1031.38	30.46	0.680	96.69	206.04	500.74			
2/13/99 19:00	1031.50	30.46	0.679	96.17	205.10	499.88			
2/13/99 19:15	1031.50	30.46	0.677	96.69	206.04	499.57			
2/13/99 19:30	1031.50	30.46	0.674	95.12	203.22	497.33	499.35		
2/13/99 19:45	1031.50	30.46	0.680	96.69	206.04	500.71			
2/13/99 20:00	1031.63	30.46	0.676	96.69	206.04	499.28			
2/13/99 20:15	1031.38	30.46	0.674	95.38	203.69	497.54			
2/13/99 20:30	1031.63	30.46	0.672	93.81	200.87	495.75	497.10		
2/13/99 20:45	1031.75	30.47	0.679	92.77	198.98	497.52			
2/13/99 21:00	1031.75	30.47	0.674	91.99	197.57	495.41			
2/13/99 21:15	1031.75	30.47	0.669	92.25	198.04	493.49			
2/13/99 21:30	1031.88	30.47	0.676	96.95	206.51	499.40	498.27		
2/13/99 21:45	1031.86	30.47	0.685	96.95	206.51	502.84			
2/13/99 22:00	1031.75	30.47	0.679	96.69	206.04	500.43			
2/13/99 22:15	1031.75	30.47	0.676	95.90	204.63	498.72			
2/13/99 22:30	1031.75	30.47	0.674	94.60	202.28	497.18	499.44		
2/13/99 22:45	1031.63	30.46	0.679	96.17	205.10	500.11			
2/13/99 23:00	1031.50	30.46	0.681	96.43	205.57	500.76			
2/13/99 23:15	1031.38	30.46	0.678	95.12	203.22	498.76			
2/13/99 23:30	1031.38	30.46	0.675	96.17	205.10	498.55	499.71		
2/13/99 23:45	1031.25	30.45	0.679	96.43	205.57	500.38			
2/14/99 0:00	1031.13	30.45	0.680	95.64	204.16	500.10			
2/14/99 0:15	1031.00	30.45	0.678	96.43	205.57	499.96			
2/14/99 0:30	1030.88	30.44	0.676	95.64	204.16	498.54	498.99		
2/14/99 0:45	1030.75	30.44	0.674	93.55	200.40	496.71			
2/14/99 1:00	1030.88	30.44	0.681	94.60	202.28	499.67			
2/14/99 1:15	1031.00	30.45	0.678	95.64	204.16	499.43			
2/14/99 1:30	1031.13	30.45	0.678	96.69	206.04	500.10	499.39		
2/14/99 1:45	1031.13	30.45	0.678	95.64	204.16	499.40			
2/14/99 2:00	1031.25	30.45	0.679	93.81	200.87	498.35			
2/14/99 2:15	1031.38	30.46	0.681	96.17	205.10	500.83			
2/14/99 2:30	1031.38	30.46	0.679	96.43	205.57	500.09	499.64		
2/14/99 2:45	1031.13	30.45	0.678	95.64	204.16	499.18			
2/14/99 3:00	1031.13	30.45	0.678	96.17	205.10	499.75			
2/14/99 3:15	1031.13	30.45	0.678	93.03	199.45	497.62			
2/14/99 3:30	1031.13	30.45	0.671	91.46	196.63	493.81	497.23		
2/14/99 3:45	1031.25	30.45	0.676	95.90	204.63	498.64			
2/14/99 4:00	1031.00	30.45	0.674	92.77	198.98	496.12			
2/14/99 4:15	1031.00	30.45	0.682	96.17	205.10	501.18			
2/14/99 4:30	1030.88	30.44	0.679	95.90	204.63	500.11	499.12		
2/14/99 4:45	1031.13	30.45	0.676	95.90	204.63	498.65			
2/14/99 5:00	1031.13	30.45	0.678	96.17	205.10	499.53			
2/14/99 5:15	1031.13	30.45	0.680	94.86	202.75	499.58			
2/14/99 5:30	1031.25	30.45	0.678	94.86	202.75	498.64	498.82		
2/14/99 5:45	1031.38	30.46	0.675	94.86	202.75	497.68			
2/14/99 6:00	1031.50	30.46	0.677	95.12	203.22	498.51			
2/14/99 6:15	1031.63	30.46	0.676	91.46	196.63	495.74			
2/14/99 6:30	1031.88	30.47	0.681	95.64	204.16	500.35	498.92		
2/14/99 6:45	1031.88	30.47	0.680	96.43	205.57	500.44			
2/14/99 7:00	1031.88	30.47	0.678	96.43	205.57	499.52			
2/14/99 7:15	1031.75	30.47	0.679	95.38	203.69	499.55			
2/14/99 7:30	1031.88	30.47	0.681	95.64	204.16	500.13	498.70		
2/14/99 7:45	1032.13	30.48	0.681	94.86	202.75	499.54			
2/14/99 8:00	1032.38	30.49	0.673	92.25	198.04	494.74			
2/14/99 8:15	1032.50	30.49	0.676	95.12	203.22	498.49			
2/14/99 8:30	1032.50	30.49	0.684	95.38	203.69	500.94	498.65		
2/14/99 8:45	1032.63	30.49	0.683	95.38	203.69	500.69			
2/14/99 9:00	1032.63	30.49	0.679	94.34	201.81	498.37			
2/14/99 9:15	1032.63	30.49	0.678	95.38	203.69	498.84			
2/14/99 9:30	1032.63	30.49	0.682	95.12	203.22	500.08	498.79		
2/14/99 9:45	1032.38	30.49	0.683	93.29	199.93	499.33			
2/14/99 10:00	1032.38	30.49	0.679	93.03	199.45	497.54			
2/14/99 10:15	1032.25	30.48	0.674	93.29	199.93	496.17			
2/14/99 10:30	1032.13	30.48	0.678	93.29	199.93	496.64	497.38		
2/14/99 10:45	1032.00	30.47	0.678	93.29	199.93	497.59			
2/14/99 11:00	1031.88	30.47	0.681	93.55	200.40	498.94			
2/14/99 11:15	1032.00	30.47	0.678	94.08	201.34	497.42			
2/14/99 11:30	1031.75	30.47	0.678	94.60	202.28	497.84	498.54		
2/14/99 11:45	1031.63	30.46	0.678	94.60	202.28	497.87			
2/14/99 12:00	1031.50	30.46	0.684	94.60	202.28	500.65			
2/14/99 12:15	1031.13	30.45	0.679	94.86	202.75	499.34			
2/14/99 12:30	1030.75	30.44	0.676	95.64	204.16	499.49	499.72		
2/14/99 12:45	1030.50	30.43	0.678	95.90	204.63	499.72			
2/14/99 13:00	1030.13	30.42	0.676	95.64	204.16	499.42			
2/14/99 13:15	1030.00	30.42	0.681	95.90	204.63	500.77			
2/14/99 13:30	1029.75	30.41	0.676	95.90	204.63	499.21	499.75		
2/14/99 13:45	1029.38	30.40	0.675	96.43	205.57	499.21			
2/14/99 14:00	1029.13	30.39	0.677	96.69	206.04	500.15			
2/14/99 14:15	1029.00	30.39	0.677	96.95	206.51	500.35			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/14/99 14:30	1028.88	30.38	0.679	96.95	206.51	501.31	500.46		
2/14/99 14:45	1028.88	30.38	0.674	97.73	207.92	499.99			
2/14/99 15:00	1028.63	30.38	0.676	97.73	207.92	500.49			
2/14/99 15:15	1028.25	30.38	0.679	97.47	207.45	501.55			
2/14/99 15:30	1026.25	30.36	0.677	97.21	206.98	500.71	500.78		
2/14/99 15:45	1028.13	30.36	0.677	97.21	206.98	500.74			
2/14/99 16:00	1026.00	30.36	0.675	97.73	207.92	500.42			
2/14/99 16:15	1027.88	30.35	0.673	97.73	207.92	499.52			
2/14/99 16:30	1027.63	30.35	0.677	97.21	206.98	500.86	499.98		
2/14/99 16:45	1027.36	30.34	0.676	96.95	206.51	500.27			
2/14/99 17:00	1027.25	30.33	0.671	97.21	206.98	498.84			
2/14/99 17:15	1027.25	30.33	0.672	96.95	206.51	498.93			
2/14/99 17:30	1027.25	30.33	0.678	96.69	206.04	500.62	499.30		
2/14/99 17:45	1027.25	30.33	0.676	96.17	205.10	499.77			
2/14/99 18:00	1027.25	30.33	0.671	96.17	205.10	498.14			
2/14/99 16:15	1027.00	30.33	0.673	95.90	204.63	498.50			
2/14/99 18:30	1027.00	30.33	0.671	95.64	204.16	497.62	498.34		
2/14/99 18:45	1027.00	30.33	0.676	95.12	203.22	499.12			
2/14/99 19:00	1027.00	30.33	0.673	95.64	204.16	498.33			
2/14/99 19:15	1027.00	30.33	0.673	96.17	205.10	498.68			
2/14/99 19:30	1026.88	30.32	0.668	96.17	205.10	496.85	496.29		
2/14/99 19:45	1026.75	30.32	0.674	95.90	204.63	499.27			
2/14/99 20:00	1026.63	30.32	0.674	94.88	202.75	498.33			
2/14/99 20:15	1026.50	30.31	0.670	94.60	202.28	496.82			
2/14/99 20:30	1026.38	30.31	0.668	94.60	202.28	495.92	496.76		
2/14/99 20:45	1026.50	30.31	0.668	94.88	202.75	496.29			
2/14/99 21:00	1026.38	30.31	0.669	94.34	201.81	496.45			
2/14/99 21:15	1026.38	30.31	0.674	94.34	201.81	498.04			
2/14/99 21:30	1026.25	30.31	0.669	94.34	201.81	496.22	496.64		
2/14/99 21:45	1026.13	30.30	0.668	94.60	202.28	496.20			
2/14/99 22:00	1026.00	30.30	0.669	94.34	201.81	496.28			
2/14/99 22:15	1025.75	30.29	0.673	94.08	201.34	497.57			
2/14/99 22:30	1025.63	30.29	0.671	96.43	205.57	498.71	497.17		
2/14/99 22:45	1025.50	30.28	0.669	95.64	204.16	497.28			
2/14/99 23:00	1025.38	30.28	0.666	95.12	203.22	496.03			
2/14/99 23:15	1025.25	30.28	0.671	94.34	201.81	497.39			
2/14/99 23:30	1025.25	30.28	0.670	94.08	201.34	496.77	496.07		
2/14/99 23:45	1025.13	30.27	0.668	94.08	201.34	496.09			
2/15/99 0:00	1024.88	30.26	0.663	94.08	201.34	494.07			
2/15/99 0:15	1024.75	30.26	0.665	94.08	201.34	495.03			
2/15/99 0:30	1024.75	30.26	0.668	94.08	201.34	496.18	495.51		
2/15/99 0:45	1024.75	30.26	0.671	93.81	200.87	496.93			
2/15/99 1:00	1024.50	30.25	0.666	94.08	201.34	495.31			
2/15/99 1:15	1024.50	30.25	0.664	94.08	201.34	494.61			
2/15/99 1:30	1024.50	30.25	0.666	94.08	201.34	495.54	495.07		
2/15/99 1:45	1024.38	30.25	0.668	93.29	199.93	495.74			
2/15/99 2:00	1024.25	30.25	0.664	93.29	199.93	494.14			
2/15/99 2:15	1024.25	30.25	0.657	94.60	202.28	492.48			
2/15/99 2:30	1024.25	30.25	0.663	94.34	201.81	494.39	493.65		
2/15/99 2:45	1024.25	30.25	0.662	93.81	200.87	493.82			
2/15/99 3:00	1024.13	30.24	0.661	93.55	200.40	493.41			
2/15/99 3:15	1024.13	30.24	0.663	93.55	200.40	494.12			
2/15/99 3:30	1024.13	30.24	0.658	94.08	201.34	492.38	493.48		
2/15/99 3:45	1024.13	30.24	0.665	93.55	200.40	494.83			
2/15/99 4:00	1024.13	30.24	0.659	93.81	200.87	492.65			
2/15/99 4:15	1024.13	30.24	0.659	93.81	200.87	492.92			
2/15/99 4:30	1024.13	30.24	0.659	94.08	201.34	493.09	493.14		
2/15/99 4:45	1024.13	30.24	0.656	94.34	201.81	491.84			
2/15/99 5:00	1024.25	30.25	0.666	93.81	200.87	495.20			
2/15/99 5:15	1024.25	30.25	0.660	93.81	200.87	493.11			
2/15/99 5:30	1024.25	30.25	0.659	94.08	201.34	492.80	493.27		
2/15/99 5:45	1024.25	30.25	0.660	93.81	200.87	493.11			
2/15/99 6:00	1024.25	30.25	0.657	94.08	201.34	492.13			
2/15/99 6:15	1024.38	30.25	0.667	93.29	199.93	495.30			
2/15/99 6:30	1024.50	30.25	0.658	93.81	200.87	492.12	493.37		
2/15/99 6:45	1024.50	30.25	0.661	93.81	200.87	493.27			
2/15/99 7:00	1024.50	30.25	0.663	93.55	200.40	494.03			
2/15/99 7:15	1024.50	30.25	0.663	93.81	200.87	494.21			
2/15/99 7:30	1024.50	30.25	0.668	93.03	199.45	495.31	494.20		
2/15/99 7:45	1024.50	30.25	0.664	93.29	199.93	494.34			
2/15/99 8:00	1024.38	30.25	0.661	93.55	200.40	493.13			
2/15/99 8:15	1024.38	30.25	0.666	93.29	199.93	494.81			
2/15/99 8:30	1024.00	30.24	0.663	93.81	200.87	494.33	494.83		
2/15/99 8:45	1023.88	30.23	0.669	94.08	201.34	496.88			
2/15/99 9:00	1023.75	30.23	0.662	95.38	203.69	494.99			
2/15/99 9:15	1023.63	30.23	0.667	95.64	204.16	497.07			
2/15/99 9:30	1023.63	30.23	0.671	95.90	204.63	498.84	497.90		
2/15/99 9:45	1023.50	30.22	0.671	96.17	205.10	499.05			
2/15/99 10:00	1023.50	30.22	0.671	97.21	206.98	499.53			
2/15/99 10:15	1023.38	30.22	0.671	97.47	207.45	499.96			
2/15/99 10:30	1023.25	30.22	0.671	98.00	208.39	500.34	500.57		
2/15/99 10:45	1023.00	30.21	0.673	97.73	207.92	500.94			
2/15/99 11:00	1022.88	30.21	0.676	98.00	208.39	502.07			
2/15/99 11:15	1022.75	30.20	0.674	98.78	209.80	501.93			
2/15/99 11:30	1022.75	30.20	0.672	99.30	210.74	501.61	502.33		
2/15/99 11:45	1022.50	30.19	0.673	99.56	211.21	502.29			
2/15/99 12:00	1022.25	30.19	0.677	99.56	211.21	503.77			
2/15/99 12:15	1022.00	30.18	0.679	99.82	211.68	504.94			
2/15/99 12:30	1021.75	30.17	0.856	101.65	214.98	497.29	498.29		
2/15/99 12:45	1021.63	30.17	0.831	104.53	220.15	489.61			
2/15/99 13:00	1021.25	30.16	0.647	104.27	219.68	495.82			
2/15/99 13:15	1020.88	30.15	0.689	101.13	214.04	509.61			
2/15/99 13:30	1020.63	30.14	0.656	102.70	216.86	498.48	501.90		
2/15/99 13:45	1020.50	30.14	0.643	104.53	220.15	494.48			
2/15/99 14:00	1020.38	30.13	0.691	101.91	215.45	510.91			
2/15/99 14:15	1020.13	30.12	0.639	104.27	219.68	492.94			
2/15/99 14:30	1019.88	30.12	0.636	105.31	221.56	492.48	496.47		
2/15/99 14:45	1019.75	30.11	0.637	105.31	221.56	493.01			
2/15/99 15:00	1019.38	30.10	0.636	105.57	222.03	493.00			
2/15/99 15:15	1019.25	30.10	0.831	105.83	222.50	491.03			
2/15/99 15:30	1019.13	30.09	0.639	105.83	222.50	494.20	496.95		
2/15/99 15:45	1019.00	30.09	0.662	104.53	220.15	502.26			
2/15/99 16:00	1018.88	30.09	0.671	102.18	215.92	504.23			
2/15/99 16:15	1018.88	30.09	0.645	104.53	220.15	495.84			
2/15/99 16:30	1018.88	30.09	0.646	104.53	220.15	496.30	497.84		
2/15/99 16:45	1018.88	30.09	0.645	104.27	219.68	495.87			
2/15/99 17:00	1018.88	30.09	0.649	104.00	219.21	497.18			
2/15/99 17:15	1018.63	30.08	0.649	103.74	218.74	497.07			
2/15/99 17:30	1018.50	30.08	0.646	103.74	218.74	495.88	496.31		
2/15/99 17:45	1018.50	30.08	0.644	103.74	218.74	494.92			
2/15/99 18:00	1018.38	30.07	0.649	103.22	217.80	496.52			
2/15/99 18:15	1018.25	30.07	0.651	102.70	218.86	497.18			
2/15/99 18:30	1018.38	30.07	0.646	102.44	216.39	494.82	495.82		
2/15/99 18:45	1018.38	30.07	0.646	102.44	216.39	495.05			
2/15/99 19:00	1018.50	30.08	0.645	102.44	216.39	494.56			
2/15/99 19:15	1016.50	30.06	0.646	102.18	215.92	494.84			
2/15/99 19:30	1018.75	30.08	0.650	101.91	215.45	496.06	494.78		
2/15/99 19:45	1018.75	30.08	0.646	101.65	214.98	494.44			
2/15/99 20:00	1018.63	30.08	0.645	101.65	214.98	494.01			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/15/99 20:15	1018.50	30.08	0.643	101.85	214.98	493.08			
2/15/99 20:30	1018.38	30.07	0.647	101.13	214.04	494.45	493.69		
2/15/99 20:45	1018.38	30.07	0.649	100.87	213.56	494.97			
2/15/99 21:00	1018.38	30.07	0.639	101.85	214.96	491.92			
2/15/99 21:15	1018.13	30.07	0.632	102.44	216.39	489.60			
2/15/99 21:30	1018.13	30.07	0.644	101.85	214.98	493.63	492.68		
2/15/99 21:45	1018.25	30.07	0.651	100.87	213.56	495.95			
2/15/99 22:00	1018.50	30.08	0.644	100.87	213.56	493.29			
2/15/99 22:15	1018.63	30.08	0.645	100.35	212.62	493.15			
2/15/99 22:30	1018.50	30.08	0.629	101.13	214.04	487.42	491.63		
2/15/99 22:45	1018.13	30.07	0.639	100.35	212.62	491.12			
2/15/99 23:00	1018.25	30.07	0.646	99.56	211.21	493.18			
2/15/99 23:15	1018.38	30.07	0.641	99.82	211.68	491.18			
2/15/99 23:30	1018.38	30.07	0.644	99.30	210.74	492.02	491.51		
2/15/99 23:45	1018.25	30.07	0.635	100.35	212.62	489.40			
2/16/99 0:00	1018.25	30.07	0.643	99.56	211.21	491.77			
2/16/99 0:15	1018.38	30.07	0.647	99.04	210.27	493.07			
2/16/99 0:30	1018.38	30.07	0.638	99.56	211.21	489.82	491.40		
2/16/99 0:45	1018.38	30.07	0.646	99.30	210.74	492.75			
2/16/99 1:00	1018.25	30.07	0.637	99.56	211.21	489.62			
2/16/99 1:15	1018.25	30.07	0.641	99.56	211.21	491.27			
2/16/99 1:30	1018.13	30.07	0.649	98.78	209.80	493.91	491.36		
2/16/99 1:45	1018.00	30.06	0.638	99.56	211.21	489.91			
2/16/99 2:00	1018.00	30.06	0.644	99.30	210.74	492.11			
2/16/99 2:15	1017.88	30.06	0.641	99.30	210.74	491.19			
2/16/99 2:30	1018.00	30.06	0.647	99.30	210.74	493.33	491.28		
2/16/99 2:45	1017.88	30.06	0.639	99.04	210.27	490.32			
2/16/99 3:00	1017.75	30.05	0.636	99.56	211.21	489.47			
2/16/99 3:15	1017.63	30.05	0.643	99.04	210.27	491.80			
2/16/99 3:30	1017.50	30.05	0.638	99.30	210.74	489.88	491.10		
2/16/99 3:45	1017.50	30.05	0.646	99.30	210.74	492.96			
2/16/99 4:00	1017.38	30.04	0.642	99.04	210.27	491.40			
2/16/99 4:15	1017.25	30.04	0.635	100.09	212.15	489.47			
2/16/99 4:30	1017.13	30.04	0.641	99.56	211.21	491.54	490.91		
2/16/99 4:45	1017.00	30.03	0.641	99.04	210.27	490.99			
2/16/99 5:00	1017.00	30.03	0.641	99.30	210.74	491.17			
2/16/99 5:15	1017.00	30.03	0.649	98.78	209.80	494.18			
2/16/99 5:30	1017.00	30.03	0.640	99.04	210.27	490.76	491.16		
2/16/99 5:45	1016.88	30.03	0.643	98.78	209.80	491.81			
2/16/99 6:00	1016.75	30.02	0.632	99.30	210.74	487.88			
2/16/99 6:15	1016.50	30.02	0.634	99.56	211.21	489.08			
2/16/99 6:30	1016.38	30.01	0.644	98.78	209.80	492.43	490.28		
2/16/99 6:45	1016.25	30.01	0.646	98.52	209.33	492.97			
2/16/99 7:00	1016.25	30.01	0.635	99.04	210.27	489.02			
2/16/99 7:15	1016.38	30.01	0.629	100.09	212.15	487.24			
2/16/99 7:30	1016.38	30.01	0.634	100.09	212.15	489.45	492.93		
2/16/99 7:45	1016.38	30.01	0.678	97.21	206.98	503.85			
2/16/99 8:00	1016.50	30.02	0.654	97.47	207.45	495.10			
2/16/99 8:15	1016.50	30.02	0.643	98.78	209.80	491.67			
2/16/99 8:30	1016.50	30.02	0.631	100.35	212.62	488.12	491.38		
2/16/99 8:45	1016.38	30.01	0.631	101.39	214.51	488.83			
2/16/99 9:00	1016.25	30.01	0.643	100.61	213.09	493.17			
2/16/99 9:15	1016.25	30.01	0.646	100.35	212.62	493.95			
2/16/99 9:30	1016.13	30.01	0.653	100.35	212.62	496.84	497.03		
2/16/99 9:45	1016.00	30.00	0.653	100.87	213.56	496.99			
2/16/99 10:00	1015.75	30.00	0.676	96.52	209.33	504.19			
2/16/99 10:15	1015.63	29.99	0.674	99.04	210.27	503.88			
2/16/99 10:30	1015.50	29.99	0.688	98.00	208.39	508.31	503.22		
2/16/99 10:45	1015.50	29.99	0.660	101.13	214.04	500.14			
2/16/99 11:00	1015.38	29.98	0.658	101.39	214.51	499.62			
2/16/99 11:15	1015.25	29.98	0.654	102.18	215.92	498.77			
2/16/99 11:30	1015.13	29.98	0.654	102.44	216.39	498.97	499.27		
2/16/99 11:45	1014.88	29.97	0.654	102.44	216.39	498.81			
2/16/99 12:00	1014.88	29.97	0.657	102.70	216.86	500.16			
2/16/99 12:15	1014.88	29.97	0.657	102.96	217.33	500.34			
2/16/99 12:30	1014.50	29.96	0.653	103.48	218.27	499.32	499.59		
2/16/99 12:45	1014.00	29.94	0.651	104.00	219.21	498.84			
2/16/99 13:00	1013.63	29.93	0.651	104.53	220.15	499.27			
2/16/99 13:15	1013.25	29.92	0.657	104.53	220.15	501.78			
2/16/99 13:30	1012.88	29.91	0.654	104.53	220.15	500.69	500.85		
2/16/99 13:45	1012.63	29.90	0.654	104.53	220.15	500.96			
2/16/99 14:00	1012.50	29.90	0.654	105.31	221.56	501.53			
2/16/99 14:15	1012.25	29.89	0.652	104.53	220.15	500.11			
2/16/99 14:30	1012.25	29.89	0.654	104.53	220.15	500.84	501.30		
2/16/99 14:45	1012.00	29.88	0.656	104.79	220.62	501.76			
2/16/99 15:00	1011.63	29.87	0.658	104.27	219.68	502.24			
2/16/99 15:15	1011.13	29.86	0.653	104.00	219.21	500.50			
2/16/99 15:30	1010.63	29.84	0.653	105.31	221.56	501.26	501.38		
2/16/99 15:45	1010.75	29.85	0.653	105.31	221.56	501.46			
2/16/99 16:00	1010.63	29.84	0.654	104.79	220.62	501.42			
2/16/99 16:15	1010.63	29.84	0.654	103.74	218.74	500.95			
2/16/99 16:30	1010.63	29.84	0.654	104.27	219.68	501.30	501.01		
2/16/99 16:45	1010.75	29.85	0.653	104.53	220.15	500.71			
2/16/99 17:00	1010.88	29.85	0.653	104.53	220.15	500.68			
2/16/99 17:15	1010.88	29.85	0.652	104.27	219.68	500.28			
2/16/99 17:30	1011.13	29.86	0.657	104.00	219.21	501.96	501.06		
2/16/99 17:45	1011.25	29.86	0.656	103.48	218.27	501.31			
2/16/99 18:00	1011.25	29.86	0.656	103.48	218.27	501.06			
2/16/99 18:15	1011.50	29.87	0.651	103.48	218.27	499.34			
2/16/99 18:30	1011.50	29.87	0.650	102.96	217.33	498.53	499.50		
2/16/99 18:45	1011.75	29.88	0.651	102.70	216.86	498.76			
2/16/99 19:00	1011.75	29.88	0.654	102.44	216.39	499.81			
2/16/99 19:15	1011.75	29.88	0.655	101.91	215.45	499.89			
2/16/99 19:30	1011.88	29.88	0.653	102.44	216.39	499.05	498.93		
2/16/99 19:45	1012.00	29.88	0.652	102.44	216.39	498.79			
2/16/99 20:00	1012.00	29.88	0.648	102.44	216.39	497.33			
2/16/99 20:15	1012.00	29.88	0.652	102.18	215.92	498.61			
2/16/99 20:30	1012.00	29.88	0.653	102.18	215.92	499.07	498.34		
2/16/99 20:45	1012.00	29.88	0.652	102.18	215.92	498.61			
2/16/99 21:00	1012.00	29.88	0.650	102.44	216.39	498.06			
2/16/99 21:15	1012.13	29.89	0.646	102.70	216.86	496.74			
2/16/99 21:30	1012.38	29.90	0.650	102.44	216.39	497.97	497.78		
2/16/99 21:45	1012.38	29.90	0.653	101.91	215.45	498.58			
2/16/99 22:00	1012.63	29.90	0.651	101.39	214.51	497.44			
2/16/99 22:15	1012.75	29.91	0.652	101.13	214.04	497.74			
2/16/99 22:30	1012.75	29.91	0.649	101.13	214.04	496.51	497.06		
2/16/99 22:45	1012.88	29.91	0.648	101.13	214.04	496.25			
2/16/99 23:00	1012.88	29.91	0.652	100.61	213.09	497.36			
2/16/99 23:15	1012.75	29.91	0.652	100.35	212.62	497.21			
2/16/99 23:30	1012.88	29.91	0.653	100.35	212.62	497.64	496.87		
2/16/99 23:45	1013.00	29.91	0.649	100.35	212.62	496.20			
2/17/99 0:00	1013.00	29.91	0.649	100.35	212.62	495.93			
2/17/99 0:15	1013.25	29.92	0.649	100.09	212.15	495.70			
2/17/99 0:30	1013.38	29.92	0.651	99.56	211.21	496.27	495.92		
2/17/99 0:45	1013.50	29.93	0.652	99.30	210.74	496.33			
2/17/99 1:00	1013.63	29.93	0.649	99.30	210.74	495.35			
2/17/99 1:15	1013.63	29.93	0.646	99.30	210.74	493.90			
2/17/99 1:30	1013.75	29.94	0.649	99.30	210.74	495.32	494.90		
2/17/99 1:45	1013.75	29.94	0.649	99.04	210.27	495.15			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/17/99 2:00	1013.88	29.94	0.649	98.52	209.33	494.77			
2/17/99 2:15	1014.00	29.94	0.653	98.52	209.33	498.15			
2/17/99 2:30	1014.13	29.95	0.646	98.52	209.33	494.21	494.69		
2/17/99 2:45	1014.00	29.94	0.650	98.78	209.80	495.14			
2/17/99 3:00	1014.00	29.94	0.646	98.78	209.80	494.19			
2/17/99 3:15	1013.75	29.94	0.651	98.52	209.33	495.49			
2/17/99 3:30	1014.00	29.94	0.654	98.26	208.88	496.47	495.24		
2/17/99 3:45	1014.13	29.95	0.651	98.52	209.33	495.17			
2/17/99 4:00	1014.25	29.95	0.650	98.52	209.33	494.91			
2/17/99 4:15	1014.25	29.95	0.647	98.52	209.33	493.72			
2/17/99 4:30	1014.38	29.95	0.650	98.52	209.33	494.88	494.90		
2/17/99 4:45	1014.38	29.95	0.653	97.73	207.92	495.53			
2/17/99 5:00	1014.83	29.96	0.653	97.73	207.92	495.47			
2/17/99 5:15	1014.75	29.97	0.650	97.73	207.92	494.26			
2/17/99 5:30	1015.13	29.98	0.651	97.73	207.92	494.63	494.49		
2/17/99 5:45	1015.25	29.98	0.649	97.73	207.92	493.65			
2/17/99 6:00	1015.25	29.98	0.651	97.47	207.45	494.42			
2/17/99 6:15	1015.25	29.98	0.653	97.21	206.98	494.74			
2/17/99 6:30	1015.50	29.99	0.654	98.26	208.88	495.87	495.02		
2/17/99 6:45	1015.75	30.00	0.651	98.00	208.39	494.65			
2/17/99 7:00	1015.88	30.00	0.652	98.78	209.80	495.41			
2/17/99 7:15	1016.00	30.00	0.650	97.73	207.92	493.96			
2/17/99 7:30	1016.00	30.00	0.671	97.21	206.98	501.37	497.58		
2/17/99 7:45	1016.00	30.00	0.676	96.69	206.04	503.11			
2/17/99 8:00	1016.13	30.01	0.649	98.26	208.88	494.05			
2/17/99 8:15	1016.13	30.01	0.647	98.78	209.80	493.44			
2/17/99 8:30	1016.13	30.01	0.641	99.82	211.68	491.72	493.55		
2/17/99 8:45	1016.13	30.01	0.649	99.04	210.27	494.30			
2/17/99 9:00	1016.25	30.01	0.650	98.26	208.88	494.25			
2/17/99 9:15	1016.25	30.01	0.651	98.52	209.33	494.65			
2/17/99 9:30	1016.25	30.01	0.665	98.00	208.39	499.74	493.20		
2/17/99 9:45	1016.25	30.01	0.634	98.78	209.80	488.82			
2/17/99 10:00	1016.38	30.01	0.634	99.04	210.27	488.76			
2/17/99 10:15	1016.25	30.01	0.638	99.04	210.27	490.22			
2/17/99 10:30	1016.25	30.01	0.638	98.78	209.80	489.81	489.92		
2/17/99 10:45	1016.25	30.01	0.639	98.78	209.80	490.27			
2/17/99 11:00	1016.25	30.01	0.639	98.78	209.80	490.54			
2/17/99 11:15	1016.50	30.02	0.640	98.78	209.80	490.71			
2/17/99 11:30	1016.63	30.02	0.639	98.78	209.80	490.45	490.91		
2/17/99 11:45	1016.38	30.01	0.641	99.04	210.27	491.15			
2/17/99 12:00	1016.25	30.01	0.642	99.04	210.27	491.67			
2/17/99 12:15	1016.00	30.00	0.639	99.04	210.27	490.51			
2/17/99 12:30	1015.88	30.00	0.639	99.04	210.27	490.54	491.11		
2/17/99 12:45	1015.75	30.00	0.641	99.04	210.27	491.53			
2/17/99 13:00	1015.63	29.99	0.641	99.04	210.27	491.33			
2/17/99 13:15	1015.38	29.98	0.644	99.04	210.27	492.84			
2/17/99 13:30	1015.38	29.98	0.642	99.04	210.27	491.89	492.03		
2/17/99 13:45	1015.63	29.99	0.642	99.04	210.27	491.83			
2/17/99 14:00	1015.63	29.99	0.643	99.04	210.27	492.26			
2/17/99 14:15	1015.50	29.99	0.644	99.04	210.27	492.54			
2/17/99 14:30	1015.50	29.99	0.643	98.78	209.80	491.91	492.43		
2/17/99 14:45	1015.50	29.99	0.646	98.52	209.33	493.15			
2/17/99 15:00	1015.38	29.98	0.644	98.52	209.33	492.23			
2/17/99 15:15	1015.50	29.99	0.644	98.52	209.33	492.47			
2/17/99 15:30	1015.25	29.98	0.646	98.52	209.33	492.99	493.00		
2/17/99 15:45	1015.00	29.97	0.648	98.52	209.33	494.00			
2/17/99 16:00	1014.88	29.97	0.646	98.52	209.33	493.31			
2/17/99 16:15	1015.13	29.98	0.663	98.52	209.33	499.43			
2/17/99 16:30	1015.13	29.98	0.717	92.25	198.04	515.13	503.87		
2/17/99 16:45	1014.88	29.97	0.688	94.08	201.34	506.00			
2/17/99 17:00	1015.00	29.97	0.683	94.60	202.28	504.48			
2/17/99 17:15	1015.00	29.97	0.679	94.86	202.75	503.03			
2/17/99 17:30	1015.13	29.98	0.676	95.12	203.22	502.03	502.69		
2/17/99 17:45	1015.13	29.98	0.674	95.12	203.22	501.59			
2/17/99 18:00	1015.13	29.98	0.677	94.86	202.75	502.34			
2/17/99 18:15	1015.38	29.98	0.678	95.90	204.63	503.43			
2/17/99 18:30	1015.25	29.98	0.678	95.38	203.69	503.11	502.02		
2/17/99 18:45	1015.38	29.98	0.673	95.38	203.69	501.22			
2/17/99 19:00	1015.38	29.98	0.669	95.64	204.16	500.02			
2/17/99 19:15	1015.38	29.98	0.671	96.69	206.04	501.17			
2/17/99 19:30	1015.25	29.96	0.671	96.69	206.04	501.43	501.62		
2/17/99 19:45	1015.25	29.96	0.678	95.64	204.16	503.29			
2/17/99 20:00	1015.38	29.98	0.676	95.12	203.22	502.19			
2/17/99 20:15	1015.63	29.99	0.676	94.60	202.28	502.48			
2/17/99 20:30	1015.63	29.99	0.675	94.86	202.75	501.51	502.07		
2/17/99 20:45	1015.75	30.00	0.674	96.69	206.04	502.24			
2/17/99 21:00	1015.88	30.00	0.673	96.95	206.51	501.94			
2/17/99 21:15	1016.00	30.00	0.673	96.69	206.04	501.95			
2/17/99 21:30	1016.13	30.01	0.679	96.43	205.57	503.63	502.47		
2/17/99 21:45	1016.00	30.00	0.677	95.64	204.16	502.85			
2/17/99 22:00	1016.13	30.01	0.676	95.12	203.22	502.01			
2/17/99 22:15	1016.25	30.01	0.673	95.12	203.22	500.60			
2/17/99 22:30	1016.25	30.01	0.671	95.12	203.22	500.12	501.09		
2/17/99 22:45	1016.25	30.01	0.674	95.90	204.63	501.58			
2/17/99 23:00	1016.13	30.01	0.673	95.90	204.63	501.16			
2/17/99 23:15	1016.00	30.00	0.679	95.64	204.16	503.32			
2/17/99 23:30	1015.88	30.00	0.682	96.43	205.57	505.07	503.03		
2/17/99 23:45	1015.75	30.00	0.679	96.17	205.10	503.74			
2/18/99 0:00	1015.63	29.99	0.673	96.43	205.57	501.87			
2/18/99 0:15	1015.75	30.00	0.673	96.43	205.57	501.61			
2/18/99 0:30	1015.88	30.00	0.673	96.69	206.04	501.76	502.15		
2/18/99 0:45	1015.88	30.00	0.674	96.43	205.57	502.03			
2/18/99 1:00	1016.00	30.00	0.679	95.90	204.63	503.50			
2/18/99 1:15	1016.00	30.00	0.678	95.64	204.16	503.10			
2/18/99 1:30	1016.00	30.00	0.676	94.60	202.28	501.46	501.80		
2/18/99 1:45	1016.00	30.00	0.671	95.38	203.69	500.13			
2/18/99 2:00	1015.88	30.00	0.672	95.64	204.16	500.63			
2/18/99 2:15	1015.75	30.00	0.669	94.86	202.75	499.39			
2/18/99 2:30	1015.63	29.99	0.671	95.12	203.22	500.05	501.09		
2/18/99 2:45	1015.50	29.99	0.676	95.38	203.69	503.05			
2/18/99 3:00	1015.50	29.99	0.678	94.08	201.34	502.15			
2/18/99 3:15	1015.50	29.99	0.672	94.06	201.34	499.85			
2/18/99 3:30	1015.38	29.98	0.669	94.08	201.34	498.95	500.46		
2/18/99 3:45	1015.50	29.99	0.671	96.43	205.57	500.96			
2/18/99 4:00	1015.63	29.99	0.672	94.86	202.75	500.35			
2/18/99 4:15	1015.75	30.00	0.673	93.81	200.87	500.06			
2/18/99 4:30	1016.00	30.00	0.676	94.34	201.81	501.28	501.29		
2/18/99 4:45	1016.00	30.00	0.679	96.17	205.10	503.66			
2/18/99 5:00	1016.13	30.01	0.674	95.12	203.22	501.08			
2/18/99 5:15	1016.25	30.01	0.671	94.08	201.34	499.18			
2/18/99 5:30	1016.38	30.01	0.673	96.69	206.04	501.86	501.10		
2/18/99 5:45	1016.13	30.01	0.675	96.43	205.57	502.45			
2/18/99 6:00	1016.25	30.01	0.674	94.60	202.28	500.95			
2/18/99 6:15	1016.50	30.02	0.679	94.86	202.75	502.86			
2/18/99 6:30	1016.50	30.02	0.678	95.90	204.63	502.93	501.26		
2/18/99 6:45	1016.50	30.02	0.674	94.60	202.28	500.63			
2/18/99 7:00	1016.50	30.02	0.671	94.08	201.34	499.12			
2/18/99 7:15	1016.38	30.01	0.669	94.08	201.34	498.71			
2/18/99 7:30	1016.38	30.01	0.674	93.55	200.40	499.95	499.68		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/18/99 7:45	1016.83	30.02	0.674	93.29	199.93	499.97			
2/18/99 8:00	1016.66	30.03	0.677	93.03	199.45	500.66			
2/18/99 8:15	1017.00	30.03	0.677	93.03	199.45	500.63			
2/18/99 8:30	1016.66	30.03	0.673	93.29	199.93	499.43	499.45		
2/18/99 8:45	1017.13	30.04	0.671	93.29	199.93	496.66			
2/18/99 9:00	1017.25	30.04	0.669	93.55	200.40	497.68			
2/18/99 9:15	1017.50	30.05	0.673	93.29	199.93	499.05			
2/18/99 9:30	1017.75	30.05	0.678	93.03	199.45	500.66	499.70		
2/18/99 9:45	1017.63	30.05	0.676	93.03	199.45	500.69			
2/18/99 10:00	1017.63	30.05	0.676	93.03	199.45	500.21			
2/18/99 10:15	1017.63	30.05	0.674	93.55	200.40	499.64			
2/18/99 10:30	1017.50	30.05	0.673	93.81	200.87	499.41	499.60		
2/18/99 10:45	1017.38	30.04	0.671	94.08	201.34	498.91			
2/18/99 11:00	1017.38	30.04	0.673	94.08	201.34	499.84			
2/18/99 11:15	1017.38	30.04	0.677	93.81	200.87	501.07			
2/18/99 11:30	1017.50	30.05	0.676	93.55	200.40	501.06	500.63		
2/18/99 11:45	1017.50	30.05	0.677	93.81	200.87	501.04			
2/18/99 12:00	1017.38	30.04	0.674	93.81	200.87	500.14			
2/18/99 12:15	1017.25	30.04	0.670	94.08	201.34	498.72			
2/18/99 12:30	1017.13	30.04	0.673	94.34	201.81	499.85	499.93		
2/18/99 12:45	1017.00	30.03	0.673	94.60	202.28	500.06			
2/18/99 13:00	1016.75	30.02	0.675	94.34	201.81	500.67			
2/18/99 13:15	1016.63	30.02	0.678	94.34	201.61	501.63			
2/18/99 13:30	1016.63	30.02	0.678	94.34	201.81	501.83	501.23		
2/18/99 13:45	1016.25	30.01	0.676	94.60	202.28	501.40			
2/18/99 14:00	1015.88	30.00	0.671	95.12	203.22	500.21			
2/18/99 14:15	1015.75	30.00	0.671	95.38	203.69	500.42			
2/18/99 14:30	1015.63	29.99	0.673	95.64	204.16	501.33	501.04		
2/18/99 14:45	1015.63	29.99	0.674	95.38	203.69	501.38			
2/18/99 15:00	1015.63	29.99	0.675	95.38	203.69	501.66			
2/18/99 15:15	1015.36	29.98	0.678	95.64	204.16	503.25			
2/18/99 15:30	1015.50	29.99	0.679	95.38	203.69	503.27	502.37		
2/18/99 15:45	1015.50	29.99	0.674	95.38	203.69	501.41			
2/18/99 16:00	1015.63	29.99	0.675	95.64	204.16	502.04			
2/18/99 16:15	1015.75	30.00	0.673	95.64	204.16	501.08			
2/18/99 16:30	1015.75	30.00	0.671	95.64	204.16	500.60	501.54		
2/18/99 16:45	1015.88	30.00	0.676	95.12	203.22	501.85			
2/18/99 17:00	1016.13	30.01	0.678	94.60	202.28	502.13			
2/18/99 17:15	1016.25	30.01	0.679	94.60	202.28	502.55			
2/18/99 17:30	1016.38	30.01	0.676	94.60	202.28	501.59	501.44		
2/18/99 17:45	1016.50	30.02	0.674	94.86	202.75	501.07			
2/18/99 18:00	1016.50	30.02	0.671	94.86	202.75	499.88			
2/18/99 18:15	1016.63	30.02	0.671	94.60	202.28	499.87			
2/18/99 18:30	1016.63	30.02	0.674	94.60	202.28	500.60	500.65		
2/18/99 18:45	1016.50	30.02	0.678	94.08	201.34	501.91			
2/18/99 19:00	1016.63	30.02	0.676	94.08	201.34	501.17			
2/18/99 19:15	1016.63	30.02	0.676	94.08	201.34	501.17			
2/18/99 19:30	1016.50	30.02	0.674	94.08	201.34	500.28	500.26		
2/18/99 19:45	1016.50	30.02	0.672	94.08	201.34	499.61			
2/18/99 20:00	1016.50	30.02	0.670	94.34	201.81	499.08			
2/18/99 20:15	1016.38	30.01	0.673	94.34	201.81	500.26			
2/18/99 20:30	1016.50	30.02	0.674	93.81	200.87	500.36	500.52		
2/18/99 20:45	1016.50	30.02	0.678	93.55	200.40	501.33			
2/18/99 21:00	1016.50	30.02	0.679	93.29	199.93	501.59			
2/18/99 21:15	1016.50	30.02	0.674	93.55	200.40	499.92			
2/18/99 21:30	1016.50	30.02	0.675	96.43	205.57	502.36	501.14		
2/18/99 21:45	1016.38	30.01	0.671	96.43	205.57	500.75			
2/18/99 22:00	1016.25	30.01	0.672	96.17	205.10	501.09			
2/18/99 22:15	1016.25	30.01	0.674	95.38	203.69	501.23			
2/18/99 22:30	1016.25	30.01	0.680	95.64	204.16	503.74	502.28		
2/18/99 22:45	1016.25	30.01	0.678	95.12	203.22	502.46			
2/18/99 23:00	1016.13	30.01	0.678	95.38	203.69	502.89			
2/18/99 23:15	1016.00	30.00	0.676	95.38	203.69	501.99			
2/18/99 23:30	1016.00	30.00	0.674	96.17	205.10	501.82	501.79		
2/18/99 23:45	1016.00	30.00	0.673	96.43	205.57	501.55			
2/19/99 0:00	1015.88	30.00	0.673	95.12	203.22	500.69			
2/19/99 0:15	1015.88	30.00	0.674	95.38	203.69	501.32			
2/19/99 0:30	1015.63	29.99	0.678	96.17	205.10	503.55	501.54		
2/19/99 0:45	1015.25	29.98	0.676	94.60	202.28	502.57			
2/19/99 1:00	1015.13	29.98	0.672	93.55	200.40	499.59			
2/19/99 1:15	1015.25	29.98	0.670	93.29	199.93	498.67			
2/19/99 1:30	1015.38	29.98	0.671	94.86	202.75	499.93	499.69		
2/19/99 1:45	1015.25	29.98	0.672	95.38	203.69	500.80			
2/19/99 2:00	1015.25	29.98	0.671	93.81	200.87	499.48			
2/19/99 2:15	1015.38	29.98	0.673	93.03	199.45	499.62			
2/19/99 2:30	1015.38	29.98	0.679	95.64	204.16	503.74	501.68		
2/19/99 2:45	1015.38	29.98	0.678	96.17	205.10	503.39			
2/19/99 3:00	1015.25	29.98	0.676	95.36	203.69	502.16			
2/19/99 3:15	1015.13	29.98	0.671	94.34	201.81	499.86			
2/19/99 3:30	1015.25	29.98	0.673	95.64	204.16	501.43	500.61		
2/19/99 3:45	1015.25	29.98	0.672	95.64	204.16	500.98			
2/19/99 4:00	1015.13	29.98	0.672	93.55	200.40	499.59			
2/19/99 4:15	1015.13	29.96	0.674	92.77	198.98	499.72			
2/19/99 4:30	1015.13	29.98	0.676	92.77	198.98	500.65	501.14		
2/19/99 4:45	1015.13	29.98	0.678	96.43	205.57	503.65			
2/19/99 5:00	1015.25	29.98	0.674	95.64	204.16	501.91			
2/19/99 5:15	1015.38	29.98	0.673	96.17	205.10	501.53			
2/19/99 5:30	1015.63	29.99	0.673	96.17	205.10	501.69	501.72		
2/19/99 5:45	1015.75	30.00	0.671	96.43	205.57	500.90			
2/19/99 6:00	1015.75	30.00	0.676	96.17	205.10	502.59			
2/19/99 6:15	1015.63	29.99	0.678	95.36	203.69	503.01			
2/19/99 6:30	1015.75	30.00	0.678	95.38	203.69	502.98	502.63		
2/19/99 6:45	1015.75	30.00	0.679	95.64	204.16	503.36			
2/19/99 7:00	1015.88	30.00	0.675	95.90	204.63	502.16			
2/19/99 7:15	1016.00	30.00	0.669	95.12	203.22	499.51			
2/19/99 7:30	1016.13	30.01	0.673	96.43	205.57	501.74	501.36		
2/19/99 7:45	1016.36	30.01	0.671	95.36	203.69	500.26			
2/19/99 8:00	1016.38	30.01	0.678	96.17	205.10	503.14			
2/19/99 8:15	1016.50	30.02	0.679	96.17	205.10	503.81			
2/19/99 8:30	1016.63	30.02	0.678	95.64	204.16	502.72	502.52		
2/19/99 8:45	1016.75	30.02	0.677	95.90	204.63	502.65			
2/19/99 9:00	1016.75	30.02	0.673	94.86	202.75	500.30			
2/19/99 9:15	1016.75	30.02	0.673	96.43	205.57	501.36			
2/19/99 9:30	1016.63	30.02	0.672	95.90	204.63	500.62	501.05		
2/19/99 9:45	1016.63	30.02	0.671	95.38	203.69	500.20			
2/19/99 10:00	1016.63	30.02	0.678	95.36	203.69	502.54			
2/19/99 10:15	1016.63	30.02	0.678	94.60	202.28	502.23			
2/19/99 10:30	1016.63	30.02	0.679	94.08	201.34	502.10	501.57		
2/19/99 10:45	1016.63	30.02	0.676	94.08	201.34	500.95			
2/19/99 11:00	1016.63	30.02	0.673	94.08	201.34	500.02			
2/19/99 11:15	1016.50	30.02	0.674	94.08	201.34	500.54			
2/19/99 11:30	1016.38	30.01	0.671	94.34	201.81	499.55	500.08		
2/19/99 11:45	1016.13	30.01	0.669	94.34	201.81	496.66			
2/19/99 12:00	1016.00	30.00	0.675	95.12	203.22	501.59			
2/19/99 12:15	1015.88	30.00	0.676	95.38	203.69	502.02			
2/19/99 12:30	1015.75	30.00	0.679	94.86	202.75	503.11	502.15		
2/19/99 12:45	1015.75	30.00	0.680	94.86	202.75	503.33			
2/19/99 13:00	1015.75	30.00	0.672	95.38	203.69	500.68			
2/19/99 13:15	1015.75	30.00	0.674	95.64	204.16	501.79			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/19/99 13:30	1015.75	30.00	0.673	95.90	204.63	501.48	501.23		
2/19/99 13:45	1015.75	30.00	0.669	96.17	205.10	500.28			
2/19/99 14:00	1015.63	29.99	0.674	96.17	205.10	501.91			
2/19/99 14:15	1015.50	29.99	0.676	95.90	204.63	502.70			
2/19/99 14:30	1015.38	29.98	0.679	95.90	204.63	503.92	502.99		
2/19/99 14:45	1015.25	29.98	0.676	95.90	204.63	503.48			
2/19/99 15:00	1015.13	29.98	0.676	96.17	205.10	502.97			
2/19/99 15:15	1015.25	29.98	0.674	96.43	205.57	502.18			
2/19/99 15:30	1015.25	29.98	0.673	96.69	206.04	501.91	502.34		
2/19/99 15:45	1015.38	29.98	0.673	96.69	206.04	502.11			
2/19/99 16:00	1015.63	29.99	0.674	96.69	206.04	502.53			
2/19/99 16:15	1015.88	30.00	0.676	95.90	204.63	503.31			
2/19/99 16:30	1016.13	30.01	0.679	95.38	203.69	503.37	502.92		
2/19/99 16:45	1016.25	30.01	0.679	95.12	203.22	502.90			
2/19/99 17:00	1016.50	30.02	0.679	94.60	202.28	502.49			
2/19/99 17:15	1016.88	30.03	0.676	94.60	202.28	501.24			
2/19/99 17:30	1017.00	30.03	0.675	94.60	202.28	500.99	500.85		
2/19/99 17:45	1017.13	30.04	0.673	94.60	202.28	500.25			
2/19/99 18:00	1017.38	30.04	0.671	94.60	202.28	499.26			
2/19/99 18:15	1017.63	30.05	0.675	94.08	201.34	500.48			
2/19/99 18:30	1017.75	30.05	0.678	95.12	203.22	502.09	500.98		
2/19/99 18:45	1017.75	30.05	0.678	94.60	202.28	501.95			
2/19/99 19:00	1018.00	30.06	0.678	93.81	200.87	501.14			
2/19/99 19:15	1018.00	30.06	0.674	93.29	199.93	499.63			
2/19/99 19:30	1018.13	30.07	0.673	94.86	202.75	500.19	500.63		
2/19/99 19:45	1018.13	30.07	0.678	96.17	205.10	502.71			
2/19/99 20:00	1018.13	30.07	0.671	94.86	202.75	499.48			
2/19/99 20:15	1018.25	30.07	0.674	94.08	201.34	500.10			
2/19/99 20:30	1018.63	30.08	0.681	93.81	200.87	502.13	501.22		
2/19/99 20:45	1018.75	30.08	0.680	95.38	203.69	502.95			
2/19/99 21:00	1018.88	30.09	0.679	93.55	200.40	501.44			
2/19/99 21:15	1019.13	30.09	0.676	95.12	203.22	501.97			
2/19/99 21:30	1019.13	30.09	0.677	96.17	205.10	502.24	501.73		
2/19/99 21:45	1019.13	30.09	0.675	95.64	204.16	501.18			
2/19/99 22:00	1019.00	30.09	0.676	95.90	204.63	501.83			
2/19/99 22:15	1019.00	30.09	0.674	96.17	205.10	501.34			
2/19/99 22:30	1019.00	30.09	0.679	95.64	204.16	502.84	502.09		
2/19/99 22:45	1019.13	30.09	0.677	95.38	203.69	501.71			
2/19/99 23:00	1019.25	30.10	0.681	94.60	202.28	502.73			
2/19/99 23:15	1019.38	30.10	0.681	95.38	203.69	503.23			
2/19/99 23:30	1019.50	30.11	0.679	95.64	204.16	502.46	502.41		
2/19/99 23:45	1019.63	30.11	0.679	95.64	204.16	502.43			
2/20/99 0:00	1019.75	30.11	0.675	95.90	204.63	501.20			
2/20/99 0:15	1019.75	30.11	0.677	96.17	205.10	502.08			
2/20/99 0:30	1019.63	30.11	0.679	95.90	204.63	502.60	502.20		
2/20/99 0:45	1019.75	30.11	0.679	95.12	203.22	502.30			
2/20/99 1:00	1019.88	30.12	0.682	94.60	202.28	502.63			
2/20/99 1:15	1019.75	30.11	0.679	93.29	199.93	501.05			
2/20/99 1:30	1019.75	30.11	0.677	93.55	200.40	500.31	501.43		
2/20/99 1:45	1019.75	30.11	0.676	95.90	204.63	501.42			
2/20/99 2:00	1019.50	30.11	0.676	95.64	204.16	501.53			
2/20/99 2:15	1019.63	30.11	0.675	94.34	201.81	500.17			
2/20/99 2:30	1019.63	30.11	0.675	93.03	199.45	499.28	500.17		
2/20/99 2:45	1019.38	30.10	0.675	91.99	197.57	498.63			
2/20/99 3:00	1019.38	30.10	0.679	93.81	200.87	501.24			
2/20/99 3:15	1019.50	30.11	0.683	95.12	203.22	503.51			
2/20/99 3:30	1019.38	30.10	0.683	95.12	203.22	503.54	501.65		
2/20/99 3:45	1019.63	30.11	0.676	95.64	204.16	501.28			
2/20/99 4:00	1019.75	30.11	0.673	93.55	200.40	498.68			
2/20/99 4:15	1019.75	30.11	0.674	94.86	202.75	500.27			
2/20/99 4:30	1019.88	30.12	0.673	93.55	200.40	498.65	500.11		
2/20/99 4:45	1020.00	30.12	0.678	95.64	204.16	502.11			
2/20/99 5:00	1020.00	30.12	0.678	93.81	200.87	500.87			
2/20/99 5:15	1020.25	30.13	0.679	92.51	198.51	500.13			
2/20/99 5:30	1020.38	30.13	0.677	91.99	197.57	499.08	499.14		
2/20/99 5:45	1020.63	30.14	0.676	91.99	197.57	498.54			
2/20/99 6:00	1021.00	30.15	0.672	91.99	197.57	497.08			
2/20/99 6:15	1021.13	30.15	0.671	91.99	197.57	496.79			
2/20/99 6:30	1021.13	30.15	0.674	92.25	198.04	498.16	497.98		
2/20/99 6:45	1021.25	30.16	0.677	92.25	198.04	499.05			
2/20/99 7:00	1021.38	30.16	0.677	91.99	197.57	498.84			
2/20/99 7:15	1021.50	30.16	0.678	91.99	197.57	499.03			
2/20/99 7:30	1021.75	30.17	0.678	91.46	196.63	498.63	498.87		
2/20/99 7:45	1021.75	30.17	0.679	91.20	196.16	498.67			
2/20/99 8:00	1021.88	30.18	0.678	91.72	197.10	498.76			
2/20/99 8:15	1021.88	30.18	0.674	91.72	197.10	497.62			
2/20/99 8:30	1022.00	30.18	0.674	91.99	197.57	497.51	498.18		
2/20/99 8:45	1021.88	30.18	0.676	91.99	197.57	498.24			
2/20/99 9:00	1021.88	30.18	0.678	91.72	197.10	498.76			
2/20/99 9:15	1022.00	30.18	0.680	91.46	196.63	499.47			
2/20/99 9:30	1022.00	30.16	0.682	91.46	196.63	500.17	499.69		
2/20/99 9:45	1022.00	30.18	0.682	91.20	196.18	499.99			
2/20/99 10:00	1022.00	30.18	0.681	91.99	197.57	500.05			
2/20/99 10:15	1022.13	30.18	0.678	92.25	198.04	499.05			
2/20/99 10:30	1022.00	30.18	0.676	92.51	198.51	498.78	499.57		
2/20/99 10:45	1021.88	30.18	0.679	92.77	198.98	499.91			
2/20/99 11:00	1021.88	30.16	0.676	93.29	199.93	500.05			
2/20/99 11:15	1021.86	30.16	0.682	93.03	199.45	501.27			
2/20/99 11:30	1021.88	30.18	0.683	93.03	199.45	501.49	501.48		
2/20/99 11:45	1021.88	30.18	0.686	93.03	199.45	502.63			
2/20/99 12:00	1022.00	30.18	0.684	92.77	198.98	501.96			
2/20/99 12:15	1022.00	30.18	0.679	93.29	199.93	500.50			
2/20/99 12:30	1021.88	30.18	0.682	94.08	201.34	501.99	502.52		
2/20/99 12:45	1021.75	30.17	0.705	91.99	197.57	508.99			
2/20/99 13:00	1021.75	30.17	0.674	94.34	201.61	499.17			
2/20/99 13:15	1021.75	30.17	0.677	94.08	201.34	500.17			
2/20/99 13:30	1021.50	30.16	0.684	94.34	201.81	502.92	501.39		
2/20/99 13:45	1021.38	30.16	0.683	94.60	202.28	502.69			
2/20/99 14:00	1021.25	30.16	0.681	94.60	202.28	502.02			
2/20/99 14:15	1021.38	30.18	0.678	94.60	202.28	500.84			
2/20/99 14:30	1021.50	30.16	0.678	94.60	202.28	500.81	500.86		
2/20/99 14:45	1021.63	30.17	0.678	94.60	202.28	500.78			
2/20/99 15:00	1021.75	30.17	0.676	94.34	201.81	499.87			
2/20/99 15:15	1021.88	30.18	0.681	94.08	201.34	501.73			
2/20/99 15:30	1022.00	30.18	0.681	93.29	199.93	500.94	500.94		
2/20/99 15:45	1022.13	30.18	0.683	93.03	199.45	501.43			
2/20/99 16:00	1022.25	30.19	0.681	92.77	198.98	500.74			
2/20/99 16:15	1022.38	30.19	0.678	93.29	199.93	499.71			
2/20/99 16:30	1022.50	30.19	0.677	93.03	199.45	499.28	499.85		
2/20/99 16:45	1022.63	30.20	0.679	92.77	198.98	499.73			
2/20/99 17:00	1022.63	30.20	0.678	92.77	198.98	498.81			
2/20/99 17:15	1022.75	30.20	0.681	92.51	198.51	500.44			
2/20/99 17:30	1022.88	30.21	0.682	91.99	197.57	500.31	500.84		
2/20/99 17:45	1023.00	30.21	0.684	93.29	199.93	501.83			
2/20/99 18:00	1023.00	30.21	0.684	94.34	201.81	502.81			
2/20/99 18:15	1023.13	30.21	0.683	95.64	204.16	502.97			
2/20/99 18:30	1023.25	30.22	0.680	95.12	203.22	501.66	502.04		
2/20/99 18:45	1023.38	30.22	0.678	94.88	202.75	500.53			
2/20/99 19:00	1023.38	30.22	0.681	95.38	203.69	502.25			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Main Flow (SCFM)	Delta (SCFM)
2/20/99 19:15	1023.38	30.22	0.684	94.60	202.28	502.84			
2/20/99 19:30	1023.50	30.22	0.684	94.34	201.81	502.68	502.78		
2/20/99 19:45	1023.50	30.22	0.684	94.60	202.28	502.88			
2/20/99 20:00	1023.50	30.22	0.688	94.88	202.75	503.48			
2/20/99 20:15	1023.50	30.22	0.681	94.08	201.34	501.11			
2/20/99 20:30	1023.63	30.23	0.678	93.29	199.93	499.40	501.40		
2/20/99 20:45	1023.63	30.23	0.678	94.60	202.28	500.51			
2/20/99 21:00	1023.63	30.23	0.683	95.12	203.22	502.49			
2/20/99 21:15	1023.75	30.23	0.683	94.60	202.28	502.32			
2/20/99 21:30	1023.75	30.23	0.686	95.12	203.22	503.82	503.09		
2/20/99 21:45	1023.88	30.23	0.689	94.08	201.34	503.99			
2/20/99 22:00	1023.88	30.23	0.685	94.34	201.81	502.81			
2/20/99 22:15	1023.88	30.23	0.679	92.77	198.98	499.43			
2/20/99 22:30	1024.00	30.24	0.681	94.08	201.34	501.21	501.17		
2/20/99 22:45	1024.00	30.24	0.679	94.88	202.75	501.08			
2/20/99 23:00	1024.00	30.24	0.681	94.60	202.28	501.34			
2/20/99 23:15	1023.88	30.23	0.683	92.25	198.04	500.46			
2/20/99 23:30	1024.00	30.24	0.686	93.55	200.40	502.46	501.62		
2/20/99 23:45	1024.00	30.24	0.689	94.08	201.34	504.21			
2/21/99 0:00	1024.00	30.24	0.681	91.72	197.10	499.60			
2/21/99 0:15	1024.13	30.24	0.681	93.29	199.93	500.42			
2/21/99 0:30	1024.13	30.24	0.683	94.88	202.75	502.41	501.28		
2/21/99 0:45	1024.13	30.24	0.683	95.38	203.69	502.55			
2/21/99 1:00	1024.13	30.24	0.680	95.12	203.22	501.45			
2/21/99 1:15	1024.13	30.24	0.685	94.88	202.75	503.11			
2/21/99 1:30	1024.25	30.25	0.687	94.34	201.81	503.42	503.00		
2/21/99 1:45	1024.25	30.25	0.689	94.34	201.81	504.33			
2/21/99 2:00	1024.13	30.24	0.684	94.60	202.28	502.71			
2/21/99 2:15	1024.13	30.24	0.683	93.81	200.87	501.48			
2/21/99 2:30	1024.00	30.24	0.683	94.60	202.28	502.04	501.70		
2/21/99 2:45	1024.13	30.24	0.681	94.88	202.75	501.71			
2/21/99 3:00	1023.88	30.23	0.679	94.08	201.34	500.57			
2/21/99 3:15	1024.00	30.24	0.688	94.34	201.81	503.70			
2/21/99 3:30	1024.00	30.24	0.686	94.88	202.75	503.58	503.03		
2/21/99 3:45	1024.13	30.24	0.689	94.08	201.34	504.18			
2/21/99 4:00	1024.25	30.25	0.686	94.60	202.28	503.12			
2/21/99 4:15	1024.38	30.25	0.683	94.88	202.75	502.35			
2/21/99 4:30	1024.50	30.25	0.681	94.60	202.28	501.44	502.19		
2/21/99 4:45	1024.63	30.26	0.682	95.38	203.69	502.20			
2/21/99 5:00	1024.75	30.26	0.683	94.60	202.28	501.88			
2/21/99 5:15	1024.88	30.26	0.689	95.12	203.22	504.46			
2/21/99 5:30	1025.00	30.27	0.688	94.88	202.75	504.03	503.61		
2/21/99 5:45	1025.25	30.28	0.690	94.60	202.28	504.48			
2/21/99 6:00	1025.38	30.28	0.688	93.81	200.87	503.22			
2/21/99 6:15	1025.63	30.29	0.686	94.88	202.75	503.18			
2/21/99 6:30	1025.88	30.29	0.684	95.12	203.22	502.84	502.54		
2/21/99 6:45	1026.13	30.30	0.683	94.60	202.28	501.52			
2/21/99 7:00	1026.13	30.30	0.684	94.88	202.75	502.14			
2/21/99 7:15	1026.13	30.30	0.681	92.51	198.51	499.40			
2/21/99 7:30	1026.38	30.31	0.691	94.60	202.28	504.43	502.61		
2/21/99 7:45	1026.38	30.31	0.689	93.55	200.40	503.27			
2/21/99 8:00	1026.63	30.32	0.690	94.08	201.34	503.79			
2/21/99 8:15	1026.63	30.32	0.689	94.08	201.34	503.31			
2/21/99 8:30	1026.75	30.32	0.687	94.88	202.75	503.16	502.61		
2/21/99 8:45	1026.88	30.32	0.684	94.60	202.28	502.04			
2/21/99 9:00	1027.00	30.33	0.682	94.08	201.34	500.73			
2/21/99 9:15	1026.88	30.32	0.683	94.34	201.81	501.38			
2/21/99 9:30	1027.00	30.33	0.688	94.60	202.28	503.14	502.48		
2/21/99 9:45	1027.00	30.33	0.687	94.34	201.81	502.74			
2/21/99 10:00	1027.00	30.33	0.692	94.08	201.34	504.39			
2/21/99 10:15	1027.00	30.33	0.692	94.08	201.34	504.39			
2/21/99 10:30	1027.13	30.33	0.689	93.81	200.87	503.01	503.15		
2/21/99 10:45	1027.13	30.33	0.686	94.60	202.28	502.63			
2/21/99 11:00	1027.00	30.33	0.683	94.34	201.81	501.35			
2/21/99 11:15	1027.00	30.33	0.684	94.60	202.28	501.75			
2/21/99 11:30	1027.13	30.33	0.684	94.08	201.34	501.62	501.97		
2/21/99 11:45	1027.00	30.33	0.686	94.08	201.34	502.31			
2/21/99 12:00	1027.00	30.33	0.688	93.81	200.87	502.82			
2/21/99 12:15	1026.88	30.32	0.690	93.55	200.40	503.37			
2/21/99 12:30	1026.75	30.32	0.691	93.03	199.45	503.48	502.63		
2/21/99 12:45	1026.63	30.32	0.689	92.77	198.98	502.42			
2/21/99 13:00	1026.50	30.31	0.684	93.03	199.45	501.06			
2/21/99 13:15	1026.25	30.31	0.681	93.03	199.45	499.94			
2/21/99 13:30	1026.13	30.30	0.684	93.29	199.93	501.07	500.75		
2/21/99 13:45	1026.00	30.30	0.682	93.81	200.87	500.80			
2/21/99 14:00	1026.00	30.30	0.683	93.29	199.93	500.88			
2/21/99 14:15	1026.00	30.30	0.688	93.03	199.45	501.84			
2/21/99 14:30	1025.88	30.29	0.688	93.03	199.45	502.56	502.07		
2/21/99 14:45	1025.75	30.29	0.689	93.29	199.93	503.25			
2/21/99 15:00	1025.75	30.29	0.685	93.55	200.40	501.62			
2/21/99 15:15	1025.75	30.29	0.684	93.81	200.87	501.52			
2/21/99 15:30	1025.75	30.29	0.682	94.08	201.34	501.04			
2/21/99 15:45	1025.63	30.29	0.683	94.34	201.81	501.47			
2/21/99 16:00	1025.75	30.29	0.680	94.34	201.81	500.52	501.56		
2/21/99 16:15	1025.75	30.29	0.688	93.81	200.87	502.21			
2/21/99 16:30	1025.75	30.29	0.688	93.29	199.93	502.55			
2/21/99 16:45	1025.75	30.29	0.686	93.03	199.45	501.90			
2/21/99 17:00	1025.88	30.29	0.687	92.77	198.98	501.94	501.78		
2/21/99 17:15	1026.00	30.30	0.685	93.03	199.45	501.40			
2/21/99 17:30	1026.00	30.30	0.684	93.29	199.93	501.10			
2/21/99 17:45	1026.00	30.30	0.682	93.03	199.45	500.26			
2/21/99 18:00	1026.13	30.30	0.681	93.03	199.45	499.75	500.39		
2/21/99 18:15	1026.25	30.31	0.661	93.03	199.45	499.72			
2/21/99 18:30	1026.38	30.31	0.665	92.77	198.98	501.13			
2/21/99 18:45	1026.50	30.31	0.666	91.99	197.57	501.00			
2/21/99 19:00	1026.50	30.31	0.668	91.72	197.10	501.29	500.94		
2/21/99 19:15	1026.50	30.31	0.686	91.46	196.63	500.64			
2/21/99 19:30	1026.50	30.31	0.686	91.46	196.63	500.64			
2/21/99 19:45	1026.63	30.32	0.683	91.72	197.10	499.44			
2/21/99 20:00	1026.75	30.32	0.686	94.08	201.34	502.15	501.80		
2/21/99 20:15	1026.88	30.32	0.689	95.38	203.69	504.15			
2/21/99 20:30	1027.13	30.33	0.686	94.60	202.28	502.63			
2/21/99 20:45	1027.13	30.33	0.683	94.86	202.75	501.68			
2/21/99 21:00	1027.13	30.33	0.690	93.81	200.87	503.49	502.99		
2/21/99 21:15	1027.25	30.33	0.690	93.29	199.93	503.10			
2/21/99 21:30	1027.38	30.34	0.691	94.08	201.34	504.04			
2/21/99 21:45	1027.38	30.34	0.694	94.34	201.81	505.39			
2/21/99 22:00	1027.50	30.34	0.691	94.34	201.81	503.97	503.23		
2/21/99 22:15	1027.63	30.35	0.686	94.08	201.34	502.15			
2/21/99 22:30	1027.75	30.35	0.683	93.81	200.87	500.59			
2/21/99 22:45	1027.88	30.35	0.686	94.34	201.81	502.05			
2/21/99 23:00	1027.88	30.35	0.684	92.25	198.04	499.93	500.67		
2/21/99 23:15	1027.88	30.35	0.687	90.94	195.69	500.20			
2/21/99 23:30	1027.75	30.35	0.689	90.18	194.28	500.60			
2/21/99 23:45	1027.75	30.35	0.688	90.18	194.28	499.91			
2/22/99 0:00	1027.88	30.35	0.689	90.94	195.69	501.11	501.86		
2/22/99 0:15	1028.00	30.36	0.689	94.88	202.75	503.77			
2/22/99 0:30	1028.13	30.36	0.689	95.12	203.22	503.92			
2/22/99 0:45	1027.88	30.35	0.689	94.60	202.28	503.62			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/22/99 1:00	1027.88	30.35	0.888	93.55	200.40	502.21	503.17		
2/22/99 1:15	1028.00	30.36	0.888	94.08	201.34	502.54			
2/22/99 1:30	1028.25	30.36	0.890	94.34	201.81	503.57			
2/22/99 1:45	1028.38	30.37	0.896	94.34	201.81	505.58			
2/22/99 2:00	1028.38	30.37	0.895	93.55	200.40	504.82	504.87		
2/22/99 2:15	1028.83	30.38	0.896	94.08	201.34	505.55			
2/22/99 2:30	1028.83	30.38	0.894	94.34	201.81	504.83			
2/22/99 2:45	1028.75	30.38	0.896	94.34	201.81	505.49			
2/22/99 3:00	1029.13	30.39	0.890	94.60	202.28	503.53	503.53		
2/22/99 3:15	1029.13	30.39	0.890	94.88	202.75	503.71			
2/22/99 3:30	1029.13	30.39	0.885	92.25	198.04	500.10			
2/22/99 3:45	1029.50	30.40	0.893	93.55	200.40	503.85			
2/22/99 4:00	1029.50	30.40	0.894	93.81	200.87	504.51	503.32		
2/22/99 4:15	1029.63	30.40	0.896	94.60	202.28	505.87			
2/22/99 4:30	1029.75	30.41	0.892	92.25	198.04	502.46			
2/22/99 4:45	1030.00	30.42	0.894	92.51	198.51	503.23			
2/22/99 5:00	1030.13	30.42	0.893	93.81	200.87	503.88	503.23		
2/22/99 5:15	1030.13	30.42	0.892	95.12	203.22	504.34			
2/22/99 5:30	1030.13	30.42	0.890	93.03	199.45	502.22			
2/22/99 5:45	1030.38	30.43	0.888	94.60	202.28	502.53			
2/22/99 6:00	1030.38	30.43	0.891	94.34	201.81	503.49	503.28		
2/22/99 6:15	1030.50	30.43	0.894	93.55	200.40	504.08			
2/22/99 6:30	1030.50	30.43	0.894	93.55	200.40	504.08			
2/22/99 8:45	1030.63	30.43	0.701	93.29	199.93	508.12			
2/22/99 7:00	1031.00	30.45	0.689	93.55	200.40	501.89	302.42		
2/22/99 7:15	1031.25	30.45	0.000	68.73	155.71	0.00			
2/22/99 7:30	1031.50	30.46	0.000	56.19	133.14	0.00			
2/22/99 7:45	1031.63	30.46	0.555	73.17	163.71	437.72			
2/22/99 8:00	1031.75	30.47	0.702	90.88	195.22	504.50	389.40		
2/22/99 8:15	1031.88	30.47	0.898	88.85	191.93	501.62			
2/22/99 8:30	1031.88	30.47	0.699	90.42	194.75	503.14			
2/22/99 8:45	1032.00	30.47	0.701	94.86	202.75	506.86			
2/22/99 9:00	1032.13	30.48	0.702	94.60	202.28	507.12	504.73		
2/22/99 9:15	1031.88	30.47	0.700	93.29	199.93	505.59			
2/22/99 9:30	1031.63	30.46	0.683	95.38	203.89	500.94			
2/22/99 9:45	1031.50	30.46	0.684	95.84	204.16	501.62			
2/22/99 10:00	1031.50	30.46	0.688	95.12	203.22	501.70	501.16		
2/22/99 10:15	1031.38	30.46	0.686	95.12	203.22	501.73			
2/22/99 10:30	1031.50	30.46	0.680	95.38	203.89	499.83			
2/22/99 10:45	1031.38	30.46	0.688	93.03	199.45	501.22			
2/22/99 11:00	1031.50	30.46	0.693	91.46	196.63	501.71	501.58		
2/22/99 11:15	1031.50	30.46	0.695	90.68	195.22	502.08			
2/22/99 11:30	1031.50	30.48	0.699	90.16	194.28	503.05			
2/22/99 11:45	1031.25	30.45	0.703	90.16	194.28	504.48			
2/22/99 12:00	1031.25	30.45	0.702	90.16	194.28	504.26	504.19		
2/22/99 12:15	1031.00	30.45	0.704	90.94	195.69	505.78			
2/22/99 12:30	1030.75	30.44	0.699	90.42	194.75	503.41			
2/22/99 12:45	1030.25	30.42	0.697	90.94	195.69	503.25			
2/22/99 13:00	1029.75	30.41	0.698	91.46	196.63	503.95	503.88		
2/22/99 13:15	1029.50	30.40	0.697	91.72	197.10	503.97			
2/22/99 13:30	1029.50	30.40	0.699	91.99	197.57	504.80			
2/22/99 13:45	1029.38	30.40	0.701	91.99	197.57	505.74			
2/22/99 14:00	1029.00	30.39	0.704	91.99	197.57	506.73	506.64		
2/22/99 14:15	1028.63	30.38	0.704	91.99	197.57	507.07			
2/22/99 14:30	1028.38	30.37	0.709	92.25	198.04	508.86			
2/22/99 14:45	1028.25	30.36	0.709	92.51	198.51	509.08			
2/22/99 15:00	1028.00	30.36	0.701	92.77	198.98	506.62	507.60		
2/22/99 15:15	1027.88	30.35	0.703	93.03	199.45	507.30			
2/22/99 15:30	1028.00	30.36	0.699	93.03	199.45	506.15			
2/22/99 15:45	1028.00	30.36	0.702	93.03	199.45	507.05			
2/22/99 16:00	1028.00	30.36	0.699	93.03	199.45	506.15	507.23		
2/22/99 16:15	1028.13	30.36	0.706	92.77	198.98	508.39			
2/22/99 16:30	1028.38	30.37	0.708	92.25	198.04	508.43			
2/22/99 16:45	1028.50	30.37	0.706	91.72	197.10	507.57			
2/22/99 17:00	1028.25	30.36	0.709	91.46	196.63	508.60	508.06		
2/22/99 17:15	1028.00	30.36	0.711	91.46	196.63	509.09			
2/22/99 17:30	1028.00	30.36	0.704	91.46	196.63	506.61			
2/22/99 17:45	1028.00	30.36	0.702	91.46	196.63	505.97			
2/22/99 18:00	1028.13	30.36	0.703	91.46	196.63	506.37	505.82		
2/22/99 18:15	1028.13	30.36	0.700	91.46	196.63	505.25			
2/22/99 18:30	1028.13	30.36	0.700	90.94	195.69	504.89			
2/22/99 18:45	1028.25	30.36	0.704	90.68	195.22	506.01			
2/22/99 19:00	1028.25	30.36	0.705	90.16	194.28	506.11	506.20		
2/22/99 19:15	1028.13	30.36	0.705	89.90	193.81	505.96			
2/22/99 19:30	1028.13	30.36	0.709	90.94	195.69	508.02			
2/22/99 19:45	1028.13	30.36	0.707	92.51	198.51	508.46			
2/22/99 20:00	1028.13	30.36	0.702	91.46	196.63	505.93	507.16		
2/22/99 20:15	1028.00	30.36	0.699	90.68	195.22	504.52			
2/22/99 20:30	1028.00	30.36	0.704	94.34	201.81	508.66			
2/22/99 20:45	1028.00	30.36	0.701	92.77	198.98	506.62			
2/22/99 21:00	1027.88	30.35	0.699	91.46	196.63	505.09	507.45		
2/22/99 21:15	1027.75	30.35	0.705	91.46	196.63	507.14			
2/22/99 21:30	1027.88	30.35	0.709	93.03	199.45	509.53			
2/22/99 21:45	1027.83	30.35	0.709	93.81	200.87	510.14			
2/22/99 22:00	1027.38	30.34	0.708	91.99	197.57	508.71	509.33		
2/22/99 22:15	1027.25	30.33	0.709	93.81	200.87	510.23			
2/22/99 22:30	1027.00	30.33	0.702	94.08	201.34	508.02			
2/22/99 22:45	1027.00	30.33	0.707	94.60	202.28	510.19			
2/22/99 23:00	1026.88	30.32	0.705	94.60	202.28	509.53	508.26		
2/22/99 23:15	1026.63	30.32	0.703	93.03	199.45	507.61			
2/22/99 23:30	1026.63	30.32	0.699	92.25	198.04	505.94			
2/22/99 23:45	1026.38	30.31	0.703	91.46	196.63	506.60			
2/23/99 0:00	1026.25	30.31	0.707	90.94	195.69	507.83	506.61		
2/23/99 0:15	1026.38	30.31	0.704	90.68	195.22	506.47			
2/23/99 0:30	1026.50	30.31	0.703	90.68	195.22	506.01			
2/23/99 0:45	1026.50	30.31	0.706	93.03	199.45	508.97			
2/23/99 1:00	1026.38	30.31	0.706	95.12	203.22	510.45	508.51		
2/23/99 1:15	1026.25	30.31	0.703	93.81	200.87	506.46			
2/23/99 1:30	1026.13	30.30	0.703	94.08	201.34	508.67			
2/23/99 1:45	1026.00	30.30	0.709	94.60	202.28	511.09			
2/23/99 2:00	1026.00	30.30	0.708	90.68	195.22	506.14	508.28		
2/23/99 2:15	1026.00	30.30	0.704	90.94	195.69	506.74			
2/23/99 2:30	1025.66	30.29	0.703	91.20	196.16	506.74			
2/23/99 2:45	1025.75	30.29	0.702	90.94	195.69	506.16			
2/23/99 3:00	1025.50	30.28	0.701	91.99	197.57	506.69	506.38		
2/23/99 3:15	1025.38	30.28	0.702	92.25	198.04	507.16			
2/23/99 3:30	1025.38	30.28	0.697	91.99	197.57	505.17			
2/23/99 3:45	1025.13	30.27	0.695	93.81	200.87	505.80			
2/23/99 4:00	1024.88	30.26	0.690	94.34	201.61	504.40	504.96		
2/23/99 4:15	1024.75	30.26	0.689	93.81	200.87	503.59			
2/23/99 4:30	1024.88	30.26	0.693	95.12	203.22	505.85			
2/23/99 4:45	1024.75	30.26	0.692	95.12	203.22	505.66			
2/23/99 5:00	1024.75	30.26	0.892	94.60	202.28	505.30	505.50		
2/23/99 5:15	1024.63	30.26	0.689	95.38	203.89	504.96			
2/23/99 5:30	1024.50	30.25	0.890	96.17	205.10	505.74			
2/23/99 5:45	1024.63	30.26	0.690	97.21	206.98	506.43			
2/23/99 6:00	1024.50	30.25	0.668	98.26	208.66	506.25	505.76		
2/23/99 6:15	1024.50	30.25	0.682	98.78	209.80	504.54			
2/23/99 6:30	1024.50	30.25	0.664	99.30	210.74	505.82			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/23/99 6:45	1024.25	30.25	0.679	99.56	211.21	503.95			
2/23/99 7:00	1024.25	30.25	0.676	101.39	214.51	504.03	504.35		
2/23/99 7:15	1024.25	30.25	0.673	102.96	217.33	503.92			
2/23/99 7:30	1024.13	30.24	0.670	104.53	220.15	504.06			
2/23/99 7:45	1023.88	30.23	0.386	98.78	209.80	379.52			
2/23/99 8:00	1024.00	30.24	0.016	68.21	154.77	74.52	191.62		
2/23/99 8:15	1023.88	30.23	0.000	56.45	133.61	0.00			
2/23/99 8:30	1024.00	30.24	0.000	47.57	117.62	0.00			
2/23/99 8:45	1024.13	30.24	0.000	41.56	106.80	0.00			
2/23/99 9:00	1024.00	30.24	0.000	36.85	98.33	0.00	0.00		
2/23/99 9:15	1023.88	30.23	0.000	33.19	91.75	0.00			
2/23/99 9:30	1023.88	30.23	0.000	30.32	86.58	0.00			
2/23/99 9:45	1023.75	30.23	0.322	43.38	110.09	319.93			
2/23/99 10:00	1023.75	30.23	0.272	54.10	129.38	298.97	325.69		
2/23/99 10:15	1023.50	30.22	0.701	87.54	189.58	504.09			
2/23/99 10:30	1023.38	30.22	0.688	96.69	206.04	505.46			
2/23/99 10:45	1023.50	30.22	0.139	84.15	183.46	223.70			
2/23/99 11:00	1023.50	30.22	0.000	63.24	145.84	0.00	145.83		
2/23/99 11:15	1023.25	30.22	0.000	52.53	126.55	0.00			
2/23/99 11:30	1023.25	30.22	0.000	44.95	112.91	0.00			
2/23/99 11:45	1023.25	30.22	0.000	39.47	103.04	0.00			
2/23/99 12:00	1023.25	30.22	0.000	35.28	95.51	0.00	167.87		
2/23/99 12:15	1023.00	30.21	0.346	49.39	120.91	334.75			
2/23/99 12:30	1022.75	30.20	0.698	89.90	193.81	504.58			
2/23/99 12:45	1022.63	30.20	0.903	90.16	194.28	574.20			
2/23/99 13:00	1022.38	30.19	0.345	89.37	192.87	354.68	288.69		
2/23/99 13:15	1022.38	30.19	0.000	65.07	149.13	0.00			
2/23/99 13:30	1022.13	30.18	0.000	53.05	127.49	0.00			
2/23/99 13:45	1022.00	30.18	0.000	45.48	113.86	0.00			
2/23/99 14:00	1021.88	30.18	0.000	39.47	103.04	0.00	0.00		
2/23/99 14:15	1021.63	30.17	0.000	35.28	95.51	0.00			
2/23/99 14:30	1021.38	30.16	0.000	32.15	89.87	0.00			
2/23/99 14:45	1021.25	30.16	0.000	29.54	85.16	0.00			
2/23/99 15:00	1021.25	30.16	0.000	27.45	81.40	0.00	0.00		
2/23/99 15:15	1021.25	30.16	0.000	25.82	78.11	0.00			
2/23/99 15:30	1021.25	30.16	0.000	23.53	74.35	0.00			
2/23/99 15:45	1021.25	30.16	0.000	22.22	72.00	0.00			
2/23/99 16:00	1021.25	30.16	0.000	21.17	70.11	0.00	0.00		
2/23/99 16:15	1021.25	30.16	0.000	20.39	68.70	0.00			
2/23/99 16:30	1021.25	30.16	0.000	19.61	67.29	0.00			
2/23/99 16:45	1021.13	30.15	0.000	19.08	66.35	0.00			
2/23/99 17:00	1021.25	30.16	0.000	18.30	64.94	0.00	0.00		
2/23/99 17:15	1021.25	30.16	0.000	17.78	64.00	0.00			
2/23/99 17:30	1021.38	30.16	0.000	17.52	63.53	0.00			
2/23/99 17:45	1021.50	30.16	0.000	17.26	63.06	0.00			
2/23/99 18:00	1021.50	30.16	0.000	16.47	61.65	0.00	0.00		
2/23/99 18:15	1021.75	30.17	0.000	16.21	61.18	0.00			
2/23/99 18:30	1021.88	30.18	0.000	15.95	60.71	0.00			
2/23/99 18:45	1022.00	30.18	0.000	15.69	60.24	0.00			
2/23/99 19:00	1022.00	30.18	0.000	15.43	59.77	0.00	0.00		
2/23/99 19:15	1022.00	30.18	0.000	14.90	58.83	0.00			
2/23/99 19:30	1022.13	30.18	0.000	14.64	58.36	0.00			
2/23/99 19:45	1022.13	30.18	0.000	14.64	58.36	0.00			
2/23/99 20:00	1022.25	30.19	0.000	14.38	57.89	0.00	0.00		
2/23/99 20:15	1022.13	30.18	0.000	13.86	56.95	0.00			
2/23/99 20:30	1022.13	30.18	0.000	13.86	56.95	0.00			
2/23/99 20:45	1022.25	30.19	0.000	13.86	56.95	0.00			
2/23/99 21:00	1022.38	30.19	0.000	13.60	56.47	0.00	0.00		
2/23/99 21:15	1022.50	30.19	0.000	13.60	56.47	0.00			
2/23/99 21:30	1022.50	30.19	0.000	13.34	56.00	0.00			
2/23/99 21:45	1022.75	30.20	0.000	13.34	56.00	0.00			
2/23/99 22:00	1022.75	30.20	0.000	13.34	56.00	0.00	0.00		
2/23/99 22:15	1022.75	30.20	0.000	13.07	55.53	0.00			
2/23/99 22:30	1022.75	30.20	0.000	13.07	55.53	0.00			
2/23/99 22:45	1022.63	30.20	0.000	13.07	55.53	0.00			
2/23/99 23:00	1022.50	30.19	0.000	12.55	54.59	0.00	0.00		
2/23/99 23:15	1022.63	30.20	0.000	12.55	54.59	0.00			
2/23/99 23:30	1022.75	30.20	0.000	12.55	54.59	0.00			
2/23/99 23:45	1022.75	30.20	0.000	12.55	54.59	0.00			
2/24/99 0:00	1022.50	30.19	0.000	12.55	54.59	0.00	0.00		
2/24/99 0:15	1022.38	30.19	0.000	12.55	54.59	0.00			
2/24/99 0:30	1022.38	30.19	0.000	12.55	54.59	0.00			
2/24/99 0:45	1022.38	30.19	0.000	12.29	54.12	0.00			
2/24/99 1:00	1022.38	30.19	0.000	12.29	54.12	0.00	0.00		
2/24/99 1:15	1022.38	30.19	0.000	12.29	54.12	0.00			
2/24/99 1:30	1022.38	30.19	0.000	12.29	54.12	0.00			
2/24/99 1:45	1022.25	30.19	0.000	12.03	53.65	0.00			
2/24/99 2:00	1022.25	30.19	0.000	12.03	53.65	0.00	0.00		
2/24/99 2:15	1022.38	30.19	0.000	12.03	53.65	0.00			
2/24/99 2:30	1022.38	30.19	0.000	11.77	53.18	0.00			
2/24/99 2:45	1022.38	30.19	0.000	12.03	53.65	0.00			
2/24/99 3:00	1022.63	30.20	0.000	12.03	53.65	0.00	0.00		
2/24/99 3:15	1022.63	30.20	0.000	11.77	53.18	0.00			
2/24/99 3:30	1022.50	30.19	0.000	11.77	53.18	0.00			
2/24/99 3:45	1022.50	30.19	0.000	11.77	53.18	0.00			
2/24/99 4:00	1022.50	30.19	0.000	11.77	53.18	0.00	0.00		
2/24/99 4:15	1022.50	30.19	0.000	11.77	53.18	0.00			
2/24/99 4:30	1022.63	30.20	0.000	11.77	53.18	0.00			
2/24/99 4:45	1022.63	30.20	0.000	11.77	53.18	0.00			
2/24/99 5:00	1022.75	30.20	0.000	11.77	53.18	0.00	0.00		
2/24/99 5:15	1023.00	30.21	0.000	11.77	53.18	0.00			
2/24/99 5:30	1023.00	30.21	0.000	11.77	53.18	0.00			
2/24/99 5:45	1023.25	30.22	0.000	11.77	53.18	0.00			
2/24/99 6:00	1023.50	30.22	0.000	11.77	53.18	0.00	0.00		
2/24/99 6:15	1023.75	30.23	0.000	11.77	53.18	0.00			
2/24/99 6:30	1024.00	30.24	0.000	11.77	53.18	0.00			
2/24/99 6:45	1024.00	30.24	0.000	11.77	53.18	0.00			
2/24/99 7:00	1024.13	30.24	0.000	11.77	53.18	0.00	0.00		
2/24/99 7:15	1024.25	30.25	0.000	11.77	53.18	0.00			
2/24/99 7:30	1024.00	30.24	0.000	11.77	53.18	0.00			
2/24/99 7:45	1024.00	30.24	0.000	11.77	53.18	0.00			
2/24/99 8:00	1024.00	30.24	0.000	11.77	53.18	0.00	0.00		
2/24/99 8:15	1024.00	30.24	0.000	12.03	53.65	0.00			
2/24/99 8:30	1024.25	30.25	0.000	10.98	51.77	0.00			
2/24/99 8:45	1024.00	30.24	0.000	10.72	51.30	0.00			
2/24/99 9:00	1024.13	30.24	0.000	10.98	51.77	0.00	0.00		
2/24/99 9:15	1024.38	30.25	0.000	10.98	51.77	0.00			
2/24/99 9:30	1024.25	30.25	0.000	10.98	51.77	0.00			
2/24/99 9:45	1024.25	30.25	0.000	11.25	52.24	0.00			
2/24/99 10:00	1024.50	30.25	0.000	11.51	52.71	0.00	0.00		
2/24/99 10:15	1024.63	30.26	0.000	11.51	52.71	0.00			
2/24/99 10:30	1024.88	30.26	0.000	12.03	53.65	0.00			
2/24/99 10:45	1024.88	30.26	0.000	12.29	54.12	0.00			
2/24/99 11:00	1024.75	30.26	0.000	12.55	54.59	0.00	0.00		
2/24/99 11:15	1024.88	30.26	0.000	12.81	55.06	0.00			
2/24/99 11:30	1024.75	30.26	0.000	13.34	56.00	0.00			
2/24/99 11:45	1024.63	30.26	0.000	13.34	56.00	0.00			
2/24/99 12:00	1024.63	30.26	0.000	13.60	56.47	0.00	0.00		
2/24/99 12:15	1024.25	30.25	0.000	13.60	56.47	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/24/99 12:30	1023.88	30.23	0.000	13.88	56.95	0.00			
2/24/99 12:45	1023.63	30.23	0.000	14.38	57.89	0.00			
2/24/99 13:00	1023.38	30.22	0.000	14.12	57.42	0.00	0.00		
2/24/99 13:15	1023.00	30.21	0.000	13.88	56.95	0.00			
2/24/99 13:30	1022.88	30.21	0.000	13.88	56.95	0.00			
2/24/99 13:45	1022.63	30.20	0.000	13.88	56.95	0.00			
2/24/99 14:00	1022.38	30.19	0.000	13.88	56.95	0.00	0.00		
2/24/99 14:15	1022.25	30.19	0.000	14.38	57.89	0.00			
2/24/99 14:30	1022.25	30.19	0.000	14.64	58.36	0.00			
2/24/99 14:45	1022.13	30.18	0.000	14.64	58.36	0.00			
2/24/99 15:00	1022.13	30.18	0.000	15.16	59.30	0.00	0.00		
2/24/99 15:15	1022.63	30.20	0.000	15.43	59.77	0.00			
2/24/99 15:30	1022.75	30.20	0.000	15.43	59.77	0.00			
2/24/99 15:45	1022.50	30.19	0.000	15.69	60.24	0.00			
2/24/99 16:00	1022.25	30.19	0.000	15.69	60.24	0.00	0.00		
2/24/99 16:15	1021.75	30.17	0.000	15.69	60.24	0.00			
2/24/99 16:30	1021.50	30.16	0.000	15.95	60.71	0.00			
2/24/99 16:45	1021.25	30.16	0.000	15.95	60.71	0.00			
2/24/99 17:00	1021.38	30.16	0.000	15.95	60.71	0.00	0.00		
2/24/99 17:15	1021.50	30.16	0.000	15.95	60.71	0.00			
2/24/99 17:30	1021.38	30.16	0.000	15.95	60.71	0.00			
2/24/99 17:45	1021.13	30.15	0.000	15.95	60.71	0.00			
2/24/99 18:00	1021.13	30.15	0.000	15.95	60.71	0.00	0.00		
2/24/99 18:15	1021.00	30.15	0.000	15.95	60.71	0.00			
2/24/99 18:30	1021.00	30.15	0.000	15.95	60.71	0.00			
2/24/99 18:45	1020.88	30.15	0.000	15.95	60.71	0.00			
2/24/99 19:00	1020.63	30.14	0.000	15.95	60.71	0.00	0.00		
2/24/99 19:15	1020.38	30.13	0.000	15.95	60.71	0.00			
2/24/99 19:30	1019.63	30.11	0.000	15.69	60.24	0.00			
2/24/99 19:45	1018.25	30.07	0.000	15.89	60.24	0.00			
2/24/99 20:00	1018.63	30.08	0.000	15.43	59.77	0.00	0.00		
2/24/99 20:15	1019.75	30.11	0.000	15.43	59.77	0.00			
2/24/99 20:30	1019.63	30.11	0.000	15.43	59.77	0.00			
2/24/99 20:45	1019.63	30.11	0.000	15.43	59.77	0.00			
2/24/99 21:00	1019.63	30.11	0.000	15.43	59.77	0.00	0.00		
2/24/99 21:15	1019.38	30.10	0.000	15.43	59.77	0.00			
2/24/99 21:30	1019.25	30.10	0.000	15.16	59.30	0.00			
2/24/99 21:45	1019.50	30.11	0.000	15.16	59.30	0.00			
2/24/99 22:00	1019.50	30.11	0.000	15.16	59.30	0.00	0.00		
2/24/99 22:15	1019.63	30.11	0.000	14.90	58.83	0.00			
2/24/99 22:30	1019.50	30.11	0.000	14.90	58.83	0.00			
2/24/99 22:45	1019.50	30.11	0.000	14.90	58.83	0.00			
2/24/99 23:00	1019.50	30.11	0.000	14.90	58.83	0.00	0.00		
2/24/99 23:15	1019.13	30.09	0.000	14.64	58.36	0.00			
2/24/99 23:30	1019.00	30.09	0.000	14.64	58.36	0.00			
2/24/99 23:45	1019.00	30.09	0.000	14.64	58.36	0.00			
2/25/99 0:00	1018.88	30.09	0.000	14.64	58.36	0.00	0.00		
2/25/99 0:15	1018.75	30.08	0.000	14.64	58.36	0.00			
2/25/99 0:30	1018.75	30.08	0.000	14.38	57.89	0.00			
2/25/99 0:45	1018.75	30.08	0.000	14.38	57.89	0.00			
2/25/99 1:00	1018.63	30.08	0.000	14.38	57.89	0.00	0.00		
2/25/99 1:15	1018.50	30.08	0.000	14.38	57.89	0.00			
2/25/99 1:30	1018.50	30.08	0.000	14.38	57.89	0.00			
2/25/99 1:45	1018.25	30.07	0.000	14.12	57.42	0.00			
2/25/99 2:00	1018.25	30.07	0.000	13.88	56.95	0.00	0.00		
2/25/99 2:15	1018.25	30.07	0.000	13.88	56.95	0.00			
2/25/99 2:30	1018.13	30.07	0.000	13.88	56.95	0.00			
2/25/99 2:45	1018.00	30.06	0.000	13.88	56.95	0.00			
2/25/99 3:00	1018.00	30.06	0.000	13.88	56.95	0.00	0.00		
2/25/99 3:15	1017.88	30.06	0.000	13.88	56.95	0.00			
2/25/99 3:30	1017.75	30.05	0.000	13.88	56.95	0.00			
2/25/99 3:45	1017.83	30.05	0.000	13.88	56.95	0.00			
2/25/99 4:00	1017.75	30.05	0.000	13.88	56.95	0.00	0.00		
2/25/99 4:15	1017.63	30.05	0.000	13.88	56.95	0.00			
2/25/99 4:30	1017.63	30.05	0.000	13.88	56.95	0.00			
2/25/99 4:45	1017.63	30.05	0.000	13.88	56.95	0.00			
2/25/99 5:00	1017.63	30.05	0.000	13.88	56.95	0.00	0.00		
2/25/99 5:15	1017.63	30.05	0.000	13.88	56.95	0.00			
2/25/99 5:30	1017.63	30.05	0.000	13.88	56.95	0.00			
2/25/99 5:45	1017.75	30.05	0.000	13.88	56.95	0.00			
2/25/99 6:00	1017.75	30.05	0.000	13.88	56.95	0.00	0.00		
2/25/99 6:15	1017.75	30.05	0.000	13.88	56.95	0.00			
2/25/99 6:30	1017.88	30.06	0.000	13.88	56.95	0.00			
2/25/99 6:45	1018.00	30.06	0.000	13.88	56.95	0.00			
2/25/99 7:00	1018.00	30.06	0.000	13.88	56.95	0.00	0.00		
2/25/99 7:15	1018.00	30.06	0.000	13.88	56.95	0.00			
2/25/99 7:30	1018.13	30.07	0.000	13.88	56.95	0.00			
2/25/99 7:45	1018.25	30.07	0.000	14.38	57.89	0.00			
2/25/99 8:00	1018.50	30.08	0.000	14.38	57.89	0.00	0.00		
2/25/99 8:15	1018.63	30.08	0.000	14.64	58.36	0.00			
2/25/99 8:30	1018.63	30.08	0.000	14.64	58.36	0.00			
2/25/99 8:45	1018.63	30.08	0.000	14.64	58.36	0.00			
2/25/99 9:00	1018.63	30.08	0.000	14.64	58.36	0.00	0.00		
2/25/99 9:15	1018.75	30.08	0.000	14.64	58.36	0.00			
2/25/99 9:30	1018.88	30.09	0.000	14.64	58.36	0.00			
2/25/99 9:45	1018.88	30.09	0.000	14.90	58.83	0.00			
2/25/99 10:00	1019.00	30.09	0.000	15.43	59.77	0.00	0.00		
2/25/99 10:15	1019.00	30.09	0.000	15.43	59.77	0.00			
2/25/99 10:30	1019.00	30.09	0.000	15.69	60.24	0.00			
2/25/99 10:45	1019.00	30.09	0.000	15.43	59.77	0.00			
2/25/99 11:00	1019.13	30.09	0.000	15.43	59.77	0.00	0.00		
2/25/99 11:15	1019.13	30.09	0.000	15.89	60.24	0.00			
2/25/99 11:30	1019.25	30.10	0.000	15.95	60.71	0.00			
2/25/99 11:45	1019.13	30.09	0.000	15.95	60.71	0.00			
2/25/99 12:00	1018.88	30.09	0.000	15.95	60.71	0.00	0.00		
2/25/99 12:15	1019.00	30.09	0.000	15.95	60.71	0.00			
2/25/99 12:30	1019.25	30.10	0.000	15.89	60.24	0.00			
2/25/99 12:45	1019.38	30.10	0.141	16.47	61.85	202.69			
2/25/99 13:00	1019.50	30.11	0.000	17.78	64.00	0.00	103.74		
2/25/99 13:15	1019.50	30.11	0.000	16.21	61.16	0.00			
2/25/99 13:30	1019.38	30.10	0.333	24.05	75.29	316.03			
2/25/99 13:45	1019.13	30.09	0.189	53.58	128.44	249.89			
2/25/99 14:00	1019.13	30.09	0.000	35.81	96.45	0.00	113.16		
2/25/99 14:15	1019.13	30.09	0.000	31.10	87.99	0.00			
2/25/99 14:30	1019.13	30.09	0.000	28.23	82.81	0.00			
2/25/99 14:45	1019.25	30.10	0.000	26.14	79.05	0.00			
2/25/99 15:00	1019.50	30.11	0.000	24.31	75.76	0.00	0.00		
2/25/99 15:15	1019.50	30.11	0.000	22.74	72.94	0.00			
2/25/99 15:30	1019.75	30.11	0.000	21.44	70.58	0.00			
2/25/99 15:45	1019.88	30.12	0.000	20.65	69.17	0.00			
2/25/99 16:00	1020.00	30.12	0.000	19.61	67.29	0.00	0.00		
2/25/99 16:15	1020.00	30.12	0.000	19.08	66.35	0.00			
2/25/99 16:30	1020.25	30.13	0.000	18.30	64.94	0.00			
2/25/99 16:45	1020.50	30.14	0.000	17.78	64.00	0.00			
2/25/99 17:00	1020.63	30.14	0.000	17.26	63.06	0.00	0.00		
2/25/99 17:15	1020.75	30.14	0.000	16.73	62.12	0.00			
2/25/99 17:30	1021.13	30.15	0.000	16.21	61.16	0.00			
2/25/99 17:45	1021.38	30.16	0.000	15.95	60.71	0.00			
2/25/99 18:00	1021.50	30.16	0.000	15.43	59.77	0.00	0.00		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/25/99 18:15	1021.75	30.17	0.000	15.16	59.30	0.00			
2/25/99 18:30	1021.75	30.17	0.000	14.64	58.36	0.00			
2/25/99 18:45	1021.75	30.17	0.000	14.38	57.89	0.00			
2/25/99 19:00	1022.00	30.18	0.000	13.86	56.95	0.00	0.00		
2/25/99 19:15	1022.13	30.18	0.000	13.86	56.95	0.00			
2/25/99 19:30	1022.13	30.18	0.000	13.60	56.47	0.00			
2/25/99 19:45	1022.25	30.19	0.000	13.34	56.00	0.00			
2/25/99 20:00	1022.50	30.19	0.000	13.34	56.00	0.00	0.00		
2/25/99 20:15	1022.50	30.19	0.000	13.07	55.53	0.00			
2/25/99 20:30	1022.50	30.19	0.000	13.07	55.53	0.00			
2/25/99 20:45	1022.50	30.19	0.000	12.55	54.59	0.00			
2/25/99 21:00	1022.63	30.20	0.000	12.55	54.59	0.00	0.00		
2/25/99 21:15	1022.75	30.20	0.000	12.29	54.12	0.00			
2/25/99 21:30	1023.00	30.21	0.000	12.29	54.12	0.00			
2/25/99 21:45	1023.13	30.21	0.000	12.29	54.12	0.00			
2/25/99 22:00	1023.13	30.21	0.000	12.29	54.12	0.00	0.00		
2/25/99 22:15	1023.25	30.22	0.000	12.29	54.12	0.00			
2/25/99 22:30	1023.13	30.21	0.000	12.03	53.65	0.00			
2/25/99 22:45	1023.00	30.21	0.000	12.03	53.65	0.00			
2/25/99 23:00	1022.88	30.21	0.000	12.03	53.65	0.00	0.00		
2/25/99 23:15	1022.88	30.21	0.000	12.03	53.65	0.00			
2/25/99 23:30	1022.88	30.21	0.000	12.03	53.65	0.00			
2/25/99 23:45	1023.00	30.21	0.000	12.03	53.65	0.00			
2/26/99 0:00	1023.00	30.21	0.000	11.77	53.18	0.00	0.00		
2/26/99 0:15	1023.13	30.21	0.000	11.77	53.18	0.00			
2/26/99 0:30	1023.25	30.22	0.000	11.77	53.18	0.00			
2/26/99 0:45	1023.25	30.22	0.000	11.77	53.18	0.00			
2/26/99 1:00	1023.25	30.22	0.000	11.77	53.18	0.00	0.00		
2/26/99 1:15	1023.25	30.22	0.000	11.51	52.71	0.00			
2/26/99 1:30	1023.13	30.21	0.000	11.51	52.71	0.00			
2/26/99 1:45	1023.25	30.22	0.000	11.51	52.71	0.00			
2/26/99 2:00	1023.50	30.22	0.000	11.51	52.71	0.00	0.00		
2/26/99 2:15	1023.63	30.23	0.000	11.25	52.24	0.00			
2/26/99 2:30	1023.75	30.23	0.000	10.98	51.77	0.00			
2/26/99 2:45	1023.50	30.22	0.000	10.98	51.77	0.00			
2/26/99 3:00	1023.38	30.22	0.000	10.72	51.30	0.00	0.00		
2/26/99 3:15	1023.50	30.22	0.000	10.46	50.83	0.00			
2/26/99 3:30	1023.38	30.22	0.000	10.20	50.36	0.00			
2/26/99 3:45	1023.25	30.22	0.000	10.20	50.36	0.00			
2/26/99 4:00	1023.38	30.22	0.000	9.94	49.89	0.00	0.00		
2/26/99 4:15	1023.25	30.22	0.000	9.68	49.42	0.00			
2/26/99 4:30	1023.25	30.22	0.000	9.68	49.42	0.00			
2/26/99 4:45	1023.38	30.22	0.000	9.42	48.95	0.00			
2/26/99 5:00	1023.50	30.22	0.000	9.42	48.95	0.00	0.00		
2/26/99 5:15	1023.38	30.22	0.000	8.89	48.01	0.00			
2/26/99 5:30	1023.50	30.22	0.000	8.89	48.01	0.00			
2/26/99 5:45	1023.63	30.23	0.000	8.89	48.01	0.00			
2/26/99 6:00	1024.00	30.24	0.000	8.63	47.54	0.00	0.00		
2/26/99 6:15	1024.13	30.24	0.000	8.63	47.54	0.00			
2/26/99 6:30	1024.25	30.25	0.000	8.63	47.54	0.00			
2/26/99 6:45	1024.13	30.24	0.000	8.37	47.07	0.00			
2/26/99 7:00	1024.13	30.24	0.000	8.37	47.07	0.00	0.00		
2/26/99 7:15	1024.50	30.25	0.000	8.37	47.07	0.00			
2/26/99 7:30	1024.75	30.26	0.000	8.37	47.07	0.00			
2/26/99 7:45	1025.00	30.27	0.000	8.37	47.07	0.00			
2/26/99 8:00	1025.13	30.27	0.000	8.37	47.07	0.00	0.00		
2/26/99 8:15	1025.13	30.27	0.000	8.37	47.07	0.00			
2/26/99 8:30	1025.00	30.27	0.000	8.37	47.07	0.00			
2/26/99 8:45	1025.00	30.27	0.000	8.63	47.54	0.00			
2/26/99 9:00	1025.38	30.28	0.000	8.89	48.01	0.00	0.00		
2/26/99 9:15	1025.13	30.27	0.000	9.42	48.95	0.00			
2/26/99 9:30	1024.88	30.26	0.000	9.68	49.42	0.00			
2/26/99 9:45	1025.00	30.27	0.000	9.94	49.89	0.00			
2/26/99 10:00	1025.13	30.27	0.000	10.20	50.36	0.00	0.00		
2/26/99 10:15	1025.38	30.28	0.000	10.98	51.77	0.00			
2/26/99 10:30	1025.75	30.29	0.000	11.25	52.24	0.00			
2/26/99 10:45	1025.63	30.29	0.000	11.51	52.71	0.00			
2/26/99 11:00	1025.50	30.28	0.000	11.77	53.18	0.00	0.00		
2/26/99 11:15	1025.38	30.28	0.000	12.03	53.65	0.00			
2/26/99 11:30	1025.25	30.28	0.000	12.55	54.59	0.00			
2/26/99 11:45	1025.00	30.27	0.000	13.07	55:53	0.00			
2/26/99 12:00	1024.88	30.26	0.000	13.34	56.00	0.00	0.00		
2/26/99 12:15	1024.63	30.26	0.000	13.86	56.95	0.00			
2/26/99 12:30	1024.25	30.25	0.000	14.12	57.42	0.00			
2/26/99 12:45	1023.88	30.23	0.000	14.64	58.36	0.00			
2/26/99 13:00	1023.63	30.23	0.000	15.16	59.30	0.00	0.00		
2/26/99 13:15	1023.25	30.22	0.000	15.43	59.77	0.00			
2/26/99 13:30	1022.75	30.20	0.000	15.95	60.71	0.00			
2/26/99 13:45	1022.50	30.19	0.000	16.21	61.18	0.00			
2/26/99 14:00	1022.38	30.19	0.000	16.47	61.65	0.00	0.00		
2/26/99 14:15	1022.00	30.18	0.000	16.73	62.12	0.00			
2/26/99 14:30	1021.75	30.17	0.000	17.26	63.06	0.00			
2/26/99 14:45	1021.75	30.17	0.000	17.26	63.06	0.00			
2/26/99 15:00	1021.38	30.16	0.000	17.52	63.53	0.00	0.00		
2/26/99 15:15	1021.00	30.15	0.000	17.52	63.53	0.00			
2/26/99 15:30	1020.63	30.14	0.000	18.04	64.47	0.00			
2/26/99 15:45	1020.50	30.14	0.000	18.04	64.47	0.00			
2/26/99 16:00	1020.50	30.14	0.000	18.04	64.47	0.00	0.00		
2/26/99 16:15	1020.50	30.14	0.000	18.04	64.47	0.00			
2/26/99 16:30	1020.38	30.13	0.000	18.04	64.47	0.00			
2/26/99 16:45	1020.25	30.13	0.000	17.78	64.00	0.00			
2/26/99 17:00	1020.25	30.13	0.000	17.78	64.00	0.00	0.00		
2/26/99 17:15	1020.13	30.12	0.000	17.78	64.00	0.00			
2/26/99 17:30	1020.00	30.12	0.000	17.52	63.53	0.00			
2/26/99 17:45	1020.00	30.12	0.000	17.26	63.06	0.00			
2/26/99 18:00	1020.13	30.12	0.000	17.26	63.06	0.00	0.00		
2/26/99 18:15	1020.25	30.13	0.000	16.99	62.59	0.00			
2/26/99 18:30	1020.13	30.12	0.000	16.47	61.65	0.00			
2/26/99 18:45	1020.00	30.12	0.000	18.21	61.18	0.00			
2/26/99 19:00	1019.86	30.12	0.000	15.95	60.71	0.00	0.00		
2/26/99 19:15	1019.50	30.11	0.000	15.69	60.24	0.00			
2/26/99 19:30	1019.50	30.11	0.000	15.43	59.77	0.00			
2/26/99 19:45	1019.50	30.11	0.000	15.16	59.30	0.00			
2/26/99 20:00	1019.63	30.11	0.000	14.64	58.36	0.00	0.00		
2/26/99 20:15	1019.63	30.11	0.000	14.64	58.36	0.00			
2/26/99 20:30	1019.50	30.11	0.000	14.12	57.42	0.00			
2/26/99 20:45	1019.63	30.11	0.000	13.86	56.95	0.00			
2/26/99 21:00	1019.63	30.11	0.000	13.60	56.47	0.00	0.00		
2/26/99 21:15	1019.75	30.11	0.000	13.34	56.00	0.00			
2/26/99 21:30	1019.50	30.11	0.000	13.34	56.00	0.00			
2/26/99 21:45	1019.50	30.11	0.000	13.34	56.00	0.00			
2/26/99 22:00	1019.38	30.10	0.000	12.81	55.06	0.00	0.00		
2/26/99 22:15	1019.25	30.10	0.000	12.55	54.59	0.00			
2/26/99 22:30	1019.13	30.09	0.000	12.55	54.59	0.00			
2/26/99 22:45	1019.00	30.09	0.000	12.29	54.12	0.00			
2/26/99 23:00	1018.88	30.09	0.000	12.03	53.65	0.00	0.00		
2/26/99 23:15	1018.63	30.08	0.000	12.03	53.65	0.00			
2/26/99 23:30	1018.38	30.07	0.000	12.03	53.65	0.00			
2/26/99 23:45	1018.13	30.07	0.000	11.77	53.18	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/27/99 0:00	1018.00	30.06	0.000	11.77	53.18	0.00	0.00		
2/27/99 0:15	1017.63	30.05	0.000	11.51	52.71	0.00			
2/27/99 0:30	1017.00	30.03	0.000	11.51	52.71	0.00			
2/27/99 0:45	1016.63	30.02	0.000	11.51	52.71	0.00			
2/27/99 1:00	1016.63	30.02	0.000	11.51	52.71	0.00	0.00		
2/27/99 1:15	1016.63	30.02	0.000	11.51	52.71	0.00			
2/27/99 1:30	1016.63	30.02	0.000	11.51	52.71	0.00			
2/27/99 1:45	1016.63	30.02	0.000	11.77	53.18	0.00			
2/27/99 2:00	1016.13	30.01	0.000	11.77	53.18	0.00	0.00		
2/27/99 2:15	1015.88	30.00	0.000	11.77	53.18	0.00			
2/27/99 2:30	1015.38	29.98	0.000	11.77	53.18	0.00			
2/27/99 2:45	1015.13	29.98	0.000	12.03	53.65	0.00			
2/27/99 3:00	1014.63	29.96	0.000	12.03	53.65	0.00	0.00		
2/27/99 3:15	1013.63	29.93	0.000	12.29	54.12	0.00			
2/27/99 3:30	1014.00	29.94	0.000	12.55	54.59	0.00			
2/27/99 3:45	1013.63	29.93	0.000	12.55	54.59	0.00			
2/27/99 4:00	1013.38	29.92	0.000	12.55	54.59	0.00	0.00		
2/27/99 4:15	1013.75	29.94	0.000	12.81	55.06	0.00			
2/27/99 4:30	1013.75	29.94	0.000	13.07	55.53	0.00			
2/27/99 4:45	1014.00	29.94	0.000	13.34	56.00	0.00			
2/27/99 5:00	1013.50	29.93	0.000	13.34	56.00	0.00	0.00		
2/27/99 5:15	1013.38	29.92	0.000	13.34	56.00	0.00			
2/27/99 5:30	1012.50	29.90	0.000	13.34	56.00	0.00			
2/27/99 5:45	1012.38	29.90	0.000	13.34	56.00	0.00			
2/27/99 6:00	1013.13	29.92	0.000	13.07	55.53	0.00	0.00		
2/27/99 6:15	1012.88	29.91	0.000	13.07	55.53	0.00			
2/27/99 6:30	1012.88	29.91	0.000	12.81	55.06	0.00			
2/27/99 6:45	1012.63	29.90	0.000	12.55	54.59	0.00			
2/27/99 7:00	1012.38	29.90	0.000	12.55	54.59	0.00	0.00		
2/27/99 7:15	1012.50	29.90	0.000	12.55	54.59	0.00			
2/27/99 7:30	1012.50	29.90	0.000	12.55	54.59	0.00			
2/27/99 7:45	1012.38	29.90	0.000	12.55	54.59	0.00			
2/27/99 8:00	1011.88	29.88	0.000	13.07	55.53	0.00	0.00		
2/27/99 8:15	1011.63	29.87	0.000	13.07	55.53	0.00			
2/27/99 8:30	1011.63	29.87	0.000	13.07	55.53	0.00			
2/27/99 8:45	1011.63	29.87	0.000	13.34	56.00	0.00			
2/27/99 9:00	1011.63	29.87	0.000	13.34	56.00	0.00	0.00		
2/27/99 9:15	1011.38	29.87	0.000	13.34	56.00	0.00			
2/27/99 9:30	1011.00	29.85	0.000	13.34	56.00	0.00			
2/27/99 9:45	1010.88	29.85	0.000	13.34	56.00	0.00			
2/27/99 10:00	1010.88	29.85	0.000	13.34	56.00	0.00	0.00		
2/27/99 10:15	1010.50	29.84	0.000	13.60	56.47	0.00			
2/27/99 10:30	1010.13	29.83	0.000	13.60	56.47	0.00			
2/27/99 10:45	1010.13	29.83	0.000	13.60	56.47	0.00			
2/27/99 11:00	1010.25	29.83	0.000	13.88	56.95	0.00	0.00		
2/27/99 11:15	1010.25	29.83	0.000	13.88	56.95	0.00			
2/27/99 11:30	1010.13	29.83	0.000	13.88	56.95	0.00			
2/27/99 11:45	1009.75	29.82	0.000	13.88	56.95	0.00			
2/27/99 12:00	1009.13	29.80	0.000	14.38	57.89	0.00	0.00		
2/27/99 12:15	1008.75	29.79	0.000	14.64	58.36	0.00			
2/27/99 12:30	1008.50	29.78	0.000	14.90	58.83	0.00			
2/27/99 12:45	1008.00	29.77	0.000	15.43	59.77	0.00			
2/27/99 13:00	1007.88	29.76	0.000	15.69	60.24	0.00	0.00		
2/27/99 13:15	1007.50	29.75	0.000	15.95	60.71	0.00			
2/27/99 13:30	1007.38	29.75	0.000	16.21	61.18	0.00			
2/27/99 13:45	1006.88	29.73	0.000	16.47	61.65	0.00			
2/27/99 14:00	1006.75	29.73	0.000	16.99	62.59	0.00	0.00		
2/27/99 14:15	1006.63	29.73	0.000	17.26	63.06	0.00			
2/27/99 14:30	1006.38	29.72	0.000	16.99	62.59	0.00			
2/27/99 14:45	1006.13	29.71	0.000	16.73	62.12	0.00			
2/27/99 15:00	1005.75	29.70	0.000	16.99	62.59	0.00	0.00		
2/27/99 15:15	1005.25	29.69	0.000	16.99	62.59	0.00			
2/27/99 15:30	1005.25	29.69	0.000	17.52	63.53	0.00			
2/27/99 15:45	1004.88	29.67	0.000	17.52	63.53	0.00			
2/27/99 16:00	1004.75	29.67	0.000	17.26	63.06	0.00	0.00		
2/27/99 16:15	1004.63	29.67	0.000	17.26	63.06	0.00			
2/27/99 16:30	1004.38	29.66	0.000	16.99	62.59	0.00			
2/27/99 16:45	1004.13	29.65	0.000	17.26	63.06	0.00			
2/27/99 17:00	1003.63	29.64	0.000	17.26	63.06	0.00	0.00		
2/27/99 17:15	1003.13	29.62	0.000	17.52	63.53	0.00			
2/27/99 17:30	1002.88	29.61	0.000	17.26	63.06	0.00			
2/27/99 17:45	1002.88	29.61	0.000	17.26	63.06	0.00			
2/27/99 18:00	1002.88	29.61	0.000	16.99	62.59	0.00	0.00		
2/27/99 18:15	1002.75	29.61	0.000	16.99	62.59	0.00			
2/27/99 18:30	1002.50	29.60	0.000	17.26	63.06	0.00			
2/27/99 18:45	1002.25	29.60	0.000	17.26	63.06	0.00			
2/27/99 19:00	1002.50	29.60	0.000	16.99	62.59	0.00	0.00		
2/27/99 19:15	1002.75	29.61	0.000	17.26	63.06	0.00			
2/27/99 19:30	1002.88	29.61	0.000	16.99	62.59	0.00			
2/27/99 19:45	1002.38	29.60	0.000	16.47	61.65	0.00			
2/27/99 20:00	1002.25	29.60	0.000	16.99	62.59	0.00	0.00		
2/27/99 20:15	1001.88	29.59	0.000	16.99	62.59	0.00			
2/27/99 20:30	1001.25	29.57	0.000	17.26	63.06	0.00			
2/27/99 20:45	1000.88	29.56	0.000	16.99	62.59	0.00			
2/27/99 21:00	1000.50	29.54	0.000	16.73	62.12	0.00	0.00		
2/27/99 21:15	999.88	29.53	0.000	16.47	61.65	0.00			
2/27/99 21:30	1000.00	29.53	0.000	16.47	61.65	0.00			
2/27/99 21:45	1000.25	29.54	0.000	16.47	61.65	0.00			
2/27/99 22:00	1000.88	29.56	0.000	16.73	62.12	0.00	0.00		
2/27/99 22:15	1001.25	29.57	0.000	16.99	62.59	0.00			
2/27/99 22:30	1000.75	29.55	0.000	16.99	62.59	0.00			
2/27/99 22:45	1000.13	29.53	0.000	16.47	61.65	0.00			
2/27/99 23:00	999.88	29.53	0.000	16.21	61.18	0.00	0.00		
2/27/99 23:15	999.38	29.51	0.000	16.21	61.18	0.00			
2/27/99 23:30	998.63	29.49	0.000	16.47	61.65	0.00			
2/27/99 23:45	999.13	29.50	0.000	16.47	61.65	0.00			
2/28/99 0:00	999.38	29.51	0.000	16.47	61.65	0.00	0.00		
2/28/99 0:15	999.50	29.52	0.000	16.47	61.65	0.00			
2/28/99 0:30	999.38	29.51	0.000	16.47	61.65	0.00			
2/28/99 0:45	999.13	29.50	0.000	16.21	61.18	0.00			
2/28/99 1:00	999.13	29.50	0.000	16.21	61.18	0.00	0.00		
2/28/99 1:15	999.00	29.50	0.000	16.21	61.18	0.00			
2/28/99 1:30	999.13	29.50	0.000	16.21	61.18	0.00			
2/28/99 1:45	999.75	29.52	0.000	16.47	61.65	0.00			
2/28/99 2:00	999.75	29.52	0.000	16.47	61.65	0.00	0.00		
2/28/99 2:15	1000.00	29.53	0.000	16.47	61.65	0.00			
2/28/99 2:30	1000.13	29.53	0.000	16.47	61.65	0.00			
2/28/99 2:45	1000.13	29.53	0.000	16.47	61.65	0.00			
2/28/99 3:00	1000.13	29.53	0.000	16.47	61.65	0.00	0.00		
2/28/99 3:15	1000.13	29.53	0.000	16.47	61.65	0.00			
2/28/99 3:30	1000.25	29.54	0.000	16.47	61.65	0.00			
2/28/99 3:45	1000.25	29.54	0.000	16.47	61.65	0.00			
2/28/99 4:00	1000.50	29.54	0.000	16.47	61.65	0.00	0.00		
2/28/99 4:15	1000.75	29.55	0.000	16.47	61.65	0.00			
2/28/99 4:30	1000.75	29.55	0.000	16.47	61.65	0.00			
2/28/99 4:45	1000.75	29.55	0.000	16.47	61.65	0.00			
2/28/99 5:00	1000.75	29.55	0.000	16.47	61.65	0.00	0.00		
2/28/99 5:15	1000.88	29.56	0.000	16.21	61.18	0.00			
2/28/99 5:30	1001.00	29.56	0.000	16.21	61.18	0.00			

301TELOG99.XLS

Date Time	Bar Press millbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
2/28/99 5:45	1000.88	29.56	0.000	16.21	61.18	0.00			
2/28/99 6:00	1001.13	29.56	0.000	15.95	60.71	0.00	0.00		
2/28/99 6:15	1001.13	29.56	0.000	15.95	60.71	0.00			
2/28/99 6:30	1001.25	29.57	0.000	15.95	60.71	0.00			
2/28/99 6:45	1001.13	29.56	0.000	15.95	60.71	0.00			
2/28/99 7:00	1001.25	29.57	0.000	15.69	60.24	0.00	0.00		
2/28/99 7:15	1001.25	29.57	0.000	15.69	60.24	0.00			
2/28/99 7:30	1001.38	29.57	0.000	15.69	60.24	0.00			
2/28/99 7:45	1001.25	29.57	0.000	15.69	60.24	0.00			
2/28/99 8:00	1001.25	29.57	0.000	15.69	60.24	0.00	0.00		
2/28/99 8:15	1001.25	29.57	0.000	15.69	60.24	0.00			
2/28/99 8:30	1001.38	29.57	0.000	15.69	60.24	0.00			
2/28/99 8:45	1001.50	29.57	0.000	15.69	60.24	0.00			
2/28/99 9:00	1001.50	29.57	0.000	15.69	60.24	0.00	0.00		
2/28/99 9:15	1001.50	29.57	0.000	15.69	60.24	0.00			
2/28/99 9:30	1001.63	29.58	0.000	15.69	60.24	0.00			
2/28/99 9:45	1001.75	29.58	0.000	15.43	59.77	0.00			
2/28/99 10:00	1001.88	29.59	0.000	15.43	59.77	0.00	0.00		
2/28/99 10:15	1002.13	29.59	0.000	15.43	59.77	0.00			
2/28/99 10:30	1002.13	29.59	0.000	15.43	59.77	0.00			
2/28/99 10:45	1002.25	29.60	0.000	15.43	59.77	0.00			
2/28/99 11:00	1002.13	29.59	0.000	15.43	59.77	0.00	0.00		
2/28/99 11:15	1002.25	29.60	0.000	15.43	59.77	0.00			
2/28/99 11:30	1002.25	29.60	0.000	15.43	59.77	0.00			
2/28/99 11:45	1002.25	29.60	0.000	15.69	60.24	0.00			
2/28/99 12:00	1002.25	29.60	0.000	15.69	60.24	0.00	0.00		
2/28/99 12:15	1002.13	29.59	0.000	15.69	60.24	0.00			
2/28/99 12:30	1002.00	29.59	0.000	15.69	60.24	0.00			
2/28/99 12:45	1001.75	29.58	0.000	15.69	60.24	0.00			
2/28/99 13:00	1001.75	29.58	0.000	15.69	60.24	0.00	0.00		
2/28/99 13:15	1001.63	29.58	0.000	15.69	60.24	0.00			
2/28/99 13:30	1001.63	29.58	0.000	15.43	59.77	0.00			
2/28/99 13:45	1001.75	29.58	0.000	15.43	59.77	0.00			
2/28/99 14:00	1001.75	29.58	0.000	15.43	59.77	0.00	0.00		
2/28/99 14:15	1001.63	29.58	0.000	15.43	59.77	0.00			
2/28/99 14:30	1001.63	29.58	0.000	15.43	59.77	0.00			
2/28/99 14:45	1001.75	29.58	0.000	15.43	59.77	0.00			
2/28/99 15:00	1002.00	29.59	0.000	15.43	59.77	0.00	0.00		
2/28/99 15:15	1002.13	29.59	0.000	15.43	59.77	0.00			
2/28/99 15:30	1002.00	29.59	0.000	15.43	59.77	0.00			
2/28/99 15:45	1002.25	29.60	0.000	15.43	59.77	0.00			
2/28/99 16:00	1002.38	29.60	0.000	15.43	59.77	0.00	0.00		
2/28/99 16:15	1002.50	29.60	0.000	15.43	59.77	0.00			
2/28/99 16:30	1002.50	29.60	0.000	15.43	59.77	0.00			
2/28/99 16:45	1002.75	29.61	0.000	15.43	59.77	0.00			
2/28/99 17:00	1003.00	29.62	0.000	15.43	59.77	0.00	0.00		
2/28/99 17:15	1003.25	29.63	0.000	15.43	59.77	0.00			
2/28/99 17:30	1003.50	29.63	0.000	15.43	59.77	0.00			
2/28/99 17:45	1003.63	29.64	0.000	14.90	58.83	0.00			
2/28/99 18:00	1003.75	29.64	0.000	14.90	58.83	0.00	0.00		
2/28/99 18:15	1003.88	29.64	0.000	14.64	58.36	0.00			
2/28/99 18:30	1004.00	29.65	0.000	14.64	58.36	0.00			
2/28/99 18:45	1004.13	29.65	0.000	14.64	58.36	0.00			
2/28/99 19:00	1004.25	29.66	0.000	14.38	57.89	0.00	0.00		
2/28/99 19:15	1004.25	29.66	0.000	14.38	57.89	0.00			
2/28/99 19:30	1004.25	29.66	0.000	14.38	57.89	0.00			
2/28/99 19:45	1004.25	29.66	0.000	13.86	56.95	0.00			
2/28/99 20:00	1004.25	29.66	0.000	13.86	56.95	0.00	0.00		
2/28/99 20:15	1004.38	29.66	0.000	13.86	56.95	0.00			
2/28/99 20:30	1004.38	29.66	0.000	13.86	56.95	0.00			
2/28/99 20:45	1004.25	29.66	0.000	13.86	56.95	0.00			
2/28/99 21:00	1004.25	29.66	0.000	13.86	56.95	0.00	0.00		
2/28/99 21:15	1004.38	29.66	0.000	13.60	56.47	0.00			
2/28/99 21:30	1004.38	29.66	0.000	13.60	56.47	0.00			
2/28/99 21:45	1004.38	29.66	0.000	13.60	56.47	0.00			
2/28/99 22:00	1004.38	29.66	0.000	13.60	56.47	0.00	0.00		
2/28/99 22:15	1004.38	29.66	0.000	13.60	56.47	0.00			
2/28/99 22:30	1004.38	29.66	0.000	13.60	56.47	0.00			
2/28/99 22:45	1004.50	29.66	0.000	13.60	56.47	0.00			
2/28/99 23:00	1004.50	29.66	0.000	13.34	56.00	0.00	0.00		
2/28/99 23:15	1004.50	29.66	0.000	13.34	56.00	0.00			
2/28/99 23:30	1004.50	29.66	0.000	13.34	56.00	0.00			
2/28/99 23:45	1004.38	29.66	0.000	13.34	56.00	0.00			
3/1/99 0:00	1004.38	29.66	0.000	13.34	56.00	0.00	0.00		
3/1/99 0:15	1004.25	29.66	0.000	13.34	56.00	0.00			
3/1/99 0:30	1004.25	29.66	0.000	13.34	56.00	0.00			
3/1/99 0:45	1004.25	29.66	0.000	13.34	56.00	0.00			
3/1/99 1:00	1004.25	29.66	0.000	13.34	56.00	0.00	0.00		
3/1/99 1:15	1004.38	29.66	0.000	13.34	56.00	0.00			
3/1/99 1:30	1004.38	29.66	0.000	13.34	56.00	0.00			
3/1/99 1:45	1004.50	29.66	0.000	13.34	56.00	0.00			
3/1/99 2:00	1004.38	29.66	0.000	13.34	56.00	0.00	0.00		
3/1/99 2:15	1004.50	29.66	0.000	13.34	56.00	0.00			
3/1/99 2:30	1004.50	29.66	0.000	13.34	56.00	0.00			
3/1/99 2:45	1004.50	29.66	0.000	13.34	56.00	0.00			
3/1/99 3:00	1004.63	29.67	0.000	13.34	56.00	0.00	0.00		
3/1/99 3:15	1004.75	29.67	0.000	13.34	56.00	0.00			
3/1/99 3:30	1004.75	29.67	0.000	13.34	56.00	0.00			
3/1/99 3:45	1004.75	29.67	0.000	13.34	56.00	0.00			
3/1/99 4:00	1004.75	29.67	0.000	13.34	56.00	0.00	0.00		
3/1/99 4:15	1004.88	29.67	0.000	13.34	56.00	0.00			
3/1/99 4:30	1005.00	29.68	0.000	13.34	56.00	0.00			
3/1/99 4:45	1005.13	29.68	0.000	13.34	56.00	0.00			
3/1/99 5:00	1005.25	29.69	0.000	13.34	56.00	0.00	0.00		
3/1/99 5:15	1005.50	29.69	0.000	13.34	56.00	0.00			
3/1/99 5:30	1005.75	29.70	0.000	13.34	56.00	0.00			
3/1/99 5:45	1005.75	29.70	0.000	13.07	55.53	0.00			
3/1/99 6:00	1006.00	29.71	0.000	13.07	55.53	0.00	0.00		
3/1/99 6:15	1006.00	29.71	0.000	13.07	55.53	0.00			
3/1/99 6:30	1006.00	29.71	0.000	13.07	55.53	0.00			
3/1/99 6:45	1006.00	29.71	0.000	13.07	55.53	0.00			
3/1/99 7:00	1006.25	29.71	0.000	13.07	55.53	0.00	0.00		
3/1/99 7:15	1006.50	29.72	0.000	13.07	55.53	0.00			
3/1/99 7:30	1006.75	29.73	0.000	13.07	55.53	0.00			
3/1/99 7:45	1007.00	29.74	0.000	13.07	55.53	0.00			
3/1/99 8:00	1007.25	29.74	0.000	13.07	55.53	0.00	0.00		
3/1/99 8:15	1007.50	29.75	0.000	13.07	55.53	0.00			
3/1/99 8:30	1007.63	29.76	0.000	13.07	55.53	0.00			
3/1/99 8:45	1007.75	29.76	0.000	13.07	55.53	0.00			
3/1/99 9:00	1008.00	29.77	0.000	13.07	55.53	0.00	0.00		
3/1/99 9:15	1008.13	29.77	0.000	13.07	55.53	0.00			
3/1/99 9:30	1008.13	29.77	0.000	13.07	55.53	0.00			
3/1/99 9:45	1008.25	29.77	0.000	13.07	55.53	0.00			
3/1/99 10:00	1008.38	29.78	0.000	13.07	55.53	0.00	0.00		
3/1/99 10:15	1008.50	29.78	0.000	13.34	56.00	0.00			
3/1/99 10:30	1008.75	29.79	0.000	13.34	56.00	0.00			
3/1/99 10:45	1008.75	29.79	0.000	13.34	56.00	0.00			
3/1/99 11:00	1008.88	29.79	0.000	13.34	56.00	0.00	0.00		
3/1/99 11:15	1009.13	29.80	0.000	13.60	56.47	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/1/99 11:30	1009.38	29.81	0.000	13.60	56.47	0.00			
3/1/99 11:45	1009.50	29.81	0.000	13.88	56.95	0.00			
3/1/99 12:00	1009.50	29.81	0.000	13.88	56.95	0.00	0.00		
3/1/99 12:15	1009.63	29.81	0.000	13.88	56.95	0.00			
3/1/99 12:30	1009.50	29.81	0.000	14.12	57.42	0.00			
3/1/99 12:45	1009.50	29.81	0.000	14.38	57.89	0.00			
3/1/99 13:00	1009.50	29.81	0.000	14.64	58.36	0.00	0.00		
3/1/99 13:15	1009.50	29.81	0.000	14.64	58.36	0.00			
3/1/99 13:30	1009.50	29.81	0.000	14.64	58.36	0.00			
3/1/99 13:45	1009.50	29.81	0.000	14.90	58.83	0.00			
3/1/99 14:00	1009.25	29.80	0.000	15.43	59.77	0.00	0.00		
3/1/99 14:15	1009.13	29.80	0.000	15.43	59.77	0.00			
3/1/99 14:30	1009.13	29.80	0.000	15.69	60.24	0.00			
3/1/99 14:45	1009.25	29.80	0.000	15.95	60.71	0.00			
3/1/99 15:00	1009.25	29.80	0.000	15.95	60.71	0.00	0.00		
3/1/99 15:15	1009.25	29.80	0.000	15.95	60.71	0.00			
3/1/99 15:30	1009.25	29.80	0.000	15.95	60.71	0.00			
3/1/99 15:45	1009.38	29.81	0.000	16.21	61.18	0.00			
3/1/99 16:00	1009.38	29.81	0.000	16.21	61.18	0.00	0.00		
3/1/99 16:15	1009.50	29.81	0.000	16.21	61.18	0.00			
3/1/99 16:30	1009.63	29.81	0.000	16.47	61.65	0.00			
3/1/99 16:45	1009.63	29.81	0.000	16.47	61.65	0.00			
3/1/99 17:00	1009.63	29.81	0.000	16.47	61.65	0.00	0.00		
3/1/99 17:15	1009.63	29.81	0.000	16.47	61.65	0.00			
3/1/99 17:30	1009.75	29.82	0.000	16.47	61.65	0.00			
3/1/99 17:45	1009.75	29.82	0.000	16.21	61.18	0.00			
3/1/99 18:00	1010.00	29.83	0.000	16.21	61.18	0.00	0.00		
3/1/99 16:15	1009.75	29.82	0.000	16.21	61.18	0.00			
3/1/99 18:30	1009.88	29.82	0.000	15.95	60.71	0.00			
3/1/99 18:45	1010.13	29.83	0.000	15.95	60.71	0.00			
3/1/99 19:00	1010.25	29.83	0.000	15.43	59.77	0.00	0.00		
3/1/99 19:15	1010.50	29.84	0.000	15.43	59.77	0.00			
3/1/99 19:30	1010.50	29.84	0.000	14.90	58.83	0.00			
3/1/99 19:45	1010.50	29.84	0.000	14.64	58.36	0.00			
3/1/99 20:00	1010.50	29.84	0.000	14.64	58.36	0.00	0.00		
3/1/99 20:15	1010.50	29.84	0.000	14.38	57.89	0.00			
3/1/99 20:30	1010.50	29.84	0.000	14.38	57.89	0.00			
3/1/99 20:45	1010.50	29.84	0.000	14.12	57.42	0.00			
3/1/99 21:00	1010.63	29.84	0.000	13.88	56.95	0.00	0.00		
3/1/99 21:15	1010.63	29.84	0.000	13.88	56.95	0.00			
3/1/99 21:30	1010.63	29.84	0.000	13.60	56.47	0.00			
3/1/99 21:45	1010.63	29.84	0.000	13.34	56.00	0.00			
3/1/99 22:00	1010.75	29.85	0.000	13.34	56.00	0.00	0.00		
3/1/99 22:15	1010.75	29.85	0.000	13.07	55.53	0.00			
3/1/99 22:30	1010.75	29.85	0.000	12.55	54.59	0.00			
3/1/99 22:45	1010.63	29.84	0.000	12.55	54.59	0.00			
3/1/99 23:00	1010.88	29.85	0.000	12.55	54.59	0.00	0.00		
3/1/99 23:15	1010.88	29.85	0.000	12.29	54.12	0.00			
3/1/99 23:30	1010.75	29.85	0.000	12.03	53.65	0.00			
3/1/99 23:45	1010.88	29.85	0.000	12.03	53.65	0.00			
3/2/99 0:00	1011.00	29.85	0.000	12.03	53.65	0.00	0.00		
3/2/99 0:15	1011.13	29.86	0.000	11.77	53.18	0.00			
3/2/99 0:30	1011.25	29.88	0.000	11.77	53.18	0.00			
3/2/99 0:45	1011.38	29.87	0.000	11.51	52.71	0.00			
3/2/99 1:00	1011.38	29.87	0.000	11.51	52.71	0.00	0.00		
3/2/99 1:15	1011.38	29.87	0.000	11.51	52.71	0.00			
3/2/99 1:30	1011.63	29.87	0.000	11.25	52.24	0.00			
3/2/99 1:45	1011.75	29.88	0.000	11.25	52.24	0.00			
3/2/99 2:00	1011.75	29.88	0.000	10.98	51.77	0.00	0.00		
3/2/99 2:15	1011.75	29.88	0.000	10.98	51.77	0.00			
3/2/99 2:30	1011.63	29.87	0.000	10.98	51.77	0.00			
3/2/99 2:45	1011.50	29.87	0.000	10.98	51.77	0.00			
3/2/99 3:00	1011.50	29.87	0.000	10.98	51.77	0.00	0.00		
3/2/99 3:15	1011.50	29.87	0.000	10.72	51.30	0.00			
3/2/99 3:30	1011.50	29.87	0.000	10.72	51.30	0.00			
3/2/99 3:45	1011.63	29.87	0.000	10.20	50.36	0.00			
3/2/99 4:00	1011.75	29.88	0.000	10.20	50.36	0.00	0.00		
3/2/99 4:15	1011.75	29.88	0.000	10.20	50.36	0.00			
3/2/99 4:30	1012.00	29.88	0.000	10.20	50.36	0.00			
3/2/99 4:45	1012.13	29.89	0.000	10.20	50.36	0.00			
3/2/99 5:00	1012.25	29.89	0.000	9.94	49.89	0.00	0.00		
3/2/99 5:15	1012.25	29.89	0.000	9.94	49.89	0.00			
3/2/99 5:30	1012.25	29.89	0.000	9.94	49.89	0.00			
3/2/99 5:45	1012.38	29.90	0.000	9.94	49.89	0.00			
3/2/99 6:00	1012.63	29.90	0.000	9.88	49.42	0.00	0.00		
3/2/99 6:15	1012.75	29.91	0.000	9.68	49.42	0.00			
3/2/99 6:30	1012.50	29.90	0.000	9.68	49.42	0.00			
3/2/99 6:45	1012.38	29.90	0.000	9.68	49.42	0.00			
3/2/99 7:00	1012.00	29.88	0.000	9.68	49.42	0.00	0.00		
3/2/99 7:15	1012.00	29.88	0.000	9.68	49.42	0.00			
3/2/99 7:30	1012.13	29.89	0.000	9.68	49.42	0.00			
3/2/99 7:45	1012.50	29.90	0.000	9.68	49.42	0.00			
3/2/99 8:00	1012.50	29.90	0.000	9.94	49.89	0.00	0.00		
3/2/99 8:15	1012.38	29.90	0.000	9.94	49.89	0.00			
3/2/99 8:30	1012.38	29.90	0.000	10.20	50.36	0.00			
3/2/99 8:45	1012.38	29.90	0.000	10.72	51.30	0.00			
3/2/99 9:00	1012.63	29.90	0.000	10.98	51.77	0.00	0.00		
3/2/99 9:15	1012.50	29.90	0.000	11.25	52.24	0.00			
3/2/99 9:30	1012.50	29.90	0.000	11.51	52.71	0.00			
3/2/99 9:45	1012.88	29.91	0.000	11.51	52.71	0.00			
3/2/99 10:00	1012.88	29.91	0.000	12.03	53.65	0.00	0.00		
3/2/99 10:15	1012.38	29.90	0.000	12.03	53.65	0.00			
3/2/99 10:30	1012.25	29.89	0.000	12.29	54.12	0.00			
3/2/99 10:45	1012.38	29.90	0.000	12.55	54.59	0.00			
3/2/99 11:00	1012.38	29.90	0.000	12.55	54.59	0.00	0.00		
3/2/99 11:15	1012.25	29.89	0.000	12.81	55.06	0.00			
3/2/99 11:30	1012.00	29.88	0.000	13.07	55.53	0.00			
3/2/99 11:45	1011.75	29.88	0.000	13.34	56.00	0.00			
3/2/99 12:00	1011.50	29.87	0.000	13.34	56.00	0.00	0.00		
3/2/99 12:15	1011.25	29.86	0.000	13.60	56.47	0.00			
3/2/99 12:30	1011.00	29.85	0.000	13.60	56.47	0.00			
3/2/99 12:45	1010.63	29.84	0.000	13.88	56.95	0.00			
3/2/99 13:00	1010.13	29.83	0.000	13.88	56.95	0.00	0.00		
3/2/99 13:15	1009.75	29.82	0.000	13.88	56.95	0.00			
3/2/99 13:30	1009.50	29.81	0.000	13.88	56.95	0.00			
3/2/99 13:45	1009.13	29.80	0.000	14.38	57.89	0.00			
3/2/99 14:00	1008.88	29.79	0.000	14.64	58.36	0.00	0.00		
3/2/99 14:15	1008.63	29.78	0.000	14.64	58.36	0.00			
3/2/99 14:30	1008.50	29.78	0.000	14.64	58.36	0.00			
3/2/99 14:45	1008.13	29.77	0.000	14.90	58.83	0.00			
3/2/99 15:00	1007.88	29.76	0.000	15.43	59.77	0.00	0.00		
3/2/99 15:15	1007.50	29.75	0.000	15.43	59.77	0.00			
3/2/99 15:30	1007.50	29.75	0.000	15.43	59.77	0.00			
3/2/99 15:45	1007.50	29.75	0.000	15.43	59.77	0.00			
3/2/99 16:00	1007.25	29.74	0.000	15.69	60.24	0.00	0.00		
3/2/99 16:15	1007.00	29.74	0.000	15.69	60.24	0.00			
3/2/99 16:30	1006.88	29.73	0.000	15.95	60.71	0.00			
3/2/99 16:45	1006.50	29.72	0.000	15.95	60.71	0.00			
3/2/99 17:00	1006.38	29.72	0.000	15.95	60.71	0.00	0.00		

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/2/99 17:15	1006.13	29.71	0.000	15.95	60.71	0.00			
3/2/99 17:30	1006.00	29.71	0.000	15.95	60.71	0.00			
3/2/99 17:45	1005.75	29.70	0.000	16.21	61.18	0.00			
3/2/99 18:00	1005.50	29.69	0.000	16.21	61.18	0.00	0.00		
3/2/99 18:15	1005.00	29.68	0.000	16.21	61.18	0.00			
3/2/99 18:30	1005.13	29.68	0.000	16.21	61.18	0.00			
3/2/99 18:45	1004.88	29.67	0.000	16.21	61.18	0.00			
3/2/99 19:00	1004.50	29.66	0.000	16.21	61.18	0.00	0.00		
3/2/99 19:15	1004.63	29.67	0.000	16.21	61.18	0.00			
3/2/99 19:30	1005.13	29.68	0.000	15.95	60.71	0.00			
3/2/99 19:45	1005.38	29.69	0.000	15.95	60.71	0.00			
3/2/99 20:00	1005.13	29.68	0.000	15.95	60.71	0.00	0.00		
3/2/99 20:15	1004.63	29.67	0.000	15.95	60.71	0.00			
3/2/99 20:30	1004.00	29.65	0.000	15.95	60.71	0.00			
3/2/99 20:45	1003.63	29.64	0.000	15.95	60.71	0.00			
3/2/99 21:00	1003.38	29.63	0.000	15.95	60.71	0.00	0.00		
3/2/99 21:15	1003.00	29.62	0.000	15.95	60.71	0.00			
3/2/99 21:30	1002.88	29.61	0.000	15.95	60.71	0.00			
3/2/99 21:45	1002.75	29.61	0.000	15.95	60.71	0.00			
3/2/99 22:00	1002.50	29.60	0.000	15.95	60.71	0.00	0.00		
3/2/99 22:15	1002.00	29.59	0.000	15.95	60.71	0.00			
3/2/99 22:30	1001.88	29.59	0.000	15.95	60.71	0.00			
3/2/99 22:45	1001.63	29.58	0.000	15.95	60.71	0.00			
3/2/99 23:00	1001.50	29.57	0.000	15.95	60.71	0.00	0.00		
3/2/99 23:15	1001.50	29.57	0.000	15.95	60.71	0.00			
3/2/99 23:30	1001.50	29.57	0.000	15.69	60.24	0.00			
3/2/99 23:45	1001.38	29.57	0.000	15.69	60.24	0.00			
3/3/99 0:00	1001.13	29.56	0.000	15.69	60.24	0.00	0.00		
3/3/99 0:15	1001.00	29.56	0.000	15.69	60.24	0.00			
3/3/99 0:30	1001.13	29.56	0.000	15.69	60.24	0.00			
3/3/99 0:45	1001.25	29.57	0.000	15.69	60.24	0.00			
3/3/99 1:00	1001.00	29.56	0.000	15.69	60.24	0.00	0.00		
3/3/99 1:15	1000.75	29.55	0.000	15.69	60.24	0.00			
3/3/99 1:30	1000.75	29.55	0.000	15.69	60.24	0.00			
3/3/99 1:45	1000.75	29.55	0.000	15.43	59.77	0.00			
3/3/99 2:00	1001.00	29.56	0.000	15.43	59.77	0.00	0.00		
3/3/99 2:15	1001.13	29.56	0.000	15.43	59.77	0.00			
3/3/99 2:30	1001.13	29.56	0.000	15.43	59.77	0.00			
3/3/99 2:45	1001.13	29.56	0.000	15.43	59.77	0.00			
3/3/99 3:00	1001.25	29.57	0.000	15.43	59.77	0.00	0.00		
3/3/99 3:15	1001.13	29.56	0.000	15.16	59.30	0.00			
3/3/99 3:30	1001.00	29.56	0.000	15.16	59.30	0.00			
3/3/99 3:45	1001.00	29.56	0.000	15.43	59.77	0.00			
3/3/99 4:00	1001.00	29.56	0.000	15.16	59.30	0.00	0.00		
3/3/99 4:15	1000.75	29.55	0.000	14.90	58.83	0.00			
3/3/99 4:30	1000.50	29.54	0.000	14.90	58.83	0.00			
3/3/99 4:45	1000.50	29.54	0.000	14.64	58.36	0.00			
3/3/99 5:00	1000.63	29.55	0.000	14.64	58.36	0.00	0.00		
3/3/99 5:15	1000.75	29.55	0.000	14.64	58.36	0.00			
3/3/99 5:30	1000.63	29.55	0.000	14.64	58.36	0.00			
3/3/99 5:45	1000.75	29.55	0.000	14.38	57.89	0.00			
3/3/99 6:00	1000.75	29.55	0.000	14.38	57.89	0.00	0.00		
3/3/99 6:15	1000.75	29.55	0.000	13.86	56.95	0.00			
3/3/99 6:30	1001.00	29.56	0.000	13.86	56.95	0.00			
3/3/99 6:45	1001.00	29.56	0.000	13.86	56.95	0.00			
3/3/99 7:00	1001.13	29.56	0.000	13.60	56.47	0.00	0.00		
3/3/99 7:15	1001.38	29.57	0.000	13.60	56.47	0.00			
3/3/99 7:30	1001.63	29.58	0.000	13.34	56.00	0.00			
3/3/99 7:45	1001.75	29.58	0.000	13.34	56.00	0.00			
3/3/99 8:00	1001.88	29.59	0.000	13.07	55.53	0.00	0.00		
3/3/99 8:15	1002.13	29.59	0.000	13.07	55.53	0.00			
3/3/99 8:30	1002.38	29.60	0.000	12.55	54.59	0.00			
3/3/99 8:45	1002.63	29.61	0.000	12.29	54.12	0.00			
3/3/99 9:00	1002.63	29.61	0.000	12.29	54.12	0.00	0.00		
3/3/99 9:15	1003.00	29.62	0.000	12.29	54.12	0.00			
3/3/99 9:30	1003.13	29.62	0.000	12.03	53.65	0.00			
3/3/99 9:45	1003.38	29.63	0.000	12.03	53.65	0.00			
3/3/99 10:00	1003.38	29.63	0.000	12.03	53.65	0.00	0.00		
3/3/99 10:15	1003.63	29.64	0.000	12.03	53.65	0.00			
3/3/99 10:30	1003.75	29.64	0.000	11.77	53.18	0.00			
3/3/99 10:45	1004.00	29.65	0.000	11.77	53.18	0.00			
3/3/99 11:00	1004.00	29.65	0.000	11.51	52.71	0.00	0.00		
3/3/99 11:15	1004.00	29.65	0.000	11.51	52.71	0.00			
3/3/99 11:30	1004.50	29.66	0.000	11.51	52.71	0.00			
3/3/99 11:45	1004.88	29.67	0.000	11.51	52.71	0.00			
3/3/99 12:00	1005.25	29.69	0.000	11.51	52.71	0.00	0.00		
3/3/99 12:15	1005.75	29.70	0.000	11.51	52.71	0.00			
3/3/99 12:30	1006.00	29.71	0.000	11.51	52.71	0.00			
3/3/99 12:45	1006.00	29.71	0.000	11.51	52.71	0.00			
3/3/99 13:00	1006.00	29.71	0.000	11.51	52.71	0.00	0.00		
3/3/99 13:15	1006.13	29.71	0.000	11.51	52.71	0.00			
3/3/99 13:30	1006.38	29.72	0.000	11.25	52.24	0.00			
3/3/99 13:45	1006.50	29.72	0.000	11.25	52.24	0.00			
3/3/99 14:00	1006.63	29.73	0.000	11.25	52.24	0.00	0.00		
3/3/99 14:15	1006.50	29.72	0.000	11.25	52.24	0.00			
3/3/99 14:30	1006.63	29.73	0.000	11.51	52.71	0.00			
3/3/99 14:45	1006.75	29.73	0.000	11.51	52.71	0.00			
3/3/99 15:00	1006.63	29.73	0.000	11.25	52.24	0.00	0.00		
3/3/99 15:15	1006.25	29.71	0.000	11.25	52.24	0.00			
3/3/99 15:30	1006.83	29.73	0.000	11.25	52.24	0.00			
3/3/99 15:45	1007.25	29.74	0.000	11.25	52.24	0.00			
3/3/99 16:00	1007.88	29.76	0.000	11.51	52.71	0.00	0.00		
3/3/99 16:15	1008.00	29.77	0.000	11.51	52.71	0.00			
3/3/99 16:30	1008.25	29.77	0.000	11.51	52.71	0.00			
3/3/99 16:45	1008.50	29.78	0.000	11.51	52.71	0.00			
3/3/99 17:00	1008.50	29.78	0.000	11.51	52.71	0.00	0.00		
3/3/99 17:15	1008.88	29.79	0.000	11.51	52.71	0.00			
3/3/99 17:30	1009.38	29.81	0.000	11.51	52.71	0.00			
3/3/99 17:45	1009.50	29.81	0.000	11.51	52.71	0.00			
3/3/99 18:00	1009.75	29.82	0.000	11.51	52.71	0.00	0.00		
3/3/99 18:15	1009.88	29.82	0.000	11.51	52.71	0.00			
3/3/99 18:30	1010.13	29.83	0.000	11.25	52.24	0.00			
3/3/99 18:45	1010.38	29.84	0.000	11.25	52.24	0.00			
3/3/99 19:00	1010.50	29.84	0.000	11.25	52.24	0.00	0.00		
3/3/99 19:15	1010.50	29.84	0.000	11.25	52.24	0.00			
3/3/99 19:30	1010.50	29.84	0.000	11.25	52.24	0.00			
3/3/99 19:45	1010.50	29.84	0.000	10.98	51.77	0.00			
3/3/99 20:00	1010.63	29.84	0.000	10.98	51.77	0.00	0.00		
3/3/99 20:15	1010.63	29.84	0.000	10.98	51.77	0.00			
3/3/99 20:30	1010.75	29.85	0.000	10.98	51.77	0.00			
3/3/99 20:45	1010.88	29.85	0.000	10.98	51.77	0.00			
3/3/99 21:00	1011.00	29.85	0.000	10.98	51.77	0.00	0.00		
3/3/99 21:15	1011.25	29.86	0.000	10.72	51.30	0.00			
3/3/99 21:30	1011.38	29.87	0.000	10.72	51.30	0.00			
3/3/99 21:45	1011.50	29.87	0.000	10.72	51.30	0.00			
3/3/99 22:00	1011.75	29.88	0.000	10.72	51.30	0.00	0.00		
3/3/99 22:15	1012.00	29.88	0.000	10.48	50.83	0.00			
3/3/99 22:30	1012.13	29.89	0.000	10.20	50.36	0.00			
3/3/99 22:45	1012.38	29.90	0.000	10.20	50.36	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/3/99 23:00	1012.63	29.90	0.000	10.20	50.36	0.00	0.00		
3/3/99 23:15	1012.75	29.91	0.000	10.20	50.36	0.00			
3/3/99 23:30	1013.00	29.91	0.000	10.20	50.36	0.00			
3/3/99 23:45	1013.25	29.92	0.000	10.20	50.36	0.00			
3/4/99 0:00	1013.38	29.92	0.000	10.20	50.36	0.00	0.00		
3/4/99 0:15	1013.63	29.93	0.000	10.20	50.36	0.00			
3/4/99 0:30	1013.75	29.94	0.000	10.20	50.36	0.00			
3/4/99 0:45	1013.88	29.94	0.000	10.20	50.36	0.00			
3/4/99 1:00	1014.00	29.94	0.000	10.20	50.36	0.00	0.00		
3/4/99 1:15	1014.13	29.95	0.000	10.20	50.36	0.00			
3/4/99 1:30	1014.38	29.95	0.000	10.20	50.36	0.00			
3/4/99 1:45	1014.50	29.96	0.000	10.20	50.36	0.00			
3/4/99 2:00	1014.63	29.96	0.000	10.20	50.36	0.00	0.00		
3/4/99 2:15	1014.75	29.97	0.000	9.94	49.89	0.00			
3/4/99 2:30	1014.75	29.97	0.000	9.94	49.89	0.00			
3/4/99 2:45	1014.75	29.97	0.000	9.68	49.42	0.00			
3/4/99 3:00	1014.63	29.96	0.000	9.68	49.42	0.00	0.00		
3/4/99 3:15	1014.50	29.96	0.000	9.68	49.42	0.00			
3/4/99 3:30	1014.63	29.96	0.000	9.68	49.42	0.00			
3/4/99 3:45	1014.75	29.97	0.000	9.88	49.42	0.00			
3/4/99 4:00	1014.88	29.97	0.000	9.68	49.42	0.00	0.00		
3/4/99 4:15	1015.00	29.97	0.000	9.68	49.42	0.00			
3/4/99 4:30	1015.13	29.98	0.000	9.88	49.42	0.00			
3/4/99 4:45	1015.25	29.98	0.000	9.88	49.42	0.00			
3/4/99 5:00	1015.38	29.98	0.000	9.88	49.42	0.00	0.00		
3/4/99 5:15	1015.63	29.99	0.000	9.68	49.42	0.00			
3/4/99 5:30	1015.88	30.00	0.000	9.42	48.95	0.00			
3/4/99 5:45	1016.13	30.01	0.000	9.42	48.95	0.00			
3/4/99 6:00	1016.38	30.01	0.000	9.42	48.95	0.00	0.00		
3/4/99 6:15	1016.63	30.02	0.000	9.42	48.95	0.00			
3/4/99 6:30	1016.88	30.03	0.000	9.16	48.48	0.00			
3/4/99 6:45	1017.13	30.04	0.000	9.42	48.95	0.00			
3/4/99 7:00	1017.38	30.04	0.000	9.16	48.48	0.00	0.00		
3/4/99 7:15	1017.50	30.05	0.000	9.42	48.95	0.00			
3/4/99 7:30	1017.88	30.06	0.000	9.42	48.95	0.00			
3/4/99 7:45	1018.13	30.07	0.000	9.42	48.95	0.00			
3/4/99 8:00	1018.38	30.07	0.000	9.42	48.95	0.00	0.00		
3/4/99 8:15	1018.63	30.08	0.000	9.42	48.95	0.00			
3/4/99 8:30	1018.88	30.09	0.000	9.68	49.42	0.00			
3/4/99 8:45	1019.00	30.09	0.000	9.68	49.42	0.00			
3/4/99 9:00	1019.38	30.10	0.000	9.68	49.42	0.00	0.00		
3/4/99 9:15	1019.63	30.11	0.000	9.94	49.89	0.00			
3/4/99 9:30	1019.75	30.11	0.000	9.88	49.42	0.00			
3/4/99 9:45	1019.75	30.11	0.000	8.89	48.01	0.00			
3/4/99 10:00	1019.75	30.11	0.000	8.11	46.60	0.00	0.00		
3/4/99 10:15	1019.88	30.12	0.000	7.33	45.19	0.00			
3/4/99 10:30	1020.00	30.12	0.000	7.06	44.72	0.00			
3/4/99 10:45	1020.00	30.12	0.000	6.54	43.78	0.00			
3/4/99 11:00	1020.13	30.12	0.000	6.54	43.78	0.00	0.00		
3/4/99 11:15	1020.25	30.13	0.000	6.28	43.31	0.00			
3/4/99 11:30	1020.00	30.12	0.000	6.28	43.31	0.00			
3/4/99 11:45	1020.00	30.12	0.000	6.02	42.84	0.00			
3/4/99 12:00	1020.00	30.12	0.000	6.02	42.84	0.00	0.00		
3/4/99 12:15	1020.00	30.12	0.000	6.02	42.84	0.00			
3/4/99 12:30	1020.00	30.12	0.000	6.02	42.84	0.00			
3/4/99 12:45	1020.00	30.12	0.000	6.28	43.31	0.00			
3/4/99 13:00	1019.88	30.12	0.000	6.28	43.31	0.00	0.00		
3/4/99 13:15	1019.63	30.11	0.000	6.54	43.78	0.00			
3/4/99 13:30	1019.88	30.12	0.000	6.54	43.78	0.00			
3/4/99 13:45	1019.88	30.12	0.000	7.33	45.19	0.00			
3/4/99 14:00	1020.00	30.12	0.000	8.37	47.07	0.00	0.00		
3/4/99 14:15	1020.13	30.12	0.000	9.42	48.95	0.00			
3/4/99 14:30	1020.25	30.13	0.000	10.20	50.36	0.00			
3/4/99 14:45	1020.50	30.14	0.000	11.25	52.24	0.00			
3/4/99 15:00	1020.63	30.14	0.000	12.03	53.65	0.00	0.00		
3/4/99 15:15	1020.63	30.14	0.000	12.55	54.59	0.00			
3/4/99 15:30	1020.63	30.14	0.000	13.34	56.00	0.00			
3/4/99 15:45	1020.50	30.14	0.000	13.86	56.95	0.00			
3/4/99 16:00	1020.50	30.14	0.000	14.64	58.36	0.00	0.00		
3/4/99 16:15	1020.50	30.14	0.000	15.16	59.30	0.00			
3/4/99 16:30	1020.50	30.14	0.000	15.43	59.77	0.00			
3/4/99 16:45	1020.63	30.14	0.000	15.95	60.71	0.00			
3/4/99 17:00	1020.75	30.14	0.000	15.95	60.71	0.00	0.00		
3/4/99 17:15	1021.00	30.15	0.000	15.95	60.71	0.00			
3/4/99 17:30	1021.00	30.15	0.000	15.95	60.71	0.00			
3/4/99 17:45	1021.00	30.15	0.000	15.95	60.71	0.00			
3/4/99 18:00	1021.13	30.15	0.000	15.95	60.71	0.00	0.00		
3/4/99 18:15	1021.25	30.16	0.000	15.69	60.24	0.00			
3/4/99 18:30	1021.38	30.16	0.000	15.43	59.77	0.00			
3/4/99 18:45	1021.25	30.16	0.000	15.16	59.30	0.00			
3/4/99 19:00	1021.25	30.16	0.000	14.64	58.36	0.00	0.00		
3/4/99 19:15	1021.25	30.16	0.000	14.64	58.36	0.00			
3/4/99 19:30	1021.13	30.15	0.000	14.38	57.89	0.00			
3/4/99 19:45	1021.00	30.15	0.000	13.86	56.95	0.00			
3/4/99 20:00	1021.13	30.15	0.000	13.86	56.95	0.00	0.00		
3/4/99 20:15	1021.25	30.16	0.000	13.86	56.95	0.00			
3/4/99 20:30	1021.25	30.16	0.000	13.60	56.47	0.00			
3/4/99 20:45	1021.25	30.16	0.000	13.60	56.47	0.00			
3/4/99 21:00	1021.38	30.16	0.000	13.34	56.00	0.00	0.00		
3/4/99 21:15	1021.38	30.16	0.000	13.34	56.00	0.00			
3/4/99 21:30	1021.38	30.16	0.000	13.34	56.00	0.00			
3/4/99 21:45	1021.25	30.16	0.000	13.07	55.53	0.00			
3/4/99 22:00	1021.38	30.16	0.000	12.81	55.06	0.00	0.00		
3/4/99 22:15	1021.38	30.16	0.000	12.55	54.59	0.00			
3/4/99 22:30	1021.63	30.17	0.000	12.55	54.59	0.00			
3/4/99 22:45	1021.75	30.17	0.000	12.29	54.12	0.00			
3/4/99 23:00	1021.75	30.17	0.000	12.03	53.65	0.00	0.00		
3/4/99 23:15	1021.25	30.16	0.000	12.03	53.65	0.00			
3/4/99 23:30	1021.00	30.15	0.000	12.03	53.65	0.00			
3/4/99 23:45	1021.13	30.15	0.000	11.77	53.18	0.00			
3/5/99 0:00	1021.25	30.16	0.000	11.77	53.18	0.00	0.00		
3/5/99 0:15	1021.13	30.15	0.000	11.77	53.18	0.00			
3/5/99 0:30	1021.13	30.15	0.000	11.77	53.18	0.00			
3/5/99 0:45	1021.13	30.15	0.000	11.77	53.18	0.00			
3/5/99 1:00	1021.13	30.15	0.000	11.77	53.18	0.00	0.00		
3/5/99 1:15	1021.38	30.16	0.000	11.77	53.18	0.00			
3/5/99 1:30	1021.38	30.16	0.000	11.77	53.18	0.00			
3/5/99 1:45	1021.63	30.17	0.000	12.03	53.65	0.00			
3/5/99 2:00	1021.75	30.17	0.000	12.03	53.65	0.00	0.00		
3/5/99 2:15	1021.63	30.17	0.000	12.03	53.65	0.00			
3/5/99 2:30	1021.75	30.17	0.000	12.03	53.65	0.00			
3/5/99 2:45	1021.63	30.17	0.000	12.03	53.65	0.00			
3/5/99 3:00	1021.50	30.16	0.000	12.03	53.65	0.00	0.00		
3/5/99 3:15	1021.75	30.17	0.000	12.03	53.65	0.00			
3/5/99 3:30	1021.88	30.18	0.000	12.03	53.65	0.00			
3/5/99 3:45	1021.75	30.17	0.000	11.77	53.18	0.00			
3/5/99 4:00	1021.63	30.17	0.000	11.77	53.18	0.00	0.00		
3/5/99 4:15	1021.50	30.16	0.000	11.77	53.18	0.00			
3/5/99 4:30	1021.50	30.16	0.000	11.77	53.18	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/5/99 4:45	1021.50	30.18	0.000	11.77	53.18	0.00			
3/5/99 5:00	1021.50	30.18	0.000	11.77	53.18	0.00	0.00		
3/5/99 5:15	1021.50	30.18	0.000	11.77	53.18	0.00			
3/5/99 5:30	1021.63	30.17	0.000	11.77	53.18	0.00			
3/5/99 5:45	1021.63	30.17	0.000	11.77	53.18	0.00			
3/5/99 6:00	1021.50	30.16	0.000	11.77	53.18	0.00	0.00		
3/5/99 6:15	1021.50	30.16	0.000	11.77	53.18	0.00			
3/5/99 6:30	1021.38	30.16	0.000	11.51	52.71	0.00			
3/5/99 6:45	1021.25	30.16	0.000	11.51	52.71	0.00			
3/5/99 7:00	1021.50	30.16	0.000	11.51	52.71	0.00	0.00		
3/5/99 7:15	1021.38	30.16	0.000	11.51	52.71	0.00			
3/5/99 7:30	1021.25	30.16	0.000	11.51	52.71	0.00			
3/5/99 7:45	1021.50	30.16	0.000	11.51	52.71	0.00			
3/5/99 8:00	1021.50	30.16	0.000	11.77	53.18	0.00	0.00		
3/5/99 8:15	1021.63	30.17	0.000	11.77	53.18	0.00			
3/5/99 8:30	1021.75	30.17	0.000	11.77	53.18	0.00			
3/5/99 8:45	1021.75	30.17	0.000	12.03	53.65	0.00			
3/5/99 9:00	1021.75	30.17	0.000	12.03	53.65	0.00	0.00		
3/5/99 9:15	1021.63	30.17	0.000	11.77	53.18	0.00			
3/5/99 9:30	1021.63	30.17	0.000	12.03	53.65	0.00			
3/5/99 9:45	1021.50	30.16	0.000	12.29	54.12	0.00			
3/5/99 10:00	1021.38	30.16	0.000	12.29	54.12	0.00	0.00		
3/5/99 10:15	1021.25	30.16	0.000	12.55	54.59	0.00			
3/5/99 10:30	1021.00	30.15	0.000	12.55	54.59	0.00			
3/5/99 10:45	1020.88	30.15	0.000	13.07	55.53	0.00			
3/5/99 11:00	1020.88	30.15	0.000	13.34	56.00	0.00	0.00		
3/5/99 11:15	1020.75	30.14	0.000	13.60	56.47	0.00			
3/5/99 11:30	1020.50	30.14	0.000	13.86	56.95	0.00			
3/5/99 11:45	1020.38	30.13	0.000	14.12	57.42	0.00			
3/5/99 12:00	1020.13	30.12	0.000	14.64	58.36	0.00	0.00		
3/5/99 12:15	1020.00	30.12	0.000	14.90	58.83	0.00			
3/5/99 12:30	1019.63	30.11	0.000	15.43	59.77	0.00			
3/5/99 12:45	1019.50	30.11	0.000	15.69	60.24	0.00			
3/5/99 13:00	1019.38	30.10	0.000	15.95	60.71	0.00	0.00		
3/5/99 13:15	1019.13	30.09	0.000	15.95	60.71	0.00			
3/5/99 13:30	1019.00	30.09	0.000	16.21	61.18	0.00			
3/5/99 13:45	1018.88	30.09	0.000	16.47	61.65	0.00			
3/5/99 14:00	1018.75	30.08	0.000	16.47	61.65	0.00	0.00		
3/5/99 14:15	1018.50	30.08	0.000	16.99	62.59	0.00			
3/5/99 14:30	1018.38	30.07	0.000	16.99	62.59	0.00			
3/5/99 14:45	1018.25	30.07	0.000	17.26	63.06	0.00			
3/5/99 15:00	1018.00	30.06	0.000	17.26	63.06	0.00	0.00		
3/5/99 15:15	1017.75	30.05	0.000	17.26	63.06	0.00			
3/5/99 15:30	1017.75	30.05	0.000	17.26	63.06	0.00			
3/5/99 15:45	1017.50	30.05	0.000	17.26	63.06	0.00			
3/5/99 16:00	1017.25	30.04	0.000	17.52	63.53	0.00	0.00		
3/5/99 16:15	1017.25	30.04	0.000	17.52	63.53	0.00			
3/5/99 16:30	1017.00	30.03	0.000	17.52	63.53	0.00			
3/5/99 16:45	1016.75	30.02	0.000	17.52	63.53	0.00			
3/5/99 17:00	1016.75	30.02	0.000	17.26	63.06	0.00	0.00		
3/5/99 17:15	1016.50	30.02	0.000	16.73	62.12	0.00			
3/5/99 17:30	1016.13	30.01	0.000	16.73	62.12	0.00			
3/5/99 17:45	1016.13	30.01	0.000	16.99	62.59	0.00			
3/5/99 18:00	1016.00	30.00	0.000	16.99	62.59	0.00	0.00		
3/5/99 18:15	1015.88	30.00	0.000	16.99	62.59	0.00			
3/5/99 18:30	1015.88	30.00	0.000	16.99	62.59	0.00			
3/5/99 18:45	1015.75	30.00	0.000	16.99	62.59	0.00			
3/5/99 19:00	1015.75	30.00	0.000	16.99	62.59	0.00	0.00		
3/5/99 19:15	1015.50	29.99	0.000	16.99	62.59	0.00			
3/5/99 19:30	1015.25	29.98	0.000	16.99	62.59	0.00			
3/5/99 19:45	1014.88	29.97	0.000	16.99	62.59	0.00			
3/5/99 20:00	1014.63	29.96	0.000	16.99	62.59	0.00	0.00		
3/5/99 20:15	1014.50	29.96	0.000	16.99	62.59	0.00			
3/5/99 20:30	1014.50	29.96	0.000	16.99	62.59	0.00			
3/5/99 20:45	1014.25	29.95	0.000	16.99	62.59	0.00			
3/5/99 21:00	1014.13	29.95	0.000	16.73	62.12	0.00	0.00		
3/5/99 21:15	1013.88	29.94	0.000	16.47	61.65	0.00			
3/5/99 21:30	1013.38	29.92	0.000	16.47	61.65	0.00			
3/5/99 21:45	1013.00	29.91	0.000	16.47	61.65	0.00			
3/5/99 22:00	1012.88	29.91	0.000	16.47	61.65	0.00	0.00		
3/5/99 22:15	1012.50	29.90	0.000	16.21	61.18	0.00			
3/5/99 22:30	1012.00	29.88	0.000	16.21	61.18	0.00			
3/5/99 22:45	1011.88	29.88	0.000	16.21	61.18	0.00			
3/5/99 23:00	1012.00	29.88	0.000	16.21	61.18	0.00	0.00		
3/5/99 23:15	1011.88	29.88	0.000	15.95	60.71	0.00			
3/5/99 23:30	1011.63	29.87	0.000	15.95	60.71	0.00			
3/5/99 23:45	1011.50	29.87	0.000	15.95	60.71	0.00			
3/6/99 0:00	1011.63	29.87	0.000	15.95	60.71	0.00	0.00		
3/6/99 0:15	1012.50	29.90	0.000	15.95	60.71	0.00			
3/6/99 0:30	1012.63	29.90	0.000	15.95	60.71	0.00			
3/6/99 0:45	1012.38	29.90	0.000	15.95	60.71	0.00			
3/6/99 1:00	1012.25	29.89	0.000	15.95	60.71	0.00	0.00		
3/6/99 1:15	1012.00	29.88	0.000	15.69	60.24	0.00			
3/6/99 1:30	1011.75	29.88	0.000	15.69	60.24	0.00			
3/6/99 1:45	1011.88	29.88	0.000	15.69	60.24	0.00			
3/6/99 2:00	1011.13	29.86	0.000	15.43	59.77	0.00	0.00		
3/6/99 2:15	1011.38	29.87	0.000	15.43	59.77	0.00			
3/6/99 2:30	1011.13	29.86	0.000	15.43	59.77	0.00			
3/6/99 2:45	1010.63	29.84	0.000	15.43	59.77	0.00			
3/6/99 3:00	1010.25	29.83	0.000	15.43	59.77	0.00	0.00		
3/6/99 3:15	1010.00	29.83	0.000	15.43	59.77	0.00			
3/6/99 3:30	1009.63	29.81	0.000	15.43	59.77	0.00			
3/6/99 3:45	1009.25	29.80	0.000	15.16	59.30	0.00			
3/6/99 4:00	1009.00	29.80	0.000	15.16	59.30	0.00	0.00		
3/6/99 4:15	1008.88	29.79	0.000	15.16	59.30	0.00			
3/6/99 4:30	1008.63	29.78	0.000	15.16	59.30	0.00			
3/6/99 4:45	1008.75	29.79	0.000	14.90	58.83	0.00			
3/6/99 5:00	1008.75	29.79	0.000	14.90	58.83	0.00	0.00		
3/6/99 5:15	1008.88	29.79	0.000	14.90	58.83	0.00			
3/6/99 5:30	1009.13	29.80	0.000	14.90	58.83	0.00			
3/6/99 5:45	1009.25	29.80	0.000	14.90	58.83	0.00			
3/6/99 6:00	1009.50	29.81	0.000	14.90	58.83	0.00	0.00		
3/6/99 6:15	1009.63	29.81	0.000	14.90	58.83	0.00			
3/6/99 6:30	1009.25	29.80	0.000	14.90	58.83	0.00			
3/6/99 6:45	1009.38	29.81	0.000	14.90	58.83	0.00			
3/6/99 7:00	1009.63	29.81	0.000	14.90	58.83	0.00	0.00		
3/6/99 7:15	1010.25	29.83	0.000	14.90	58.83	0.00			
3/6/99 7:30	1010.63	29.84	0.000	14.90	58.83	0.00			
3/6/99 7:45	1010.75	29.85	0.000	15.16	59.30	0.00			
3/6/99 8:00	1011.13	29.86	0.000	15.16	59.30	0.00	0.00		
3/6/99 8:15	1011.38	29.87	0.000	15.43	59.77	0.00			
3/6/99 8:30	1011.88	29.88	0.000	15.43	59.77	0.00			
3/6/99 8:45	1012.25	29.89	0.000	15.43	59.77	0.00			
3/6/99 9:00	1012.75	29.91	0.000	15.43	59.77	0.00	0.00		
3/6/99 9:15	1013.00	29.91	0.000	15.43	59.77	0.00			
3/6/99 9:30	1013.13	29.92	0.000	15.43	59.77	0.00			
3/6/99 9:45	1013.38	29.92	0.000	15.43	59.77	0.00			
3/6/99 10:00	1013.63	29.93	0.000	15.43	59.77	0.00	0.00		
3/6/99 10:15	1014.13	29.95	0.000	14.90	58.83	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/6/99 10:30	1014.75	29.97	0.000	14.84	58.38	0.00			
3/6/99 10:45	1015.25	29.98	0.000	14.84	58.38	0.00			
3/6/99 11:00	1015.75	30.00	0.000	14.38	57.89	0.00	0.00		
3/6/99 11:15	1016.13	30.01	0.000	14.12	57.42	0.00			
3/6/99 11:30	1016.38	30.01	0.000	13.86	56.95	0.00			
3/6/99 11:45	1016.63	30.02	0.000	13.60	56.47	0.00			
3/6/99 12:00	1016.88	30.03	0.000	13.60	56.47	0.00	0.00		
3/6/99 12:15	1017.13	30.04	0.000	13.34	56.00	0.00			
3/6/99 12:30	1017.63	30.05	0.000	13.07	55.53	0.00			
3/6/99 12:45	1018.00	30.06	0.000	12.81	55.06	0.00			
3/6/99 13:00	1018.25	30.07	0.000	12.55	54.59	0.00	0.00		
3/6/99 13:15	1018.38	30.07	0.000	12.29	54.12	0.00			
3/6/99 13:30	1018.50	30.08	0.000	12.29	54.12	0.00			
3/6/99 13:45	1018.75	30.08	0.000	12.03	53.65	0.00			
3/6/99 14:00	1019.13	30.09	0.000	12.03	53.65	0.00	0.00		
3/6/99 14:15	1019.63	30.11	0.000	12.03	53.65	0.00			
3/6/99 14:30	1020.00	30.12	0.000	12.03	53.65	0.00			
3/6/99 14:45	1020.25	30.13	0.000	11.77	53.18	0.00			
3/6/99 15:00	1020.38	30.13	0.000	11.51	52.71	0.00	0.00		
3/6/99 15:15	1020.75	30.14	0.000	11.51	52.71	0.00			
3/6/99 15:30	1021.38	30.16	0.000	11.51	52.71	0.00			
3/6/99 15:45	1021.88	30.18	0.000	11.25	52.24	0.00			
3/6/99 16:00	1022.13	30.18	0.000	10.98	51.77	0.00	0.00		
3/6/99 16:15	1022.50	30.19	0.000	10.98	51.77	0.00			
3/6/99 16:30	1022.75	30.20	0.000	10.98	51.77	0.00			
3/6/99 16:45	1023.13	30.21	0.000	10.72	51.30	0.00			
3/6/99 17:00	1023.63	30.23	0.000	10.20	50.36	0.00	0.00		
3/6/99 17:15	1024.00	30.24	0.000	10.20	50.36	0.00			
3/6/99 17:30	1024.25	30.25	0.000	9.94	49.89	0.00			
3/6/99 17:45	1024.75	30.26	0.000	9.68	49.42	0.00			
3/6/99 18:00	1025.25	30.28	0.000	9.68	49.42	0.00	0.00		
3/6/99 18:15	1025.75	30.29	0.000	9.16	48.48	0.00			
3/6/99 18:30	1026.25	30.31	0.000	8.89	48.01	0.00			
3/6/99 18:45	1026.50	30.31	0.000	8.89	48.01	0.00			
3/6/99 19:00	1026.75	30.32	0.000	8.63	47.54	0.00	0.00		
3/6/99 19:15	1027.13	30.33	0.000	8.63	47.54	0.00			
3/6/99 19:30	1027.38	30.34	0.000	8.37	47.07	0.00			
3/6/99 19:45	1027.63	30.35	0.000	8.37	47.07	0.00			
3/6/99 20:00	1028.00	30.36	0.000	8.11	46.60	0.00	0.00		
3/6/99 20:15	1028.38	30.37	0.000	7.59	45.66	0.00			
3/6/99 20:30	1028.63	30.38	0.000	7.59	45.66	0.00			
3/6/99 20:45	1029.00	30.39	0.000	7.59	45.66	0.00			
3/6/99 21:00	1029.25	30.39	0.000	7.59	45.66	0.00	0.00		
3/6/99 21:15	1029.50	30.40	0.000	7.59	45.66	0.00			
3/6/99 21:30	1029.88	30.41	0.000	7.33	45.19	0.00			
3/6/99 21:45	1030.25	30.42	0.000	7.06	44.72	0.00			
3/6/99 22:00	1030.63	30.43	0.000	7.06	44.72	0.00	0.00		
3/6/99 22:15	1030.88	30.44	0.000	7.33	45.19	0.00			
3/6/99 22:30	1031.00	30.45	0.000	7.06	44.72	0.00			
3/6/99 22:45	1031.13	30.45	0.000	6.80	44.25	0.00			
3/6/99 23:00	1031.25	30.45	0.000	6.80	44.25	0.00	0.00		
3/6/99 23:15	1031.50	30.46	0.000	6.80	44.25	0.00			
3/6/99 23:30	1031.75	30.47	0.000	6.54	43.78	0.00			
3/6/99 23:45	1032.00	30.47	0.000	6.54	43.78	0.00			
3/7/99 0:00	1032.25	30.48	0.000	6.28	43.31	0.00	0.00		
3/7/99 0:15	1032.38	30.49	0.000	6.02	42.84	0.00			
3/7/99 0:30	1032.63	30.49	0.000	6.02	42.84	0.00			
3/7/99 0:45	1032.88	30.50	0.000	5.76	42.36	0.00			
3/7/99 1:00	1033.13	30.51	0.000	5.24	41.42	0.00	0.00		
3/7/99 1:15	1033.25	30.51	0.000	5.24	41.42	0.00			
3/7/99 1:30	1033.38	30.52	0.000	4.97	40.95	0.00			
3/7/99 1:45	1033.50	30.52	0.000	4.71	40.48	0.00			
3/7/99 2:00	1033.63	30.52	0.000	4.71	40.48	0.00	0.00		
3/7/99 2:15	1033.63	30.52	0.000	4.71	40.48	0.00			
3/7/99 2:30	1033.63	30.52	0.000	4.45	40.01	0.00			
3/7/99 2:45	1033.75	30.53	0.000	4.45	40.01	0.00			
3/7/99 3:00	1033.88	30.53	0.000	4.19	39.54	0.00	0.00		
3/7/99 3:15	1034.13	30.54	0.000	3.93	39.07	0.00			
3/7/99 3:30	1034.25	30.54	0.000	3.93	39.07	0.00			
3/7/99 3:45	1034.25	30.54	0.000	3.93	39.07	0.00			
3/7/99 4:00	1034.38	30.55	0.000	3.93	39.07	0.00	0.00		
3/7/99 4:15	1034.63	30.55	0.000	3.67	38.60	0.00			
3/7/99 4:30	1034.75	30.56	0.000	3.67	38.60	0.00			
3/7/99 4:45	1034.88	30.56	0.000	3.41	38.13	0.00			
3/7/99 5:00	1035.00	30.56	0.000	3.41	38.13	0.00	0.00		
3/7/99 5:15	1035.13	30.57	0.000	3.41	38.13	0.00			
3/7/99 5:30	1035.13	30.57	0.000	3.41	38.13	0.00			
3/7/99 5:45	1035.13	30.57	0.000	3.41	38.13	0.00			
3/7/99 6:00	1035.38	30.57	0.000	3.15	37.66	0.00	0.00		
3/7/99 6:15	1035.63	30.58	0.000	3.15	37.66	0.00			
3/7/99 6:30	1035.88	30.59	0.000	3.15	37.66	0.00			
3/7/99 6:45	1036.13	30.60	0.000	2.62	36.72	0.00			
3/7/99 7:00	1036.13	30.60	0.000	2.62	36.72	0.00	0.00		
3/7/99 7:15	1036.38	30.60	0.000	2.62	36.72	0.00			
3/7/99 7:30	1036.63	30.61	0.000	2.62	36.72	0.00			
3/7/99 7:45	1036.63	30.61	0.000	2.62	36.72	0.00			
3/7/99 8:00	1036.88	30.62	0.000	2.62	36.72	0.00	0.00		
3/7/99 8:15	1037.13	30.63	0.000	2.62	36.72	0.00			
3/7/99 8:30	1037.38	30.63	0.000	3.15	37.66	0.00			
3/7/99 8:45	1037.63	30.64	0.000	3.41	38.13	0.00			
3/7/99 9:00	1037.75	30.64	0.000	3.67	38.60	0.00	0.00		
3/7/99 9:15	1037.88	30.65	0.000	3.93	39.07	0.00			
3/7/99 9:30	1037.88	30.65	0.000	4.45	40.01	0.00			
3/7/99 9:45	1037.88	30.65	0.000	4.97	40.95	0.00			
3/7/99 10:00	1037.88	30.65	0.000	5.24	41.42	0.00	0.00		
3/7/99 10:15	1038.00	30.65	0.000	8.02	42.84	0.00			
3/7/99 10:30	1038.00	30.65	0.000	8.28	43.31	0.00			
3/7/99 10:45	1038.00	30.65	0.000	8.80	44.25	0.00			
3/7/99 11:00	1037.88	30.65	0.000	7.33	45.19	0.00	0.00		
3/7/99 11:15	1037.88	30.65	0.000	7.59	45.66	0.00			
3/7/99 11:30	1037.88	30.65	0.000	8.37	47.07	0.00			
3/7/99 11:45	1038.00	30.65	0.000	8.63	47.54	0.00			
3/7/99 12:00	1038.00	30.65	0.000	8.89	48.01	0.00	0.00		
3/7/99 12:15	1038.00	30.65	0.000	9.42	48.95	0.00			
3/7/99 12:30	1038.13	30.66	0.000	9.68	49.42	0.00			
3/7/99 12:45	1038.00	30.65	0.000	9.94	49.89	0.00			
3/7/99 13:00	1037.88	30.65	0.000	10.20	50.36	0.00	0.00		
3/7/99 13:15	1037.83	30.64	0.000	10.46	50.83	0.00			
3/7/99 13:30	1037.50	30.64	0.000	10.72	51.30	0.00			
3/7/99 13:45	1037.38	30.63	0.000	10.98	51.77	0.00			
3/7/99 14:00	1037.38	30.63	0.000	10.98	51.77	0.00	0.00		
3/7/99 14:15	1037.13	30.63	0.000	11.25	52.24	0.00			
3/7/99 14:30	1037.13	30.63	0.000	11.51	52.71	0.00			
3/7/99 14:45	1037.00	30.62	0.000	11.51	52.71	0.00			
3/7/99 15:00	1036.88	30.62	0.000	11.77	53.18	0.00	0.00		
3/7/99 15:15	1036.88	30.62	0.000	11.77	53.18	0.00			
3/7/99 15:30	1036.88	30.62	0.000	12.03	53.65	0.00			
3/7/99 15:45	1036.88	30.62	0.000	12.03	53.65	0.00			
3/7/99 18:00	1037.00	30.62	0.000	12.03	53.65	0.00	0.00		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/7/99 16:15	1037.00	30.62	0.000	12.29	54.12	0.00			
3/7/99 16:30	1037.00	30.62	0.000	12.29	54.12	0.00			
3/7/99 16:45	1036.88	30.62	0.000	12.29	54.12	0.00			
3/7/99 17:00	1037.00	30.62	0.000	12.29	54.12	0.00	0.00		
3/7/99 17:15	1037.13	30.63	0.000	12.03	53.65	0.00			
3/7/99 17:30	1037.13	30.63	0.000	12.03	53.65	0.00			
3/7/99 17:45	1037.13	30.63	0.000	11.77	53.16	0.00			
3/7/99 18:00	1037.13	30.63	0.000	11.51	52.71	0.00	0.00		
3/7/99 18:15	1037.13	30.63	0.000	11.51	52.71	0.00			
3/7/99 18:30	1037.13	30.63	0.000	10.98	51.77	0.00			
3/7/99 16:45	1037.13	30.63	0.000	10.72	51.30	0.00			
3/7/99 19:00	1037.13	30.63	0.000	10.20	50.36	0.00	0.00		
3/7/99 19:15	1037.25	30.63	0.000	10.20	50.36	0.00			
3/7/99 19:30	1037.25	30.63	0.000	9.68	49.42	0.00			
3/7/99 19:45	1037.25	30.63	0.000	9.68	49.42	0.00			
3/7/99 20:00	1037.38	30.63	0.000	9.42	48.95	0.00	0.00		
3/7/99 20:15	1037.38	30.63	0.000	9.16	48.48	0.00			
3/7/99 20:30	1037.50	30.64	0.000	8.89	48.01	0.00			
3/7/99 20:45	1037.50	30.64	0.000	8.63	47.54	0.00			
3/7/99 21:00	1037.63	30.64	0.000	8.63	47.54	0.00	0.00		
3/7/99 21:15	1037.75	30.64	0.000	8.37	47.07	0.00			
3/7/99 21:30	1037.88	30.65	0.000	8.37	47.07	0.00			
3/7/99 21:45	1037.88	30.65	0.000	7.85	46.13	0.00			
3/7/99 22:00	1037.88	30.65	0.000	7.59	45.66	0.00	0.00		
3/7/99 22:15	1037.63	30.64	0.000	7.59	45.66	0.00			
3/7/99 22:30	1037.50	30.64	0.000	7.59	45.66	0.00			
3/7/99 22:45	1037.63	30.64	0.000	7.33	45.19	0.00			
3/7/99 23:00	1037.63	30.64	0.000	7.33	45.19	0.00	0.00		
3/7/99 23:15	1037.38	30.63	0.000	6.80	44.25	0.00			
3/7/99 23:30	1037.13	30.63	0.000	7.06	44.72	0.00			
3/7/99 23:45	1037.13	30.63	0.000	7.06	44.72	0.00			
3/8/99 0:00	1037.00	30.62	0.000	6.80	44.25	0.00	0.00		
3/8/99 0:15	1037.13	30.63	0.000	6.54	43.78	0.00			
3/8/99 0:30	1037.00	30.62	0.000	6.54	43.78	0.00			
3/8/99 0:45	1036.88	30.62	0.000	6.54	43.78	0.00			
3/8/99 1:00	1036.63	30.61	0.000	6.28	43.31	0.00	0.00		
3/8/99 1:15	1036.63	30.61	0.000	6.54	43.78	0.00			
3/8/99 1:30	1036.63	30.61	0.000	6.28	43.31	0.00			
3/8/99 1:45	1036.63	30.61	0.000	6.28	43.31	0.00			
3/8/99 2:00	1036.63	30.61	0.000	6.02	42.84	0.00	0.00		
3/8/99 2:15	1036.50	30.61	0.000	6.02	42.84	0.00			
3/8/99 2:30	1036.25	30.60	0.000	6.02	42.84	0.00			
3/8/99 2:45	1036.25	30.60	0.000	6.02	42.84	0.00			
3/8/99 3:00	1036.13	30.60	0.000	6.02	42.84	0.00	0.00		
3/8/99 3:15	1036.00	30.59	0.000	5.78	42.36	0.00			
3/8/99 3:30	1035.75	30.59	0.000	5.78	42.36	0.00			
3/8/99 3:45	1035.75	30.59	0.000	5.78	42.36	0.00			
3/8/99 4:00	1035.63	30.58	0.000	5.24	41.42	0.00	0.00		
3/8/99 4:15	1035.75	30.59	0.000	5.24	41.42	0.00			
3/8/99 4:30	1035.88	30.59	0.000	5.24	41.42	0.00			
3/8/99 4:45	1035.75	30.59	0.000	5.24	41.42	0.00			
3/8/99 5:00	1035.75	30.59	0.000	5.24	41.42	0.00	0.00		
3/8/99 5:15	1035.88	30.59	0.000	5.24	41.42	0.00			
3/8/99 5:30	1035.75	30.59	0.000	5.24	41.42	0.00			
3/8/99 5:45	1036.13	30.60	0.000	4.97	40.95	0.00			
3/8/99 6:00	1036.50	30.61	0.000	4.97	40.95	0.00	0.00		
3/8/99 6:15	1036.50	30.61	0.000	4.97	40.95	0.00			
3/8/99 6:30	1036.88	30.62	0.000	4.97	40.95	0.00			
3/8/99 6:45	1037.13	30.63	0.000	4.71	40.48	0.00			
3/8/99 7:00	1037.00	30.62	0.000	4.71	40.48	0.00	0.00		
3/8/99 7:15	1037.00	30.62	0.000	4.97	40.95	0.00			
3/8/99 7:30	1037.25	30.63	0.000	4.97	40.95	0.00			
3/8/99 7:45	1037.25	30.63	0.000	4.97	40.95	0.00			
3/8/99 8:00	1037.13	30.63	0.000	5.24	41.42	0.00	0.00		
3/8/99 8:15	1036.88	30.62	0.000	5.24	41.42	0.00			
3/8/99 8:30	1036.88	30.62	0.000	5.50	41.89	0.00			
3/8/99 8:45	1036.63	30.61	0.000	6.02	42.84	0.00			
3/8/99 9:00	1036.38	30.60	0.000	6.02	42.84	0.00	0.00		
3/8/99 9:15	1035.88	30.59	0.000	6.02	42.84	0.00			
3/8/99 9:30	1035.75	30.59	0.000	6.28	43.31	0.00			
3/8/99 9:45	1035.63	30.58	0.000	6.28	43.31	0.00			
3/8/99 10:00	1035.88	30.59	0.000	6.54	43.78	0.00	0.00		
3/8/99 10:15	1035.88	30.59	0.000	6.80	44.25	0.00			
3/8/99 10:30	1035.88	30.59	0.000	7.06	44.72	0.00			
3/8/99 10:45	1035.75	30.59	0.000	7.06	44.72	0.00			
3/8/99 11:00	1035.63	30.58	0.000	7.33	45.19	0.00	0.00		
3/8/99 11:15	1035.50	30.58	0.000	7.59	45.66	0.00			
3/8/99 11:30	1035.38	30.57	0.000	7.59	45.66	0.00			
3/8/99 11:45	1035.00	30.56	0.000	7.85	46.13	0.00			
3/8/99 12:00	1034.63	30.55	0.000	8.37	47.07	0.00	0.00		
3/8/99 12:15	1034.13	30.54	0.000	8.37	47.07	0.00			
3/8/99 12:30	1033.83	30.52	0.000	8.37	47.07	0.00			
3/8/99 12:45	1033.13	30.51	0.000	8.63	47.54	0.00			
3/8/99 13:00	1032.63	30.49	0.000	8.89	48.01	0.00	0.00		
3/8/99 13:15	1032.38	30.49	0.000	9.16	48.48	0.00			
3/8/99 13:30	1031.88	30.47	0.000	9.42	48.95	0.00			
3/8/99 13:45	1031.63	30.46	0.000	9.68	49.42	0.00			
3/8/99 14:00	1031.38	30.48	0.000	9.68	49.42	0.00	0.00		
3/8/99 14:15	1030.88	30.44	0.000	9.94	49.89	0.00			
3/8/99 14:30	1030.75	30.44	0.000	9.94	49.89	0.00			
3/8/99 14:45	1030.63	30.43	0.000	9.94	49.89	0.00			
3/8/99 15:00	1030.50	30.43	0.000	8.89	48.01	0.00	0.00		
3/8/99 15:15	1030.25	30.42	0.000	7.59	45.66	0.00			
3/8/99 15:30	1030.00	30.42	0.000	7.06	44.72	0.00			
3/8/99 15:45	1029.63	30.40	0.000	6.28	43.31	0.00			
3/8/99 16:00	1029.13	30.39	0.000	5.50	41.89	0.00	0.00		
3/8/99 16:15	1028.75	30.38	0.000	4.97	40.95	0.00			
3/8/99 16:30	1028.63	30.38	0.000	4.71	40.48	0.00			
3/8/99 16:45	1028.38	30.37	0.000	4.45	40.01	0.00			
3/8/99 17:00	1028.25	30.36	0.000	3.93	39.07	0.00	0.00		
3/8/99 17:15	1028.13	30.36	0.000	3.93	39.07	0.00			
3/8/99 17:30	1027.88	30.35	0.000	3.93	39.07	0.00			
3/8/99 17:45	1027.75	30.35	0.000	3.87	38.60	0.00			
3/8/99 18:00	1027.38	30.34	0.000	3.87	38.60	0.00	0.00		
3/8/99 18:15	1027.25	30.33	0.000	3.41	38.13	0.00			
3/8/99 18:30	1027.25	30.33	0.000	3.41	38.13	0.00			
3/8/99 18:45	1027.13	30.33	0.000	3.41	38.13	0.00			
3/8/99 19:00	1027.25	30.33	0.000	3.67	38.60	0.00	0.00		
3/8/99 19:15	1028.88	30.32	0.000	4.19	39.54	0.00			
3/8/99 19:30	1026.50	30.31	0.000	4.71	40.48	0.00			
3/8/99 19:45	1026.25	30.31	0.000	5.24	41.42	0.00			
3/8/99 20:00	1025.63	30.29	0.000	5.50	41.89	0.00	0.00		
3/8/99 20:15	1025.00	30.27	0.000	5.76	42.36	0.00			
3/8/99 20:30	1024.50	30.25	0.000	6.28	43.31	0.00			
3/8/99 20:45	1024.25	30.25	0.000	6.54	43.78	0.00			
3/8/99 21:00	1023.75	30.23	0.000	6.54	43.78	0.00	0.00		
3/8/99 21:15	1023.25	30.22	0.000	6.80	44.25	0.00			
3/8/99 21:30	1021.88	30.18	0.000	7.08	44.72	0.00			
3/8/99 21:45	1020.88	30.15	0.000	7.06	44.72	0.00			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/8/99 22:00	1020.75	30.14	0.000	7.06	44.72	0.00	0.00		
3/8/99 22:15	1021.13	30.15	0.000	7.33	45.19	0.00			
3/8/99 22:30	1021.38	30.16	0.000	7.33	45.19	0.00			
3/8/99 22:45	1021.75	30.17	0.000	7.59	45.66	0.00			
3/8/99 23:00	1021.25	30.16	0.000	7.59	45.66	0.00	0.00		
3/8/99 23:15	1021.25	30.16	0.000	7.59	45.66	0.00			
3/8/99 23:30	1020.75	30.14	0.000	7.85	46.13	0.00			
3/8/99 23:45	1020.25	30.13	0.000	8.11	46.60	0.00			
3/9/99 0:00	1019.38	30.10	0.000	8.37	47.07	0.00	0.00		
3/9/99 0:15	1018.75	30.08	0.000	8.37	47.07	0.00			
3/9/99 0:30	1019.13	30.09	0.000	8.37	47.07	0.00			
3/9/99 0:45	1019.63	30.11	0.000	8.37	47.07	0.00			
3/9/99 1:00	1019.25	30.10	0.000	8.11	46.60	0.00	0.00		
3/9/99 1:15	1018.75	30.08	0.000	8.11	46.60	0.00			
3/9/99 1:30	1018.63	30.08	0.000	8.11	46.60	0.00			
3/9/99 1:45	1018.25	30.07	0.000	8.11	46.60	0.00			
3/9/99 2:00	1017.88	30.06	0.000	8.37	47.07	0.00	0.00		
3/9/99 2:15	1017.38	30.04	0.000	8.37	47.07	0.00			
3/9/99 2:30	1017.00	30.03	0.000	8.37	47.07	0.00			
3/9/99 2:45	1016.50	30.02	0.000	8.37	47.07	0.00			
3/9/99 3:00	1016.25	30.01	0.000	8.11	46.60	0.00	0.00		
3/9/99 3:15	1015.88	30.00	0.000	8.11	46.60	0.00			
3/9/99 3:30	1015.50	29.99	0.000	8.11	46.60	0.00			
3/9/99 3:45	1015.00	29.97	0.000	8.11	46.60	0.00			
3/9/99 4:00	1014.63	29.96	0.000	8.37	47.07	0.00	0.00		
3/9/99 4:15	1014.50	29.96	0.000	8.37	47.07	0.00			
3/9/99 4:30	1014.25	29.95	0.000	8.37	47.07	0.00			
3/9/99 4:45	1013.75	29.94	0.000	8.37	47.07	0.00			
3/9/99 5:00	1013.50	29.93	0.000	8.37	47.07	0.00	0.00		
3/9/99 5:15	1013.25	29.92	0.000	8.11	46.60	0.00			
3/9/99 5:30	1013.25	29.92	0.000	8.37	47.07	0.00			
3/9/99 5:45	1013.13	29.92	0.000	8.37	47.07	0.00			
3/9/99 6:00	1013.00	29.91	0.000	8.37	47.07	0.00	0.00		
3/9/99 6:15	1013.00	29.91	0.000	8.37	47.07	0.00			
3/9/99 6:30	1013.00	29.91	0.000	8.37	47.07	0.00			
3/9/99 6:45	1012.88	29.91	0.000	8.37	47.07	0.00			
3/9/99 7:00	1012.75	29.91	0.000	8.37	47.07	0.00	0.00		
3/9/99 7:15	1012.63	29.90	0.000	8.37	47.07	0.00			
3/9/99 7:30	1012.38	29.90	0.000	8.63	47.54	0.00			
3/9/99 7:45	1012.00	29.88	0.000	8.63	47.54	0.00			
3/9/99 8:00	1011.88	29.88	0.000	8.63	47.54	0.00	0.00		
3/9/99 8:15	1011.75	29.88	0.000	8.63	47.54	0.00			
3/9/99 8:30	1011.50	29.87	0.000	8.11	46.60	0.00			
3/9/99 8:45	1011.38	29.87	0.000	7.33	45.19	0.00			
3/9/99 9:00	1011.13	29.86	0.000	8.54	43.78	0.00	0.00		
3/9/99 9:15	1010.88	29.85	0.000	6.02	42.84	0.00			
3/9/99 9:30	1010.63	29.84	0.000	5.24	41.42	0.00			
3/9/99 9:45	1010.38	29.84	0.000	4.71	40.48	0.00			
3/9/99 10:00	1010.25	29.83	0.000	4.45	40.01	0.00	0.00		
3/9/99 10:15	1010.25	29.83	0.000	3.93	39.07	0.00			
3/9/99 10:30	1010.00	29.83	0.000	3.93	39.07	0.00			
3/9/99 10:45	1009.88	29.82	0.000	3.93	39.07	0.00			
3/9/99 11:00	1009.75	29.82	0.000	3.67	38.60	0.00	0.00		
3/9/99 11:15	1009.50	29.81	0.000	3.67	38.60	0.00			
3/9/99 11:30	1009.38	29.81	0.000	3.93	39.07	0.00			
3/9/99 11:45	1009.38	29.81	0.000	3.93	39.07	0.00			
3/9/99 12:00	1009.25	29.80	0.000	3.93	39.07	0.00	0.00		
3/9/99 12:15	1009.00	29.80	0.000	4.19	39.54	0.00			
3/9/99 12:30	1008.75	29.79	0.000	4.97	40.95	0.00			
3/9/99 12:45	1008.75	29.79	0.000	5.24	41.42	0.00			
3/9/99 13:00	1008.63	29.78	0.000	4.71	40.48	0.00	0.00		
3/9/99 13:15	1008.50	29.78	0.000	4.71	40.48	0.00			
3/9/99 13:30	1008.50	29.78	0.000	4.71	40.48	0.00			
3/9/99 13:45	1008.38	29.78	0.000	4.97	40.95	0.00			
3/9/99 14:00	1008.25	29.77	0.000	5.78	42.36	0.00	0.00		
3/9/99 14:15	1008.25	29.77	0.000	5.76	42.36	0.00			
3/9/99 14:30	1008.25	29.77	0.000	5.76	42.36	0.00			
3/9/99 14:45	1008.38	29.78	0.000	6.02	42.84	0.00			
3/9/99 15:00	1008.50	29.78	0.000	6.02	42.84	0.00	25.49		
3/9/99 15:15	1008.63	29.78	0.057	6.80	44.25	127.45			
3/9/99 15:30	1008.75	29.79	0.000	6.02	42.84	0.00			
3/9/99 15:45	1008.88	29.79	0.000	5.76	42.36	0.00			
3/9/99 16:00	1009.13	29.80	0.000	5.24	41.42	0.00	0.00		
3/9/99 16:15	1009.13	29.80	0.000	4.97	40.95	0.00			
3/9/99 16:30	1009.13	29.80	0.000	4.71	40.48	0.00			
3/9/99 16:45	1009.38	29.81	0.000	4.71	40.48	0.00			
3/9/99 17:00	1009.63	29.81	0.000	5.24	41.42	0.00	0.00		
3/9/99 17:15	1010.13	29.83	0.000	6.02	42.84	0.00			
3/9/99 17:30	1010.50	29.84	0.000	6.54	43.78	0.00			
3/9/99 17:45	1010.63	29.84	0.000	7.33	45.19	0.00			
3/9/99 18:00	1010.75	29.85	0.000	7.85	46.13	0.00	0.00		
3/9/99 18:15	1010.75	29.85	0.000	8.63	47.54	0.00			
3/9/99 18:30	1010.66	29.85	0.000	8.89	48.01	0.00			
3/9/99 18:45	1011.13	29.86	0.000	9.68	49.42	0.00			
3/9/99 19:00	1011.25	29.86	0.000	9.94	49.89	0.00	0.00		
3/9/99 19:15	1011.50	29.87	0.000	10.20	50.36	0.00			
3/9/99 19:30	1011.75	29.88	0.000	10.72	51.30	0.00			
3/9/99 19:45	1012.00	29.88	0.000	10.98	51.77	0.00			
3/9/99 20:00	1012.00	29.88	0.000	11.51	52.71	0.00	0.00		
3/9/99 20:15	1012.25	29.89	0.000	11.51	52.71	0.00			
3/9/99 20:30	1012.25	29.89	0.000	11.77	53.18	0.00			
3/9/99 20:45	1012.50	29.90	0.000	12.03	53.65	0.00			
3/9/99 21:00	1012.75	29.91	0.000	12.03	53.65	0.00	0.00		
3/9/99 21:15	1012.88	29.91	0.000	12.29	54.12	0.00			
3/9/99 21:30	1013.00	29.91	0.000	12.29	54.12	0.00			
3/9/99 21:45	1013.13	29.92	0.000	12.29	54.12	0.00			
3/9/99 22:00	1013.25	29.92	0.000	12.29	54.12	0.00	0.00		
3/9/99 22:15	1013.50	29.93	0.000	12.29	54.12	0.00			
3/9/99 22:30	1013.50	29.93	0.000	12.29	54.12	0.00			
3/9/99 22:45	1013.75	29.94	0.000	12.03	53.65	0.00			
3/9/99 23:00	1013.75	29.94	0.000	12.03	53.65	0.00	0.00		
3/9/99 23:15	1013.75	29.94	0.000	12.03	53.65	0.00			
3/9/99 23:30	1013.88	29.94	0.000	11.77	53.18	0.00			
3/9/99 23:45	1014.00	29.94	0.000	11.51	52.71	0.00			
3/10/99 0:00	1014.25	29.95	0.000	11.25	52.24	0.00	0.00		
3/10/99 0:15	1014.38	29.95	0.000	10.98	51.77	0.00			
3/10/99 0:30	1014.38	29.95	0.000	10.98	51.77	0.00			
3/10/99 0:45	1014.50	29.96	0.000	10.72	51.30	0.00			
3/10/99 1:00	1014.50	29.96	0.000	10.46	50.83	0.00	0.00		
3/10/99 1:15	1014.63	29.96	0.000	10.20	50.36	0.00			
3/10/99 1:30	1014.75	29.97	0.000	10.20	50.36	0.00			
3/10/99 1:45	1014.88	29.97	0.000	10.20	50.36	0.00			
3/10/99 2:00	1015.00	29.97	0.000	10.20	50.36	0.00	0.00		
3/10/99 2:15	1015.00	29.97	0.000	10.20	50.36	0.00			
3/10/99 2:30	1015.25	29.96	0.000	10.20	50.36	0.00			
3/10/99 2:45	1015.25	29.98	0.000	10.20	50.36	0.00			
3/10/99 3:00	1015.50	29.99	0.000	10.20	50.36	0.00	0.00		
3/10/99 3:15	1015.63	29.99	0.000	10.20	50.36	0.00			
3/10/99 3:30	1015.75	30.00	0.000	10.20	50.36	0.00			

301TELOG99 XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/10/99 3:45	1015.75	30.00	0.000	10.20	50.38	0.00			
3/10/99 4:00	1016.00	30.00	0.000	10.20	50.38	0.00	0.00		
3/10/99 4:15	1016.13	30.01	0.000	10.20	50.38	0.00			
3/10/99 4:30	1016.50	30.02	0.000	9.94	49.89	0.00			
3/10/99 4:45	1016.75	30.02	0.000	9.94	49.89	0.00			
3/10/99 5:00	1017.00	30.03	0.000	9.68	49.42	0.00	0.00		
3/10/99 5:15	1017.25	30.04	0.000	9.68	49.42	0.00			
3/10/99 5:30	1017.25	30.04	0.000	9.42	48.95	0.00			
3/10/99 5:45	1017.50	30.05	0.000	8.89	48.01	0.00			
3/10/99 6:00	1017.75	30.05	0.000	8.89	48.01	0.00	0.00		
3/10/99 6:15	1017.75	30.05	0.000	8.89	48.01	0.00			
3/10/99 6:30	1018.13	30.07	0.000	8.63	47.54	0.00			
3/10/99 6:45	1018.38	30.07	0.000	8.63	47.54	0.00			
3/10/99 7:00	1018.50	30.08	0.000	9.16	48.48	0.00	0.00		
3/10/99 7:15	1018.63	30.08	0.000	9.68	49.42	0.00			
3/10/99 7:30	1018.88	30.09	0.000	9.94	49.89	0.00			
3/10/99 7:45	1019.00	30.09	0.000	9.68	49.42	0.00			
3/10/99 8:00	1019.25	30.10	0.000	7.85	46.13	0.00	0.00		
3/10/99 8:15	1019.63	30.11	0.000	6.80	44.25	0.00			
3/10/99 8:30	1019.75	30.11	0.000	5.50	41.69	0.00			
3/10/99 8:45	1019.75	30.11	0.000	4.45	40.01	0.00			
3/10/99 9:00	1020.00	30.12	0.000	3.41	38.13	0.00	0.00		
3/10/99 9:15	1020.00	30.12	0.000	2.62	36.72	0.00			
3/10/99 9:30	1020.25	30.13	0.000	2.36	36.25	0.00			
3/10/99 9:45	1020.38	30.13	0.000	1.84	35.31	0.00			
3/10/99 10:00	1020.50	30.14	0.000	1.58	34.84	0.00	0.00		
3/10/99 10:15	1020.50	30.14	0.000	1.32	34.37	0.00			
3/10/99 10:30	1020.63	30.14	0.000	1.32	34.37	0.00			
3/10/99 10:45	1020.63	30.14	0.000	1.06	33.90	0.00			
3/10/99 11:00	1020.63	30.14	0.000	1.58	34.84	0.00	0.00		
3/10/99 11:15	1020.50	30.14	0.000	2.10	35.78	0.00			
3/10/99 11:30	1020.50	30.14	0.000	3.15	37.66	0.00			
3/10/99 11:45	1020.50	30.14	0.000	4.45	40.01	0.00			
3/10/99 12:00	1020.38	30.13	0.000	3.93	39.07	0.00	0.00		
3/10/99 12:15	1020.25	30.13	0.000	4.45	40.01	0.00			
3/10/99 12:30	1020.25	30.13	0.000	3.41	38.13	0.00			
3/10/99 12:45	1020.38	30.13	0.000	3.67	38.60	0.00			
3/10/99 13:00	1020.25	30.13	0.000	5.50	41.89	0.00	0.00		
3/10/99 13:15	1020.38	30.13	0.000	7.33	45.19	0.00			
3/10/99 13:30	1020.38	30.13	0.000	8.11	46.60	0.00			
3/10/99 13:45	1020.38	30.13	0.000	9.16	48.48	0.00			
3/10/99 14:00	1020.38	30.13	0.000	9.94	49.89	0.00	11.34		
3/10/99 14:15	1020.38	30.13	0.000	10.72	51.30	0.00			
3/10/99 14:30	1020.38	30.13	0.011	11.51	52.71	56.69			
3/10/99 14:45	1020.38	30.13	0.115	11.25	52.24	181.56			
3/10/99 15:00	1020.50	30.14	0.000	11.77	53.18	0.00	47.65		
3/10/99 15:15	1020.75	30.14	0.000	11.25	52.24	0.00			
3/10/99 15:30	1020.88	30.15	0.000	11.51	52.71	0.00			
3/10/99 15:45	1021.00	30.15	0.023	11.51	52.71	80.32			
3/10/99 16:00	1021.13	30.15	0.000	11.51	52.71	0.00	16.06		
3/10/99 16:15	1021.25	30.16	0.000	11.25	52.24	0.00			
3/10/99 16:30	1021.25	30.16	0.000	11.25	52.24	0.00			
3/10/99 16:45	1021.25	30.16	0.000	11.25	52.24	0.00			
3/10/99 17:00	1021.38	30.16	0.000	10.98	51.77	0.00	0.00		
3/10/99 17:15	1021.38	30.16	0.000	10.98	51.77	0.00			
3/10/99 17:30	1021.50	30.16	0.000	10.72	51.30	0.00			
3/10/99 17:45	1021.50	30.16	0.000	10.20	50.36	0.00			
3/10/99 18:00	1021.75	30.17	0.000	9.94	49.89	0.00	0.00		
3/10/99 18:15	1022.00	30.18	0.000	9.68	49.42	0.00			
3/10/99 18:30	1022.00	30.18	0.000	9.68	49.42	0.00			
3/10/99 18:45	1022.13	30.18	0.000	9.16	48.48	0.00			
3/10/99 19:00	1022.13	30.18	0.000	8.89	48.01	0.00	0.00		
3/10/99 19:15	1022.38	30.19	0.000	8.37	47.07	0.00			
3/10/99 19:30	1022.50	30.19	0.000	8.37	47.07	0.00			
3/10/99 19:45	1022.75	30.20	0.000	8.11	46.60	0.00			
3/10/99 20:00	1023.00	30.21	0.000	7.59	45.68	0.00	0.00		
3/10/99 20:15	1023.25	30.22	0.000	7.59	45.68	0.00			
3/10/99 20:30	1023.25	30.22	0.000	7.33	45.19	0.00			
3/10/99 20:45	1023.13	30.21	0.000	7.06	44.72	0.00			
3/10/99 21:00	1023.13	30.21	0.000	6.80	44.25	0.00	0.00		
3/10/99 21:15	1023.25	30.22	0.000	6.54	43.78	0.00			
3/10/99 21:30	1023.25	30.22	0.000	6.54	43.78	0.00			
3/10/99 21:45	1023.25	30.22	0.000	6.28	43.31	0.00			
3/10/99 22:00	1023.50	30.22	0.000	6.02	42.84	0.00	0.00		
3/10/99 22:15	1023.50	30.22	0.000	6.02	42.84	0.00			
3/10/99 22:30	1023.50	30.22	0.000	5.76	42.36	0.00			
3/10/99 22:45	1023.63	30.23	0.000	5.24	41.42	0.00			
3/10/99 23:00	1023.63	30.23	0.000	5.24	41.42	0.00	0.00		
3/10/99 23:15	1023.50	30.22	0.000	4.97	40.95	0.00			
3/10/99 23:30	1023.50	30.22	0.000	4.71	40.48	0.00			
3/10/99 23:45	1023.50	30.22	0.000	4.71	40.48	0.00			
3/11/99 0:00	1023.38	30.22	0.000	4.45	40.01	0.00	0.00		
3/11/99 0:15	1023.63	30.23	0.000	3.93	39.07	0.00			
3/11/99 0:30	1023.63	30.23	0.000	3.93	39.07	0.00			
3/11/99 0:45	1023.50	30.22	0.000	3.67	38.60	0.00			
3/11/99 1:00	1023.50	30.22	0.000	3.67	38.60	0.00	0.00		
3/11/99 1:15	1023.63	30.23	0.000	3.41	38.13	0.00			
3/11/99 1:30	1023.75	30.23	0.000	3.41	38.13	0.00			
3/11/99 1:45	1023.63	30.23	0.000	3.15	37.66	0.00			
3/11/99 2:00	1023.63	30.23	0.000	3.15	37.66	0.00	0.00		
3/11/99 2:15	1023.63	30.23	0.000	2.88	37.19	0.00			
3/11/99 2:30	1023.50	30.22	0.000	2.62	36.72	0.00			
3/11/99 2:45	1023.38	30.22	0.000	2.62	36.72	0.00			
3/11/99 3:00	1023.25	30.22	0.000	2.62	36.72	0.00	0.00		
3/11/99 3:15	1023.50	30.22	0.000	2.36	36.25	0.00			
3/11/99 3:30	1023.38	30.22	0.000	2.36	36.25	0.00			
3/11/99 3:45	1023.38	30.22	0.000	2.10	35.78	0.00			
3/11/99 4:00	1023.38	30.22	0.000	2.10	35.78	0.00	0.00		
3/11/99 4:15	1023.50	30.22	0.000	2.10	35.78	0.00			
3/11/99 4:30	1023.50	30.22	0.000	2.10	35.78	0.00			
3/11/99 4:45	1023.50	30.22	0.000	1.84	35.31	0.00			
3/11/99 5:00	1023.50	30.22	0.000	1.84	35.31	0.00	0.00		
3/11/99 5:15	1023.75	30.23	0.000	1.84	35.31	0.00			
3/11/99 5:30	1023.88	30.23	0.000	1.84	35.31	0.00			
3/11/99 5:45	1024.00	30.24	0.000	1.58	34.84	0.00			
3/11/99 6:00	1024.25	30.25	0.000	1.58	34.84	0.00	0.00		
3/11/99 6:15	1024.25	30.25	0.000	1.58	34.84	0.00			
3/11/99 6:30	1024.50	30.25	0.000	1.58	34.84	0.00			
3/11/99 6:45	1024.50	30.25	0.000	1.84	35.31	0.00			
3/11/99 7:00	1024.75	30.26	0.000	2.62	36.72	0.00	23.18		
3/11/99 7:15	1024.88	30.26	0.000	3.67	38.60	0.00			
3/11/99 7:30	1025.13	30.27	0.048	4.71	40.48	115.80			
3/11/99 7:45	1025.25	30.28	0.000	4.97	40.95	0.00			
3/11/99 8:00	1025.50	30.28	0.000	8.02	42.84	0.00	23.16		
3/11/99 8:15	1025.50	30.28	0.000	6.54	43.78	0.00			
3/11/99 8:30	1025.63	30.29	0.000	7.06	44.72	0.00			
3/11/99 8:45	1025.63	30.29	0.000	7.59	45.68	0.00			
3/11/99 9:00	1025.75	30.29	0.000	8.37	47.07	0.00	0.00		
3/11/99 9:15	1025.75	30.29	0.000	8.89	48.01	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/11/99 9:30	1025.75	30.29	0.000	9.68	49.42	0.00			
3/11/99 9:45	1025.75	30.29	0.000	10.46	50.83	0.00			
3/11/99 10:00	1025.75	30.29	0.000	10.98	51.77	0.00	0.00		
3/11/99 10:15	1025.88	30.29	0.000	11.51	52.71	0.00			
3/11/99 10:30	1025.88	30.29	0.000	12.03	53.65	0.00			
3/11/99 10:45	1025.75	30.29	0.000	12.81	55.06	0.00			
3/11/99 11:00	1025.63	30.29	0.000	13.34	56.00	0.00	0.00		
3/11/99 11:15	1025.63	30.29	0.000	13.86	56.95	0.00			
3/11/99 11:30	1025.50	30.28	0.000	14.12	57.42	0.00			
3/11/99 11:45	1025.63	30.29	0.000	14.64	58.36	0.00			
3/11/99 12:00	1025.50	30.28	0.000	15.43	59.77	0.00	0.00		
3/11/99 12:15	1025.50	30.28	0.000	15.69	60.24	0.00			
3/11/99 12:30	1025.50	30.28	0.000	15.95	60.71	0.00			
3/11/99 12:45	1025.38	30.28	0.000	16.21	61.18	0.00			
3/11/99 13:00	1025.25	30.28	0.000	16.73	62.12	0.00	0.00		
3/11/99 13:15	1025.13	30.27	0.000	17.26	63.06	0.00			
3/11/99 13:30	1025.00	30.27	0.000	17.26	63.06	0.00			
3/11/99 13:45	1024.88	30.26	0.000	17.52	63.53	0.00			
3/11/99 14:00	1024.63	30.26	0.000	17.78	64.00	0.00	0.00		
3/11/99 14:15	1024.50	30.25	0.000	17.78	64.00	0.00			
3/11/99 14:30	1024.50	30.25	0.000	18.04	64.47	0.00			
3/11/99 14:45	1024.50	30.25	0.000	18.56	65.41	0.00			
3/11/99 15:00	1024.63	30.26	0.000	19.08	66.35	0.00	0.00		
3/11/99 15:15	1024.50	30.25	0.000	19.61	67.29	0.00			
3/11/99 15:30	1024.50	30.25	0.000	19.35	66.82	0.00			
3/11/99 15:45	1024.50	30.25	0.000	19.61	67.29	0.00			
3/11/99 16:00	1024.50	30.25	0.000	19.61	67.29	0.00	0.00		
3/11/99 16:15	1024.50	30.25	0.000	20.39	68.70	0.00			
3/11/99 16:30	1024.75	30.26	0.000	19.35	66.82	0.00			
3/11/99 16:45	1024.75	30.26	0.000	19.08	66.35	0.00			
3/11/99 17:00	1024.75	30.26	0.000	18.82	65.88	0.00	0.00		
3/11/99 17:15	1024.88	30.26	0.000	18.82	65.88	0.00			
3/11/99 17:30	1024.88	30.26	0.000	18.82	65.88	0.00			
3/11/99 17:45	1025.00	30.27	0.000	18.82	65.88	0.00			
3/11/99 18:00	1025.00	30.27	0.000	18.56	65.41	0.00	0.00		
3/11/99 18:15	1025.00	30.27	0.000	18.30	64.94	0.00			
3/11/99 18:30	1025.00	30.27	0.000	18.30	64.94	0.00			
3/11/99 18:45	1025.13	30.27	0.000	18.04	64.47	0.00			
3/11/99 19:00	1025.13	30.27	0.000	17.78	64.00	0.00	0.00		
3/11/99 19:15	1025.00	30.27	0.000	17.78	64.00	0.00			
3/11/99 19:30	1025.00	30.27	0.000	17.52	63.53	0.00			
3/11/99 19:45	1025.13	30.27	0.000	17.52	63.53	0.00			
3/11/99 20:00	1025.25	30.28	0.000	17.26	63.06	0.00	0.00		
3/11/99 20:15	1025.38	30.28	0.000	17.26	63.06	0.00			
3/11/99 20:30	1025.25	30.28	0.000	16.99	62.59	0.00			
3/11/99 20:45	1025.25	30.28	0.000	16.73	62.12	0.00			
3/11/99 21:00	1025.25	30.28	0.000	16.47	61.65	0.00	0.00		
3/11/99 21:15	1025.25	30.28	0.000	16.47	61.65	0.00			
3/11/99 21:30	1025.50	30.28	0.000	16.21	61.18	0.00			
3/11/99 21:45	1025.75	30.29	0.000	16.21	61.18	0.00			
3/11/99 22:00	1025.88	30.29	0.000	15.95	60.71	0.00	0.00		
3/11/99 22:15	1025.88	30.29	0.000	15.95	60.71	0.00			
3/11/99 22:30	1025.75	30.29	0.000	15.69	60.24	0.00			
3/11/99 22:45	1025.50	30.28	0.000	15.69	60.24	0.00			
3/11/99 23:00	1025.50	30.28	0.000	15.43	59.77	0.00	0.00		
3/11/99 23:15	1025.63	30.29	0.000	15.43	59.77	0.00			
3/11/99 23:30	1025.75	30.29	0.000	14.90	58.83	0.00			
3/11/99 23:45	1025.50	30.28	0.000	14.64	58.36	0.00			
3/12/99 0:00	1025.50	30.28	0.000	14.64	58.36	0.00	0.00		
3/12/99 0:15	1025.50	30.28	0.000	14.64	58.36	0.00			
3/12/99 0:30	1025.63	30.29	0.000	14.38	57.89	0.00			
3/12/99 0:45	1025.63	30.29	0.000	13.86	56.95	0.00			
3/12/99 1:00	1025.75	30.29	0.000	13.86	56.95	0.00	0.00		
3/12/99 1:15	1025.75	30.29	0.000	13.60	56.47	0.00			
3/12/99 1:30	1025.88	30.29	0.000	13.60	56.47	0.00			
3/12/99 1:45	1025.75	30.29	0.000	13.60	56.47	0.00			
3/12/99 2:00	1025.63	30.29	0.000	13.34	56.00	0.00	0.00		
3/12/99 2:15	1025.50	30.28	0.000	13.34	56.00	0.00			
3/12/99 2:30	1025.25	30.28	0.000	13.07	55.53	0.00			
3/12/99 2:45	1025.13	30.27	0.000	13.07	55.53	0.00			
3/12/99 3:00	1025.25	30.28	0.000	12.55	54.59	0.00	0.00		
3/12/99 3:15	1025.38	30.28	0.000	12.55	54.59	0.00			
3/12/99 3:30	1025.38	30.28	0.000	12.55	54.59	0.00			
3/12/99 3:45	1025.63	30.29	0.000	12.29	54.12	0.00			
3/12/99 4:00	1025.75	30.29	0.000	12.29	54.12	0.00	0.00		
3/12/99 4:15	1025.75	30.29	0.000	12.03	53.65	0.00			
3/12/99 4:30	1025.88	30.29	0.000	12.03	53.65	0.00			
3/12/99 4:45	1026.00	30.30	0.000	12.03	53.65	0.00			
3/12/99 5:00	1026.13	30.30	0.000	11.77	53.18	0.00	0.00		
3/12/99 5:15	1026.25	30.31	0.000	11.77	53.18	0.00			
3/12/99 5:30	1026.38	30.31	0.000	11.51	52.71	0.00			
3/12/99 5:45	1026.50	30.31	0.000	11.51	52.71	0.00			
3/12/99 6:00	1026.63	30.32	0.000	11.51	52.71	0.00	0.00		
3/12/99 6:15	1026.63	30.32	0.000	11.25	52.24	0.00			
3/12/99 6:30	1026.75	30.32	0.000	11.25	52.24	0.00			
3/12/99 6:45	1027.00	30.33	0.000	11.25	52.24	0.00			
3/12/99 7:00	1027.25	30.33	0.000	10.98	51.77	0.00	0.00		
3/12/99 7:15	1027.38	30.34	0.000	10.98	51.77	0.00			
3/12/99 7:30	1027.38	30.34	0.000	10.98	51.77	0.00			
3/12/99 7:45	1027.50	30.34	0.000	10.98	51.77	0.00			
3/12/99 8:00	1027.25	30.33	0.000	10.98	51.77	0.00	0.00		
3/12/99 8:15	1027.38	30.34	0.000	11.51	52.71	0.00			
3/12/99 8:30	1027.63	30.35	0.000	11.51	52.71	0.00			
3/12/99 8:45	1027.75	30.35	0.000	11.77	53.18	0.00			
3/12/99 9:00	1027.88	30.35	0.000	12.29	54.12	0.00	0.00		
3/12/99 9:15	1028.13	30.36	0.000	12.81	55.06	0.00			
3/12/99 9:30	1028.25	30.36	0.000	13.34	56.00	0.00			
3/12/99 9:45	1028.50	30.37	0.000	14.12	57.42	0.00			
3/12/99 10:00	1028.50	30.37	0.000	14.64	58.36	0.00	0.00		
3/12/99 10:15	1028.75	30.38	0.000	15.43	59.77	0.00			
3/12/99 10:30	1028.75	30.38	0.000	15.95	60.71	0.00			
3/12/99 10:45	1028.63	30.38	0.000	16.73	62.12	0.00			
3/12/99 11:00	1028.63	30.38	0.000	17.26	63.06	0.00	0.00		
3/12/99 11:15	1028.63	30.38	0.000	17.78	64.00	0.00			
3/12/99 11:30	1028.38	30.37	0.000	18.04	64.47	0.00			
3/12/99 11:45	1028.25	30.36	0.000	18.82	65.88	0.00			
3/12/99 12:00	1028.13	30.36	0.000	19.08	66.35	0.00	0.00		
3/12/99 12:15	1028.00	30.36	0.000	19.61	67.29	0.00			
3/12/99 12:30	1027.88	30.35	0.000	19.61	67.29	0.00			
3/12/99 12:45	1027.63	30.35	0.000	19.87	67.76	0.00			
3/12/99 13:00	1027.50	30.34	0.000	19.87	67.76	0.00	0.00		
3/12/99 13:15	1027.13	30.33	0.000	20.39	68.70	0.00			
3/12/99 13:30	1027.13	30.33	0.000	19.81	67.29	0.00			
3/12/99 13:45	1027.00	30.33	0.000	19.87	67.76	0.00			
3/12/99 14:00	1026.88	30.32	0.000	19.87	67.76	0.00	0.00		
3/12/99 14:15	1026.75	30.32	0.000	19.87	67.76	0.00			
3/12/99 14:30	1026.75	30.32	0.000	20.39	68.70	0.00			
3/12/99 14:45	1026.50	30.31	0.000	20.13	68.23	0.00			
3/12/99 15:00	1026.38	30.31	0.000	20.13	68.23	0.00	0.00		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/12/99 15:15	1026.13	30.30	0.000	20.39	68.70	0.00			
3/12/99 15:30	1025.88	30.29	0.000	20.65	69.17	0.00			
3/12/99 15:45	1025.88	30.29	0.000	20.39	68.70	0.00			
3/12/99 16:00	1026.13	30.30	0.000	20.65	69.17	0.00	0.00		
3/12/99 16:15	1026.25	30.31	0.000	20.39	68.70	0.00			
3/12/99 16:30	1026.38	30.31	0.000	20.65	69.17	0.00			
3/12/99 16:45	1026.50	30.31	0.000	20.65	69.17	0.00			
3/12/99 17:00	1026.63	30.32	0.000	20.13	68.23	0.00	0.00		
3/12/99 17:15	1026.38	30.31	0.000	19.87	67.76	0.00			
3/12/99 17:30	1026.38	30.31	0.000	19.61	67.29	0.00			
3/12/99 17:45	1026.63	30.32	0.000	19.61	67.29	0.00			
3/12/99 18:00	1026.50	30.31	0.000	19.35	66.82	0.00	0.00		
3/12/99 18:15	1026.63	30.32	0.000	19.35	66.82	0.00			
3/12/99 18:30	1026.88	30.32	0.000	19.35	66.82	0.00			
3/12/99 18:45	1027.00	30.33	0.000	19.08	66.35	0.00			
3/12/99 19:00	1027.00	30.33	0.000	19.08	66.35	0.00	0.00		
3/12/99 19:15	1027.00	30.33	0.000	19.08	66.35	0.00			
3/12/99 19:30	1027.00	30.33	0.000	18.82	85.88	0.00			
3/12/99 19:45	1027.00	30.33	0.000	18.30	64.94	0.00			
3/12/99 20:00	1027.00	30.33	0.000	18.30	64.94	0.00	0.00		
3/12/99 20:15	1026.88	30.32	0.000	18.04	64.47	0.00			
3/12/99 20:30	1027.00	30.33	0.000	17.78	64.00	0.00			
3/12/99 20:45	1027.00	30.33	0.000	17.78	64.00	0.00			
3/12/99 21:00	1027.00	30.33	0.000	17.52	63.53	0.00	0.00		
3/12/99 21:15	1027.13	30.33	0.000	17.26	63.06	0.00			
3/12/99 21:30	1027.13	30.33	0.000	17.26	63.06	0.00			
3/12/99 21:45	1027.00	30.33	0.000	17.26	63.06	0.00			
3/12/99 22:00	1027.00	30.33	0.000	17.26	63.06	0.00	0.00		
3/12/99 22:15	1027.00	30.33	0.000	16.99	62.59	0.00			
3/12/99 22:30	1027.00	30.33	0.000	16.73	62.12	0.00			
3/12/99 22:45	1027.25	30.33	0.000	16.47	61.65	0.00			
3/12/99 23:00	1027.25	30.33	0.000	16.47	61.65	0.00	0.00		
3/12/99 23:15	1027.25	30.33	0.000	16.47	61.65	0.00			
3/12/99 23:30	1027.13	30.33	0.000	16.47	61.65	0.00			
3/12/99 23:45	1027.25	30.33	0.000	16.47	61.65	0.00			
3/13/99 0:00	1027.25	30.33	0.000	16.47	61.65	0.00	0.00		
3/13/99 0:15	1027.13	30.33	0.000	16.21	61.18	0.00			
3/13/99 0:30	1026.88	30.32	0.000	16.21	61.18	0.00			
3/13/99 0:45	1027.00	30.33	0.000	15.95	60.71	0.00			
3/13/99 1:00	1027.00	30.33	0.000	15.95	60.71	0.00	0.00		
3/13/99 1:15	1027.25	30.33	0.000	15.95	60.71	0.00			
3/13/99 1:30	1027.25	30.33	0.000	15.69	60.24	0.00			
3/13/99 1:45	1027.38	30.34	0.000	15.69	60.24	0.00			
3/13/99 2:00	1027.25	30.33	0.000	15.43	59.77	0.00	0.00		
3/13/99 2:15	1027.00	30.33	0.000	15.43	59.77	0.00			
3/13/99 2:30	1026.63	30.32	0.000	15.43	59.77	0.00			
3/13/99 2:45	1026.63	30.32	0.000	15.16	59.30	0.00			
3/13/99 3:00	1026.38	30.31	0.000	14.90	58.83	0.00	0.00		
3/13/99 3:15	1026.38	30.31	0.000	14.90	58.83	0.00			
3/13/99 3:30	1026.50	30.31	0.000	14.90	58.83	0.00			
3/13/99 3:45	1026.50	30.31	0.000	14.90	58.83	0.00			
3/13/99 4:00	1026.25	30.31	0.000	14.64	58.36	0.00	0.00		
3/13/99 4:15	1026.13	30.30	0.000	14.64	58.36	0.00			
3/13/99 4:30	1026.00	30.30	0.000	14.64	58.36	0.00			
3/13/99 4:45	1026.00	30.30	0.000	14.64	58.36	0.00			
3/13/99 5:00	1025.88	30.29	0.000	14.64	58.36	0.00	0.00		
3/13/99 5:15	1025.88	30.29	0.000	14.64	58.36	0.00			
3/13/99 5:30	1025.83	30.29	0.000	14.64	58.36	0.00			
3/13/99 5:45	1025.50	30.28	0.000	14.38	57.89	0.00			
3/13/99 6:00	1025.38	30.28	0.000	14.64	58.36	0.00	0.00		
3/13/99 6:15	1025.75	30.29	0.000	14.64	58.36	0.00			
3/13/99 6:30	1025.75	30.29	0.000	14.64	58.36	0.00			
3/13/99 6:45	1025.75	30.29	0.000	14.64	58.36	0.00			
3/13/99 7:00	1025.63	30.29	0.000	14.64	58.36	0.00	0.00		
3/13/99 7:15	1025.63	30.29	0.000	14.64	58.36	0.00			
3/13/99 7:30	1025.50	30.28	0.000	14.64	58.36	0.00			
3/13/99 7:45	1026.63	30.32	0.000	14.64	58.36	0.00			
3/13/99 8:00	1026.75	30.32	0.000	14.64	58.36	0.00	0.00		
3/13/99 8:15	1026.88	30.32	0.000	14.90	58.83	0.00			
3/13/99 8:30	1027.00	30.33	0.000	15.16	59.30	0.00			
3/13/99 8:45	1027.13	30.33	0.000	15.43	59.77	0.00			
3/13/99 9:00	1026.88	30.32	0.000	15.43	59.77	0.00	0.00		
3/13/99 9:15	1026.75	30.32	0.000	15.69	60.24	0.00			
3/13/99 9:30	1026.88	30.32	0.000	15.95	60.71	0.00			
3/13/99 9:45	1026.75	30.32	0.000	16.21	61.18	0.00			
3/13/99 10:00	1026.88	30.32	0.000	16.47	61.65	0.00	0.00		
3/13/99 10:15	1026.63	30.32	0.000	16.99	62.59	0.00			
3/13/99 10:30	1026.13	30.30	0.000	17.26	63.06	0.00			
3/13/99 10:45	1025.75	30.29	0.000	17.52	63.53	0.00			
3/13/99 11:00	1025.50	30.28	0.000	17.78	64.00	0.00	0.00		
3/13/99 11:15	1025.25	30.28	0.000	17.78	64.00	0.00			
3/13/99 11:30	1025.25	30.28	0.000	18.30	84.94	0.00			
3/13/99 11:45	1025.13	30.27	0.000	18.56	65.41	0.00			
3/13/99 12:00	1025.13	30.27	0.000	19.08	66.35	0.00	0.00		
3/13/99 12:15	1025.13	30.27	0.000	19.35	66.82	0.00			
3/13/99 12:30	1025.25	30.28	0.000	19.35	66.82	0.00			
3/13/99 12:45	1025.38	30.28	0.336	19.08	66.35	313.92			
3/13/99 13:00	1025.25	30.28	1.638	24.05	75.29	898.82	245.95		
3/13/99 13:15	1024.66	30.26	0.151	38.42	101.16	216.99			
3/13/99 13:30	1024.50	30.25	0.000	28.23	82.81	0.00			
3/13/99 13:45	1024.38	30.25	0.000	26.14	79.05	0.00			
3/13/99 14:00	1024.13	30.24	0.000	24.83	76.70	0.00	0.00		
3/13/99 14:15	1024.00	30.24	0.000	23.00	73.41	0.00			
3/13/99 14:30	1023.88	30.23	0.000	22.48	72.47	0.00			
3/13/99 14:45	1023.50	30.22	0.000	22.48	72.47	0.00			
3/13/99 15:00	1023.13	30.21	0.000	21.96	71.53	0.00	0.00		
3/13/99 15:15	1022.88	30.21	0.000	21.17	70.11	0.00			
3/13/99 15:30	1022.63	30.20	0.000	20.65	69.17	0.00			
3/13/99 15:45	1022.38	30.19	0.000	20.91	69.64	0.00			
3/13/99 16:00	1022.00	30.16	0.000	20.65	69.17	0.00	0.00		
3/13/99 16:15	1022.13	30.18	0.000	20.65	69.17	0.00			
3/13/99 16:30	1022.00	30.18	0.000	20.65	69.17	0.00			
3/13/99 16:45	1021.75	30.17	0.000	20.39	68.70	0.00			
3/13/99 17:00	1021.38	30.16	0.000	20.39	68.70	0.00	0.00		
3/13/99 17:15	1021.50	30.16	0.000	20.39	68.70	0.00			
3/13/99 17:30	1021.38	30.16	0.000	20.13	68.23	0.00			
3/13/99 17:45	1021.38	30.18	0.000	20.13	68.23	0.00			
3/13/99 18:00	1021.13	30.15	0.000	19.87	67.76	0.00	0.00		
3/13/99 18:15	1020.88	30.15	0.000	19.35	66.82	0.00			
3/13/99 18:30	1020.88	30.15	0.000	19.35	66.82	0.00			
3/13/99 18:45	1020.63	30.14	0.000	19.08	66.35	0.00			
3/13/99 19:00	1020.50	30.14	0.000	18.82	85.88	0.00	0.00		
3/13/99 19:15	1020.50	30.14	0.000	18.82	85.88	0.00			
3/13/99 19:30	1020.50	30.14	0.000	19.08	66.35	0.00			
3/13/99 19:45	1020.83	30.14	0.000	18.82	65.88	0.00			
3/13/99 20:00	1020.75	30.14	0.000	18.82	65.88	0.00	0.00		
3/13/99 20:15	1020.75	30.14	0.000	18.82	65.88	0.00			
3/13/99 20:30	1020.50	30.14	0.000	18.56	65.41	0.00			
3/13/99 20:45	1020.38	30.13	0.000	18.56	65.41	0.00			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/13/99 21:00	1020.63	30.14	0.000	18.30	64.94	0.00	0.00		
3/13/99 21:15	1020.38	30.13	0.000	18.30	64.94	0.00			
3/13/99 21:30	1020.25	30.13	0.000	18.30	64.94	0.00			
3/13/99 21:45	1020.25	30.13	0.000	18.30	64.94	0.00			
3/13/99 22:00	1020.13	30.12	0.000	18.04	64.47	0.00	0.00		
3/13/99 22:15	1020.00	30.12	0.000	18.04	64.47	0.00			
3/13/99 22:30	1020.00	30.12	0.000	17.78	64.00	0.00			
3/13/99 22:45	1019.75	30.11	0.000	17.78	64.00	0.00			
3/13/99 23:00	1019.50	30.11	0.000	17.78	64.00	0.00	0.00		
3/13/99 23:15	1019.13	30.09	0.000	17.78	64.00	0.00			
3/13/99 23:30	1018.75	30.08	0.000	17.78	64.00	0.00			
3/13/99 23:45	1018.75	30.08	0.000	17.52	63.53	0.00			
3/14/99 0:00	1018.75	30.08	0.000	17.78	64.00	0.00	0.00		
3/14/99 0:15	1018.75	30.08	0.000	17.52	63.53	0.00			
3/14/99 0:30	1018.83	30.08	0.000	17.52	63.53	0.00			
3/14/99 0:45	1018.38	30.07	0.000	17.26	63.06	0.00			
3/14/99 1:00	1018.25	30.07	0.000	17.26	63.06	0.00	0.00		
3/14/99 1:15	1018.13	30.07	0.000	17.26	63.06	0.00			
3/14/99 1:30	1018.00	30.06	0.000	16.99	62.59	0.00			
3/14/99 1:45	1017.75	30.05	0.000	16.99	62.59	0.00			
3/14/99 2:00	1017.38	30.04	0.000	16.99	62.59	0.00	0.00		
3/14/99 2:15	1017.25	30.04	0.000	16.73	62.12	0.00			
3/14/99 2:30	1016.75	30.02	0.000	16.47	61.65	0.00			
3/14/99 2:45	1016.50	30.02	0.000	16.47	61.65	0.00			
3/14/99 3:00	1016.00	30.00	0.000	16.47	61.65	0.00	0.00		
3/14/99 3:15	1015.75	30.00	0.000	16.21	61.18	0.00			
3/14/99 3:30	1015.75	30.00	0.000	16.21	61.18	0.00			
3/14/99 3:45	1015.50	29.99	0.000	16.21	61.18	0.00			
3/14/99 4:00	1015.25	29.98	0.000	15.95	60.71	0.00	0.00		
3/14/99 4:15	1014.88	29.97	0.000	15.95	60.71	0.00			
3/14/99 4:30	1014.50	29.96	0.000	15.95	60.71	0.00			
3/14/99 4:45	1014.38	29.95	0.000	15.95	60.71	0.00			
3/14/99 5:00	1014.38	29.95	0.000	15.95	60.71	0.00	0.00		
3/14/99 5:15	1014.38	29.95	0.000	15.95	60.71	0.00			
3/14/99 5:30	1014.25	29.95	0.000	15.69	60.24	0.00			
3/14/99 5:45	1014.00	29.94	0.000	15.69	60.24	0.00			
3/14/99 6:00	1013.88	29.94	0.000	15.95	60.71	0.00	0.00		
3/14/99 6:15	1013.75	29.94	0.000	15.69	60.24	0.00			
3/14/99 6:30	1013.50	29.93	0.000	15.69	60.24	0.00			
3/14/99 6:45	1013.50	29.93	0.000	15.43	59.77	0.00			
3/14/99 7:00	1013.38	29.92	0.000	15.43	59.77	0.00	0.00		
3/14/99 7:15	1013.25	29.92	0.000	14.90	58.83	0.00			
3/14/99 7:30	1013.38	29.92	0.000	14.90	58.83	0.00			
3/14/99 7:45	1013.13	29.92	0.000	14.90	58.83	0.00			
3/14/99 8:00	1013.00	29.91	0.000	14.64	58.36	0.00	0.00		
3/14/99 8:15	1013.50	29.93	0.000	14.64	58.36	0.00			
3/14/99 8:30	1013.63	29.93	0.000	14.64	58.36	0.00			
3/14/99 8:45	1013.63	29.93	0.000	14.90	58.83	0.00			
3/14/99 9:00	1013.63	29.93	0.000	14.90	58.83	0.00	0.00		
3/14/99 9:15	1013.75	29.94	0.000	15.43	59.77	0.00			
3/14/99 9:30	1013.75	29.94	0.000	15.43	59.77	0.00			
3/14/99 9:45	1013.63	29.93	0.000	15.43	59.77	0.00			
3/14/99 10:00	1013.50	29.93	0.000	15.69	60.24	0.00	0.00		
3/14/99 10:15	1013.25	29.92	0.000	15.69	60.24	0.00			
3/14/99 10:30	1013.00	29.91	0.000	15.69	60.24	0.00			
3/14/99 10:45	1012.75	29.91	0.000	15.69	60.24	0.00			
3/14/99 11:00	1012.75	29.91	0.000	15.43	59.77	0.00	0.00		
3/14/99 11:15	1012.38	29.90	0.000	15.43	59.77	0.00			
3/14/99 11:30	1012.25	29.89	0.000	15.43	59.77	0.00			
3/14/99 11:45	1012.25	29.89	0.000	15.43	59.77	0.00			
3/14/99 12:00	1011.75	29.88	0.000	15.43	59.77	0.00	0.00		
3/14/99 12:15	1011.75	29.88	0.000	15.43	59.77	0.00			
3/14/99 12:30	1011.63	29.87	0.000	14.90	58.83	0.00			
3/14/99 12:45	1011.50	29.87	0.000	14.90	58.83	0.00			
3/14/99 13:00	1011.50	29.87	0.000	14.64	58.36	0.00	0.00		
3/14/99 13:15	1011.50	29.87	0.000	14.90	58.83	0.00			
3/14/99 13:30	1011.38	29.87	0.000	14.90	58.83	0.00			
3/14/99 13:45	1011.25	29.86	0.000	14.90	58.83	0.00			
3/14/99 14:00	1010.88	29.85	0.000	14.64	58.36	0.00	0.00		
3/14/99 14:15	1010.63	29.84	0.000	14.84	58.36	0.00			
3/14/99 14:30	1010.50	29.84	0.000	15.18	59.30	0.00			
3/14/99 14:45	1010.50	29.84	0.000	15.18	59.30	0.00			
3/14/99 15:00	1010.50	29.84	0.000	15.69	60.24	0.00	0.00		
3/14/99 15:15	1010.63	29.84	0.000	15.69	60.24	0.00			
3/14/99 15:30	1010.50	29.84	0.000	15.95	60.71	0.00			
3/14/99 15:45	1010.63	29.84	0.000	15.95	60.71	0.00			
3/14/99 16:00	1010.88	29.85	0.000	16.21	61.18	0.00	0.00		
3/14/99 16:15	1010.88	29.85	0.000	16.21	61.18	0.00			
3/14/99 16:30	1010.75	29.85	0.000	16.21	61.18	0.00			
3/14/99 16:45	1010.75	29.85	0.000	16.21	61.18	0.00			
3/14/99 17:00	1010.63	29.84	0.000	16.21	61.18	0.00	0.00		
3/14/99 17:15	1010.75	29.85	0.000	16.21	61.18	0.00			
3/14/99 17:30	1010.75	29.85	0.000	15.95	60.71	0.00			
3/14/99 17:45	1010.88	29.85	0.000	15.95	60.71	0.00			
3/14/99 18:00	1010.88	29.85	0.000	15.95	60.71	0.00	0.00		
3/14/99 18:15	1010.75	29.85	0.000	15.69	60.24	0.00			
3/14/99 18:30	1010.88	29.85	0.000	15.95	60.71	0.00			
3/14/99 18:45	1011.13	29.86	0.000	15.43	59.77	0.00			
3/14/99 19:00	1011.25	29.86	0.000	15.43	59.77	0.00	0.00		
3/14/99 19:15	1011.38	29.87	0.000	14.90	58.83	0.00			
3/14/99 19:30	1011.63	29.87	0.000	14.38	57.89	0.00			
3/14/99 19:45	1011.75	29.88	0.000	14.12	57.42	0.00			
3/14/99 20:00	1012.00	29.88	0.000	13.86	56.95	0.00	0.00		
3/14/99 20:15	1012.13	29.89	0.000	13.60	56.47	0.00			
3/14/99 20:30	1012.25	29.89	0.000	13.34	56.00	0.00			
3/14/99 20:45	1012.13	29.89	0.000	12.81	55.06	0.00			
3/14/99 21:00	1012.00	29.88	0.000	12.55	54.59	0.00	0.00		
3/14/99 21:15	1012.00	29.88	0.000	12.03	53.65	0.00			
3/14/99 21:30	1012.00	29.88	0.000	11.77	53.18	0.00			
3/14/99 21:45	1011.88	29.88	0.000	11.51	52.71	0.00			
3/14/99 22:00	1011.88	29.88	0.000	11.25	52.24	0.00	0.00		
3/14/99 22:15	1011.88	29.88	0.000	11.51	52.71	0.00			
3/14/99 22:30	1011.88	29.88	0.000	11.51	52.71	0.00			
3/14/99 22:45	1011.88	29.88	0.000	11.25	52.24	0.00			
3/14/99 23:00	1012.00	29.88	0.000	10.98	51.77	0.00	0.00		
3/14/99 23:15	1012.00	29.88	0.000	10.98	51.77	0.00			
3/14/99 23:30	1012.13	29.89	0.000	10.98	51.77	0.00			
3/14/99 23:45	1012.25	29.89	0.000	10.98	51.77	0.00			
3/15/99 0:00	1012.38	29.90	0.000	10.98	51.77	0.00	0.00		
3/15/99 0:15	1012.38	29.90	0.000	10.98	51.77	0.00			
3/15/99 0:30	1012.50	29.90	0.000	10.98	51.77	0.00			
3/15/99 0:45	1012.50	29.90	0.000	10.98	51.77	0.00			
3/15/99 1:00	1012.63	29.90	0.000	10.98	51.77	0.00	0.00		
3/15/99 1:15	1012.88	29.91	0.000	10.98	51.77	0.00			
3/15/99 1:30	1013.00	29.91	0.000	10.98	51.77	0.00			
3/15/99 1:45	1013.00	29.91	0.000	10.98	51.77	0.00			
3/15/99 2:00	1013.00	29.91	0.000	10.98	51.77	0.00	0.00		
3/15/99 2:15	1013.13	29.92	0.000	11.25	52.24	0.00			
3/15/99 2:30	1013.13	29.92	0.000	11.51	52.71	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/15/99 2:45	1013.25	29.92	0.000	11.51	52.71	0.00			
3/15/99 3:00	1013.25	29.92	0.000	11.51	52.71	0.00	0.00		
3/15/99 3:15	1013.38	29.92	0.000	11.51	52.71	0.00			
3/15/99 3:30	1013.50	29.93	0.000	11.77	53.18	0.00			
3/15/99 3:45	1013.63	29.93	0.000	11.77	53.18	0.00			
3/15/99 4:00	1013.88	29.94	0.000	12.03	53.65	0.00	0.00		
3/15/99 4:15	1014.25	29.95	0.000	12.29	54.12	0.00			
3/15/99 4:30	1014.50	29.96	0.000	12.29	54.12	0.00			
3/15/99 4:45	1014.75	29.97	0.000	12.55	54.59	0.00			
3/15/99 5:00	1015.00	29.97	0.000	12.55	54.59	0.00	0.00		
3/15/99 5:15	1015.13	29.98	0.000	12.55	54.59	0.00			
3/15/99 5:30	1015.50	29.99	0.000	12.81	55.06	0.00			
3/15/99 5:45	1015.88	30.00	0.000	12.81	55.06	0.00			
3/15/99 6:00	1016.25	30.01	0.000	13.07	55.53	0.00	0.00		
3/15/99 6:15	1016.38	30.01	0.000	13.07	55.53	0.00			
3/15/99 6:30	1016.63	30.02	0.000	13.07	55.53	0.00			
3/15/99 6:45	1016.88	30.03	0.000	13.07	55.53	0.00			
3/15/99 7:00	1017.00	30.03	0.000	13.34	56.00	0.00	0.00		
3/15/99 7:15	1017.25	30.04	0.000	13.07	55.53	0.00			
3/15/99 7:30	1017.38	30.04	0.000	12.55	54.59	0.00			
3/15/99 7:45	1017.50	30.05	0.000	12.29	54.12	0.00			
3/15/99 8:00	1017.63	30.05	0.000	12.29	54.12	0.00	0.00		
3/15/99 8:15	1017.75	30.05	0.000	12.55	54.59	0.00			
3/15/99 8:30	1017.75	30.05	0.000	12.29	54.12	0.00			
3/15/99 8:45	1018.00	30.06	0.000	12.55	54.59	0.00			
3/15/99 9:00	1018.38	30.07	0.000	12.55	54.59	0.00	0.00		
3/15/99 9:15	1018.50	30.08	0.000	12.55	54.59	0.00			
3/15/99 9:30	1018.38	30.07	0.000	13.07	55.53	0.00			
3/15/99 9:45	1018.38	30.07	0.000	13.60	56.47	0.00			
3/15/99 10:00	1018.50	30.08	0.000	13.88	56.95	0.00	0.00		
3/15/99 10:15	1018.50	30.08	0.000	14.90	58.83	0.00			
3/15/99 10:30	1018.50	30.08	0.000	15.16	59.30	0.00			
3/15/99 10:45	1018.63	30.08	0.000	15.69	60.24	0.00			
3/15/99 11:00	1018.63	30.08	0.000	16.21	61.18	0.00	0.00		
3/15/99 11:15	1018.63	30.08	0.000	16.47	61.65	0.00			
3/15/99 11:30	1018.63	30.08	0.000	17.26	63.06	0.00			
3/15/99 11:45	1018.63	30.08	0.000	17.78	64.00	0.00			
3/15/99 12:00	1018.63	30.08	0.000	18.04	64.47	0.00	0.00		
3/15/99 12:15	1018.75	30.08	0.000	18.30	64.94	0.00			
3/15/99 12:30	1018.75	30.08	0.000	19.35	66.82	0.00			
3/15/99 12:45	1018.75	30.08	0.000	18.56	65.41	0.00			
3/15/99 13:00	1018.75	30.08	0.000	19.08	66.35	0.00	0.00		
3/15/99 13:15	1018.50	30.08	0.000	19.87	67.76	0.00			
3/15/99 13:30	1018.38	30.07	0.000	20.13	68.23	0.00			
3/15/99 13:45	1018.38	30.07	0.000	19.87	67.76	0.00			
3/15/99 14:00	1018.25	30.07	0.000	19.61	67.29	0.00	0.00		
3/15/99 14:15	1018.25	30.07	0.000	19.08	66.35	0.00			
3/15/99 14:30	1018.38	30.07	0.000	19.35	66.82	0.00			
3/15/99 14:45	1018.38	30.07	0.000	20.13	68.23	0.00			
3/15/99 15:00	1018.38	30.07	0.000	20.39	68.70	0.00	0.00		
3/15/99 15:15	1018.38	30.07	0.000	20.65	69.17	0.00			
3/15/99 15:30	1018.50	30.08	0.000	20.39	68.70	0.00			
3/15/99 15:45	1018.63	30.08	0.000	20.13	68.23	0.00			
3/15/99 16:00	1018.75	30.08	0.000	20.39	68.70	0.00	0.00		
3/15/99 16:15	1018.75	30.08	0.000	19.87	67.76	0.00			
3/15/99 16:30	1016.88	30.09	0.000	18.56	65.41	0.00			
3/15/99 16:45	1019.13	30.09	0.000	17.26	63.06	0.00			
3/15/99 17:00	1019.25	30.10	0.000	15.69	60.24	0.00	0.00		
3/15/99 17:15	1019.38	30.10	0.000	14.12	57.42	0.00			
3/15/99 17:30	1019.50	30.11	0.000	13.88	56.95	0.00			
3/15/99 17:45	1019.50	30.11	0.000	14.38	57.89	0.00			
3/15/99 18:00	1019.50	30.11	0.000	15.16	59.30	0.00	0.00		
3/15/99 18:15	1019.50	30.11	0.000	15.69	60.24	0.00			
3/15/99 18:30	1019.50	30.11	0.000	16.21	61.18	0.00			
3/15/99 18:45	1019.63	30.11	0.000	16.73	62.12	0.00			
3/15/99 19:00	1019.88	30.12	0.000	17.26	63.06	0.00	0.00		
3/15/99 19:15	1019.88	30.12	0.000	17.26	63.06	0.00			
3/15/99 19:30	1020.00	30.12	0.000	17.52	63.53	0.00			
3/15/99 19:45	1020.00	30.12	0.000	17.78	64.00	0.00			
3/15/99 20:00	1020.13	30.12	0.000	17.78	64.00	0.00	0.00		
3/15/99 20:15	1020.25	30.13	0.000	17.78	64.00	0.00			
3/15/99 20:30	1020.25	30.13	0.000	17.78	64.00	0.00			
3/15/99 20:45	1020.38	30.13	0.000	17.78	64.00	0.00			
3/15/99 21:00	1020.38	30.13	0.000	17.78	64.00	0.00	0.00		
3/15/99 21:15	1020.38	30.13	0.000	17.78	64.00	0.00			
3/15/99 21:30	1020.38	30.13	0.000	17.78	64.00	0.00			
3/15/99 21:45	1020.38	30.13	0.000	17.78	64.00	0.00			
3/15/99 22:00	1020.25	30.13	0.000	17.78	64.00	0.00	0.00		
3/15/99 22:15	1020.38	30.13	0.000	17.78	64.00	0.00			
3/15/99 22:30	1020.25	30.13	0.000	17.78	64.00	0.00			
3/15/99 22:45	1020.25	30.13	0.000	17.78	64.00	0.00			
3/15/99 23:00	1020.00	30.12	0.000	17.78	64.00	0.00	0.00		
3/15/99 23:15	1020.00	30.12	0.000	17.78	64.00	0.00			
3/15/99 23:30	1020.00	30.12	0.000	17.52	63.53	0.00			
3/15/99 23:45	1020.13	30.12	0.000	17.52	63.53	0.00			
3/16/99 0:00	1020.00	30.12	0.000	17.52	63.53	0.00	0.00		
3/16/99 0:15	1020.00	30.12	0.000	17.26	63.06	0.00			
3/16/99 0:30	1020.00	30.12	0.000	17.26	63.06	0.00			
3/16/99 0:45	1020.00	30.12	0.000	17.26	63.06	0.00			
3/16/99 1:00	1020.00	30.12	0.000	17.26	63.06	0.00	0.00		
3/16/99 1:15	1020.00	30.12	0.000	17.26	63.06	0.00			
3/16/99 1:30	1019.88	30.12	0.000	17.26	63.06	0.00			
3/16/99 1:45	1020.00	30.12	0.000	16.99	62.59	0.00			
3/16/99 2:00	1020.00	30.12	0.000	16.99	62.59	0.00	0.00		
3/16/99 2:15	1019.88	30.12	0.000	16.99	62.59	0.00			
3/16/99 2:30	1019.63	30.11	0.000	16.99	62.59	0.00			
3/16/99 2:45	1019.50	30.11	0.000	16.47	61.65	0.00			
3/16/99 3:00	1019.25	30.10	0.000	16.47	61.65	0.00	0.00		
3/16/99 3:15	1019.13	30.09	0.000	16.47	61.65	0.00			
3/16/99 3:30	1019.00	30.09	0.000	16.47	61.65	0.00			
3/16/99 3:45	1019.00	30.09	0.000	16.47	61.65	0.00			
3/16/99 4:00	1019.00	30.09	0.000	16.47	61.65	0.00	0.00		
3/16/99 4:15	1019.13	30.09	0.000	16.47	61.65	0.00			
3/16/99 4:30	1019.25	30.10	0.000	16.21	61.18	0.00			
3/16/99 4:45	1019.13	30.09	0.000	16.21	61.18	0.00			
3/16/99 5:00	1019.00	30.09	0.000	16.21	61.18	0.00	0.00		
3/16/99 5:15	1019.00	30.09	0.000	16.21	61.18	0.00			
3/16/99 5:30	1019.25	30.10	0.000	16.21	61.18	0.00			
3/16/99 5:45	1019.38	30.10	0.000	15.95	60.71	0.00			
3/16/99 6:00	1019.50	30.11	0.000	15.95	60.71	0.00	0.00		
3/16/99 6:15	1019.25	30.10	0.000	15.95	60.71	0.00			
3/16/99 6:30	1019.25	30.10	0.000	15.95	60.71	0.00			
3/16/99 6:45	1019.25	30.10	0.000	15.95	60.71	0.00			
3/16/99 7:00	1019.25	30.10	0.000	15.95	60.71	0.00	33.92		
3/16/99 7:15	1019.38	30.10	0.099	15.69	60.24	169.59			
3/16/99 7:30	1019.50	30.11	0.000	14.64	58.36	0.00			
3/16/99 7:45	1019.50	30.11	0.710	49.92	121.85	461.02			
3/16/99 8:00	1019.38	30.10	0.154	44.43	111.97	221.91	255.30		
3/16/99 8:15	1019.25	30.10	0.000	33.19	91.75	0.00			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/16/99 8:30	1019.13	30.09	1.095	24.57	76.23	573.57			
3/16/99 8:45	1019.00	30.09	1.126	25.09	77.17	582.23			
3/16/99 9:00	1018.75	30.08	1.576	29.01	84.22	693.68	435.63		
3/16/99 9:15	1018.50	30.08	0.356	27.71	81.67	328.68			
3/16/99 9:30	1018.38	30.07	0.000	23.00	73.41	0.00			
3/16/99 9:45	1018.25	30.07	0.000	20.13	68.23	0.00			
3/16/99 10:00	1018.50	30.08	0.000	18.04	64.47	0.00	190.07		
3/16/99 10:15	1018.50	30.08	0.718	23.53	74.35	463.82			
3/16/99 10:30	1018.50	30.08	0.788	24.57	76.23	486.75			
3/16/99 10:45	1018.38	30.07	0.000	22.22	72.00	0.00			
3/16/99 11:00	1018.13	30.07	0.000	19.87	67.76	0.00	97.35		
3/16/99 11:15	1018.00	30.06	0.000	18.56	65.41	0.00			
3/16/99 11:30	1017.75	30.05	0.000	17.52	63.53	0.00			
3/16/99 11:45	1017.50	30.05	0.524	18.30	64.94	392.78			
3/16/99 12:00	1017.25	30.04	0.202	20.13	68.23	244.67	314.23		
3/16/99 12:15	1017.13	30.04	0.148	22.22	72.00	210.31			
3/16/99 12:30	1016.63	30.02	1.663	37.90	100.22	723.39			
3/16/99 12:45	1016.00	30.00	1.126	62.20	143.96	618.28			
3/16/99 13:00	1015.63	29.99	1.132	66.12	151.01	623.56	643.20		
3/16/99 13:15	1015.25	29.98	1.127	68.21	154.77	624.21			
3/16/99 13:30	1015.00	29.97	1.130	69.76	157.60	626.58			
3/16/99 13:45	1014.75	29.97	1.105	70.30	158.54	620.16			
3/16/99 14:00	1014.63	29.96	1.164	70.04	158.07	636.41	633.81		
3/16/99 14:15	1014.38	29.95	1.180	70.04	158.07	640.73			
3/16/99 14:30	1014.25	29.95	1.196	70.04	158.07	645.16			
3/16/99 14:45	1014.25	29.95	1.207	70.30	158.54	648.28			
3/16/99 15:00	1014.13	29.95	1.212	70.56	159.01	649.91	649.87		
3/16/99 15:15	1013.88	29.94	1.219	71.08	159.95	652.33			
3/16/99 15:30	1013.75	29.94	1.224	71.08	159.95	653.68			
3/16/99 15:45	1013.63	29.93	0.910	82.84	181.11	573.28			
3/16/99 16:00	1013.63	29.93	0.791	93.03	199.45	541.94	574.54		
3/16/99 16:15	1013.50	29.93	0.813	92.25	198.04	549.04			
3/16/99 16:30	1013.50	29.93	0.833	91.20	196.16	554.76			
3/16/99 16:45	1013.50	29.93	0.844	90.16	194.28	557.91			
3/16/99 17:00	1013.50	29.93	0.852	89.63	193.34	559.98	559.81		
3/16/99 17:15	1013.38	29.92	0.858	89.11	192.40	561.44			
3/16/99 17:30	1013.25	29.92	0.869	88.59	191.46	564.95			
3/16/99 17:45	1013.13	29.92	0.865	88.59	191.46	563.56			
3/16/99 18:00	1013.13	29.92	0.874	87.80	190.05	566.00	564.95		
3/16/99 18:15	1013.25	29.92	0.873	87.54	189.58	565.34			
3/16/99 18:30	1013.38	29.92	0.872	87.54	189.58	564.91			
3/16/99 18:45	1013.38	29.92	0.884	86.76	188.17	568.11			
3/16/99 19:00	1013.38	29.92	0.880	86.24	187.23	568.50	565.98		
3/16/99 19:15	1013.38	29.92	0.874	86.50	187.70	564.90			
3/16/99 19:30	1013.38	29.92	0.879	85.45	185.82	565.47			
3/16/99 19:45	1013.38	29.92	0.888	84.15	183.46	567.28			
3/16/99 20:00	1013.25	29.92	0.880	83.89	182.99	564.68	565.31		
3/16/99 20:15	1013.25	29.92	0.878	84.15	183.46	564.09			
3/16/99 20:30	1013.38	29.92	0.881	83.89	182.99	565.03			
3/16/99 20:45	1013.38	29.92	0.888	83.36	182.05	566.63			
3/16/99 21:00	1013.38	29.92	0.889	83.36	182.05	567.02	565.46		
3/16/99 21:15	1013.50	29.93	0.879	83.36	182.05	564.01			
3/16/99 21:30	1013.50	29.93	0.881	83.36	182.05	564.58			
3/16/99 21:45	1013.63	29.93	0.887	83.10	181.58	566.17			
3/16/99 22:00	1013.63	29.93	0.896	82.32	180.17	568.50	566.26		
3/16/99 22:15	1013.63	29.93	0.892	82.32	180.17	567.13			
3/16/99 22:30	1013.75	29.94	0.883	83.10	181.58	564.92			
3/16/99 22:45	1013.75	29.94	0.879	83.10	181.58	563.73			
3/16/99 23:00	1013.88	29.94	0.881	82.84	181.11	564.07	565.05		
3/16/99 23:15	1013.75	29.94	0.888	82.06	179.70	565.88			
3/16/99 23:30	1013.75	29.94	0.893	81.53	178.76	566.85			
3/16/99 23:45	1013.75	29.94	0.893	81.53	178.76	566.86			
3/17/99 0:00	1013.75	29.94	0.886	81.79	179.23	564.87	565.11		
3/17/99 0:15	1013.88	29.94	0.882	82.06	179.70	563.67			
3/17/99 0:30	1013.88	29.94	0.880	82.58	180.64	563.48			
3/17/99 0:45	1013.88	29.94	0.883	82.84	181.11	564.67			
3/17/99 1:00	1013.75	29.94	0.893	82.06	179.70	567.08	565.91		
3/17/99 1:15	1013.75	29.94	0.894	81.79	179.23	567.25			
3/17/99 1:30	1013.63	29.93	0.894	81.53	178.76	567.06			
3/17/99 1:45	1013.63	29.93	0.891	81.79	179.23	566.30			
3/17/99 2:00	1013.50	29.93	0.883	82.06	179.70	563.97	565.06		
3/17/99 2:15	1013.50	29.93	0.884	82.06	179.70	564.35			
3/17/99 2:30	1013.38	29.92	0.881	82.06	179.70	563.58			
3/17/99 2:45	1013.38	29.92	0.888	81.53	178.76	565.37			
3/17/99 3:00	1013.38	29.92	0.893	81.27	178.29	566.56	565.50		
3/17/99 3:15	1013.25	29.92	0.895	81.27	178.29	567.39			
3/17/99 3:30	1013.25	29.92	0.886	81.27	178.29	564.59			
3/17/99 3:45	1013.25	29.92	0.880	81.27	178.29	562.61			
3/17/99 4:00	1013.25	29.92	0.882	81.53	178.76	563.43	563.88		
3/17/99 4:15	1013.25	29.92	0.881	81.53	178.76	563.20			
3/17/99 4:30	1013.38	29.92	0.889	81.27	178.29	565.58			
3/17/99 4:45	1013.38	29.92	0.893	81.27	178.29	566.75			
3/17/99 5:00	1013.38	29.92	0.887	81.53	178.76	564.99	565.14		
3/17/99 5:15	1013.38	29.92	0.884	82.06	179.70	564.38			
3/17/99 5:30	1013.50	29.93	0.882	82.32	180.17	563.98			
3/17/99 5:45	1013.50	29.93	0.767	86.59	191.46	530.54			
3/17/99 6:00	1013.63	29.93	0.747	91.99	197.57	528.00	535.02		
3/17/99 6:15	1013.63	29.93	0.751	91.99	197.57	527.30			
3/17/99 6:30	1013.63	29.93	0.750	92.25	198.04	527.28			
3/17/99 6:45	1013.75	29.94	0.750	92.51	198.51	527.43			
3/17/99 7:00	1013.88	29.94	0.746	92.77	198.98	528.04	528.75		
3/17/99 7:15	1014.00	29.94	0.747	93.03	199.45	528.65			
3/17/99 7:30	1014.25	29.95	0.748	93.03	199.45	528.34			
3/17/99 7:45	1014.25	29.95	0.754	93.03	199.45	528.98			
3/17/99 8:00	1014.25	29.95	0.755	93.29	199.93	529.62	528.93		
3/17/99 8:15	1014.25	29.95	0.754	93.81	200.87	529.79			
3/17/99 8:30	1014.25	29.95	0.753	94.60	202.28	529.90			
3/17/99 8:45	1014.38	29.95	0.753	95.12	203.22	530.03			
3/17/99 9:00	1014.25	29.95	0.750	95.64	204.16	529.56	530.47		
3/17/99 9:15	1014.25	29.95	0.753	95.64	204.16	530.44			
3/17/99 9:30	1014.13	29.95	0.758	95.90	204.63	532.42			
3/17/99 9:45	1014.00	29.94	0.759	96.17	205.10	533.31			
3/17/99 10:00	1013.88	29.94	0.758	96.69	206.04	533.05	532.97		
3/17/99 10:15	1013.75	29.94	0.754	97.47	207.45	532.55			
3/17/99 10:30	1013.88	29.94	0.756	98.26	208.88	533.51			
3/17/99 10:45	1014.00	29.94	0.750	98.52	209.33	531.68			
3/17/99 11:00	1013.88	29.94	0.758	98.78	209.80	534.55	534.40		
3/17/99 11:15	1013.63	29.93	0.760	98.78	209.80	535.50			
3/17/99 11:30	1013.63	29.93	0.763	99.04	210.27	536.78			
3/17/99 11:45	1013.25	29.92	0.759	99.30	210.74	535.52			
3/17/99 12:00	1012.88	29.91	0.755	99.56	211.21	534.50	535.49		
3/17/99 12:15	1012.75	29.91	0.756	100.35	212.62	535.30			
3/17/99 12:30	1012.38	29.90	0.754	100.87	213.56	535.35			
3/17/99 12:45	1012.13	29.89	0.756	101.13	214.04	536.03			
3/17/99 13:00	1011.50	29.87	0.761	100.87	213.56	537.78	537.20		
3/17/99 13:15	1011.13	29.86	0.763	101.13	214.04	538.95			
3/17/99 13:30	1010.88	29.85	0.759	101.39	214.51	537.90			
3/17/99 13:45	1010.63	29.84	0.759	102.18	215.92	538.52			
3/17/99 14:00	1010.50	29.84	0.758	102.44	216.39	538.07	538.43		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/17/99 14:15	1010.38	29.84	0.756	102.70	216.86	537.83			
3/17/99 14:30	1010.13	29.83	0.761	103.22	217.80	539.63			
3/17/99 14:45	1010.13	29.83	0.780	102.96	217.33	539.43			
3/17/99 15:00	1010.00	29.83	0.762	102.70	216.86	539.95	539.98		
3/17/99 15:15	1009.75	29.82	0.766	102.70	216.86	541.33			
3/17/99 15:30	1009.63	29.81	0.759	102.96	217.33	539.35			
3/17/99 15:45	1009.63	29.81	0.754	103.48	218.27	537.70			
3/17/99 16:00	1009.50	29.81	0.755	103.48	218.27	538.19	538.69		
3/17/99 16:15	1009.38	29.81	0.756	103.48	218.27	538.44			
3/17/99 16:30	1009.50	29.81	0.780	103.22	217.80	539.79			
3/17/99 16:45	1009.38	29.81	0.761	102.70	216.86	539.87			
3/17/99 17:00	1009.25	29.80	0.781	102.70	216.86	539.90	539.10		
3/17/99 17:15	1009.25	29.80	0.757	102.44	216.39	538.19			
3/17/99 17:30	1009.13	29.80	0.755	102.70	216.86	537.73			
3/17/99 17:45	1009.13	29.80	0.756	102.70	216.86	537.95			
3/17/99 18:00	1009.25	29.80	0.755	102.70	216.86	537.70	538.02		
3/17/99 18:15	1009.50	29.81	0.757	102.44	216.39	538.12			
3/17/99 18:30	1009.63	29.81	0.759	101.91	215.45	538.60			
3/17/99 16:45	1009.50	29.81	0.761	101.39	214.51	538.69			
3/17/99 19:00	1009.50	29.81	0.758	101.13	214.04	537.40	537.15		
3/17/99 19:15	1009.63	29.81	0.752	101.39	214.51	535.56			
3/17/99 19:30	1009.88	29.82	0.752	101.39	214.51	535.50			
3/17/99 19:45	1009.88	29.82	0.749	101.39	214.51	534.38			
3/17/99 20:00	1010.25	29.83	0.750	101.39	214.51	534.72	535.76		
3/17/99 20:15	1010.38	29.84	0.756	101.39	214.51	536.89			
3/17/99 20:30	1010.50	29.84	0.758	101.13	214.04	537.35			
3/17/99 20:45	1010.63	29.84	0.756	101.13	214.04	536.84			
3/17/99 21:00	1010.50	29.84	0.753	101.39	214.51	535.76	535.83		
3/17/99 21:15	1010.63	29.84	0.751	101.65	214.98	535.02			
3/17/99 21:30	1010.75	29.85	0.749	101.39	214.51	534.37			
3/17/99 21:45	1010.88	29.85	0.751	101.65	214.98	535.17			
3/17/99 22:00	1011.13	29.86	0.756	101.39	214.51	536.48	535.69		
3/17/99 22:15	1011.38	29.87	0.758	100.87	213.56	536.71			
3/17/99 22:30	1011.38	29.87	0.758	100.87	213.56	536.71			
3/17/99 22:45	1011.50	29.87	0.756	100.87	213.56	536.01			
3/17/99 23:00	1011.75	29.88	0.751	100.87	213.56	534.38	534.82		
3/17/99 23:15	1012.00	29.88	0.751	100.87	213.56	534.10			
3/17/99 23:30	1012.38	29.90	0.748	100.87	213.56	532.90			
3/17/99 23:45	1012.75	29.91	0.757	100.35	212.62	535.76			
3/18/99 0:00	1013.00	29.91	0.759	99.30	210.74	535.58	534.64		
3/18/99 0:15	1013.25	29.92	0.758	99.30	210.74	535.30			
3/18/99 0:30	1013.50	29.93	0.758	98.78	209.80	534.65			
3/18/99 0:45	1014.00	29.94	0.753	99.04	210.27	533.15			
3/18/99 1:00	1014.25	29.95	0.750	98.78	209.80	531.80	532.57		
3/18/99 1:15	1014.50	29.96	0.749	98.78	209.80	531.52			
3/18/99 1:30	1014.75	29.97	0.751	98.52	209.33	531.70			
3/18/99 1:45	1014.88	29.97	0.756	98.00	208.39	533.27			
3/18/99 2:00	1015.13	29.98	0.758	97.47	207.45	533.50	532.69		
3/18/99 2:15	1015.38	29.98	0.758	97.21	206.98	533.24			
3/18/99 2:30	1015.38	29.98	0.754	96.95	206.51	531.75			
3/18/99 2:45	1015.50	29.99	0.750	96.69	206.04	529.98			
3/18/99 3:00	1015.50	29.99	0.747	96.43	205.57	528.70	529.69		
3/18/99 3:15	1015.75	30.00	0.748	96.17	205.10	528.66			
3/18/99 3:30	1015.75	30.00	0.750	95.90	204.63	529.35			
3/18/99 3:45	1015.88	30.00	0.754	95.38	203.69	530.25			
3/18/99 4:00	1016.00	30.00	0.754	95.12	203.22	530.27	529.84		
3/18/99 4:15	1016.13	30.01	0.756	94.60	202.28	530.95			
3/18/99 4:30	1016.38	30.01	0.746	94.60	202.28	527.37			
3/18/99 4:45	1016.50	30.02	0.749	94.86	202.75	527.95			
3/18/99 5:00	1016.75	30.02	0.748	96.17	205.10	528.61	528.35		
3/18/99 5:15	1017.00	30.03	0.747	96.43	205.57	528.31			
3/18/99 5:30	1017.13	30.04	0.753	95.38	203.69	529.50			
3/18/99 5:45	1017.50	30.05	0.756	95.38	203.69	530.70			
3/18/99 6:00	1017.75	30.05	0.757	94.60	202.28	530.32	530.35		
3/18/99 6:15	1018.00	30.06	0.757	95.64	204.16	531.01			
3/18/99 8:30	1018.00	30.06	0.753	96.43	205.57	530.23			
3/18/99 6:45	1018.38	30.07	0.747	95.38	203.69	527.20			
3/18/99 7:00	1018.63	30.08	0.750	94.86	202.75	527.86	528.80		
3/18/99 7:15	1018.75	30.08	0.750	96.69	206.04	529.13			
3/18/99 7:30	1019.00	30.09	0.752	96.43	205.57	529.55			
3/18/99 7:45	1019.25	30.10	0.756	94.86	202.75	529.87			
3/18/99 8:00	1019.38	30.10	0.756	94.60	202.28	529.44	529.79		
3/18/99 8:15	1019.50	30.11	0.757	95.64	204.16	530.62			
3/18/99 8:30	1019.63	30.11	0.754	95.64	204.16	529.46			
3/18/99 8:45	1019.88	30.12	0.751	95.38	203.69	528.12			
3/18/99 9:00	1020.13	30.12	0.750	95.38	203.69	527.84	528.53		
3/18/99 9:15	1020.38	30.13	0.749	95.64	204.16	527.75			
3/18/99 9:30	1020.50	30.14	0.755	95.38	203.69	529.50			
3/18/99 9:45	1020.75	30.14	0.756	95.12	203.22	529.67			
3/18/99 10:00	1021.25	30.16	0.758	95.12	203.22	529.99	529.68		
3/18/99 10:15	1021.25	30.16	0.759	95.12	203.22	530.66			
3/18/99 10:30	1021.50	30.16	0.753	95.38	203.69	528.58			
3/18/99 10:45	1021.63	30.17	0.753	95.38	203.69	528.54			
3/18/99 11:00	1021.75	30.17	0.751	95.64	204.16	527.62	528.24		
3/18/99 11:15	1021.75	30.17	0.751	95.90	204.63	528.01			
3/18/99 11:30	1021.75	30.17	0.752	95.64	204.16	528.28			
3/18/99 11:45	1021.75	30.17	0.759	95.90	204.63	530.85			
3/18/99 12:00	1021.88	30.18	0.759	95.64	204.16	530.63	529.89		
3/18/99 12:15	1021.75	30.17	0.756	95.64	204.16	529.79			
3/18/99 12:30	1021.88	30.18	0.756	96.17	205.10	529.92			
3/18/99 12:45	1022.00	30.18	0.753	96.69	206.04	529.38			
3/18/99 13:00	1021.75	30.17	0.754	96.95	206.51	529.84	530.01		
3/18/99 13:15	1021.75	30.17	0.753	97.47	207.45	530.01			
3/18/99 13:30	1021.75	30.17	0.756	97.47	207.45	530.89			
3/18/99 13:45	1021.50	30.16	0.763	97.21	206.98	533.18			
3/18/99 14:00	1021.50	30.16	0.763	97.21	206.98	533.18	532.58		
3/18/99 14:15	1021.50	30.16	0.765	97.21	206.98	534.06			
3/18/99 14:30	1021.63	30.17	0.758	97.21	206.98	531.61			
3/18/99 14:45	1021.75	30.17	0.756	97.73	207.92	531.07			
3/18/99 15:00	1021.88	30.18	0.754	97.73	207.92	530.62	532.24		
3/18/99 15:15	1022.00	30.18	0.760	98.00	208.39	532.74			
3/18/99 15:30	1022.00	30.18	0.768	97.73	207.92	535.17			
3/18/99 15:45	1022.13	30.18	0.750	98.52	209.33	529.56			
3/18/99 16:00	1022.38	30.19	0.753	98.26	208.86	530.40	531.29		
3/18/99 16:15	1022.63	30.20	0.756	97.47	207.45	530.87			
3/18/99 16:30	1022.63	30.20	0.755	97.47	207.45	530.45			
3/18/99 16:45	1022.75	30.20	0.756	97.47	207.45	530.84			
3/18/99 17:00	1022.75	30.20	0.753	97.21	206.98	529.56	529.30		
3/18/99 17:15	1022.88	30.21	0.748	97.47	207.45	527.95			
3/18/99 17:30	1023.13	30.21	0.748	97.21	206.98	527.70			
3/18/99 17:45	1023.25	30.22	0.747	97.73	207.92	527.62			
3/18/99 18:00	1023.50	30.22	0.747	97.21	206.98	527.18	528.31		
3/18/99 18:15	1023.50	30.22	0.751	97.21	206.98	528.49			
3/18/99 18:30	1023.50	30.22	0.758	96.69	206.04	530.54			
3/18/99 18:45	1023.75	30.23	0.756	96.43	205.57	529.62			
3/18/99 19:00	1023.75	30.23	0.757	96.17	205.10	529.69	529.34		
3/18/99 19:15	1023.88	30.23	0.751	96.43	205.57	528.04			
3/18/99 19:30	1024.00	30.24	0.752	96.95	206.51	526.63			
3/18/99 19:45	1024.25	30.25	0.751	96.69	206.04	527.92			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/18/99 20:00	1024.50	30.25	0.747	96.89	206.04	528.55	527.90		
3/18/99 20:15	1024.88	30.26	0.749	96.89	206.04	527.09			
3/18/99 20:30	1025.00	30.27	0.756	96.43	205.57	529.30			
3/18/99 20:45	1025.25	30.28	0.759	95.90	204.63	529.94			
3/18/99 21:00	1025.50	30.28	0.758	95.64	204.16	529.27	528.92		
3/18/99 21:15	1025.63	30.29	0.752	95.90	204.63	527.46			
3/18/99 21:30	1025.63	30.29	0.753	97.21	206.98	528.61			
3/18/99 21:45	1025.63	30.29	0.753	97.21	206.98	528.61			
3/18/99 22:00	1025.75	30.29	0.749	96.43	205.57	526.88	527.78		
3/18/99 22:15	1026.00	30.30	0.751	95.64	204.16	528.73			
3/18/99 22:30	1026.13	30.30	0.756	95.38	203.69	528.26			
3/18/99 22:45	1026.13	30.30	0.758	96.43	205.57	529.67			
3/18/99 23:00	1026.38	30.31	0.759	96.17	205.10	529.84	529.21		
3/18/99 23:15	1026.50	30.31	0.757	97.21	206.98	529.93			
3/18/99 23:30	1026.75	30.32	0.754	96.89	206.04	528.37			
3/18/99 23:45	1026.88	30.32	0.752	97.47	207.45	528.26			
3/19/99 0:00	1026.88	30.32	0.751	97.73	207.92	528.20	527.85		
3/19/99 0:15	1026.75	30.32	0.750	96.95	206.51	527.25			
3/19/99 0:30	1027.00	30.33	0.753	95.38	203.69	527.16			
3/19/99 0:45	1027.00	30.33	0.760	96.95	206.51	530.69			
3/19/99 1:00	1027.00	30.33	0.760	96.43	205.57	530.32	529.55		
3/19/99 1:15	1026.88	30.32	0.759	95.64	204.16	529.33			
3/19/99 1:30	1026.88	30.32	0.758	97.47	207.45	530.23			
3/19/99 1:45	1026.88	30.32	0.750	95.64	204.16	526.29			
3/19/99 2:00	1027.00	30.33	0.748	94.60	202.28	524.85	527.72		
3/19/99 2:15	1027.00	30.33	0.751	98.00	208.39	528.38			
3/19/99 2:30	1026.88	30.32	0.753	97.73	207.92	528.87			
3/19/99 2:45	1026.50	30.31	0.758	97.21	206.98	530.14			
3/19/99 3:00	1026.38	30.31	0.759	96.89	206.04	530.46	530.13		
3/19/99 3:15	1026.50	30.31	0.758	96.95	206.51	530.16			
3/19/99 3:30	1026.50	30.31	0.760	97.21	206.98	531.01			
3/19/99 3:45	1026.63	30.32	0.756	97.73	207.92	529.81			
3/19/99 4:00	1026.50	30.31	0.754	97.47	207.45	529.24	528.96		
3/19/99 4:15	1026.50	30.31	0.750	95.38	203.69	526.20			
3/19/99 4:30	1026.75	30.32	0.754	96.95	206.51	528.55			
3/19/99 4:45	1027.13	30.33	0.754	98.00	208.39	529.45			
3/19/99 5:00	1027.38	30.34	0.760	97.47	207.45	530.97	529.89		
3/19/99 5:15	1027.50	30.34	0.759	96.89	206.04	529.92			
3/19/99 5:30	1027.63	30.35	0.761	96.89	206.04	530.55			
3/19/99 5:45	1027.63	30.35	0.757	96.17	205.10	528.89			
3/19/99 6:00	1027.75	30.35	0.755	97.21	206.98	528.94	528.92		
3/19/99 6:15	1028.00	30.36	0.752	96.43	205.57	527.23			
3/19/99 6:30	1028.13	30.36	0.754	97.73	207.92	529.00			
3/19/99 6:45	1028.13	30.36	0.750	97.21	206.98	527.09			
3/19/99 7:00	1028.13	30.36	0.759	97.21	206.98	530.14	529.81		
3/19/99 7:15	1028.25	30.36	0.761	96.95	206.51	530.58			
3/19/99 7:30	1028.50	30.37	0.765	97.21	206.98	532.23			
3/19/99 7:45	1028.63	30.38	0.762	96.89	206.04	530.75			
3/19/99 8:00	1028.50	30.37	0.757	96.43	205.57	528.85	530.00		
3/19/99 8:15	1028.38	30.37	0.753	97.73	207.92	528.48			
3/19/99 8:30	1028.63	30.36	0.756	98.00	208.39	529.89			
3/19/99 8:45	1028.88	30.38	0.754	97.73	207.92	528.81			
3/19/99 9:00	1028.75	30.38	0.753	96.95	206.51	527.83	528.46		
3/19/99 9:15	1028.75	30.38	0.753	95.64	204.16	526.90			
3/19/99 9:30	1028.88	30.38	0.760	95.38	203.69	529.09			
3/19/99 9:45	1028.88	30.38	0.759	95.12	203.22	528.45			
3/19/99 10:00	1029.00	30.39	0.755	95.12	203.22	527.12	527.60		
3/19/99 10:15	1028.88	30.38	0.754	95.12	203.22	526.70			
3/19/99 10:30	1028.88	30.38	0.753	95.64	204.16	526.65			
3/19/99 10:45	1028.88	30.38	0.753	95.90	204.63	527.05			
3/19/99 11:00	1028.88	30.38	0.750	96.17	205.10	526.15	526.86		
3/19/99 11:15	1028.75	30.38	0.750	96.43	205.57	526.37			
3/19/99 11:30	1028.88	30.38	0.755	96.43	205.57	528.09			
3/19/99 11:45	1028.75	30.36	0.759	96.43	205.57	529.66			
3/19/99 12:00	1028.75	30.38	0.761	96.43	205.57	530.28	529.33		
3/19/99 12:15	1028.63	30.38	0.759	96.89	206.04	529.88			
3/19/99 12:30	1028.50	30.37	0.755	97.21	206.98	528.74			
3/19/99 12:45	1028.38	30.37	0.753	97.73	207.92	528.48			
3/19/99 13:00	1028.50	30.37	0.755	98.00	208.39	529.30	529.04		
3/19/99 13:15	1028.25	30.36	0.754	98.26	208.86	529.10			
3/19/99 13:30	1028.00	30.36	0.754	98.52	209.33	529.59			
3/19/99 13:45	1028.00	30.36	0.759	98.52	209.33	531.10			
3/19/99 14:00	1027.88	30.35	0.759	98.52	209.33	531.38	531.14		
3/19/99 14:15	1027.88	30.35	0.763	98.52	209.33	532.46			
3/19/99 14:30	1027.75	30.35	0.758	98.78	209.80	531.14			
3/19/99 14:45	1027.63	30.35	0.754	99.04	210.27	529.82			
3/19/99 15:00	1027.50	30.34	0.755	99.30	210.74	530.49	530.18		
3/19/99 15:15	1027.50	30.34	0.753	99.30	210.74	529.82			
3/19/99 15:30	1027.38	30.34	0.753	99.30	210.74	529.85			
3/19/99 15:45	1027.38	30.34	0.751	99.56	211.21	529.37			
3/19/99 16:00	1027.25	30.33	0.756	99.30	210.74	530.98	531.03		
3/19/99 16:15	1027.13	30.33	0.761	99.04	210.27	532.58			
3/19/99 16:30	1027.25	30.33	0.762	98.78	209.80	532.60			
3/19/99 16:45	1027.13	30.33	0.761	99.04	210.27	532.37			
3/19/99 17:00	1027.13	30.33	0.756	99.04	210.27	530.61	531.01		
3/19/99 17:15	1027.13	30.33	0.753	99.04	210.27	529.52			
3/19/99 17:30	1027.13	30.33	0.754	99.04	210.27	529.95			
3/19/99 17:45	1027.25	30.33	0.751	98.78	209.80	528.85			
3/19/99 18:00	1027.25	30.33	0.751	98.78	209.80	528.64	529.45		
3/19/99 18:15	1027.25	30.33	0.756	98.52	209.33	530.21			
3/19/99 18:30	1027.38	30.34	0.756	97.73	207.92	529.62			
3/19/99 18:45	1027.83	30.35	0.759	97.47	207.45	530.45			
3/19/99 19:00	1027.50	30.34	0.756	97.21	206.98	529.42	528.71		
3/19/99 19:15	1027.50	30.34	0.752	96.95	206.51	527.73			
3/19/99 19:30	1027.63	30.35	0.748	97.21	206.98	526.34			
3/19/99 19:45	1027.63	30.35	0.749	97.21	206.98	526.78			
3/19/99 20:00	1027.75	30.35	0.748	96.89	206.04	526.14	528.36		
3/19/99 20:15	1027.88	30.35	0.746	96.43	205.57	525.05			
3/19/99 20:30	1027.88	30.35	0.753	96.17	205.10	527.49			
3/19/99 20:45	1028.00	30.36	0.756	96.43	205.57	528.52			
3/19/99 21:00	1028.00	30.36	0.758	96.95	206.51	529.77	528.38		
3/19/99 21:15	1028.13	30.36	0.757	96.89	206.04	529.13			
3/19/99 21:30	1028.25	30.36	0.753	95.90	204.63	527.00			
3/19/99 21:45	1028.13	30.36	0.751	98.00	208.39	527.86			
3/19/99 22:00	1028.00	30.36	0.749	96.95	206.51	526.48	525.95		
3/19/99 22:15	1027.88	30.35	0.745	95.64	204.16	524.28			
3/19/99 22:30	1027.75	30.35	0.746	95.12	203.22	524.15			
3/19/99 22:45	1028.00	30.38	0.750	96.89	206.04	526.75			
3/19/99 23:00	1027.88	30.35	0.754	96.89	206.04	528.32	527.49		
3/19/99 23:15	1028.00	30.36	0.754	95.90	204.63	527.49			
3/19/99 23:30	1028.00	30.36	0.759	98.00	208.39	530.73			
3/19/99 23:45	1028.00	30.36	0.754	98.26	208.86	529.16			
3/20/99 0:00	1027.88	30.35	0.753	98.26	208.86	528.77	528.79		
3/20/99 0:15	1027.75	30.35	0.749	98.26	208.86	527.71			
3/20/99 0:30	1027.50	30.34	0.749	98.00	208.39	527.59			
3/20/99 0:45	1027.38	30.34	0.749	97.73	207.92	527.19			
3/20/99 1:00	1027.25	30.33	0.755	97.73	207.92	529.44	528.45		
3/20/99 1:15	1027.13	30.33	0.755	97.47	207.45	529.28			
3/20/99 1:30	1027.13	30.33	0.755	96.69	206.04	528.73			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/20/99 1:45	1027.13	30.33	0.752	95.90	204.63	527.08			
3/20/99 2:00	1027.00	30.33	0.750	98.26	208.86	526.12	527.65		
3/20/99 2:15	1027.00	30.33	0.748	97.73	207.92	526.87			
3/20/99 2:30	1026.88	30.32	0.748	98.26	208.86	527.46			
3/20/99 2:45	1026.75	30.32	0.750	98.26	208.88	528.16			
3/20/99 3:00	1026.50	30.31	0.750	97.73	207.92	527.88	526.56		
3/20/99 3:15	1026.38	30.31	0.756	97.47	207.45	529.69			
3/20/99 3:30	1026.13	30.30	0.756	96.95	206.51	529.59			
3/20/99 3:45	1026.13	30.30	0.753	97.47	207.45	528.88			
3/20/99 4:00	1026.13	30.30	0.752	97.21	206.98	528.27	528.40		
3/20/99 4:15	1026.13	30.30	0.750	97.47	207.45	527.79			
3/20/99 4:30	1026.25	30.31	0.748	98.00	208.39	527.46			
3/20/99 4:45	1026.13	30.30	0.747	96.95	206.51	526.32			
3/20/99 5:00	1026.00	30.30	0.748	97.47	207.45	527.15	527.43		
3/20/99 5:15	1025.88	30.29	0.749	96.95	206.51	527.02			
3/20/99 5:30	1025.75	30.29	0.754	97.47	207.45	529.18			
3/20/99 5:45	1025.63	30.29	0.754	96.43	205.57	528.71			
3/20/99 6:00	1025.63	30.29	0.754	97.21	206.98	529.27	528.53		
3/20/99 6:15	1025.50	30.28	0.751	97.47	207.45	528.37			
3/20/99 6:30	1025.50	30.28	0.748	97.21	206.98	527.09			
3/20/99 6:45	1025.50	30.28	0.746	97.73	207.92	526.79			
3/20/99 7:00	1025.38	30.28	0.743	97.21	206.98	525.36	525.96		
3/20/99 7:15	1025.50	30.28	0.740	97.21	206.98	524.23			
3/20/99 7:30	1025.75	30.29	0.746	97.47	207.45	526.33			
3/20/99 7:45	1025.75	30.29	0.753	97.47	207.45	528.76			
3/20/99 8:00	1025.88	30.29	0.753	95.90	204.63	527.61	526.67		
3/20/99 8:15	1025.88	30.29	0.750	95.38	203.69	526.36			
3/20/99 8:30	1026.13	30.30	0.744	95.64	204.16	524.27			
3/20/99 8:45	1026.25	30.31	0.743	95.90	204.63	524.21			
3/20/99 9:00	1026.38	30.31	0.743	96.43	205.57	524.34	524.64		
3/20/99 9:15	1026.13	30.30	0.743	96.95	206.51	524.98			
3/20/99 9:30	1026.00	30.30	0.744	97.21	206.98	525.41			
3/20/99 9:45	1025.63	30.29	0.747	97.47	207.45	526.82			
3/20/99 10:00	1025.38	30.28	0.753	97.47	207.45	528.86	527.77		
3/20/99 10:15	1025.25	30.28	0.753	97.47	207.45	528.89			
3/20/99 10:30	1025.25	30.28	0.752	97.73	207.92	528.87			
3/20/99 10:45	1025.13	30.27	0.747	98.52	209.33	527.69			
3/20/99 11:00	1024.75	30.26	0.746	98.78	209.80	527.52	528.00		
3/20/99 11:15	1024.13	30.24	0.745	99.30	210.74	527.83			
3/20/99 11:30	1023.88	30.23	0.745	99.56	211.21	528.08			
3/20/99 11:45	1023.50	30.22	0.746	99.82	211.68	528.58			
3/20/99 12:00	1023.00	30.21	0.751	100.09	212.15	530.88	529.99		
3/20/99 12:15	1022.63	30.20	0.751	100.09	212.15	530.97			
3/20/99 12:30	1022.63	30.20	0.753	100.09	212.15	531.43			
3/20/99 12:45	1022.50	30.19	0.754	100.35	212.62	532.07			
3/20/99 13:00	1022.25	30.19	0.750	100.87	213.56	531.20	531.13		
3/20/99 13:15	1022.00	30.18	0.747	101.39	214.51	530.54			
3/20/99 13:30	1021.63	30.17	0.746	101.39	214.51	530.39			
3/20/99 13:45	1021.25	30.16	0.746	101.65	214.98	530.67			
3/20/99 14:00	1020.88	30.15	0.746	102.18	215.92	530.92	531.17		
3/20/99 14:15	1020.50	30.14	0.748	101.65	214.98	531.54			
3/20/99 14:30	1020.25	30.13	0.751	101.39	214.51	532.31			
3/20/99 14:45	1020.00	30.12	0.751	101.39	214.51	532.58			
3/20/99 15:00	1019.75	30.11	0.754	101.39	214.51	533.54	532.74		
3/20/99 15:15	1019.63	30.11	0.751	101.91	215.45	533.05			
3/20/99 15:30	1019.25	30.10	0.748	102.44	216.39	532.21			
3/20/99 15:45	1018.88	30.09	0.744	102.44	216.39	531.20			
3/20/99 16:00	1018.63	30.08	0.744	102.18	215.92	530.83	531.02		
3/20/99 16:15	1018.50	30.08	0.743	102.44	216.39	530.62			
3/20/99 16:30	1018.38	30.07	0.742	102.18	215.92	530.25			
3/20/99 16:45	1018.38	30.07	0.746	101.91	215.45	531.60			
3/20/99 17:00	1018.13	30.07	0.749	101.39	214.51	532.19	531.62		
3/20/99 17:15	1018.00	30.06	0.749	101.39	214.51	532.22			
3/20/99 17:30	1017.88	30.06	0.748	101.39	214.51	531.83			
3/20/99 17:45	1017.75	30.05	0.742	101.39	214.51	529.86			
3/20/99 18:00	1017.63	30.05	0.742	101.39	214.51	529.89	529.87		
3/20/99 18:15	1017.63	30.05	0.738	101.39	214.51	528.54			
3/20/99 18:30	1017.63	30.05	0.740	101.39	214.51	529.22			
3/20/99 18:45	1017.75	30.05	0.738	101.13	214.04	528.32			
3/20/99 19:00	1017.50	30.05	0.743	100.35	212.62	529.40	529.15		
3/20/99 19:15	1017.38	30.04	0.744	99.56	211.21	529.56			
3/20/99 19:30	1017.13	30.04	0.744	99.04	210.27	529.25			
3/20/99 19:45	1016.88	30.03	0.743	99.04	210.27	528.64			
3/20/99 20:00	1016.63	30.02	0.738	99.04	210.27	526.92	527.35		
3/20/99 20:15	1016.50	30.02	0.736	99.04	210.27	526.49			
3/20/99 20:30	1016.25	30.01	0.734	98.78	209.80	525.47			
3/20/99 20:45	1016.38	30.01	0.734	98.78	209.80	525.44			
3/20/99 21:00	1016.25	30.01	0.732	98.78	209.80	524.83	526.07		
3/20/99 21:15	1016.25	30.01	0.738	98.78	209.80	527.05			
3/20/99 21:30	1016.25	30.01	0.741	98.26	208.86	527.57			
3/20/99 21:45	1016.13	30.01	0.743	98.00	208.39	528.30			
3/20/99 22:00	1016.13	30.01	0.741	97.73	207.92	527.44	527.00		
3/20/99 22:15	1016.25	30.01	0.737	97.73	207.92	525.66			
3/20/99 22:30	1016.13	30.01	0.735	98.52	209.33	525.79			
3/20/99 22:45	1016.13	30.01	0.733	98.52	209.33	524.89			
3/20/99 23:00	1015.88	30.00	0.732	98.52	209.33	524.74	524.97		
3/20/99 23:15	1015.63	29.99	0.731	98.52	209.33	524.55			
3/20/99 23:30	1015.50	29.99	0.733	98.00	208.39	524.90			
3/20/99 23:45	1015.25	29.98	0.737	97.73	207.92	526.14			
3/21/99 0:00	1014.88	29.97	0.739	97.73	207.92	526.68	526.12		
3/21/99 0:15	1014.75	29.97	0.739	97.47	207.45	526.97			
3/21/99 0:30	1014.38	29.95	0.736	97.47	207.45	525.71			
3/21/99 0:45	1014.38	29.95	0.731	97.73	207.92	524.11			
3/21/99 1:00	1014.25	29.95	0.729	97.73	207.92	523.46	524.30		
3/21/99 1:15	1014.13	29.95	0.729	98.00	208.39	523.68			
3/21/99 1:30	1014.00	29.94	0.730	98.52	209.33	524.54			
3/21/99 1:45	1013.88	29.94	0.732	98.26	208.86	525.07			
3/21/99 2:00	1013.75	29.94	0.734	97.73	207.92	525.63	525.33		
3/21/99 2:15	1013.38	29.92	0.736	97.21	206.98	525.79			
3/21/99 2:30	1013.13	29.92	0.735	97.21	206.98	525.64			
3/21/99 2:45	1012.75	29.91	0.731	96.95	206.51	523.97			
3/21/99 3:00	1012.50	29.90	0.726	96.95	206.51	522.46	523.24		
3/21/99 3:15	1012.13	29.89	0.725	96.95	206.51	522.12			
3/21/99 3:30	1011.88	29.88	0.725	96.69	206.04	522.00			
3/21/99 3:45	1011.88	29.88	0.724	96.69	206.04	521.54			
3/21/99 4:00	1011.75	29.88	0.729	98.00	208.39	524.54	524.01		
3/21/99 4:15	1011.88	29.88	0.733	97.21	206.98	525.28			
3/21/99 4:30	1012.00	29.88	0.735	98.26	208.86	526.67			
3/21/99 4:45	1011.88	29.88	0.735	97.47	207.45	526.15			
3/21/99 5:00	1011.86	29.88	0.729	96.69	206.04	523.59	524.54		
3/21/99 5:15	1011.75	29.88	0.723	97.47	207.45	521.90			
3/21/99 5:30	1011.75	29.88	0.728	98.78	209.80	524.41			
3/21/99 5:45	1011.75	29.88	0.725	98.52	209.33	523.32			
3/21/99 6:00	1011.75	29.88	0.726	99.04	210.27	524.13	524.65		
3/21/99 6:15	1011.75	29.88	0.729	98.78	209.80	525.09			
3/21/99 6:30	1011.88	29.88	0.734	98.00	208.39	526.30			
3/21/99 6:45	1012.00	29.88	0.732	97.47	207.45	525.00			
3/21/99 7:00	1012.00	29.88	0.733	98.26	208.86	525.99	525.29		
3/21/99 7:15	1012.00	29.88	0.731	98.52	209.33	525.49			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/21/99 7:30	1012.13	29.89	0.726	98.52	209.33	523.86			
3/21/99 7:45	1012.25	29.89	0.728	98.26	208.86	523.91			
3/21/99 8:00	1012.50	29.90	0.727	98.26	208.86	523.63	523.90		
3/21/99 8:15	1012.50	29.90	0.727	98.26	208.86	523.63			
3/21/99 8:30	1012.63	29.90	0.729	98.52	209.33	524.68			
3/21/99 8:45	1012.75	29.91	0.735	98.26	208.86	526.48			
3/21/99 9:00	1012.88	29.91	0.734	98.26	208.86	526.23	525.98		
3/21/99 9:15	1013.00	29.91	0.736	98.26	208.86	526.63			
3/21/99 9:30	1013.00	29.91	0.733	98.78	209.80	525.88			
3/21/99 9:45	1013.13	29.92	0.726	99.04	210.27	523.77			
3/21/99 10:00	1013.13	29.92	0.728	99.56	211.21	524.82	524.90		
3/21/99 10:15	1013.13	29.92	0.728	99.82	211.68	525.01			
3/21/99 10:30	1013.00	29.91	0.728	100.09	212.15	525.01			
3/21/99 10:45	1013.00	29.91	0.733	100.09	212.15	526.81			
3/21/99 11:00	1013.13	29.92	0.735	100.35	212.62	527.86	527.40		
3/21/99 11:15	1013.13	29.92	0.738	100.35	212.62	528.75			
3/21/99 11:30	1013.13	29.92	0.738	100.09	212.15	528.57			
3/21/99 11:45	1013.25	29.92	0.734	100.61	213.09	527.54			
3/21/99 12:00	1013.25	29.92	0.731	101.13	214.04	527.01	527.40		
3/21/99 12:15	1013.38	29.92	0.731	101.39	214.51	527.16			
3/21/99 12:30	1013.50	29.93	0.730	101.39	214.51	526.70			
3/21/99 12:45	1013.50	29.93	0.730	101.13	214.04	526.51			
3/21/99 13:00	1013.50	29.93	0.729	101.39	214.51	526.48	527.49		
3/21/99 13:15	1013.50	29.93	0.736	101.13	214.04	528.74			
3/21/99 13:30	1013.50	29.93	0.738	100.87	213.56	529.03			
3/21/99 13:45	1013.50	29.93	0.738	100.87	213.56	528.56			
3/21/99 14:00	1013.50	29.93	0.739	101.13	214.04	529.64	528.65		
3/21/99 14:15	1013.50	29.93	0.736	101.39	214.51	528.93			
3/21/99 14:30	1013.50	29.93	0.731	101.65	214.98	527.10			
3/21/99 14:45	1013.63	29.93	0.733	101.39	214.51	527.57			
3/21/99 15:00	1013.75	29.94	0.731	101.39	214.51	526.85	526.94		
3/21/99 15:15	1014.00	29.94	0.731	101.13	214.04	526.60			
3/21/99 15:30	1014.13	29.95	0.731	100.87	213.56	526.60			
3/21/99 15:45	1014.25	29.95	0.735	100.35	212.62	527.56			
3/21/99 16:00	1014.38	29.95	0.738	100.09	212.15	528.46	527.47		
3/21/99 16:15	1014.50	29.96	0.738	100.35	212.62	528.61			
3/21/99 16:30	1014.75	29.97	0.732	100.09	212.15	526.14			
3/21/99 16:45	1014.88	29.97	0.730	100.61	213.09	525.79			
3/21/99 17:00	1015.25	29.98	0.730	100.87	213.56	525.88	525.81		
3/21/99 17:15	1015.63	29.99	0.733	100.35	212.62	526.31			
3/21/99 17:30	1015.88	30.00	0.729	100.09	212.15	524.95			
3/21/99 17:45	1016.13	30.01	0.731	99.82	211.68	525.35			
3/21/99 18:00	1016.38	30.01	0.734	99.04	210.27	525.86	525.84		
3/21/99 18:15	1016.13	30.01	0.739	98.78	209.80	527.29			
3/21/99 18:30	1016.38	30.01	0.735	98.52	209.33	525.72			
3/21/99 18:45	1016.50	30.02	0.734	98.52	209.33	525.22			
3/21/99 19:00	1016.63	30.02	0.730	98.52	209.33	523.87	524.62		
3/21/99 19:15	1016.63	30.02	0.729	98.52	209.33	523.65			
3/21/99 19:30	1016.63	30.02	0.731	99.30	210.74	524.63			
3/21/99 19:45	1016.75	30.02	0.729	99.30	210.74	524.17			
3/21/99 20:00	1016.88	30.03	0.728	99.30	210.74	523.67	524.63		
3/21/99 20:15	1016.88	30.03	0.733	98.78	209.80	525.10			
3/21/99 20:30	1016.88	30.03	0.734	98.78	209.80	525.56			
3/21/99 20:45	1016.88	30.03	0.735	98.52	209.33	525.59			
3/21/99 21:00	1016.88	30.03	0.740	97.73	207.92	526.82	525.59		
3/21/99 21:15	1016.88	30.03	0.736	99.04	210.27	526.18			
3/21/99 21:30	1016.75	30.02	0.729	98.78	209.80	523.80			
3/21/99 21:45	1016.75	30.02	0.730	98.26	208.86	523.85			
3/21/99 22:00	1016.88	30.03	0.729	98.78	209.80	523.77	523.22		
3/21/99 22:15	1016.75	30.02	0.726	99.30	210.74	522.80			
3/21/99 22:30	1016.75	30.02	0.726	98.26	208.86	522.07			
3/21/99 22:45	1016.75	30.02	0.729	96.95	206.51	522.26			
3/21/99 23:00	1016.75	30.02	0.732	96.43	205.57	523.04	522.81		
3/21/99 23:15	1016.75	30.02	0.735	95.90	204.63	523.77			
3/21/99 23:30	1016.75	30.02	0.733	95.64	204.16	522.91			
3/21/99 23:45	1016.75	30.02	0.731	97.47	207.45	523.31			
3/22/99 0:00	1016.75	30.02	0.731	99.82	211.68	524.97	523.70		
3/22/99 0:15	1016.75	30.02	0.729	99.30	210.74	523.92			
3/22/99 0:30	1016.63	30.02	0.728	98.78	209.80	523.37			
3/22/99 0:45	1016.75	30.02	0.727	99.30	210.74	523.27			
3/22/99 1:00	1016.88	30.03	0.731	99.04	210.27	524.60	524.23		
3/22/99 1:15	1016.75	30.02	0.734	98.52	209.33	525.16			
3/22/99 1:30	1016.75	30.02	0.736	96.95	206.51	524.73			
3/22/99 1:45	1016.88	30.03	0.736	96.43	205.57	524.33			
3/22/99 2:00	1016.88	30.03	0.734	97.21	206.98	524.20	524.32		
3/22/99 2:15	1016.75	30.02	0.730	99.30	210.74	524.39			
3/22/99 2:30	1016.63	30.02	0.729	99.30	210.74	523.95			
3/22/99 2:45	1016.50	30.02	0.731	99.30	210.74	524.87			
3/22/99 3:00	1016.50	30.02	0.728	99.04	210.27	523.58	522.98		
3/22/99 3:15	1016.63	30.02	0.725	97.47	207.45	521.33			
3/22/99 3:30	1016.75	30.02	0.726	96.95	206.51	521.37			
3/22/99 3:45	1016.63	30.02	0.731	95.90	204.63	522.24			
3/22/99 4:00	1016.75	30.02	0.729	95.90	204.63	521.78	523.08		
3/22/99 4:15	1016.75	30.02	0.736	97.47	207.45	525.10			
3/22/99 4:30	1016.75	30.02	0.733	98.78	209.80	524.91			
3/22/99 4:45	1016.75	30.02	0.728	98.78	209.80	523.34			
3/22/99 5:00	1016.88	30.03	0.731	99.04	210.27	524.38	523.33		
3/22/99 5:15	1016.75	30.02	0.728	98.52	209.33	523.15			
3/22/99 5:30	1016.88	30.03	0.724	97.21	206.98	520.87			
3/22/99 5:45	1017.00	30.03	0.728	99.04	210.27	523.45			
3/22/99 6:00	1016.88	30.03	0.729	99.04	210.27	523.95	523.39		
3/22/99 6:15	1017.00	30.03	0.734	98.52	209.33	525.35			
3/22/99 6:30	1017.13	30.04	0.732	96.95	206.51	523.31			
3/22/99 6:45	1017.13	30.04	0.732	96.43	205.57	522.94			
3/22/99 7:00	1017.00	30.03	0.728	96.17	205.10	521.43	521.64		
3/22/99 7:15	1017.25	30.04	0.728	96.43	205.57	520.87			
3/22/99 7:30	1017.50	30.05	0.723	96.69	206.04	519.66			
3/22/99 7:45	1017.50	30.05	0.724	96.95	206.51	520.53			
3/22/99 8:00	1017.63	30.05	0.725	96.95	206.51	520.71	520.93		
3/22/99 8:15	1017.63	30.05	0.726	97.21	206.98	521.11			
3/22/99 8:30	1017.88	30.06	0.731	96.95	206.51	522.85			
3/22/99 8:45	1018.25	30.07	0.733	96.95	206.51	523.45			
3/22/99 9:00	1018.63	30.08	0.797	94.60	202.28	543.92	528.47		
3/22/99 9:15	1019.00	30.09	0.731	96.43	205.57	522.21			
3/22/99 9:30	1019.25	30.10	0.722	98.26	208.88	520.10			
3/22/99 9:45	1019.25	30.10	0.726	98.78	209.80	521.79			
3/22/99 10:00	1019.38	30.10	0.726	98.78	209.80	521.76	521.12		
3/22/99 10:15	1019.63	30.11	0.723	99.04	210.27	520.98			
3/22/99 10:30	1019.50	30.11	0.723	99.30	210.74	520.98			
3/22/99 10:45	1019.50	30.11	0.723	99.56	211.21	521.38			
3/22/99 11:00	1019.63	30.11	0.729	99.30	210.74	523.43	523.26		
3/22/99 11:15	1019.75	30.11	0.732	99.56	211.21	524.48			
3/22/99 11:30	1019.50	30.11	0.738	99.82	211.68	526.05			
3/22/99 11:45	1019.50	30.11	0.734	100.09	212.15	525.81			
3/22/99 12:00	1019.63	30.11	0.731	100.35	212.62	524.59	525.09		
3/22/99 12:15	1019.38	30.10	0.730	101.13	214.04	524.99			
3/22/99 12:30	1019.50	30.11	0.727	101.39	214.51	524.03			
3/22/99 12:45	1019.50	30.11	0.728	101.65	214.98	524.43			
3/22/99 13:00	1019.25	30.10	0.726	102.18	215.92	524.39	524.91		

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/22/99 13:15	1019.25	30.10	0.727	102.44	216.39	524.62			
3/22/99 13:30	1019.13	30.09	0.733	102.18	215.92	526.91			
3/22/99 13:45	1018.88	30.09	0.736	102.44	216.39	528.27			
3/22/99 14:00	1018.88	30.09	0.737	102.44	216.39	528.52	529.10		
3/22/99 14:15	1018.75	30.08	0.737	102.44	216.39	528.55			
3/22/99 14:30	1018.75	30.08	0.751	101.91	215.45	533.28			
3/22/99 14:45	1018.75	30.08	0.767	101.39	214.51	538.45			
3/22/99 15:00	1018.75	30.08	0.727	103.48	218.27	525.68	529.83		
3/22/99 15:15	1018.75	30.08	0.726	103.74	218.74	525.61			
3/22/99 15:30	1018.63	30.08	0.728	103.74	218.74	526.11			
3/22/99 15:45	1018.63	30.08	0.724	103.74	218.74	524.99			
3/22/99 16:00	1018.75	30.08	0.725	103.74	218.74	525.18	525.99		
3/22/99 16:15	1018.88	30.09	0.729	103.74	218.74	526.73			
3/22/99 16:30	1019.00	30.09	0.731	103.48	218.27	526.95			
3/22/99 16:45	1019.13	30.09	0.736	103.22	217.80	528.75			
3/22/99 17:00	1019.00	30.09	0.735	102.96	217.33	528.17	527.25		
3/22/99 17:15	1019.13	30.09	0.731	102.96	217.33	526.77			
3/22/99 17:30	1019.13	30.09	0.728	103.22	217.80	525.82			
3/22/99 17:45	1019.13	30.09	0.726	103.22	217.80	525.15			
3/22/99 18:00	1019.13	30.09	0.724	102.96	217.33	524.32	524.64		
3/22/99 18:15	1019.25	30.10	0.726	102.96	217.33	524.93			
3/22/99 18:30	1019.25	30.10	0.722	102.70	216.86	523.20			
3/22/99 18:45	1019.25	30.10	0.729	102.44	216.39	525.72			
3/22/99 19:00	1019.38	30.10	0.733	101.91	215.45	526.44	525.58		
3/22/99 19:15	1019.50	30.11	0.734	101.65	214.98	526.91			
3/22/99 19:30	1019.50	30.11	0.732	101.13	214.04	525.64			
3/22/99 19:45	1019.50	30.11	0.733	100.87	213.56	525.68			
3/22/99 20:00	1019.75	30.11	0.724	100.87	213.56	522.70	523.81		
3/22/99 20:15	1019.75	30.11	0.724	100.61	213.09	522.26			
3/22/99 20:30	1019.75	30.11	0.726	100.35	212.62	522.76			
3/22/99 20:45	1019.75	30.11	0.721	99.82	211.68	520.81			
3/22/99 21:00	1019.63	30.11	0.722	99.56	211.21	520.91	521.73		
3/22/99 21:15	1019.63	30.11	0.726	99.30	210.74	522.07			
3/22/99 21:30	1019.63	30.11	0.726	99.04	210.27	522.10			
3/22/99 21:45	1019.75	30.11	0.729	98.78	209.80	523.03			
3/22/99 22:00	1019.88	30.12	0.731	98.52	209.33	523.46	522.61		
3/22/99 22:15	1020.13	30.12	0.728	98.52	209.33	522.29			
3/22/99 22:30	1020.38	30.13	0.728	98.78	209.80	522.19			
3/22/99 22:45	1020.63	30.14	0.722	98.78	209.80	520.11			
3/22/99 23:00	1020.75	30.14	0.726	98.78	209.80	521.63	520.90		
3/22/99 23:15	1020.75	30.14	0.724	98.78	209.80	520.98			
3/22/99 23:30	1020.88	30.15	0.721	98.78	209.80	519.58			
3/22/99 23:45	1021.00	30.15	0.724	98.78	209.80	520.92			
3/23/99 0:00	1021.13	30.15	0.725	98.52	209.33	520.92	521.33		
3/23/99 0:15	1021.13	30.15	0.730	98.52	209.33	522.71			
3/23/99 0:30	1021.13	30.15	0.730	98.28	208.86	522.53			
3/23/99 0:45	1021.13	30.15	0.732	98.52	209.33	523.39			
3/23/99 1:00	1021.00	30.15	0.729	98.52	209.33	522.28	522.00		
3/23/99 1:15	1021.00	30.15	0.725	98.78	209.80	521.13			
3/23/99 1:30	1020.88	30.15	0.724	98.78	209.80	520.70			
3/23/99 1:45	1020.88	30.15	0.723	98.78	209.80	520.26			
3/23/99 2:00	1021.00	30.15	0.724	99.04	210.27	520.85	521.04		
3/23/99 2:15	1021.00	30.15	0.725	99.04	210.27	521.31			
3/23/99 2:30	1020.88	30.15	0.728	98.52	209.33	522.09			
3/23/99 2:45	1020.75	30.14	0.731	98.52	209.33	523.02			
3/23/99 3:00	1020.63	30.14	0.729	98.26	208.86	522.44	522.63		
3/23/99 3:15	1020.50	30.14	0.733	98.26	208.86	523.80			
3/23/99 3:30	1020.63	30.14	0.728	98.00	208.39	521.79			
3/23/99 3:45	1020.63	30.14	0.726	98.26	208.86	521.29			
3/23/99 4:00	1020.75	30.14	0.723	98.26	208.86	519.93	520.58		
3/23/99 4:15	1020.75	30.14	0.723	98.26	208.86	520.15			
3/23/99 4:30	1020.75	30.14	0.722	98.26	208.86	519.71			
3/23/99 4:45	1020.63	30.14	0.722	98.26	208.86	519.75			
3/23/99 5:00	1020.38	30.13	0.721	98.52	209.33	519.74	520.36		
3/23/99 5:15	1020.50	30.14	0.727	97.73	207.92	521.21			
3/23/99 5:30	1020.63	30.14	0.728	97.73	207.92	521.39			
3/23/99 5:45	1021.00	30.15	0.729	97.47	207.45	521.79			
3/23/99 6:00	1021.38	30.16	0.731	99.30	210.74	523.63	523.06		
3/23/99 6:15	1021.25	30.16	0.731	100.35	212.62	524.39			
3/23/99 6:30	1021.38	30.16	0.729	100.87	213.56	524.08			
3/23/99 6:45	1021.50	30.16	0.726	100.35	212.62	522.32			
3/23/99 7:00	1021.38	30.16	0.724	99.04	210.27	521.00	521.88		
3/23/99 7:15	1021.38	30.16	0.724	99.56	211.21	521.37			
3/23/99 7:30	1021.50	30.16	0.722	99.82	211.68	520.62			
3/23/99 7:45	1021.38	30.16	0.723	99.30	210.74	520.72			
3/23/99 8:00	1021.50	30.16	0.730	99.04	210.27	522.98	522.60		
3/23/99 8:15	1021.50	30.16	0.733	99.82	211.68	524.64			
3/23/99 8:30	1021.38	30.16	0.732	99.56	211.21	524.06			
3/23/99 8:45	1021.25	30.16	0.770	98.52	209.33	536.81			
3/23/99 9:00	1021.38	30.16	0.729	99.04	210.27	522.55	525.45		
3/23/99 9:15	1021.38	30.16	0.725	100.87	213.56	522.50			
3/23/99 9:30	1021.13	30.15	0.721	101.39	214.51	521.34			
3/23/99 9:45	1020.75	30.14	0.721	101.65	214.98	521.83			
3/23/99 10:00	1020.75	30.14	0.719	102.18	215.92	521.54	521.84		
3/23/99 10:15	1020.75	30.14	0.721	102.44	216.39	522.38			
3/23/99 10:30	1020.63	30.14	0.719	102.96	217.33	522.12			
3/23/99 10:45	1020.75	30.14	0.726	102.44	216.39	524.18			
3/23/99 11:00	1020.50	30.14	0.731	102.70	216.86	526.02	524.73		
3/23/99 11:15	1020.50	30.14	0.728	102.70	218.86	524.90			
3/23/99 11:30	1020.50	30.14	0.731	102.96	217.33	526.42			
3/23/99 11:45	1020.38	30.13	0.729	103.22	217.80	525.73			
3/23/99 12:00	1020.38	30.13	0.726	103.74	218.74	525.19	525.59		
3/23/99 12:15	1020.25	30.13	0.726	104.00	219.21	525.41			
3/23/99 12:30	1020.25	30.13	0.726	104.00	219.21	525.19			
3/23/99 12:45	1020.00	30.12	0.727	104.27	219.68	525.91			
3/23/99 13:00	1019.88	30.12	0.722	104.27	219.68	524.13	525.59		
3/23/99 13:15	1019.63	30.11	0.726	104.27	219.68	525.53			
3/23/99 13:30	1019.50	30.11	0.731	104.00	219.21	527.19			
3/23/99 13:45	1019.25	30.10	0.732	104.27	219.68	527.90			
3/23/99 14:00	1019.00	30.09	0.734	104.00	219.21	528.44	528.22		
3/23/99 14:15	1018.88	30.09	0.735	104.27	219.68	529.12			
3/23/99 14:30	1018.63	30.08	0.732	104.79	220.62	528.43			
3/23/99 14:45	1018.38	30.07	0.729	104.79	220.62	527.34			
3/23/99 15:00	1018.13	30.07	0.725	105.31	221.56	526.43	527.03		
3/23/99 15:15	1018.00	30.06	0.725	105.31	221.56	526.46			
3/23/99 15:30	1017.88	30.06	0.725	105.31	221.56	526.49			
3/23/99 15:45	1017.75	30.05	0.723	105.31	221.56	525.62			
3/23/99 16:00	1017.75	30.05	0.722	105.31	221.56	525.40	526.37		
3/23/99 16:15	1017.63	30.05	0.726	105.05	221.09	526.81			
3/23/99 16:30	1017.63	30.05	0.729	104.79	220.62	527.53			
3/23/99 16:45	1017.63	30.05	0.732	104.79	220.62	528.69			
3/23/99 17:00	1017.63	30.05	0.734	104.79	220.62	529.34	527.89		
3/23/99 17:15	1017.50	30.05	0.731	104.53	220.15	528.07			
3/23/99 17:30	1017.63	30.05	0.724	104.53	220.15	525.79			
3/23/99 17:45	1017.63	30.05	0.723	104.53	220.15	525.32			
3/23/99 18:00	1017.63	30.05	0.724	104.53	220.15	525.79	525.16		
3/23/99 18:15	1017.63	30.05	0.723	104.27	219.68	525.14			
3/23/99 18:30	1017.75	30.05	0.719	104.27	219.66	523.76			
3/23/99 18:45	1017.63	30.05	0.722	104.00	219.21	524.52			

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/23/99 19:00	1017.75	30.05	0.726	104.00	219.21	526.05	525.34		
3/23/99 19:15	1017.75	30.05	0.727	103.48	218.27	525.94			
3/23/99 19:30	1017.75	30.05	0.729	103.22	217.80	526.41			
3/23/99 19:45	1017.88	30.06	0.727	102.70	216.86	525.36			
3/23/99 20:00	1017.88	30.06	0.726	102.44	218.39	525.39	525.29		
3/23/99 20:15	1018.00	30.06	0.726	102.44	218.39	525.56			
3/23/99 20:30	1018.00	30.06	0.723	102.70	216.86	523.74			
3/23/99 20:45	1018.00	30.06	0.723	103.48	218.27	524.28			
3/23/99 21:00	1018.00	30.06	0.723	102.70	216.86	523.74	523.41		
3/23/99 21:15	1018.00	30.06	0.720	102.70	216.86	522.83			
3/23/99 21:30	1017.75	30.05	0.719	102.44	216.39	522.49			
3/23/99 21:45	1017.75	30.05	0.719	102.18	215.92	522.31			
3/23/99 22:00	1017.63	30.05	0.721	101.91	215.45	522.60	523.28		
3/23/99 22:15	1017.50	30.05	0.726	101.39	214.51	524.29			
3/23/99 22:30	1017.63	30.05	0.728	101.39	214.51	524.73			
3/23/99 22:45	1017.50	30.05	0.723	101.13	214.04	522.99			
3/23/99 23:00	1017.50	30.05	0.724	101.13	214.04	523.46	522.86		
3/23/99 23:15	1017.50	30.05	0.720	100.87	213.56	521.68			
3/23/99 23:30	1017.38	30.04	0.719	101.13	214.04	521.46			
3/23/99 23:45	1017.25	30.04	0.716	101.13	214.04	520.33			
3/24/99 0:00	1017.13	30.04	0.715	101.13	214.04	520.15	520.50		
3/24/99 0:15	1017.13	30.04	0.716	100.87	213.56	520.18			
3/24/99 0:30	1017.13	30.04	0.716	101.13	214.04	520.36			
3/24/99 0:45	1017.13	30.04	0.718	101.39	214.51	521.24			
3/24/99 1:00	1017.13	30.04	0.723	101.39	214.51	523.27	522.45		
3/24/99 1:15	1017.13	30.04	0.723	101.65	214.98	523.23			
3/24/99 1:30	1017.00	30.03	0.725	101.65	214.98	524.17			
3/24/99 1:45	1017.00	30.03	0.726	101.65	214.98	524.39			
3/24/99 2:00	1016.88	30.03	0.723	102.18	215.92	523.66	523.31		
3/24/99 2:15	1016.63	30.02	0.719	102.18	215.92	522.38			
3/24/99 2:30	1016.50	30.02	0.718	102.18	215.92	521.94			
3/24/99 2:45	1016.25	30.01	0.717	101.91	215.45	521.61			
3/24/99 3:00	1016.25	30.01	0.715	101.65	214.98	520.73	521.08		
3/24/99 3:15	1016.13	30.01	0.716	101.39	214.51	520.80			
3/24/99 3:30	1016.00	30.00	0.714	101.65	214.98	520.32			
3/24/99 3:45	1015.88	30.00	0.714	101.91	215.45	520.79			
3/24/99 4:00	1015.75	30.00	0.720	101.39	214.51	522.50	521.80		
3/24/99 4:15	1015.88	30.00	0.720	101.13	214.04	522.28			
3/24/99 4:30	1016.00	30.00	0.722	101.39	214.51	523.12			
3/24/99 4:45	1016.00	30.00	0.719	100.87	213.56	521.85			
3/24/99 5:00	1016.25	30.01	0.716	100.87	213.56	520.66	521.07		
3/24/99 5:15	1016.25	30.01	0.714	100.87	213.56	519.72			
3/24/99 5:30	1016.13	30.01	0.714	100.87	213.56	520.00			
3/24/99 5:45	1016.25	30.01	0.711	100.87	213.56	518.80			
3/24/99 6:00	1016.38	30.01	0.714	100.87	213.56	519.68	519.61		
3/24/99 6:15	1016.38	30.01	0.712	101.13	214.04	519.21			
3/24/99 6:30	1016.50	30.02	0.716	100.87	213.56	520.34			
3/24/99 6:45	1016.50	30.02	0.718	100.35	212.62	520.89			
3/24/99 7:00	1016.63	30.02	0.719	100.35	212.62	521.33	521.16		
3/24/99 7:15	1016.75	30.02	0.723	100.09	212.15	522.23			
3/24/99 7:30	1016.75	30.02	0.718	100.61	213.09	521.00			
3/24/99 7:45	1016.75	30.02	0.716	100.87	213.56	521.19			
3/24/99 8:00	1016.75	30.02	0.717	101.13	214.04	520.93	523.49		
3/24/99 8:15	1016.75	30.02	0.759	99.56	211.21	534.78			
3/24/99 8:30	1016.75	30.02	0.713	101.13	214.04	519.55			
3/24/99 8:45	1016.75	30.02	0.709	102.18	215.92	518.92			
3/24/99 9:00	1016.75	30.02	0.711	102.70	216.86	519.72	519.69		
3/24/99 9:15	1016.75	30.02	0.711	102.70	216.86	519.94			
3/24/99 9:30	1016.75	30.02	0.714	102.96	217.33	521.29			
3/24/99 9:45	1016.63	30.02	0.719	102.96	217.33	522.93			
3/24/99 10:00	1016.75	30.02	0.721	103.22	217.80	523.95	523.46		
3/24/99 10:15	1016.75	30.02	0.722	103.74	218.74	524.57			
3/24/99 10:30	1016.50	30.02	0.721	104.00	219.21	524.56			
3/24/99 10:45	1016.50	30.02	0.720	104.79	220.62	524.67			
3/24/99 11:00	1016.50	30.02	0.719	105.57	222.03	524.77	525.02		
3/24/99 11:15	1016.38	30.01	0.719	106.36	223.44	525.35			
3/24/99 11:30	1016.13	30.01	0.719	106.88	224.38	525.77			
3/24/99 11:45	1016.13	30.01	0.719	107.40	225.32	526.13			
3/24/99 12:00	1016.13	30.01	0.248	93.55	200.40	302.27	348.36		
3/24/99 12:15	1016.25	30.01	0.265	75.00	167.00	305.55			
3/24/99 12:30	1016.25	30.01	0.020	59.58	139.25	82.06			
3/24/99 12:45	1016.13	30.01	0.253	46.00	114.80	285.58			
3/24/99 13:00	1015.88	30.00	0.000	41.82	107.27	0.00	73.53		
3/24/99 13:15	1015.88	30.00	0.000	37.64	99.75	0.00			
3/24/99 13:30	1015.75	30.00	0.000	34.78	94.57	0.00			
3/24/99 13:45	1015.75	30.00	0.000	32.15	89.87	0.00			
3/24/99 14:00	1015.75	30.00	0.000	30.06	86.11	0.00	0.00		
3/24/99 14:15	1015.75	30.00	0.000	28.75	83.75	0.00			
3/24/99 14:30	1015.75	30.00	0.000	27.45	81.40	0.00			
3/24/99 14:45	1015.75	30.00	0.000	25.88	78.58	0.00			
3/24/99 15:00	1015.88	30.00	0.434	48.35	119.03	375.70	255.76		
3/24/99 15:15	1016.00	30.00	0.573	79.97	175.94	452.34			
3/24/99 15:30	1016.13	30.01	0.572	77.86	172.18	450.74			
3/24/99 15:45	1016.00	30.00	0.746	91.46	196.63	524.55			
3/24/99 16:00	1016.00	30.00	0.750	93.81	200.87	527.79	512.15		
3/24/99 16:15	1016.13	30.01	0.753	94.34	201.81	529.01			
3/24/99 16:30	1016.50	30.02	0.751	94.60	202.28	528.64			
3/24/99 16:45	1016.50	30.02	0.749	94.60	202.28	528.01			
3/24/99 17:00	1016.75	30.02	0.746	94.34	201.81	526.42	526.51		
3/24/99 17:15	1017.13	30.04	0.742	94.60	202.28	525.20			
3/24/99 17:30	1017.38	30.04	0.740	94.34	201.81	524.27			
3/24/99 17:45	1017.63	30.05	0.740	94.60	202.28	524.40			
3/24/99 18:00	1018.00	30.06	0.739	94.34	201.81	523.90	523.64		
3/24/99 18:15	1018.25	30.07	0.738	94.34	201.81	523.38			
3/24/99 18:30	1018.38	30.07	0.736	94.08	201.34	522.27			
3/24/99 18:45	1018.63	30.08	0.734	93.81	200.87	521.60			
3/24/99 19:00	1018.88	30.09	0.733	93.55	200.40	520.67	521.74		
3/24/99 19:15	1019.00	30.09	0.736	92.77	198.98	521.18			
3/24/99 19:30	1019.13	30.09	0.742	92.25	198.04	523.00			
3/24/99 19:45	1019.25	30.10	0.743	91.99	197.57	523.00			
3/24/99 20:00	1019.38	30.10	0.741	91.72	197.10	522.32	522.27		
3/24/99 20:15	1019.63	30.11	0.743	91.46	196.63	522.53			
3/24/99 20:30	1019.75	30.11	0.737	91.46	196.63	520.52			
3/24/99 20:45	1020.00	30.12	0.735	91.46	196.63	519.78			
3/24/99 21:00	1020.00	30.12	0.734	91.46	196.63	519.32	519.69		
3/24/99 21:15	1020.13	30.12	0.735	91.20	196.16	519.57			
3/24/99 21:30	1020.25	30.13	0.734	91.46	196.63	519.26			
3/24/99 21:45	1020.38	30.13	0.734	91.20	196.16	519.04			
3/24/99 22:00	1020.50	30.14	0.733	90.94	195.69	518.40	518.97		
3/24/99 22:15	1020.63	30.14	0.734	90.68	195.22	518.81			
3/24/99 22:30	1020.75	30.14	0.738	90.16	194.28	519.54			
3/24/99 22:45	1020.75	30.14	0.738	90.16	194.28	519.75			
3/24/99 23:00	1020.88	30.15	0.740	89.63	193.34	520.02	519.53		
3/24/99 23:15	1020.88	30.15	0.740	89.37	192.87	519.83			
3/24/99 23:30	1020.88	30.15	0.736	89.37	192.87	518.49			
3/24/99 23:45	1021.00	30.15	0.733	89.63	193.34	517.34			
3/25/99 0:00	1021.00	30.15	0.733	89.90	193.81	517.74	518.31		
3/25/99 0:15	1021.13	30.15	0.734	89.90	193.81	517.92			
3/25/99 0:30	1021.25	30.16	0.736	91.99	197.57	520.05			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/25/99 0:45	1021.25	30.16	0.738	93.55	200.40	521.84			
3/25/99 1:00	1021.25	30.16	0.733	91.99	197.57	519.17	520.66		
3/25/99 1:15	1021.38	30.16	0.734	91.72	197.10	519.16			
3/25/99 1:30	1021.38	30.16	0.743	93.03	199.45	523.20			
3/25/99 1:45	1021.38	30.16	0.745	93.03	199.45	524.06			
3/25/99 2:00	1021.38	30.16	0.743	92.77	198.98	523.22	523.51		
3/25/99 2:15	1021.38	30.16	0.746	92.51	198.51	524.13			
3/25/99 2:30	1021.25	30.16	0.744	91.99	197.57	522.91			
3/25/99 2:45	1021.25	30.16	0.740	93.03	199.45	522.35			
3/25/99 3:00	1021.13	30.15	0.739	93.29	199.93	522.11	521.32		
3/25/99 3:15	1021.00	30.15	0.734	91.46	196.63	519.32			
3/25/99 3:30	1021.13	30.15	0.738	91.46	196.63	519.92			
3/25/99 3:45	1021.13	30.15	0.733	93.03	199.45	519.73			
3/25/99 4:00	1021.13	30.15	0.737	91.99	197.57	520.54	520.37		
3/25/99 4:15	1021.25	30.16	0.734	93.29	199.93	520.55			
3/25/99 4:30	1021.50	30.16	0.738	93.29	199.93	521.13			
3/25/99 4:45	1021.63	30.17	0.744	91.72	197.10	522.62			
3/25/99 5:00	1021.88	30.18	0.744	92.51	198.51	523.12	522.59		
3/25/99 5:15	1022.00	30.18	0.744	92.51	198.51	523.33			
3/25/99 5:30	1022.13	30.18	0.745	91.46	196.63	522.76			
3/25/99 5:45	1022.25	30.19	0.743	92.51	198.51	522.81			
3/25/99 6:00	1022.38	30.19	0.740	92.51	198.51	521.69	522.18		
3/25/99 6:15	1022.50	30.19	0.738	92.77	198.98	521.17			
3/25/99 6:30	1022.63	30.20	0.742	92.77	198.98	522.48			
3/25/99 6:45	1022.63	30.20	0.739	93.03	199.45	521.54			
3/25/99 7:00	1022.75	30.20	0.738	93.55	200.40	521.45	521.67		
3/25/99 7:15	1022.88	30.21	0.740	93.29	199.93	522.12			
3/25/99 7:30	1023.00	30.21	0.736	93.29	199.93	520.75			
3/25/99 7:45	1022.88	30.21	0.738	93.29	199.93	521.24			
3/25/99 8:00	1022.88	30.21	0.771	91.20	196.16	531.49	525.62		
3/25/99 8:15	1022.88	30.21	0.773	90.42	194.75	531.57			
3/25/99 8:30	1023.13	30.21	0.744	92.51	198.51	523.05			
3/25/99 8:45	1023.13	30.21	0.742	92.77	198.98	522.35			
3/25/99 9:00	1023.38	30.22	0.741	92.51	198.51	521.86	521.80		
3/25/99 9:15	1023.50	30.22	0.741	92.77	198.98	521.80			
3/25/99 9:30	1023.50	30.22	0.737	91.99	197.57	519.94			
3/25/99 9:45	1023.75	30.23	0.734	91.20	196.16	518.43			
3/25/99 10:00	1023.88	30.23	0.733	90.94	195.69	517.55	518.38		
3/25/99 10:15	1024.00	30.24	0.734	90.68	195.22	517.75			
3/25/99 10:30	1024.00	30.24	0.732	92.25	198.04	518.23			
3/25/99 10:45	1024.00	30.24	0.734	93.03	199.45	519.42			
3/25/99 11:00	1024.00	30.24	0.736	93.29	199.93	520.49	520.45		
3/25/99 11:15	1024.00	30.24	0.740	93.29	199.93	521.83			
3/25/99 11:30	1023.88	30.23	0.741	93.29	199.93	522.29			
3/25/99 11:45	1023.75	30.23	0.745	92.77	198.98	523.28			
3/25/99 12:00	1023.75	30.23	0.743	90.94	195.69	521.10	522.48		
3/25/99 12:15	1023.63	30.23	0.743	92.51	198.51	522.46			
3/25/99 12:30	1023.63	30.23	0.744	93.03	199.45	523.29			
3/25/99 12:45	1023.50	30.22	0.736	93.29	199.93	520.82			
3/25/99 13:00	1023.50	30.22	0.735	91.99	197.57	519.27	520.08		
3/25/99 13:15	1023.50	30.22	0.734	91.20	196.16	518.25			
3/25/99 13:30	1023.13	30.21	0.735	91.46	196.63	518.99			
3/25/99 13:45	1022.88	30.21	0.733	93.55	200.40	519.87			
3/25/99 14:00	1022.75	30.20	0.736	94.08	201.34	521.37	520.64		
3/25/99 14:15	1022.63	30.20	0.735	94.60	202.28	521.34			
3/25/99 14:30	1022.38	30.19	0.736	94.34	201.81	521.65			
3/25/99 14:45	1022.25	30.19	0.742	94.34	201.81	523.89			
3/25/99 15:00	1022.13	30.18	0.745	94.60	202.28	525.01	527.02		
3/25/99 15:15	1022.25	30.19	0.756	94.08	201.34	528.53			
3/25/99 15:30	1022.25	30.19	0.781	93.03	199.45	536.22			
3/25/99 15:45	1022.13	30.18	0.744	94.08	201.34	524.42			
3/25/99 16:00	1022.13	30.18	0.742	94.08	201.34	523.54	525.44		
3/25/99 16:15	1022.13	30.18	0.738	94.34	201.81	522.17			
3/25/99 16:30	1022.13	30.18	0.734	94.34	201.81	520.82			
3/25/99 16:45	1022.25	30.19	0.731	94.08	201.34	519.72			
3/25/99 17:00	1022.38	30.19	0.734	93.81	200.87	520.39	520.15		
3/25/99 17:15	1022.50	30.19	0.735	94.08	201.34	521.00			
3/25/99 17:30	1022.63	30.20	0.729	93.81	200.87	518.80			
3/25/99 17:45	1022.75	30.20	0.733	93.29	199.93	519.71			
3/25/99 18:00	1022.88	30.21	0.734	93.03	199.45	519.71	520.22		
3/25/99 18:15	1022.88	30.21	0.741	92.51	198.51	521.77			
3/25/99 18:30	1023.00	30.21	0.739	92.25	198.04	521.13			
3/25/99 18:45	1023.00	30.21	0.738	91.72	197.10	520.30			
3/25/99 19:00	1023.25	30.22	0.743	91.72	197.10	521.79	520.51		
3/25/99 19:15	1023.38	30.22	0.738	91.46	196.63	520.02			
3/25/99 19:30	1023.50	30.22	0.736	91.72	197.10	519.29			
3/25/99 19:45	1023.63	30.23	0.734	91.72	197.10	518.64			
3/25/99 20:00	1023.88	30.23	0.735	92.25	198.04	519.36	519.99		
3/25/99 20:15	1024.00	30.24	0.739	94.08	201.34	522.18			
3/25/99 20:30	1024.00	30.24	0.736	93.29	199.93	520.28			
3/25/99 20:45	1024.13	30.24	0.735	93.81	200.87	520.41			
3/25/99 21:00	1024.25	30.25	0.736	93.55	200.40	520.61	520.68		
3/25/99 21:15	1024.25	30.25	0.735	93.81	200.87	520.37			
3/25/99 21:30	1024.36	30.25	0.739	93.55	200.40	521.71			
3/25/99 21:45	1024.38	30.25	0.741	92.25	198.04	521.42			
3/25/99 22:00	1024.36	30.25	0.744	91.46	196.63	521.73	521.10		
3/25/99 22:15	1024.50	30.25	0.742	91.20	196.16	520.88			
3/25/99 22:30	1024.50	30.25	0.739	91.20	196.16	519.76			
3/25/99 22:45	1024.63	30.26	0.746	93.03	199.45	523.48			
3/25/99 23:00	1024.63	30.26	0.736	91.99	197.57	519.40	520.05		
3/25/99 23:15	1024.50	30.25	0.738	91.72	197.10	519.04			
3/25/99 23:30	1024.63	30.26	0.735	91.46	196.63	518.61			
3/25/99 23:45	1024.63	30.26	0.732	91.46	196.63	517.52			
3/26/99 0:00	1024.63	30.26	0.731	91.46	196.63	517.27	518.49		
3/26/99 0:15	1024.63	30.26	0.733	91.46	196.63	517.94			
3/26/99 0:30	1024.63	30.26	0.737	94.08	201.34	521.14			
3/26/99 0:45	1024.50	30.25	0.738	93.29	199.93	521.04			
3/26/99 1:00	1024.38	30.25	0.741	93.55	200.40	522.13	521.75		
3/26/99 1:15	1024.25	30.25	0.743	92.25	198.04	521.90			
3/26/99 1:30	1024.38	30.25	0.744	92.25	198.04	522.54			
3/26/99 1:45	1024.38	30.25	0.744	93.55	200.40	523.47			
3/26/99 2:00	1024.25	30.25	0.744	92.77	198.98	522.70	521.59		
3/26/99 2:15	1024.25	30.25	0.738	92.77	198.98	520.73			
3/26/99 2:30	1024.25	30.25	0.735	91.20	196.16	518.52			
3/26/99 2:45	1024.25	30.25	0.732	90.68	195.22	517.05			
3/26/99 3:00	1024.25	30.25	0.733	90.16	194.28	516.89	522.20		
3/26/99 3:15	1024.38	30.25	0.754	92.51	198.51	525.98			
3/26/99 3:30	1024.25	30.25	0.773	92.51	198.51	532.53			
3/26/99 3:45	1024.38	30.25	0.770	91.72	197.10	531.07			
3/26/99 4:00	1024.63	30.26	0.769	94.34	201.81	532.69	532.19		
3/26/99 4:15	1024.75	30.26	0.773	93.03	199.45	532.99			
3/26/99 4:30	1024.75	30.26	0.774	90.94	195.69	531.67			
3/26/99 4:45	1024.75	30.26	0.773	89.90	193.81	530.50			
3/26/99 5:00	1024.88	30.26	0.778	92.25	198.04	533.90	531.57		
3/26/99 5:15	1024.88	30.26	0.774	91.46	196.63	532.26			
3/26/99 5:30	1025.00	30.27	0.769	90.42	194.75	529.51			
3/26/99 5:45	1025.13	30.27	0.768	92.25	198.04	530.60			
3/26/99 6:00	1025.25	30.28	0.769	94.60	202.28	532.48	531.19		
3/26/99 6:15	1025.38	30.28	0.769	93.03	199.45	531.31			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/26/99 6:30	1025.50	30.28	0.769	94.08	201.34	532.03			
3/26/99 6:45	1025.75	30.29	0.770	93.55	200.40	532.04			
3/26/99 7:00	1025.88	30.29	0.771	93.55	200.40	532.22	532.13		
3/26/99 7:15	1026.00	30.30	0.769	94.08	201.34	531.91			
3/26/99 7:30	1026.13	30.30	0.773	92.77	198.98	532.44			
3/26/99 7:45	1026.25	30.31	0.777	92.25	198.04	533.34			
3/26/99 8:00	1026.38	30.31	0.776	90.94	195.69	531.91	533.13		
3/26/99 8:15	1026.38	30.31	0.780	93.55	200.40	535.32			
3/26/99 8:30	1026.50	30.31	0.776	91.72	197.10	532.65			
3/26/99 8:45	1026.63	30.32	0.776	92.51	198.51	533.19			
3/26/99 9:00	1026.63	30.32	0.770	91.99	197.57	530.68	531.03		
3/26/99 9:15	1026.75	30.32	0.766	91.46	196.63	529.40			
3/26/99 9:30	1026.75	30.32	0.768	91.20	196.16	529.21			
3/26/99 9:45	1026.88	30.32	0.768	90.68	195.22	529.01			
3/26/99 10:00	1027.00	30.33	0.765	91.20	196.16	528.29	529.04		
3/26/99 10:15	1027.00	30.33	0.767	91.46	196.63	529.13			
3/26/99 10:30	1026.88	30.32	0.768	91.72	197.10	529.56			
3/26/99 10:45	1027.00	30.33	0.766	91.99	197.57	529.06			
3/26/99 11:00	1026.88	30.32	0.773	91.99	197.57	531.47	531.12		
3/26/99 11:15	1026.75	30.32	0.773	91.99	197.57	531.71			
3/26/99 11:30	1026.75	30.32	0.778	92.51	198.51	533.81			
3/26/99 11:45	1026.63	30.32	0.776	91.99	197.57	532.81			
3/26/99 12:00	1026.50	30.31	0.776	91.72	197.10	532.44	532.91		
3/26/99 12:15	1026.38	30.31	0.776	92.25	198.04	532.86			
3/26/99 12:30	1026.13	30.30	0.773	93.03	199.45	532.83			
3/26/99 12:45	1025.88	30.29	0.770	93.29	199.93	531.82			
3/26/99 13:00	1025.75	30.29	0.771	93.81	200.87	532.84	532.31		
3/26/99 13:15	1025.50	30.28	0.769	93.81	200.87	532.09			
3/26/99 13:30	1025.25	30.28	0.769	94.08	201.34	532.34			
3/26/99 13:45	1025.00	30.27	0.768	94.34	201.81	531.94			
3/26/99 14:00	1024.75	30.26	0.768	94.60	202.28	532.19	532.58		
3/26/99 14:15	1024.50	30.25	0.770	94.86	202.75	533.31			
3/26/99 14:30	1024.25	30.25	0.769	95.12	203.22	533.12			
3/26/99 14:45	1024.13	30.24	0.777	94.86	202.75	535.79			
3/26/99 15:00	1024.00	30.24	0.778	95.12	203.22	536.22	535.47		
3/26/99 15:15	1023.75	30.23	0.778	94.60	202.28	536.12			
3/26/99 15:30	1023.75	30.23	0.777	95.12	203.22	536.08			
3/26/99 15:45	1023.63	30.23	0.776	95.38	203.69	536.06			
3/26/99 16:00	1023.50	30.22	0.773	95.38	203.69	535.03	535.35		
3/26/99 16:15	1023.25	30.22	0.771	96.17	205.10	535.00			
3/26/99 16:30	1023.25	30.22	0.769	96.43	205.57	534.56			
3/26/99 16:45	1023.13	30.21	0.770	95.64	204.16	534.24			
3/26/99 17:00	1023.00	30.21	0.769	95.64	204.16	533.82	533.97		
3/26/99 17:15	1023.00	30.21	0.769	95.64	204.16	533.82			
3/26/99 17:30	1023.13	30.21	0.768	95.38	203.69	533.39			
3/26/99 17:45	1023.13	30.21	0.769	95.38	203.69	533.60			
3/26/99 18:00	1023.13	30.21	0.767	95.38	203.69	532.97	533.92		
3/26/99 18:15	1023.25	30.22	0.771	94.86	202.75	534.05			
3/26/99 18:30	1023.25	30.22	0.776	94.60	202.28	535.59			
3/26/99 18:45	1023.25	30.22	0.776	94.08	201.34	535.00			
3/26/99 19:00	1023.38	30.22	0.775	93.81	200.87	534.57	534.32		
3/26/99 19:15	1023.38	30.22	0.774	93.55	200.40	533.94			
3/26/99 19:30	1023.38	30.22	0.771	93.03	199.45	532.49			
3/26/99 19:45	1023.50	30.22	0.769	93.03	199.45	532.04			
3/26/99 20:00	1023.50	30.22	0.766	92.77	198.98	530.53	530.79		
3/26/99 20:15	1023.63	30.23	0.765	92.77	198.98	530.29			
3/26/99 20:30	1023.75	30.23	0.762	91.99	197.57	528.62			
3/26/99 20:45	1023.88	30.23	0.765	91.72	197.10	529.47			
3/26/99 21:00	1024.00	30.24	0.763	91.46	196.63	528.59	528.30		
3/26/99 21:15	1024.00	30.24	0.759	91.20	196.16	527.12			
3/26/99 21:30	1024.13	30.24	0.761	91.20	196.16	527.71			
3/26/99 21:45	1024.38	30.25	0.764	94.08	201.34	530.84			
3/26/99 22:00	1024.25	30.25	0.774	94.88	202.75	534.90	531.77		
3/26/99 22:15	1024.25	30.25	0.771	93.29	199.93	532.66			
3/26/99 22:30	1024.38	30.25	0.774	92.25	198.04	532.72			
3/26/99 22:45	1024.38	30.25	0.773	92.77	198.98	532.69			
3/26/99 23:00	1024.38	30.25	0.773	94.08	201.34	533.85	533.01		
3/26/99 23:15	1024.50	30.25	0.773	94.08	201.34	533.62			
3/26/99 23:30	1024.50	30.25	0.769	93.29	199.93	531.97			
3/26/99 23:45	1024.63	30.26	0.764	92.77	198.98	529.83			
3/27/99 0:00	1024.63	30.26	0.764	92.25	198.04	529.21	529.41		
3/27/99 0:15	1024.75	30.26	0.761	91.99	197.57	528.12			
3/27/99 0:30	1024.75	30.26	0.761	91.72	197.10	527.93			
3/27/99 0:45	1024.75	30.26	0.763	91.46	196.63	528.40			
3/27/99 1:00	1024.75	30.26	0.760	91.46	196.63	527.32	529.11		
3/27/99 1:15	1024.63	30.26	0.762	92.25	198.04	528.58			
3/27/99 1:30	1024.63	30.26	0.771	94.60	202.28	533.30			
3/27/99 1:45	1024.63	30.26	0.771	91.72	197.10	531.21			
3/27/99 2:00	1024.63	30.26	0.770	90.42	194.75	530.05	532.51		
3/27/99 2:15	1024.63	30.26	0.773	92.25	198.04	532.45			
3/27/99 2:30	1024.50	30.25	0.778	94.34	201.81	535.52			
3/27/99 2:45	1024.38	30.25	0.772	93.55	200.40	533.05			
3/27/99 3:00	1024.25	30.25	0.770	93.29	199.93	532.24	532.62		
3/27/99 3:15	1024.13	30.24	0.766	93.81	200.87	531.34			
3/27/99 3:30	1024.00	30.24	0.765	93.81	200.87	530.95			
3/27/99 3:45	1024.00	30.24	0.766	93.29	199.93	530.78			
3/27/99 4:00	1024.00	30.24	0.764	93.81	200.87	530.74	530.74		
3/27/99 4:15	1024.00	30.24	0.763	93.03	199.45	529.73			
3/27/99 4:30	1024.13	30.24	0.765	94.60	202.28	531.49			
3/27/99 4:45	1024.13	30.24	0.763	93.55	200.40	530.07			
3/27/99 5:00	1024.25	30.25	0.764	94.60	202.28	531.25	531.51		
3/27/99 5:15	1024.38	30.25	0.769	93.55	200.40	532.19			
3/27/99 5:30	1024.63	30.26	0.771	93.29	199.93	532.56			
3/27/99 5:45	1024.75	30.26	0.774	93.29	199.93	533.63			
3/27/99 6:00	1024.75	30.26	0.769	91.46	196.63	530.33	531.94		
3/27/99 6:15	1025.13	30.27	0.770	91.20	196.16	530.49			
3/27/99 6:30	1025.38	30.28	0.770	94.34	201.81	532.71			
3/27/99 6:45	1025.50	30.28	0.769	94.34	201.81	532.22			
3/27/99 7:00	1025.75	30.29	0.763	91.72	197.10	528.12	530.35		
3/27/99 7:15	1026.00	30.30	0.761	90.94	195.69	527.04			
3/27/99 7:30	1026.13	30.30	0.768	94.34	201.81	531.65			
3/27/99 7:45	1026.00	30.30	0.767	94.60	202.28	531.66			
3/27/99 8:00	1026.13	30.30	0.765	94.34	201.81	530.76	530.72		
3/27/99 8:15	1026.13	30.30	0.764	93.81	200.87	529.95			
3/27/99 8:30	1026.13	30.30	0.763	93.55	200.40	529.55			
3/27/99 8:45	1026.00	30.30	0.768	93.29	199.93	530.92			
3/27/99 9:00	1026.00	30.30	0.769	92.51	198.51	530.77	531.11		
3/27/99 9:15	1026.00	30.30	0.771	92.51	198.51	531.63			
3/27/99 9:30	1026.13	30.30	0.774	92.77	198.98	532.65			
3/27/99 9:45	1026.13	30.30	0.773	93.03	199.45	532.43			
3/27/99 10:00	1026.00	30.30	0.773	93.29	199.93	532.65	532.43		
3/27/99 10:15	1026.00	30.30	0.770	94.08	201.34	532.35			
3/27/99 10:30	1026.00	30.30	0.766	94.60	202.28	532.08			
3/27/99 10:45	1026.00	30.30	0.767	95.12	203.22	532.04			
3/27/99 11:00	1025.66	30.29	0.768	95.36	203.69	532.47	532.42		
3/27/99 11:15	1025.88	30.29	0.767	95.64	204.18	532.45			
3/27/99 11:30	1025.75	30.29	0.768	96.17	205.10	533.06			
3/27/99 11:45	1025.63	30.29	0.769	96.43	205.57	533.95			
3/27/99 12:00	1025.50	30.28	0.767	96.69	206.04	533.30	534.01		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/27/99 12:15	1025.13	30.27	0.768	96.95	206.51	533.79			
3/27/99 12:30	1025.00	30.27	0.773	97.21	206.98	535.96			
3/27/99 12:45	1024.75	30.28	0.774	96.95	206.51	536.28			
3/27/99 13:00	1024.50	30.25	0.776	96.95	206.51	536.77	536.74		
3/27/99 13:15	1024.25	30.25	0.778	97.21	206.98	537.23			
3/27/99 13:30	1024.00	30.24	0.776	97.47	207.45	537.48			
3/27/99 13:45	1023.75	30.23	0.774	97.47	207.45	536.92			
3/27/99 14:00	1023.50	30.22	0.774	98.26	208.86	537.31	537.04		
3/27/99 14:15	1023.25	30.22	0.773	98.52	209.33	537.15			
3/27/99 14:30	1023.00	30.21	0.770	98.52	209.33	536.35			
3/27/99 14:45	1022.75	30.20	0.770	98.78	209.80	536.60			
3/27/99 15:00	1022.63	30.20	0.768	98.78	209.80	535.97	536.31		
3/27/99 15:15	1022.50	30.19	0.769	99.04	210.27	536.85			
3/27/99 15:30	1022.38	30.19	0.767	99.30	210.74	535.99			
3/27/99 15:45	1022.25	30.19	0.767	99.30	210.74	536.03			
3/27/99 16:00	1022.13	30.18	0.768	99.30	210.74	536.48	536.65		
3/27/99 16:15	1022.00	30.18	0.770	99.30	210.74	537.18			
3/27/99 16:30	1021.88	30.18	0.774	99.04	210.27	538.55			
3/27/99 16:45	1021.88	30.18	0.776	98.52	209.33	538.59			
3/27/99 17:00	1021.88	30.18	0.778	98.52	209.33	539.25	538.95		
3/27/99 17:15	1021.75	30.17	0.778	98.26	208.86	539.09			
3/27/99 17:30	1021.88	30.18	0.778	98.26	208.86	539.27			
3/27/99 17:45	1021.75	30.17	0.775	98.26	208.86	538.23			
3/27/99 18:00	1021.88	30.18	0.773	98.26	208.86	537.32	537.14		
3/27/99 18:15	1022.00	30.18	0.768	98.26	208.86	535.55			
3/27/99 18:30	1022.00	30.18	0.767	98.26	208.86	535.34			
3/27/99 18:45	1022.00	30.18	0.766	97.47	207.45	534.53			
3/27/99 19:00	1022.00	30.18	0.766	97.21	206.98	534.13	533.83		
3/27/99 19:15	1022.13	30.18	0.764	96.43	205.57	532.87			
3/27/99 19:30	1022.25	30.19	0.763	95.90	204.63	532.26			
3/27/99 19:45	1022.25	30.19	0.761	95.38	203.69	531.01			
3/27/99 20:00	1022.25	30.19	0.761	95.12	203.22	530.82	531.40		
3/27/99 20:15	1022.25	30.19	0.763	94.60	202.28	531.10			
3/27/99 20:30	1022.25	30.19	0.766	94.08	201.34	531.80			
3/27/99 20:45	1022.25	30.19	0.768	93.29	199.93	531.90			
3/27/99 21:00	1022.13	30.18	0.766	93.03	199.45	531.95	531.71		
3/27/99 21:15	1022.25	30.19	0.768	93.03	199.45	531.91			
3/27/99 21:30	1022.38	30.19	0.766	93.03	199.45	531.01			
3/27/99 21:45	1022.38	30.19	0.764	93.29	199.93	530.79			
3/27/99 22:00	1022.25	30.19	0.760	93.29	199.93	529.29	529.71		
3/27/99 22:15	1022.25	30.19	0.759	93.55	200.40	529.27			
3/27/99 22:30	1022.25	30.19	0.757	93.29	199.93	528.21			
3/27/99 22:45	1022.50	30.19	0.758	93.29	199.93	528.56			
3/27/99 23:00	1022.50	30.19	0.758	94.34	201.81	529.32	528.77		
3/27/99 23:15	1022.38	30.19	0.758	93.81	200.87	528.97			
3/27/99 23:30	1022.38	30.19	0.759	93.29	199.93	528.80			
3/27/99 23:45	1022.38	30.19	0.759	94.34	201.81	529.56			
3/28/99 0:00	1022.63	30.20	0.759	95.12	203.22	530.06	530.32		
3/28/99 0:15	1022.63	30.20	0.762	93.81	200.87	530.23			
3/28/99 0:30	1022.63	30.20	0.769	94.34	201.81	532.97			
3/28/99 0:45	1022.75	30.20	0.771	94.08	201.34	533.62			
3/28/99 1:00	1022.50	30.19	0.769	92.77	198.98	531.87	531.54		
3/28/99 1:15	1022.38	30.19	0.766	91.99	197.57	530.46			
3/28/99 1:30	1022.38	30.19	0.763	91.46	196.63	528.80			
3/28/99 1:45	1022.50	30.19	0.761	92.25	198.04	528.89			
3/28/99 2:00	1022.38	30.19	0.759	95.12	203.22	530.12	529.64		
3/28/99 2:15	1022.38	30.19	0.760	94.86	202.75	530.39			
3/28/99 2:30	1022.50	30.19	0.760	94.34	201.81	529.98			
3/28/99 2:45	1022.38	30.19	0.762	94.86	202.75	531.05			
3/28/99 3:00	1022.38	30.19	0.757	94.86	202.75	529.31	529.76		
3/28/99 3:15	1022.38	30.19	0.759	94.08	201.34	529.61			
3/28/99 3:30	1022.38	30.19	0.756	94.60	202.28	528.87			
3/28/99 3:45	1022.50	30.19	0.756	93.03	199.45	527.71			
3/28/99 4:00	1022.38	30.19	0.756	91.99	197.57	528.78	529.05		
3/28/99 4:15	1022.38	30.19	0.763	93.55	200.40	530.32			
3/28/99 4:30	1022.50	30.19	0.766	93.61	200.87	531.55			
3/28/99 4:45	1022.25	30.19	0.765	92.25	198.04	530.27			
3/28/99 5:00	1022.25	30.19	0.767	91.20	196.16	530.17	530.93		
3/28/99 5:15	1022.25	30.19	0.765	92.25	198.04	530.27			
3/28/99 5:30	1022.25	30.19	0.766	94.60	202.28	532.39			
3/28/99 5:45	1022.13	30.18	0.762	94.34	201.81	530.74			
3/28/99 6:00	1022.25	30.19	0.756	94.08	201.34	529.19	529.92		
3/28/99 6:15	1022.25	30.19	0.756	93.81	200.87	528.34			
3/28/99 6:30	1022.38	30.19	0.758	94.08	201.34	528.95			
3/28/99 6:45	1022.50	30.19	0.753	92.25	198.04	526.07			
3/28/99 7:00	1022.88	30.21	0.754	91.46	196.63	525.86	526.51		
3/28/99 7:15	1023.25	30.22	0.754	91.46	196.63	525.76			
3/28/99 7:30	1023.38	30.22	0.754	91.72	197.10	525.92			
3/28/99 7:45	1023.38	30.22	0.754	92.25	198.04	526.29			
3/28/99 8:00	1023.25	30.22	0.760	92.51	198.51	528.47	528.02		
3/28/99 8:15	1023.38	30.22	0.762	92.77	198.98	529.28			
3/28/99 8:30	1023.25	30.22	0.764	93.03	199.45	530.13			
3/28/99 8:45	1023.25	30.22	0.766	93.55	200.40	531.37			
3/28/99 9:00	1023.25	30.22	0.766	94.08	201.34	532.20	531.60		
3/28/99 9:15	1023.13	30.21	0.768	94.60	202.28	532.61			
3/28/99 9:30	1023.38	30.22	0.766	95.38	203.69	532.66			
3/28/99 9:45	1023.50	30.22	0.765	96.17	205.10	532.78			
3/28/99 10:00	1023.38	30.22	0.763	96.95	206.51	532.51	533.04		
3/28/99 10:15	1023.38	30.22	0.764	97.47	207.45	533.30			
3/28/99 10:30	1023.25	30.22	0.764	98.00	208.39	533.95			
3/28/99 10:45	1022.88	30.21	0.765	98.52	209.33	534.64			
3/28/99 11:00	1022.63	30.20	0.764	98.78	209.80	534.68	534.73		
3/28/99 11:15	1022.13	30.18	0.765	99.04	210.27	535.21			
3/28/99 11:30	1021.88	30.18	0.764	99.56	211.21	535.19			
3/28/99 11:45	1021.75	30.17	0.764	99.82	211.68	535.41			
3/28/99 12:00	1021.63	30.17	0.766	100.09	212.15	536.51	536.83		
3/28/99 12:15	1021.63	30.17	0.771	99.82	211.68	537.86			
3/28/99 12:30	1021.50	30.18	0.774	100.09	212.15	539.16			
3/28/99 12:45	1021.38	30.16	0.776	100.09	212.15	539.86			
3/28/99 13:00	1021.38	30.18	0.778	100.61	213.09	540.90	540.18		
3/28/99 13:15	1021.25	30.16	0.776	100.87	213.56	540.46			
3/28/99 13:30	1021.00	30.15	0.776	100.87	213.56	540.52			
3/28/99 13:45	1020.75	30.14	0.770	100.87	213.56	538.63			
3/28/99 14:00	1020.50	30.14	0.768	101.85	214.98	538.60	538.83		
3/28/99 14:15	1020.25	30.13	0.766	101.91	215.45	537.97			
3/28/99 14:30	1020.00	30.12	0.766	102.18	215.92	538.44			
3/28/99 14:45	1019.88	30.12	0.766	102.18	215.92	538.93			
3/28/99 15:00	1019.63	30.11	0.764	102.18	215.92	537.66	538.33		
3/28/99 15:15	1019.25	30.10	0.766	102.44	216.39	538.61			
3/28/99 15:30	1019.00	30.09	0.764	102.44	216.39	538.01			
3/28/99 15:45	1019.00	30.09	0.764	102.18	215.92	538.07			
3/28/99 16:00	1019.00	30.09	0.763	101.91	215.45	537.42	537.91		
3/28/99 16:15	1018.75	30.08	0.763	102.18	215.92	537.47			
3/28/99 16:30	1018.75	30.08	0.766	102.18	215.92	538.56			
3/28/99 16:45	1018.75	30.08	0.770	101.65	214.98	539.73			
3/28/99 17:00	1018.63	30.08	0.773	101.39	214.51	540.45	539.87		
3/28/99 17:15	1018.75	30.08	0.774	101.39	214.51	540.83			
3/28/99 17:30	1018.75	30.08	0.771	101.13	214.04	539.77			
3/28/99 17:45	1016.75	30.06	0.772	101.13	214.04	540.02			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/28/99 18:00	1019.00	30.09	0.789	101.13	214.04	539.07	538.84		
3/28/99 18:15	1019.13	30.09	0.785	101.39	214.51	537.69			
3/28/99 18:30	1019.25	30.10	0.766	101.13	214.04	537.68			
3/28/99 18:45	1019.25	30.10	0.762	100.87	213.56	536.19			
3/28/99 19:00	1019.25	30.10	0.761	100.09	212.15	535.38	535.17		
3/28/99 19:15	1019.25	30.10	0.757	99.04	210.27	533.12			
3/28/99 19:30	1019.50	30.11	0.759	98.78	209.80	533.50			
3/28/99 19:45	1019.75	30.11	0.758	98.78	209.80	533.01			
3/28/99 20:00	1019.75	30.11	0.757	99.04	210.27	532.99	533.24		
3/28/99 20:15	1019.88	30.12	0.758	99.30	210.74	533.35			
3/28/99 20:30	1019.88	30.12	0.758	99.30	210.74	533.35			
3/28/99 20:45	1019.88	30.12	0.764	99.30	210.74	535.53			
3/28/99 21:00	1019.75	30.11	0.766	99.04	210.27	536.25	535.75		
3/28/99 21:15	1019.88	30.12	0.768	98.78	209.80	536.89			
3/28/99 21:30	1019.88	30.12	0.769	98.78	209.80	536.90			
3/28/99 21:45	1020.13	30.12	0.770	98.52	209.33	537.10			
3/28/99 22:00	1020.38	30.13	0.767	98.52	209.33	535.98	536.59		
3/28/99 22:15	1020.75	30.14	0.769	99.04	210.27	536.88			
3/28/99 22:30	1020.88	30.15	0.766	99.56	211.21	536.12			
3/28/99 22:45	1021.00	30.15	0.762	99.56	211.21	534.79			
3/28/99 23:00	1021.25	30.16	0.759	99.56	211.21	533.85	534.87		
3/28/99 23:15	1021.38	30.16	0.762	99.30	210.74	534.51			
3/28/99 23:30	1021.50	30.16	0.763	99.56	211.21	535.08			
3/28/99 23:45	1021.63	30.17	0.762	99.56	211.21	534.63			
3/29/99 0:00	1021.63	30.17	0.761	99.30	210.74	533.98	534.34		
3/29/99 0:15	1021.88	30.18	0.761	99.30	210.74	534.13			
3/29/99 0:30	1022.13	30.18	0.761	99.30	210.74	533.85			
3/29/99 0:45	1022.13	30.18	0.761	99.56	211.21	534.25			
3/29/99 1:00	1022.00	30.18	0.766	99.30	210.74	535.64	535.35		
3/29/99 1:15	1022.25	30.19	0.769	99.04	210.27	536.47			
3/29/99 1:30	1022.25	30.19	0.789	98.78	209.80	536.52			
3/29/99 1:45	1022.25	30.19	0.771	98.78	209.80	536.94			
3/29/99 2:00	1022.38	30.19	0.772	98.52	209.33	537.17	536.75		
3/29/99 2:15	1022.63	30.20	0.772	98.52	209.33	537.11			
3/29/99 2:30	1022.50	30.19	0.769	98.52	209.33	536.03			
3/29/99 2:45	1022.25	30.19	0.766	98.52	209.33	535.22			
3/29/99 3:00	1022.00	30.18	0.763	98.52	209.33	534.20	534.13		
3/29/99 3:15	1022.25	30.19	0.759	98.00	208.39	532.46			
3/29/99 3:30	1022.13	30.18	0.761	97.47	207.45	532.75			
3/29/99 3:45	1021.88	30.18	0.758	97.21	206.98	531.54			
3/29/99 4:00	1021.83	30.17	0.757	96.43	205.57	530.83	530.83		
3/29/99 4:15	1022.00	30.18	0.753	96.17	205.10	528.80			
3/29/99 4:30	1022.25	30.19	0.755	95.90	204.63	529.42			
3/29/99 4:45	1022.50	30.19	0.753	95.64	204.16	528.29			
3/29/99 5:00	1022.63	30.20	0.754	95.64	204.16	528.93	529.25		
3/29/99 5:15	1022.88	30.21	0.757	95.38	203.69	529.55			
3/29/99 5:30	1022.88	30.21	0.760	94.60	202.28	530.07			
3/29/99 5:45	1022.88	30.21	0.763	94.60	202.28	531.15			
3/29/99 6:00	1023.13	30.21	0.764	94.34	201.81	531.35	530.75		
3/29/99 6:15	1023.50	30.22	0.765	94.34	201.81	531.46			
3/29/99 6:30	1023.63	30.23	0.761	94.08	201.34	529.71			
3/29/99 6:45	1023.88	30.23	0.761	94.08	201.34	529.64			
3/29/99 7:00	1024.13	30.24	0.757	94.34	201.81	528.48	529.05		
3/29/99 7:15	1024.50	30.25	0.758	94.88	202.75	528.97			
3/29/99 7:30	1024.50	30.25	0.755	95.38	203.69	528.47			
3/29/99 7:45	1024.75	30.28	0.759	95.90	204.63	530.07			
3/29/99 8:00	1025.00	30.27	0.760	96.43	205.57	530.84	532.75		
3/29/99 8:15	1025.38	30.28	0.758	96.95	206.51	530.45			
3/29/99 8:30	1025.50	30.28	0.799	95.90	204.63	543.90			
3/29/99 8:45	1025.75	30.29	0.760	96.95	206.51	531.02			
3/29/99 9:00	1026.00	30.30	0.759	98.52	209.33	531.86	534.23		
3/29/99 9:15	1026.38	30.31	0.758	99.04	210.27	531.88			
3/29/99 9:30	1026.63	30.32	0.781	99.30	210.74	532.68			
3/29/99 9:45	1026.63	30.32	0.820	97.47	207.45	551.73			
3/29/99 10:00	1026.75	30.32	0.770	98.28	208.86	535.18	538.79		
3/29/99 10:15	1026.75	30.32	0.773	99.56	211.21	537.20			
3/29/99 10:30	1026.75	30.32	0.772	100.09	212.15	537.16			
3/29/99 10:45	1026.50	30.31	0.788	100.35	212.62	538.09			
3/29/99 11:00	1026.38	30.31	0.772	100.81	213.09	537.63	538.85		
3/29/99 11:15	1026.13	30.30	0.771	100.87	213.56	537.43			
3/29/99 11:30	1025.75	30.29	0.766	101.13	214.04	535.97			
3/29/99 11:45	1025.50	30.28	0.774	101.65	214.98	539.24			
3/29/99 12:00	1025.38	30.28	0.791	100.81	213.09	544.58	542.59		
3/29/99 12:15	1025.25	30.28	0.796	100.35	212.62	546.14			
3/29/99 12:30	1025.25	30.28	0.799	100.09	212.15	547.04			
3/29/99 12:45	1025.25	30.28	0.803	100.09	212.15	548.31			
3/29/99 13:00	1025.13	30.27	0.828	100.09	212.15	556.81	552.63		
3/29/99 13:15	1025.13	30.27	0.842	98.28	208.86	560.05			
3/29/99 13:30	1025.00	30.27	0.811	100.09	212.15	550.93			
3/29/99 13:45	1024.75	30.28	0.804	100.87	213.56	549.22			
3/29/99 14:00	1024.63	30.26	0.804	101.13	214.04	549.88	550.13		
3/29/99 14:15	1024.63	30.28	0.805	101.39	214.51	550.08			
3/29/99 14:30	1024.38	30.25	0.806	101.85	214.98	550.75			
3/29/99 14:45	1024.25	30.25	0.808	101.85	214.98	551.23			
3/29/99 15:00	1024.13	30.24	0.814	101.39	214.51	553.18	552.84		
3/29/99 15:15	1024.00	30.24	0.819	101.13	214.04	554.72			
3/29/99 15:30	1024.00	30.24	0.818	101.13	214.04	554.31			
3/29/99 15:45	1023.88	30.23	0.818	101.39	214.51	553.89			
3/29/99 16:00	1023.88	30.23	0.812	101.65	214.98	552.83	552.91		
3/29/99 16:15	1023.88	30.23	0.809	101.39	214.51	551.55			
3/29/99 16:30	1024.00	30.24	0.810	101.39	214.51	551.95			
3/29/99 16:45	1024.00	30.24	0.808	101.39	214.51	551.10			
3/29/99 17:00	1024.00	30.24	0.806	101.39	214.51	550.66	552.17		
3/29/99 17:15	1024.13	30.24	0.816	100.87	213.56	553.84			
3/29/99 17:30	1024.13	30.24	0.818	100.09	212.15	553.50			
3/29/99 17:45	1024.13	30.24	0.821	99.82	211.68	554.56			
3/29/99 18:00	1024.25	30.25	0.819	99.82	211.68	553.92	552.82		
3/29/99 18:15	1024.25	30.25	0.813	99.56	211.21	551.39			
3/29/99 18:30	1024.38	30.25	0.811	99.56	211.21	550.71			
3/29/99 18:45	1024.50	30.25	0.809	99.30	210.74	549.84			
3/29/99 19:00	1024.50	30.25	0.808	98.78	209.80	549.25	548.87		
3/29/99 19:15	1024.63	30.26	0.807	97.73	207.92	548.03			
3/29/99 19:30	1024.75	30.26	0.803	97.47	207.45	546.52			
3/29/99 19:45	1024.88	30.26	0.808	96.95	206.51	547.59			
3/29/99 20:00	1025.13	30.27	0.812	96.17	205.10	548.43	547.86		
3/29/99 20:15	1025.25	30.28	0.813	95.64	204.16	548.42			
3/29/99 20:30	1025.50	30.28	0.814	95.38	203.69	548.36			
3/29/99 20:45	1025.63	30.29	0.812	95.12	203.22	547.52			
3/29/99 21:00	1025.75	30.29	0.806	95.12	203.22	545.38	545.92		
3/29/99 21:15	1025.88	30.29	0.802	94.86	202.75	543.88			
3/29/99 21:30	1025.88	30.29	0.804	94.88	202.75	544.49			
3/29/99 21:45	1026.00	30.30	0.808	94.60	202.28	545.75			
3/29/99 22:00	1026.00	30.30	0.811	94.60	202.28	548.60	548.24		
3/29/99 22:15	1026.25	30.31	0.810	94.34	201.81	546.13			
3/29/99 22:30	1026.38	30.31	0.817	94.08	201.34	548.23			
3/29/99 22:45	1026.38	30.31	0.819	93.29	199.93	548.48			
3/29/99 23:00	1026.38	30.31	0.819	93.03	199.45	548.05	547.18		
3/29/99 23:15	1026.63	30.32	0.816	92.77	198.98	548.75			
3/29/99 23:30	1026.75	30.32	0.808	93.03	199.45	544.39			

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/29/99 23:45	1026.75	30.32	0.804	93.29	199.93	543.10			
3/30/99 0:00	1026.88	30.32	0.803	93.03	199.45	542.47	543.00		
3/30/99 0:15	1027.00	30.33	0.803	93.03	199.45	542.44			
3/30/99 0:30	1027.00	30.33	0.803	93.29	199.93	542.63			
3/30/99 0:45	1027.00	30.33	0.803	93.03	199.45	542.64			
3/30/99 1:00	1027.25	30.33	0.804	93.29	199.93	542.97	543.24		
3/30/99 1:15	1027.25	30.33	0.808	92.51	198.51	543.67			
3/30/99 1:30	1027.25	30.33	0.810	92.25	198.04	544.31			
3/30/99 1:45	1027.25	30.33	0.815	91.72	197.10	545.60			
3/30/99 2:00	1027.25	30.33	0.812	91.72	197.10	544.56	545.34		
3/30/99 2:15	1027.25	30.33	0.812	94.08	201.34	546.31			
3/30/99 2:30	1027.13	30.33	0.809	94.60	202.28	545.89			
3/30/99 2:45	1027.00	30.33	0.804	93.03	199.45	543.08			
3/30/99 3:00	1027.13	30.33	0.807	95.12	203.22	545.44	544.67		
3/30/99 3:15	1027.00	30.33	0.806	94.86	202.75	544.84			
3/30/99 3:30	1027.00	30.33	0.807	94.60	202.28	545.08			
3/30/99 3:45	1027.13	30.33	0.806	94.86	202.75	544.80			
3/30/99 4:00	1027.13	30.33	0.807	95.12	203.22	545.44	546.42		
3/30/99 4:15	1027.25	30.33	0.815	95.12	203.22	548.13			
3/30/99 4:30	1027.13	30.33	0.818	94.60	202.28	548.62			
3/30/99 4:45	1027.25	30.33	0.818	94.34	201.81	548.59			
3/30/99 5:00	1027.25	30.33	0.818	94.34	201.81	548.59	547.05		
3/30/99 5:15	1027.50	30.34	0.812	93.81	200.87	546.05			
3/30/99 5:30	1027.63	30.35	0.808	92.25	198.04	543.37			
3/30/99 5:45	1027.88	30.35	0.806	94.08	201.34	544.23			
3/30/99 6:00	1028.00	30.36	0.808	94.34	201.81	544.83	543.64		
3/30/99 6:15	1028.00	30.36	0.805	92.77	198.98	542.82			
3/30/99 6:30	1028.13	30.36	0.804	93.29	199.93	542.97			
3/30/99 6:45	1028.25	30.36	0.806	94.60	202.28	544.52			
3/30/99 7:00	1028.50	30.37	0.809	95.12	203.22	545.66	545.69		
3/30/99 7:15	1028.75	30.38	0.816	94.86	202.75	547.74			
3/30/99 7:30	1028.75	30.36	0.816	94.60	202.28	547.55			
3/30/99 7:45	1028.88	30.38	0.820	94.34	201.81	548.79			
3/30/99 8:00	1029.00	30.39	0.817	93.81	200.87	547.33	547.13		
3/30/99 8:15	1029.00	30.39	0.812	94.86	202.75	546.43			
3/30/99 8:30	1029.00	30.39	0.808	95.64	204.16	545.53			
3/30/99 8:45	1029.00	30.39	0.803	96.43	205.57	544.41			
3/30/99 9:00	1029.00	30.39	0.799	97.21	206.98	543.70	544.35		
3/30/99 9:15	1029.00	30.39	0.798	97.47	207.45	543.48			
3/30/99 9:30	1029.25	30.39	0.799	98.26	208.86	544.64			
3/30/99 9:45	1029.25	30.39	0.798	98.52	209.33	544.39			
3/30/99 10:00	1029.25	30.39	0.801	99.04	210.27	545.83	546.25		
3/30/99 10:15	1029.25	30.39	0.806	99.30	210.74	547.51			
3/30/99 10:30	1029.00	30.39	0.809	99.30	210.74	548.87			
3/30/99 10:45	1028.88	30.38	0.814	100.09	212.15	550.94			
3/30/99 11:00	1028.75	30.38	0.814	99.82	211.68	551.02	550.96		
3/30/99 11:15	1028.75	30.38	0.816	100.35	212.62	551.81			
3/30/99 11:30	1028.75	30.38	0.815	101.13	214.04	552.18			
3/30/99 11:45	1028.75	30.38	0.810	101.39	214.51	550.68			
3/30/99 12:00	1028.50	30.37	0.808	101.91	215.45	550.28	551.13		
3/30/99 12:15	1028.38	30.37	0.808	102.44	216.39	550.90			
3/30/99 12:30	1028.13	30.36	0.809	102.70	216.86	551.60			
3/30/99 12:45	1027.75	30.35	0.807	102.70	216.86	550.85			
3/30/99 13:00	1027.63	30.35	0.808	102.96	217.33	551.48	551.79		
3/30/99 13:15	1027.25	30.33	0.808	103.74	218.74	551.95			
3/30/99 13:30	1027.00	30.33	0.811	103.74	218.74	553.08			
3/30/99 13:45	1026.75	30.32	0.814	102.96	217.33	553.63			
3/30/99 14:00	1026.50	30.31	0.817	103.22	217.80	554.97	554.20		
3/30/99 14:15	1026.25	30.31	0.816	102.70	216.86	554.42			
3/30/99 14:30	1026.00	30.30	0.817	102.96	217.33	554.92			
3/30/99 14:45	1025.75	30.29	0.817	103.48	218.27	555.37			
3/30/99 15:00	1025.63	30.29	0.811	104.00	219.21	553.85	554.44		
3/30/99 15:15	1025.38	30.28	0.811	104.53	220.15	554.30			
3/30/99 15:30	1025.13	30.27	0.809	104.53	220.15	553.75			
3/30/99 15:45	1025.00	30.27	0.808	104.79	220.62	553.32			
3/30/99 16:00	1024.88	30.26	0.808	104.79	220.62	553.36	553.24		
3/30/99 16:15	1024.75	30.26	0.807	104.53	220.15	553.00			
3/30/99 16:30	1024.75	30.26	0.806	104.53	220.15	552.76			
3/30/99 16:45	1024.75	30.26	0.805	104.53	220.15	552.34			
3/30/99 17:00	1024.63	30.26	0.813	104.00	219.21	554.77	554.45		
3/30/99 17:15	1024.63	30.26	0.819	104.00	219.21	556.67			
3/30/99 17:30	1024.50	30.25	0.817	103.48	218.27	555.71			
3/30/99 17:45	1024.50	30.25	0.819	103.22	217.80	556.13			
3/30/99 18:00	1024.50	30.25	0.816	102.70	216.86	554.89	554.72		
3/30/99 18:15	1024.50	30.25	0.815	102.70	216.86	554.48			
3/30/99 18:30	1024.25	30.25	0.809	102.70	216.86	552.40			
3/30/99 18:45	1024.25	30.25	0.808	102.70	216.86	551.99			
3/30/99 19:00	1024.13	30.24	0.803	101.91	215.45	549.74	550.38		
3/30/99 19:15	1024.13	30.24	0.803	101.13	214.04	549.17			
3/30/99 19:30	1024.13	30.24	0.803	100.35	212.62	548.59			
3/30/99 19:45	1024.13	30.24	0.801	99.82	211.68	547.56			
3/30/99 20:00	1024.13	30.24	0.800	99.30	210.74	546.97	547.69		
3/30/99 20:15	1024.25	30.25	0.804	98.78	209.80	548.06			
3/30/99 20:30	1024.38	30.25	0.806	98.26	208.86	548.25			
3/30/99 20:45	1024.25	30.25	0.808	97.73	207.92	548.54			
3/30/99 21:00	1024.25	30.25	0.811	97.47	207.45	549.20	548.30		
3/30/99 21:15	1024.25	30.25	0.809	97.47	207.45	548.55			
3/30/99 21:30	1024.13	30.24	0.805	96.95	206.51	546.94			
3/30/99 21:45	1024.00	30.24	0.799	97.21	206.98	545.03			
3/30/99 22:00	1024.00	30.24	0.798	96.95	206.51	544.63	544.94		
3/30/99 22:15	1023.88	30.23	0.798	96.95	206.51	544.46			
3/30/99 22:30	1023.75	30.23	0.795	96.95	206.51	543.64			
3/30/99 22:45	1023.63	30.23	0.797	96.69	206.04	544.13			
3/30/99 23:00	1023.63	30.23	0.794	96.43	205.57	542.84	543.06		
3/30/99 23:15	1023.63	30.23	0.792	96.43	205.57	542.23			
3/30/99 23:30	1023.50	30.22	0.793	96.17	205.10	542.48			
3/30/99 23:45	1023.50	30.22	0.804	96.17	205.10	546.33			
3/31/99 0:00	1023.38	30.22	0.805	96.17	205.10	546.57	545.44		
3/31/99 0:15	1023.25	30.22	0.804	95.38	203.69	545.81			
3/31/99 0:30	1023.25	30.22	0.804	95.64	204.18	546.01			
3/31/99 0:45	1023.13	30.21	0.803	96.43	205.57	546.18			
3/31/99 1:00	1023.00	30.21	0.797	96.17	205.10	543.91	544.36		
3/31/99 1:15	1022.75	30.20	0.794	95.64	204.18	542.74			
3/31/99 1:30	1022.63	30.20	0.795	95.64	204.18	542.97			
3/31/99 1:45	1022.50	30.19	0.791	95.38	203.69	541.31			
3/31/99 2:00	1022.50	30.19	0.796	96.95	206.51	544.17	543.35		
3/31/99 2:15	1022.25	30.19	0.795	97.21	206.98	544.23			
3/31/99 2:30	1022.13	30.18	0.795	96.95	206.51	544.07			
3/31/99 2:45	1022.00	30.18	0.794	96.17	205.10	543.32			
3/31/99 3:00	1022.00	30.18	0.793	95.64	204.18	542.29	543.27		
3/31/99 3:15	1022.00	30.18	0.796	94.60	202.28	542.78			
3/31/99 3:30	1022.00	30.18	0.800	94.34	201.81	543.88			
3/31/99 3:45	1022.00	30.18	0.801	94.08	201.34	544.09			
3/31/99 4:00	1021.88	30.18	0.798	93.81	200.87	542.88	543.26		
3/31/99 4:15	1021.88	30.18	0.797	93.81	200.87	542.47			
3/31/99 4:30	1021.88	30.18	0.794	95.90	204.63	543.18			
3/31/99 4:45	1021.88	30.18	0.798	97.47	207.45	544.93			
3/31/99 5:00	1021.75	30.17	0.796	97.21	206.98	544.57	543.22		
3/31/99 5:15	1021.75	30.17	0.793	95.90	204.63	542.54			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
3/31/99 5:30	1021.75	30.17	0.789	95.12	203.22	540.91			
3/31/99 5:45	1021.75	30.17	0.790	94.60	202.28	540.73			
3/31/99 6:00	1021.88	30.18	0.789	94.60	202.28	540.49	540.43		
3/31/99 6:15	1022.00	30.18	0.786	94.60	202.28	539.15			
3/31/99 6:30	1022.13	30.18	0.792	94.08	201.34	540.89			
3/31/99 6:45	1022.25	30.19	0.798	94.08	201.34	542.97			
3/31/99 7:00	1022.25	30.19	0.801	93.61	200.87	543.63	543.15		
3/31/99 7:15	1022.25	30.19	0.802	94.08	201.34	544.27			
3/31/99 7:30	1022.25	30.19	0.799	94.86	202.75	544.00			
3/31/99 7:45	1022.25	30.19	0.804	95.64	204.16	546.04			
3/31/99 8:00	1022.13	30.18	0.787	98.00	208.39	535.12	543.40		
3/31/99 8:15	1022.00	30.18	0.794	99.56	211.21	545.81			
3/31/99 8:30	1022.00	30.18	0.798	99.04	210.27	548.05			
3/31/99 8:45	1021.88	30.18	0.794	99.82	211.68	546.04			
3/31/99 9:00	1021.75	30.17	0.792	100.61	213.09	545.78	548.28		
3/31/99 9:15	1021.75	30.17	0.792	101.39	214.51	546.35			
3/31/99 9:30	1021.63	30.17	0.793	102.18	215.92	547.17			
3/31/99 9:45	1021.63	30.17	0.791	102.70	216.86	546.89			
3/31/99 10:00	1021.50	30.16	0.794	102.96	217.33	548.18	548.40		
3/31/99 10:15	1021.38	30.16	0.793	103.74	218.74	548.58			
3/31/99 10:30	1021.25	30.16	0.801	103.74	218.74	551.20			
3/31/99 10:45	1021.13	30.15	0.804	104.00	219.21	552.73			
3/31/99 11:00	1021.00	30.15	0.805	104.00	219.21	552.97	553.36		
3/31/99 11:15	1020.88	30.15	0.810	104.27	219.68	554.91			
3/31/99 11:30	1020.63	30.14	0.809	104.53	220.15	554.97			
3/31/99 11:45	1020.50	30.14	0.809	104.79	220.62	554.95			
3/31/99 12:00	1020.50	30.14	0.805	104.79	220.62	553.88	553.36		
3/31/99 12:15	1020.50	30.14	0.799	104.79	220.62	551.75			
3/31/99 12:30	1020.38	30.13	0.799	104.79	220.62	551.55			
3/31/99 12:45	1020.38	30.13	0.799	104.79	220.62	551.55			
3/31/99 13:00	1020.25	30.13	0.797	104.79	220.62	550.96	551.03		
3/31/99 13:15	1020.13	30.12	0.795	104.79	220.62	550.34			
3/31/99 13:30	1020.00	30.12	0.796	104.79	220.62	550.78			
3/31/99 13:45	1019.75	30.11	0.797	104.79	220.62	551.09			
3/31/99 14:00	1019.63	30.11	0.793	104.79	220.62	549.81	551.60		
3/31/99 14:15	1019.38	30.10	0.801	104.79	220.62	552.47			
3/31/99 14:30	1019.38	30.10	0.806	104.00	219.21	553.83			
3/31/99 14:45	1019.25	30.10	0.803	103.74	218.74	552.60			
3/31/99 15:00	1019.00	30.09	0.804	103.22	217.80	552.49	552.39		
3/31/99 15:15	1018.88	30.09	0.802	102.96	217.33	551.72			
3/31/99 15:30	1018.75	30.08	0.801	102.70	216.86	551.32			
3/31/99 15:45	1018.50	30.08	0.801	103.22	217.80	551.77			
3/31/99 16:00	1018.25	30.07	0.798	104.00	219.21	551.14	550.90		
3/31/99 16:15	1018.00	30.06	0.795	104.00	219.21	550.34			
3/31/99 16:30	1017.88	30.06	0.794	104.00	219.21	549.92			
3/31/99 16:45	1017.75	30.05	0.793	103.74	218.74	549.56			
3/31/99 17:00	1017.63	30.05	0.793	103.74	218.74	549.38	549.39		
3/31/99 17:15	1017.38	30.04	0.793	103.74	218.74	549.45			
3/31/99 17:30	1017.25	30.04	0.790	103.74	218.74	548.82			
3/31/99 17:45	1017.13	30.04	0.788	103.74	218.74	547.78			
3/31/99 18:00	1017.00	30.03	0.792	102.96	217.33	548.77	549.32		
3/31/99 18:15	1016.88	30.03	0.799	102.70	216.86	551.21			
3/31/99 18:30	1016.75	30.02	0.798	102.18	215.92	550.20			
3/31/99 18:45	1016.75	30.02	0.798	101.91	215.45	550.01			
3/31/99 19:00	1016.88	30.03	0.797	101.65	214.98	549.58	549.37		
3/31/99 19:15	1016.75	30.02	0.799	101.65	214.98	550.23			
3/31/99 19:30	1016.75	30.02	0.789	101.39	214.51	546.83			
3/31/99 19:45	1016.63	30.02	0.794	101.39	214.51	548.35			
3/31/99 20:00	1016.63	30.02	0.789	101.91	215.45	547.25	547.33		
3/31/99 20:15	1016.50	30.02	0.787	102.44	216.39	546.79			
3/31/99 20:30	1016.50	30.02	0.789	102.44	216.39	547.42			
3/31/99 20:45	1016.50	30.02	0.787	102.44	216.39	546.79			
3/31/99 21:00	1016.25	30.01	0.787	102.44	216.39	546.86	546.94		
3/31/99 21:15	1016.25	30.01	0.787	102.18	215.92	546.67			
3/31/99 21:30	1016.00	30.00	0.788	102.18	215.92	546.94			
3/31/99 21:45	1015.75	30.00	0.793	101.13	214.04	548.19			
3/31/99 22:00	1015.63	29.99	0.793	101.13	214.04	548.22	548.31		
3/31/99 22:15	1015.50	29.99	0.797	100.87	213.56	549.38			
3/31/99 22:30	1015.25	29.98	0.796	100.35	212.62	548.82			
3/31/99 22:45	1015.25	29.98	0.796	100.35	212.62	548.82			
3/31/99 23:00	1015.13	29.98	0.791	100.35	212.62	547.13	547.46		
3/31/99 23:15	1015.00	29.97	0.789	100.87	213.56	546.68			
3/31/99 23:30	1014.88	29.97	0.788	100.87	213.56	545.84			
3/31/99 23:45	1014.88	29.97	0.786	101.39	214.51	546.22			
4/1/99 0:00	1014.75	29.97	0.788	101.39	214.51	546.05	545.66		
4/1/99 0:15	1014.63	29.96	0.784	101.39	214.51	545.42			
4/1/99 0:30	1014.50	29.96	0.783	100.87	213.56	544.87			
4/1/99 0:45	1014.50	29.96	0.782	101.13	214.04	544.64			
4/1/99 1:00	1014.50	29.96	0.783	101.91	215.45	545.63	545.84		
4/1/99 1:15	1014.38	29.95	0.786	101.91	215.45	546.53			
4/1/99 1:30	1014.13	29.95	0.790	101.13	214.04	547.55			
4/1/99 1:45	1014.00	29.94	0.792	100.35	212.62	547.87			
4/1/99 2:00	1013.88	29.94	0.792	100.35	212.62	547.71	547.89		
4/1/99 2:15	1013.75	29.94	0.794	100.09	212.15	548.17			
4/1/99 2:30	1013.63	29.93	0.791	100.35	212.62	547.32			
4/1/99 2:45	1013.50	29.93	0.789	100.87	213.56	547.08			
4/1/99 3:00	1013.38	29.92	0.786	101.39	214.51	546.63	546.82		
4/1/99 3:15	1013.25	29.92	0.784	101.91	215.45	546.42			
4/1/99 3:30	1013.25	29.92	0.785	101.91	215.45	546.83			
4/1/99 3:45	1013.25	29.92	0.781	101.39	214.51	544.71			
4/1/99 4:00	1013.13	29.92	0.781	101.91	215.45	545.33	545.60		
4/1/99 4:15	1013.13	29.92	0.782	102.18	215.92	545.77			
4/1/99 4:30	1013.00	29.91	0.781	102.44	216.39	545.54			
4/1/99 4:45	1013.13	29.92	0.782	102.44	216.39	545.96			
4/1/99 5:00	1013.25	29.92	0.786	101.91	215.45	546.83	546.78		
4/1/99 5:15	1013.38	29.92	0.788	101.13	214.04	547.10			
4/1/99 5:30	1013.50	29.93	0.792	101.13	214.04	548.38			
4/1/99 5:45	1013.50	29.93	0.791	101.39	214.51	548.33			
4/1/99 6:00	1013.63	29.93	0.793	101.39	214.51	548.95	548.67		
4/1/99 6:15	1013.75	29.94	0.795	101.91	215.45	549.98			
4/1/99 6:30	1013.88	29.94	0.789	101.91	215.45	547.74			
4/1/99 6:45	1014.00	29.94	0.786	102.44	216.39	547.22			
4/1/99 7:00	1014.13	29.95	0.786	102.44	216.39	546.98	547.07		
4/1/99 7:15	1014.25	29.95	0.784	102.70	216.86	546.72			
4/1/99 7:30	1014.38	29.95	0.784	102.70	216.86	546.68			
4/1/99 7:45	1014.50	29.96	0.784	102.70	216.86	546.41			
4/1/99 8:00	1014.38	29.95	0.782	102.70	216.86	545.81	546.34		
4/1/99 8:15	1014.38	29.95	0.783	102.96	217.33	546.42			
4/1/99 8:30	1014.50	29.96	0.783	102.96	217.33	546.39			
4/1/99 8:45	1014.50	29.96	0.784	102.96	217.33	546.84			
4/1/99 9:00	1014.50	29.96	0.790	102.70	216.86	548.60	548.07		
4/1/99 9:15	1014.50	29.96	0.792	102.70	216.86	549.26			
4/1/99 9:30	1014.50	29.96	0.792	102.70	216.86	549.26			
4/1/99 9:45	1014.50	29.96	0.794	102.70	216.86	550.12			
4/1/99 10:00	1014.50	29.96	0.831	101.91	215.45	561.93	551.33		
4/1/99 10:15	1014.63	29.96	0.788	103.48	218.27	548.47			
4/1/99 10:30	1014.63	29.96	0.782	104.27	219.68	546.88			
4/1/99 10:45	1014.63	29.96	0.784	104.53	220.15	547.70			
4/1/99 11:00	1014.63	29.96	0.782	104.53	220.15	547.07	547.19		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/1/99 11:15	1014.63	29.96	0.782	104.79	220.62	547.26			
4/1/99 11:30	1014.63	29.96	0.781	104.79	220.62	547.01			
4/1/99 11:45	1014.63	29.96	0.786	105.05	221.09	548.95			
4/1/99 12:00	1014.50	29.96	0.784	105.31	221.56	548.30	548.65		
4/1/99 12:15	1014.50	29.96	0.786	105.57	222.03	549.16			
4/1/99 12:30	1014.50	29.96	0.788	105.57	222.03	549.82			
4/1/99 12:45	1014.50	29.96	0.795	105.31	221.56	552.24			
4/1/99 13:00	1014.38	29.95	0.795	105.31	221.56	552.27	552.31		
4/1/99 13:15	1014.25	29.95	0.799	105.31	221.56	553.59			
4/1/99 13:30	1014.00	29.94	0.798	105.57	222.03	553.64			
4/1/99 13:45	1013.88	29.94	0.799	106.10	222.97	554.27			
4/1/99 14:00	1013.75	29.94	0.794	106.36	223.44	552.75	553.01		
4/1/99 14:15	1013.75	29.94	0.789	106.88	224.38	551.63			
4/1/99 14:30	1013.63	29.93	0.793	106.88	224.38	552.75			
4/1/99 14:45	1013.63	29.93	0.798	106.36	223.44	554.32			
4/1/99 15:00	1013.50	29.93	0.820	105.83	222.50	561.52	553.72		
4/1/99 15:15	1013.50	29.93	0.785	107.14	224.85	550.35			
4/1/99 15:30	1013.50	29.93	0.783	107.40	225.32	549.66			
4/1/99 15:45	1013.63	29.93	0.783	107.40	225.32	549.63			
4/1/99 16:00	1013.50	29.93	0.783	106.88	224.38	549.50	550.07		
4/1/99 16:15	1013.63	29.93	0.783	106.88	224.38	549.46			
4/1/99 16:30	1013.63	29.93	0.791	106.88	224.38	552.09			
4/1/99 16:45	1013.75	29.94	0.794	106.62	223.91	552.94			
4/1/99 17:00	1013.75	29.94	0.795	105.83	222.50	552.83	551.74		
4/1/99 17:15	1013.75	29.94	0.789	105.57	222.03	550.44			
4/1/99 17:30	1013.88	29.94	0.789	105.57	222.03	550.41			
4/1/99 17:45	1013.88	29.94	0.789	106.10	222.97	550.79			
4/1/99 18:00	1014.00	29.94	0.783	106.88	224.38	549.36	549.72		
4/1/99 18:15	1014.00	29.94	0.784	106.88	224.38	549.57			
4/1/99 18:30	1014.00	29.94	0.781	106.88	224.38	548.48			
4/1/99 18:45	1014.00	29.94	0.782	106.88	224.38	548.94			
4/1/99 19:00	1014.13	29.95	0.779	106.88	224.38	548.03	548.25		
4/1/99 19:15	1014.25	29.95	0.780	106.62	223.91	548.02			
4/1/99 19:30	1014.38	29.95	0.780	106.36	223.44	547.79			
4/1/99 19:45	1014.50	29.96	0.778	106.10	222.97	546.90			
4/1/99 20:00	1014.63	29.96	0.787	105.83	222.50	549.76	549.11		
4/1/99 20:15	1014.63	29.96	0.791	105.57	222.03	551.07			
4/1/99 20:30	1014.75	29.97	0.789	105.05	221.09	550.03			
4/1/99 20:45	1015.00	29.97	0.793	104.79	220.62	550.85			
4/1/99 21:00	1015.00	29.97	0.791	104.53	220.15	550.00	549.72		
4/1/99 21:15	1014.88	29.97	0.789	104.27	219.68	549.19			
4/1/99 21:30	1014.88	29.97	0.786	104.53	220.15	548.51			
4/1/99 21:45	1015.00	29.97	0.780	104.53	220.15	546.30			
4/1/99 22:00	1015.13	29.98	0.779	104.79	220.62	546.25	546.88		
4/1/99 22:15	1015.13	29.98	0.779	104.79	220.62	546.25			
4/1/99 22:30	1015.25	29.98	0.782	104.79	220.62	547.09			
4/1/99 22:45	1015.13	29.98	0.784	104.79	220.62	547.75			
4/1/99 23:00	1015.38	29.98	0.778	104.79	220.62	545.73	546.59		
4/1/99 23:15	1015.63	29.99	0.781	104.79	220.62	546.54			
4/1/99 23:30	1015.75	30.00	0.779	104.79	220.62	545.84			
4/1/99 23:45	1015.75	30.00	0.786	104.79	220.62	548.46			
4/2/99 0:00	1016.00	30.00	0.790	104.53	220.15	549.52	548.52		
4/2/99 0:15	1016.00	30.00	0.789	104.53	220.15	549.07			
4/2/99 0:30	1016.00	30.00	0.791	104.53	220.15	549.73			
4/2/99 0:45	1015.88	30.00	0.790	104.53	220.15	549.56			
4/2/99 1:00	1016.00	30.00	0.788	104.79	220.62	549.05	548.56		
4/2/99 1:15	1016.13	30.01	0.786	104.53	220.15	547.96			
4/2/99 1:30	1016.00	30.00	0.762	104.27	219.68	546.51			
4/2/99 1:45	1015.75	30.00	0.781	104.79	220.62	546.71			
4/2/99 2:00	1015.75	30.00	0.781	104.79	220.62	546.50	546.44		
4/2/99 2:15	1015.88	30.00	0.781	104.79	220.62	546.68			
4/2/99 2:30	1015.88	30.00	0.779	104.79	220.62	545.80			
4/2/99 2:45	1016.00	30.00	0.780	104.79	220.62	546.22			
4/2/99 3:00	1016.13	30.01	0.779	104.79	220.62	545.74	546.34		
4/2/99 3:15	1016.25	30.01	0.780	105.05	221.09	546.35			
4/2/99 3:30	1016.38	30.01	0.784	105.05	221.09	547.61			
4/2/99 3:45	1016.50	30.02	0.786	104.79	220.62	548.26			
4/2/99 4:00	1016.50	30.02	0.792	104.79	220.62	550.24	549.09		
4/2/99 4:15	1016.25	30.01	0.789	104.53	220.15	549.25			
4/2/99 4:30	1016.25	30.01	0.792	104.53	220.15	550.12			
4/2/99 4:45	1016.38	30.01	0.789	104.53	220.15	548.97			
4/2/99 5:00	1016.63	30.02	0.789	104.53	220.15	549.15	548.50		
4/2/99 5:15	1016.63	30.02	0.783	104.79	220.62	547.14			
4/2/99 5:30	1016.75	30.02	0.783	104.79	220.62	547.11			
4/2/99 5:45	1016.75	30.02	0.781	104.79	220.62	546.44			
4/2/99 6:00	1016.75	30.02	0.782	104.79	220.62	546.69	546.51		
4/2/99 6:15	1017.00	30.03	0.780	104.79	220.62	545.96			
4/2/99 6:30	1017.13	30.04	0.781	104.79	220.62	546.34			
4/2/99 6:45	1017.38	30.04	0.781	104.79	220.62	546.27			
4/2/99 7:00	1017.38	30.04	0.783	105.31	221.56	547.32	546.67		
4/2/99 7:15	1017.50	30.05	0.778	105.57	222.03	545.72			
4/2/99 7:30	1017.63	30.05	0.784	105.31	221.56	547.70			
4/2/99 7:45	1017.75	30.05	0.788	105.31	221.56	548.96			
4/2/99 8:00	1017.83	30.05	0.790	105.31	221.56	549.65	549.18		
4/2/99 8:15	1017.63	30.05	0.792	105.31	221.56	550.32			
4/2/99 8:30	1017.63	30.05	0.790	104.79	220.62	549.28			
4/2/99 8:45	1017.75	30.05	0.791	105.05	221.09	549.64			
4/2/99 9:00	1017.63	30.05	0.789	105.83	222.50	549.58	549.07		
4/2/99 9:15	1017.75	30.05	0.787	106.10	222.97	549.11			
4/2/99 9:30	1017.88	30.06	0.783	106.10	222.97	547.75			
4/2/99 9:45	1017.75	30.05	0.781	106.36	223.44	547.31			
4/2/99 10:00	1017.88	30.06	0.784	106.62	223.91	548.34	548.30		
4/2/99 10:15	1017.75	30.05	0.783	107.14	224.85	548.54			
4/2/99 10:30	1017.63	30.05	0.784	107.92	226.26	549.59			
4/2/99 10:45	1017.50	30.05	0.784	108.45	227.20	549.75			
4/2/99 11:00	1017.50	30.05	0.785	108.71	227.67	550.40	550.18		
4/2/99 11:15	1017.38	30.04	0.781	109.23	228.62	549.47			
4/2/99 11:30	1017.38	30.04	0.787	109.49	229.09	551.66			
4/2/99 11:45	1017.25	30.04	0.789	108.71	227.67	552.01			
4/2/99 12:00	1017.13	30.04	0.793	108.97	228.15	553.31	553.41		
4/2/99 12:15	1016.88	30.03	0.796	109.49	229.09	555.05			
4/2/99 12:30	1016.88	30.03	0.796	109.75	229.56	555.03			
4/2/99 12:45	1016.63	30.02	0.798	110.01	230.03	556.16			
4/2/99 13:00	1016.25	30.01	0.796	109.49	229.09	555.01	554.99		
4/2/99 13:15	1016.00	30.00	0.797	109.23	228.62	555.34			
4/2/99 13:30	1015.75	30.00	0.791	109.23	228.62	553.42			
4/2/99 13:45	1015.50	29.99	0.787	109.23	228.62	551.98			
4/2/99 14:00	1015.38	29.98	0.786	109.49	229.09	551.75	551.84		
4/2/99 14:15	1015.38	29.98	0.783	109.23	228.62	550.47			
4/2/99 14:30	1015.25	29.98	0.786	109.23	228.62	551.60			
4/2/99 14:45	1015.25	29.98	0.786	109.75	229.56	552.18			
4/2/99 15:00	1015.13	29.98	0.786	111.32	232.38	553.13	552.38		
4/2/99 15:15	1015.25	29.98	0.784	111.06	231.91	552.49			
4/2/99 15:30	1015.25	29.98	0.784	111.06	231.91	552.49			
4/2/99 15:45	1015.25	29.98	0.782	110.54	230.97	551.23			
4/2/99 16:00	1015.25	29.98	0.788	110.80	231.44	552.72	553.23		
4/2/99 16:15	1015.25	29.98	0.789	110.80	231.44	554.06			
4/2/99 16:30	1015.25	29.98	0.794	110.54	230.97	555.62			
4/2/99 16:45	1015.25	29.98	0.797	110.28	230.50	556.31			

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Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/2/99 17:00	1015.13	29.98	0.795	109.75	229.56	555.30	555.36		
4/2/99 17:15	1015.38	29.98	0.794	110.01	230.03	555.21			
4/2/99 17:30	1015.38	29.98	0.793	109.75	229.56	554.36			
4/2/99 17:45	1015.50	29.99	0.786	109.75	229.56	552.12			
4/2/99 18:00	1015.13	29.98	0.784	109.49	229.09	551.15	551.46		
4/2/99 18:15	1015.13	29.98	0.779	109.49	229.09	549.64			
4/2/99 18:30	1014.88	29.97	0.781	109.49	229.09	550.13			
4/2/99 18:45	1015.00	29.97	0.781	109.49	229.09	550.09			
4/2/99 19:00	1015.13	29.98	0.779	109.49	229.09	549.39	549.85		
4/2/99 19:15	1015.25	29.98	0.781	109.49	229.09	550.03			
4/2/99 19:30	1015.25	29.98	0.779	109.49	229.09	549.60			
4/2/99 19:45	1015.25	29.98	0.781	109.23	228.62	549.84			
4/2/99 20:00	1015.25	29.98	0.780	109.49	229.09	549.81	550.17		
4/2/99 20:15	1015.38	29.98	0.780	109.23	228.62	549.59			
4/2/99 20:30	1015.63	29.99	0.788	108.71	227.67	551.99			
4/2/99 20:45	1015.63	29.99	0.788	108.19	226.73	551.62			
4/2/99 21:00	1015.75	30.00	0.790	107.66	225.79	551.87	551.59		
4/2/99 21:15	1015.88	30.00	0.786	107.66	225.79	551.17			
4/2/99 21:30	1016.00	30.00	0.788	107.92	226.26	551.32			
4/2/99 21:45	1016.00	30.00	0.789	107.92	226.26	551.53			
4/2/99 22:00	1016.13	30.01	0.786	107.92	226.26	550.42	550.22		
4/2/99 22:15	1016.00	30.00	0.783	107.92	226.26	549.57			
4/2/99 22:30	1016.00	30.00	0.779	107.92	226.26	548.27			
4/2/99 22:45	1016.00	30.00	0.781	107.92	226.26	548.91			
4/2/99 23:00	1016.00	30.00	0.779	107.40	225.32	547.65	547.85		
4/2/99 23:15	1015.88	30.00	0.778	106.88	224.38	547.10			
4/2/99 23:30	1015.88	30.00	0.779	106.88	224.38	547.31			
4/2/99 23:45	1015.75	30.00	0.776	107.14	224.85	546.44			
4/3/99 0:00	1015.75	30.00	0.776	107.14	224.85	546.44	546.82		
4/3/99 0:15	1015.63	29.99	0.777	107.14	224.85	546.93			
4/3/99 0:30	1015.50	29.99	0.777	107.14	224.85	546.96			
4/3/99 0:45	1015.38	29.98	0.781	106.88	224.38	548.11			
4/3/99 1:00	1015.38	29.98	0.783	106.88	224.38	548.99	548.85		
4/3/99 1:15	1015.38	29.98	0.786	106.88	224.38	550.53			
4/3/99 1:30	1015.38	29.98	0.785	106.88	224.38	549.65			
4/3/99 1:45	1015.13	29.98	0.786	106.88	224.38	549.93			
4/3/99 2:00	1015.00	29.97	0.785	106.88	224.38	549.78	549.41		
4/3/99 2:15	1015.00	29.97	0.783	107.14	224.85	549.28			
4/3/99 2:30	1014.88	29.97	0.780	107.40	225.32	548.41			
4/3/99 2:45	1014.75	29.97	0.777	107.40	225.32	547.35			
4/3/99 3:00	1014.88	29.97	0.778	107.40	225.32	547.74	547.28		
4/3/99 3:15	1014.88	29.97	0.774	107.40	225.32	546.44			
4/3/99 3:30	1014.88	29.97	0.774	107.40	225.32	546.44			
4/3/99 3:45	1014.75	29.97	0.777	107.40	225.32	547.35			
4/3/99 4:00	1014.88	29.97	0.773	107.40	225.32	545.98	546.87		
4/3/99 4:15	1014.88	29.97	0.775	107.40	225.32	546.65			
4/3/99 4:30	1014.88	29.97	0.778	107.66	225.79	547.93			
4/3/99 4:45	1014.75	29.97	0.774	107.92	226.26	546.65			
4/3/99 5:00	1014.75	29.97	0.779	107.40	225.32	547.99	548.18		
4/3/99 5:15	1014.75	29.97	0.780	106.88	224.38	548.07			
4/3/99 5:30	1014.63	29.96	0.788	106.88	224.38	550.07			
4/3/99 5:45	1014.63	29.96	0.788	106.62	223.91	549.88			
4/3/99 6:00	1014.75	29.97	0.784	106.62	223.91	549.42	549.49		
4/3/99 6:15	1014.75	29.97	0.783	106.62	223.91	548.97			
4/3/99 6:30	1015.00	29.97	0.783	106.88	224.38	549.09			
4/3/99 6:45	1015.00	29.97	0.781	107.14	224.85	548.40			
4/3/99 7:00	1014.88	29.97	0.779	107.66	225.79	548.39	548.13		
4/3/99 7:15	1014.88	29.97	0.775	108.19	226.73	547.21			
4/3/99 7:30	1015.00	29.97	0.775	108.71	227.67	547.55			
4/3/99 7:45	1015.13	29.98	0.775	108.97	228.15	547.71			
4/3/99 8:00	1015.25	29.98	0.777	108.71	227.67	548.16	547.96		
4/3/99 8:15	1015.25	29.98	0.775	108.97	228.15	547.67			
4/3/99 8:30	1015.25	29.98	0.777	109.49	229.09	548.72			
4/3/99 8:45	1015.00	29.97	0.776	109.75	229.56	548.52			
4/3/99 9:00	1014.88	29.97	0.775	110.28	230.50	548.71	549.88		
4/3/99 9:15	1014.75	29.97	0.779	110.80	231.44	550.43			
4/3/99 9:30	1014.63	29.96	0.783	110.80	231.44	552.01			
4/3/99 9:45	1014.25	29.95	0.784	111.32	232.38	552.95			
4/3/99 10:00	1014.13	29.95	0.786	111.32	232.38	553.62	553.52		
4/3/99 10:15	1014.25	29.95	0.788	111.32	232.38	554.25			
4/3/99 10:30	1014.50	29.96	0.789	111.84	233.32	554.77			
4/3/99 10:45	1014.25	29.95	0.791	112.11	233.79	555.70			
4/3/99 11:00	1014.13	29.95	0.789	111.84	233.32	555.12	554.46		
4/3/99 11:15	1014.00	29.94	0.783	111.84	233.32	552.94			
4/3/99 11:30	1014.00	29.94	0.764	112.37	234.26	553.77			
4/3/99 11:45	1014.25	29.95	0.783	112.83	234.73	553.43			
4/3/99 12:00	1015.00	29.97	0.764	112.83	234.73	553.44	553.11		
4/3/99 12:15	1015.25	29.98	0.783	112.37	234.26	552.97			
4/3/99 12:30	1015.38	29.98	0.782	111.58	232.65	551.95			
4/3/99 12:45	1015.13	29.98	0.783	111.06	231.91	551.85			
4/3/99 13:00	1014.75	29.97	0.781	110.80	231.44	551.31	550.92		
4/3/99 13:15	1014.75	29.97	0.778	110.80	231.44	550.22			
4/3/99 13:30	1015.00	29.97	0.776	110.80	231.44	549.26			
4/3/99 13:45	1015.00	29.97	0.778	110.54	230.97	549.75			
4/3/99 14:00	1015.00	29.97	0.783	110.54	230.97	551.51	551.32		
4/3/99 14:15	1014.63	29.96	0.788	110.01	230.03	553.00			
4/3/99 14:30	1014.38	29.95	0.788	110.01	230.03	553.07			
4/3/99 14:45	1014.00	29.94	0.786	110.01	230.03	552.71			
4/3/99 15:00	1013.38	29.92	0.786	110.01	230.03	552.88	553.12		
4/3/99 15:15	1013.13	29.92	0.788	110.54	230.97	553.33			
4/3/99 15:30	1013.38	29.92	0.786	111.06	231.91	553.64			
4/3/99 15:45	1014.13	29.95	0.788	111.06	231.91	553.89			
4/3/99 16:00	1014.50	29.96	0.784	111.58	232.65	552.82	552.72		
4/3/99 16:15	1015.38	29.98	0.784	111.32	232.38	552.40			
4/3/99 16:30	1015.50	29.99	0.780	111.06	231.91	550.67			
4/3/99 16:45	1015.38	29.98	0.779	110.80	231.44	550.51			
4/3/99 17:00	1015.13	29.98	0.776	110.80	231.44	550.11	549.99		
4/3/99 17:15	1014.13	29.95	0.775	110.80	231.44	549.29			
4/3/99 17:30	1013.75	29.94	0.774	110.80	231.44	549.18			
4/3/99 17:45	1013.88	29.94	0.774	110.80	231.44	548.89			
4/3/99 18:00	1014.13	29.95	0.774	110.80	231.44	548.83	549.62		
4/3/99 18:15	1014.00	29.94	0.780	110.54	230.97	550.90			
4/3/99 18:30	1014.00	29.94	0.779	110.01	230.03	550.32			
4/3/99 18:45	1013.75	29.94	0.783	110.01	230.03	551.48			
4/3/99 19:00	1013.75	29.94	0.782	109.75	229.58	551.08	551.07		
4/3/99 19:15	1013.25	29.92	0.784	109.49	229.09	551.66			
4/3/99 19:30	1012.38	29.90	0.781	109.49	229.09	550.81			
4/3/99 19:45	1011.13	29.86	0.778	109.49	229.09	550.26			
4/3/99 20:00	1011.38	29.87	0.773	109.49	229.09	548.21	549.28		
4/3/99 20:15	1011.50	29.87	0.774	110.01	230.03	548.98			
4/3/99 20:30	1011.38	29.87	0.771	110.01	230.03	548.12			
4/3/99 20:45	1011.50	29.87	0.774	110.01	230.03	549.23			
4/3/99 21:00	1012.00	29.88	0.772	110.01	230.03	548.20	548.22		
4/3/99 21:15	1012.13	29.89	0.772	109.75	229.56	547.98			
4/3/99 21:30	1012.13	29.89	0.771	109.49	229.09	547.55			
4/3/99 21:45	1012.00	29.88	0.771	109.49	229.09	547.58			
4/3/99 22:00	1012.13	29.89	0.768	109.23	228.62	546.26	547.32		
4/3/99 22:15	1012.25	29.89	0.770	109.23	228.62	546.90			
4/3/99 22:30	1012.13	29.89	0.775	108.71	227.67	548.33			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/3/99 22:45	1012.00	29.88	0.781	108.45	227.20	550.18			
4/3/99 23.00	1012.00	29.88	0.781	108.19	226.73	550.18	549.91		
4/3/99 23:15	1011.88	29.88	0.781	108.19	226.73	550.21			
4/3/99 23:30	1011.75	29.88	0.782	108.45	227.20	550.68			
4/3/99 23:45	1011.75	29.88	0.781	109.23	228.62	551.00			
4/4/99 0:00	1011.75	29.88	0.780	109.23	228.62	550.58	550.19		
4/4/99 0:15	1011.75	29.88	0.778	109.49	229.09	549.88			
4/4/99 0:30	1011.63	29.87	0.774	109.49	229.09	548.82			
4/4/99 0:45	1011.63	29.87	0.774	109.49	229.09	548.57			
4/4/99 1:00	1011.63	29.87	0.771	109.49	229.09	547.88	548.22		
4/4/99 1:15	1011.63	29.87	0.773	109.75	229.56	548.54			
4/4/99 1:30	1011.50	29.87	0.770	109.75	229.56	547.48			
4/4/99 1:45	1011.38	29.87	0.768	110.01	230.03	547.02			
4/4/99 3:00	1011.25	29.86	0.770	110.01	230.03	547.73	547.81		
4/4/99 3:15	1011.13	29.86	0.773	109.75	229.56	548.47			
4/4/99 3:30	1010.75	29.85	0.772	109.75	229.56	548.35			
4/4/99 3:45	1010.50	29.84	0.768	109.75	229.56	547.07			
4/4/99 4:00	1010.38	29.84	0.774	109.49	229.09	548.91	549.05		
4/4/99 4:15	1010.50	29.84	0.778	109.49	229.09	550.43			
4/4/99 4:30	1010.38	29.84	0.779	109.23	228.62	550.49			
4/4/99 4:45	1010.38	29.84	0.781	109.23	228.62	551.16			
4/4/99 5:00	1010.38	29.84	0.779	109.23	228.62	550.49	550.30		
4/4/99 5:15	1010.38	29.84	0.776	109.23	228.62	549.61			
4/4/99 5:30	1010.50	29.84	0.776	109.49	229.09	549.76			
4/4/99 5:45	1010.50	29.84	0.773	109.75	229.56	548.85			
4/4/99 6:00	1010.63	29.84	0.768	109.75	229.56	547.04	548.26		
4/4/99 6:15	1010.75	29.85	0.772	109.75	229.56	548.35			
4/4/99 6:30	1010.63	29.84	0.769	109.49	229.09	547.31			
4/4/99 6:45	1010.75	29.85	0.770	109.23	228.62	547.31			
4/4/99 7:00	1010.75	29.85	0.770	109.23	228.62	547.31	546.67		
4/4/99 7:15	1011.00	29.85	0.767	108.97	228.15	545.95			
4/4/99 7:30	1011.00	29.85	0.765	109.23	228.62	545.46			
4/4/99 7:45	1011.00	29.85	0.768	109.23	228.62	546.56			
4/4/99 8:00	1011.00	29.85	0.769	109.49	229.09	546.96	547.28		
4/4/99 8:15	1011.13	29.86	0.773	109.23	228.62	548.09			
4/4/99 8:30	1011.50	29.87	0.776	109.23	228.62	549.30			
4/4/99 8:45	1011.88	29.88	0.781	109.49	229.09	550.94			
4/4/99 9:00	1012.00	29.88	0.781	109.23	228.62	550.72	550.36		
4/4/99 9:15	1012.00	29.88	0.778	109.23	228.62	549.84			
4/4/99 9:30	1012.38	29.90	0.781	109.49	229.09	551.02			
4/4/99 9:45	1012.63	29.90	0.782	110.01	230.03	551.57			
4/4/99 10:00	1012.88	29.91	0.779	110.28	230.50	550.56	550.79		
4/4/99 10:15	1013.00	29.91	0.775	110.80	231.44	549.59			
4/4/99 10:30	1013.13	29.92	0.778	111.84	233.32	551.19			
4/4/99 10:45	1013.25	29.92	0.775	112.11	233.79	550.46			
4/4/99 11:00	1013.25	29.92	0.774	112.11	233.79	550.25	550.99		
4/4/99 11:15	1013.50	29.93	0.777	112.37	234.26	551.25			
4/4/99 11:30	1013.63	29.93	0.778	112.89	235.20	551.80			
4/4/99 11:45	1013.63	29.93	0.780	113.67	236.61	553.25			
4/4/99 12:00	1013.75	29.94	0.778	113.67	236.61	552.33	552.44		
4/4/99 12:15	1013.88	29.94	0.777	114.72	238.49	552.63			
4/4/99 12:30	1013.75	29.94	0.774	114.72	238.49	551.97			
4/4/99 12:45	1013.88	29.94	0.783	114.98	238.96	555.22			
4/4/99 13:00	1013.75	29.94	0.788	114.46	238.02	556.43	555.28		
4/4/99 13:15	1013.75	29.94	0.787	113.93	237.08	555.85			
4/4/99 13:30	1013.88	29.94	0.791	113.67	236.61	556.93			
4/4/99 13:45	1013.88	29.94	0.790	114.20	237.55	557.09			
4/4/99 14:00	1013.88	29.94	0.794	114.72	238.49	559.02	557.76		
4/4/99 14:15	1014.00	29.94	0.793	115.24	239.43	558.69			
4/4/99 14:30	1013.88	29.94	0.788	115.24	239.43	557.17			
4/4/99 14:45	1013.88	29.94	0.786	115.50	239.90	557.36			
4/4/99 15:00	1013.88	29.94	0.786	115.50	239.90	556.69	556.64		
4/4/99 15:15	1013.88	29.94	0.784	115.76	240.37	555.99			
4/4/99 15:30	1013.88	29.94	0.784	115.76	240.37	555.99			
4/4/99 15:45	1013.88	29.94	0.782	116.02	240.84	555.54			
4/4/99 16:00	1013.88	29.94	0.784	116.02	240.84	556.42	556.11		
4/4/99 16:15	1014.13	29.95	0.783	116.29	241.31	555.87			
4/4/99 16:30	1014.13	29.95	0.784	116.55	241.78	556.73			
4/4/99 16:45	1014.25	29.95	0.781	116.55	241.78	555.56			
4/4/99 17:00	1014.25	29.95	0.782	116.81	242.25	555.99	556.49		
4/4/99 17:15	1014.38	29.95	0.783	116.55	241.78	556.20			
4/4/99 17:30	1014.38	29.95	0.788	116.55	241.78	557.97			
4/4/99 17:45	1014.38	29.95	0.790	116.29	241.31	558.46			
4/4/99 18:00	1014.50	29.96	0.791	115.50	239.90	558.28	558.32		
4/4/99 18:15	1014.63	29.96	0.794	114.98	238.96	559.00			
4/4/99 18:30	1014.75	29.97	0.792	114.72	238.49	557.90			
4/4/99 18:45	1014.88	29.97	0.793	114.72	238.49	558.29			
4/4/99 19:00	1015.00	29.97	0.790	114.72	238.49	557.16	556.79		
4/4/99 19:15	1015.25	29.98	0.787	114.72	238.49	556.00			
4/4/99 19:30	1015.50	29.99	0.784	114.46	238.02	554.61			
4/4/99 19:45	1015.63	29.99	0.784	114.46	238.02	554.82			
4/4/99 20:00	1015.88	30.00	0.784	114.72	238.49	554.94	554.37		
4/4/99 20:15	1016.00	30.00	0.783	114.72	238.49	554.24			
4/4/99 20:30	1016.00	30.00	0.781	113.93	237.08	553.22			
4/4/99 20:45	1016.25	30.01	0.779	113.67	236.61	552.08			
4/4/99 21:00	1016.38	30.01	0.778	113.15	235.67	551.46	551.69		
4/4/99 21:15	1016.50	30.02	0.779	112.63	234.73	551.26			
4/4/99 21:30	1016.63	30.02	0.778	112.11	233.79	550.43			
4/4/99 21:45	1016.75	30.02	0.778	111.58	232.85	550.02			
4/4/99 22:00	1016.88	30.03	0.783	110.54	230.97	551.00	550.69		
4/4/99 22:15	1017.00	30.03	0.784	110.01	230.03	551.28			
4/4/99 22:30	1016.88	30.03	0.786	110.01	230.03	551.72			
4/4/99 22:45	1016.88	30.03	0.786	109.75	229.56	551.53			
4/4/99 23:00	1016.88	30.03	0.786	109.49	229.09	552.01	550.96		
4/4/99 23:15	1017.00	30.03	0.782	109.49	229.09	550.01			
4/4/99 23:30	1017.13	30.04	0.781	109.49	229.09	549.52			
4/4/99 23:45	1017.25	30.04	0.779	109.75	229.56	549.25			
4/5/99 0.00	1017.25	30.04	0.776	109.75	229.56	548.12	548.21		
4/5/99 0:15	1017.13	30.04	0.774	109.49	229.09	547.08			
4/5/99 0:30	1017.13	30.04	0.774	109.49	229.09	547.08			
4/5/99 0:45	1017.25	30.04	0.773	109.49	229.09	546.84			
4/5/99 1:00	1017.38	30.04	0.773	109.23	228.62	546.62	546.72		
4/5/99 1:15	1017.63	30.05	0.773	109.23	228.62	546.55			
4/5/99 1:30	1017.75	30.05	0.773	109.23	228.62	546.52			
4/5/99 1:45	1017.75	30.05	0.770	109.23	228.62	545.42			
4/5/99 2:00	1018.13	30.07	0.779	109.23	228.62	548.64	548.43		
4/5/99 2:15	1018.63	30.08	0.787	109.23	228.62	551.14			
4/5/99 2:30	1018.75	30.08	0.785	109.23	228.62	550.44			
4/5/99 2:45	1018.88	30.09	0.791	108.71	227.67	551.99			
4/5/99 3:00	1019.25	30.10	0.789	108.71	227.67	551.22	551.02		
4/5/99 3:15	1019.13	30.09	0.787	108.71	227.67	550.62			
4/5/99 3:30	1019.13	30.09	0.787	108.97	228.15	550.81			
4/5/99 3:45	1019.50	30.11	0.781	109.23	228.62	548.69			
4/5/99 4:00	1019.50	30.11	0.779	109.49	229.09	548.21	548.55		
4/5/99 4:15	1019.63	30.11	0.778	109.23	228.62	547.78			
4/5/99 4:30	1020.00	30.12	0.777	109.23	228.62	547.25			
4/5/99 4:45	1020.25	30.13	0.778	108.71	227.67	547.02			
4/5/99 5:00	1020.38	30.13	0.778	108.71	227.67	547.20	546.91		
4/5/99 5:15	1020.50	30.14	0.777	108.71	227.67	546.75			

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/5/99 5:30	1020.50	30.14	0.776	108.45	227.20	546.31			
4/5/99 5:45	1020.50	30.14	0.774	108.45	227.20	545.43			
4/5/99 6:00	1020.63	30.14	0.772	108.45	227.20	544.76	546.85		
4/5/99 6:15	1020.63	30.14	0.782	108.19	226.73	548.09			
4/5/99 6:30	1020.63	30.14	0.787	107.92	226.26	549.66			
4/5/99 6:45	1020.63	30.14	0.787	107.66	225.79	549.47			
4/5/99 7:00	1020.63	30.14	0.786	107.40	225.32	549.49	549.60		
4/5/99 7:15	1020.63	30.14	0.789	107.40	225.32	549.91			
4/5/99 7:30	1020.63	30.14	0.788	107.40	225.32	549.49			
4/5/99 7:45	1020.75	30.14	0.785	107.40	225.32	548.56			
4/5/99 8:00	1021.13	30.15	0.783	108.19	226.73	548.38	548.42		
4/5/99 8:15	1021.38	30.16	0.782	108.19	226.73	547.89			
4/5/99 8:30	1021.63	30.17	0.781	108.45	227.20	547.77			
4/5/99 8:45	1021.75	30.17	0.780	108.45	227.20	547.31			
4/5/99 9:00	1021.75	30.17	0.783	108.71	227.67	548.38	547.38		
4/5/99 9:15	1022.00	30.18	0.777	108.97	228.15	546.53			
4/5/99 9:30	1022.00	30.18	0.778	109.23	228.62	546.93			
4/5/99 9:45	1021.75	30.17	0.778	109.49	229.09	547.39			
4/5/99 10:00	1021.88	30.18	0.776	109.23	228.62	547.17	547.41		
4/5/99 10:15	1022.25	30.19	0.776	109.49	229.09	546.59			
4/5/99 10:30	1022.50	30.19	0.784	109.23	228.62	548.97			
4/5/99 10:45	1022.50	30.19	0.784	108.71	227.67	548.84			
4/5/99 11:00	1022.50	30.19	0.793	108.19	226.73	551.50	550.80		
4/5/99 11:15	1022.25	30.19	0.801	108.19	226.73	554.38			
4/5/99 11:30	1021.88	30.18	0.788	108.71	227.67	550.30			
4/5/99 11:45	1021.38	30.16	0.784	109.75	229.56	549.65			
4/5/99 12:00	1021.25	30.16	0.788	110.28	230.50	551.60	550.38		
4/5/99 12:15	1021.38	30.16	0.783	110.60	231.44	549.98			
4/5/99 12:30	1021.25	30.16	0.783	111.32	232.38	550.38			
4/5/99 12:45	1021.13	30.15	0.778	111.84	233.32	549.24			
4/5/99 13:00	1020.88	30.15	0.781	112.37	234.26	550.77	550.06		
4/5/99 13:15	1020.75	30.14	0.779	112.63	234.73	550.36			
4/5/99 13:30	1020.63	30.14	0.778	112.37	234.26	549.54			
4/5/99 13:45	1020.13	30.12	0.778	112.63	234.73	550.07			
4/5/99 14:00	1020.13	30.12	0.777	112.63	234.73	549.64	550.23		
4/5/99 14:15	1020.38	30.13	0.779	113.67	236.61	550.96			
4/5/99 14:30	1020.25	30.13	0.778	113.93	237.08	550.97			
4/5/99 14:45	1020.00	30.12	0.780	113.93	237.08	551.71			
4/5/99 15:00	1019.75	30.11	0.778	114.20	237.55	551.29	552.41		
4/5/99 15:15	1019.63	30.11	0.784	113.93	237.08	553.36			
4/5/99 15:30	1019.38	30.10	0.789	113.67	236.61	554.76			
4/5/99 15:45	1019.25	30.10	0.786	113.67	236.61	554.58			
4/5/99 16:00	1018.75	30.08	0.789	113.67	238.61	554.93	554.87		
4/5/99 16:15	1018.38	30.07	0.790	113.93	237.08	555.67			
4/5/99 16:30	1018.00	30.06	0.786	113.93	237.08	554.44			
4/5/99 16:45	1018.00	30.06	0.784	114.46	238.02	553.93			
4/5/99 17:00	1017.88	30.06	0.782	114.72	238.49	553.51	553.68		
4/5/99 17:15	1017.75	30.05	0.780	114.98	238.96	553.06			
4/5/99 17:30	1017.75	30.05	0.781	115.24	239.43	553.46			
4/5/99 17:45	1017.75	30.05	0.779	114.98	238.96	552.85			
4/5/99 18:00	1017.63	30.05	0.780	114.72	238.49	552.91	552.82		
4/5/99 18:15	1017.75	30.05	0.780	114.72	238.49	552.87			
4/5/99 18:30	1017.63	30.05	0.778	114.72	238.49	552.02			
4/5/99 18:45	1017.50	30.05	0.779	114.98	238.96	552.67			
4/5/99 19:00	1017.38	30.04	0.778	114.46	238.02	551.90	552.12		
4/5/99 19:15	1017.13	30.04	0.774	114.72	238.49	551.05			
4/5/99 19:30	1017.00	30.03	0.781	113.93	237.08	552.94			
4/5/99 19:45	1017.00	30.03	0.781	113.15	235.67	552.17			
4/5/99 20:00	1017.38	30.04	0.786	113.41	236.14	554.02	553.44		
4/5/99 20:15	1017.50	30.05	0.784	113.41	236.14	553.56			
4/5/99 20:30	1017.25	30.04	0.787	113.41	236.14	554.51			
4/5/99 20:45	1017.25	30.04	0.786	113.41	236.14	554.27			
4/5/99 21:00	1017.13	30.04	0.784	112.89	235.20	553.05	553.00		
4/5/99 21:15	1017.13	30.04	0.781	112.63	234.73	551.98			
4/5/99 21:30	1017.36	30.04	0.779	112.89	235.20	551.21			
4/5/99 21:45	1017.50	30.05	0.776	113.15	235.67	550.48			
4/5/99 22:00	1017.88	30.06	0.778	113.15	235.67	550.84	550.42		
4/5/99 22:15	1017.50	30.05	0.776	112.89	235.20	550.08			
4/5/99 22:30	1016.63	30.02	0.774	112.37	234.26	549.52			
4/5/99 22:45	1015.75	30.00	0.773	112.37	234.26	549.29			
4/5/99 23:00	1014.75	29.97	0.771	112.37	234.26	548.67	548.99		
4/5/99 23:15	1014.13	29.95	0.771	112.37	234.26	549.06			
4/5/99 23:30	1014.13	29.95	0.769	112.37	234.26	548.42			
4/5/99 23:45	1014.13	29.95	0.769	112.37	234.26	548.17			
4/6/99 0:00	1014.38	29.95	0.777	112.37	234.26	551.01	550.39		
4/6/99 0:15	1014.38	29.95	0.780	112.63	234.73	552.30			
4/6/99 0:30	1014.50	29.96	0.779	112.63	234.73	552.05			
4/6/99 0:45	1014.50	29.96	0.779	112.11	233.79	551.88			
4/6/99 1:00	1014.50	29.96	0.780	111.84	233.32	551.70	551.49		
4/6/99 1:15	1014.50	29.96	0.781	111.58	232.85	551.94			
4/6/99 1:30	1014.25	29.95	0.776	111.32	232.38	550.05			
4/6/99 1:45	1014.00	29.94	0.774	111.32	232.38	549.23			
4/6/99 2:00	1014.00	29.94	0.772	111.84	233.32	548.97	549.24		
4/6/99 2:15	1013.88	29.94	0.771	112.37	234.26	549.12			
4/6/99 2:30	1013.38	29.92	0.769	112.63	234.73	548.80			
4/6/99 2:45	1013.13	29.92	0.769	112.89	235.20	548.81			
4/6/99 3:00	1013.13	29.92	0.768	112.89	235.20	548.59	548.49		
4/6/99 3:15	1013.38	29.92	0.768	112.63	234.73	548.13			
4/6/99 3:30	1014.38	29.95	0.769	112.37	234.26	548.10			
4/6/99 3:45	1014.38	29.95	0.766	112.37	234.26	547.21			
4/6/99 4:00	1014.25	29.95	0.768	112.37	234.26	547.70	548.18		
4/6/99 4:15	1013.38	29.92	0.769	112.11	233.79	548.18			
4/6/99 4:30	1012.25	29.89	0.774	111.32	232.38	549.71			
4/6/99 4:45	1012.25	29.89	0.778	111.32	232.38	550.38			
4/6/99 5:00	1012.50	29.90	0.776	111.06	231.91	550.34	550.34		
4/6/99 5:15	1012.63	29.90	0.777	111.32	232.38	550.74			
4/6/99 5:30	1012.50	29.90	0.778	111.32	232.38	550.53			
4/6/99 5:45	1012.50	29.90	0.776	111.06	231.91	550.13			
4/6/99 6:00	1012.38	29.90	0.772	111.32	232.38	549.03	548.95		
4/6/99 6:15	1011.88	29.88	0.769	111.32	232.38	548.03			
4/6/99 6:30	1011.38	29.87	0.765	111.58	232.85	547.03			
4/6/99 6:45	1011.38	29.87	0.765	111.84	233.32	547.22			
4/6/99 7:00	1011.63	29.87	0.764	112.37	234.26	547.05	547.21		
4/6/99 7:15	1011.75	29.88	0.766	112.11	233.79	547.73			
4/6/99 7:30	1012.00	29.88	0.764	112.11	233.79	547.02			
4/6/99 7:45	1012.38	29.90	0.768	112.11	233.79	547.56			
4/6/99 8:00	1012.38	29.90	0.763	112.37	234.26	546.64	547.48		
4/6/99 8:15	1012.38	29.90	0.765	112.37	234.26	547.32			
4/6/99 8:30	1012.38	29.90	0.769	112.37	234.26	546.89			
4/6/99 8:45	1012.25	29.89	0.771	112.37	234.26	549.58			
4/6/99 9:00	1012.13	29.89	0.776	112.37	234.26	551.16	550.71		
4/6/99 9:15	1012.25	29.89	0.776	112.63	234.73	551.32			
4/6/99 9:30	1012.13	29.89	0.779	112.89	235.20	552.64			
4/6/99 9:45	1012.00	29.88	0.778	113.15	235.67	552.43			
4/6/99 10:00	1012.00	29.88	0.774	113.67	236.61	551.45	552.38		
4/6/99 10:15	1012.00	29.88	0.778	114.20	237.55	553.18			
4/6/99 10:30	1012.00	29.88	0.772	115.50	239.90	552.11			
4/6/99 10:45	1012.13	29.89	0.770	116.02	240.84	551.77			
4/6/99 11:00	1012.25	29.89	0.774	116.29	241.31	553.24	552.88		

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/6/99 11:15	1012.25	29.89	0.774	116.55	241.78	553.43			
4/6/99 11:30	1012.38	29.90	0.774	116.81	242.25	553.83			
4/6/99 11:45	1012.38	29.90	0.772	116.81	242.25	552.94			
4/6/99 12:00	1012.38	29.90	0.774	117.07	242.73	553.77	553.59		
4/6/99 12:15	1012.38	29.90	0.773	117.33	243.20	553.52			
4/6/99 12:30	1012.50	29.90	0.774	117.33	243.20	553.92			
4/6/99 12:45	1012.88	29.91	0.772	117.59	243.67	553.36			
4/6/99 13:00	1013.38	29.92	0.371	101.65	214.98	375.73	324.11		
4/6/99 13:15	1013.50	29.93	0.000	82.58	180.64	0.00			
4/6/99 13:30	1013.63	29.93	0.054	69.51	157.13	137.52			
4/6/99 13:45	1013.63	29.93	1.273	73.43	164.18	668.90			
4/6/99 14:00	1013.63	29.93	0.891	90.94	195.69	573.55	494.20		
4/6/99 14:15	1013.88	29.94	0.781	100.87	213.56	544.37			
4/6/99 14:30	1013.88	29.94	0.786	101.91	215.45	546.67			
4/6/99 14:45	1014.00	29.94	0.789	102.18	215.92	547.90			
4/6/99 15:00	1014.25	29.95	0.788	102.18	215.92	547.62	547.58		
4/6/99 15:15	1014.25	29.95	0.789	102.44	216.39	548.02			
4/6/99 15:30	1014.38	29.95	0.786	103.22	217.80	547.69			
4/6/99 15:45	1014.50	29.96	0.786	103.74	218.74	548.04			
4/6/99 16:00	1014.75	29.97	0.787	104.00	219.21	548.40	547.61		
4/6/99 16:15	1015.00	29.97	0.785	104.00	219.21	547.67			
4/6/99 16:30	1015.25	29.98	0.781	104.27	219.68	546.26			
4/6/99 16:45	1015.63	29.99	0.783	104.53	220.15	547.01			
4/6/99 17:00	1016.00	30.00	0.777	104.53	220.15	544.95	545.92		
4/6/99 17:15	1016.00	30.00	0.779	104.53	220.15	545.83			
4/6/99 17:30	1016.25	30.01	0.779	104.27	219.68	545.57			
4/6/99 17:45	1016.50	30.02	0.779	104.27	219.68	545.50			
4/6/99 18:00	1016.50	30.02	0.777	104.00	219.21	544.44	544.73		
4/6/99 18:15	1016.88	30.03	0.779	104.00	219.21	544.97			
4/6/99 18:30	1017.25	30.04	0.775	103.48	218.27	543.20			
4/6/99 18:45	1017.38	30.04	0.779	103.22	217.80	544.51			
4/6/99 19:00	1017.50	30.05	0.782	102.70	216.86	544.97	544.63		
4/6/99 19:15	1017.75	30.05	0.788	102.18	215.92	545.81			
4/6/99 19:30	1017.75	30.05	0.786	101.65	214.98	545.64			
4/6/99 19:45	1017.88	30.06	0.786	101.39	214.51	545.42			
4/6/99 20:00	1017.88	30.06	0.786	100.87	213.56	545.04	544.79		
4/6/99 20:15	1018.00	30.06	0.786	100.61	213.09	544.61			
4/6/99 20:30	1018.38	30.07	0.783	100.35	212.62	543.24			
4/6/99 20:45	1018.63	30.08	0.779	100.35	212.62	541.85			
4/6/99 21:00	1018.88	30.09	0.776	100.35	212.62	540.92	541.79		
4/6/99 21:15	1019.13	30.09	0.778	100.35	212.62	541.51			
4/6/99 21:30	1019.38	30.10	0.778	100.35	212.62	541.45			
4/6/99 21:45	1019.75	30.11	0.776	100.09	212.15	540.29			
4/6/99 22:00	1020.00	30.12	0.775	100.09	212.15	540.01	540.45		
4/6/99 22:15	1020.25	30.13	0.778	99.82	211.68	540.84			
4/6/99 22:30	1020.50	30.14	0.775	99.82	211.68	539.69			
4/6/99 22:45	1020.63	30.14	0.778	99.30	210.74	540.15			
4/6/99 23:00	1020.75	30.14	0.783	99.04	210.27	541.87	541.22		
4/6/99 23:15	1020.75	30.14	0.785	98.78	209.80	542.33			
4/6/99 23:30	1021.00	30.15	0.785	98.52	209.33	542.08			
4/6/99 23:45	1021.13	30.15	0.787	97.73	207.92	542.13			
4/7/99 0:00	1021.25	30.16	0.784	97.47	207.45	541.04	541.45		
4/7/99 0:15	1021.50	30.16	0.783	98.00	208.39	540.91			
4/7/99 0:30	1021.50	30.16	0.783	98.26	208.86	541.10			
4/7/99 0:45	1021.63	30.17	0.776	98.26	208.86	538.47			
4/7/99 1:00	1021.75	30.17	0.776	97.73	207.92	538.06	538.78		
4/7/99 1:15	1021.88	30.16	0.776	97.73	207.92	538.02			
4/7/99 1:30	1022.00	30.18	0.777	97.47	207.45	538.25			
4/7/99 1:45	1022.00	30.18	0.775	97.73	207.92	537.78			
4/7/99 2:00	1022.00	30.18	0.775	97.73	207.92	537.78	537.95		
4/7/99 2:15	1022.25	30.19	0.775	97.47	207.45	537.53			
4/7/99 2:30	1022.25	30.19	0.778	97.47	207.45	538.39			
4/7/99 2:45	1022.25	30.19	0.784	96.95	206.51	540.15			
4/7/99 3:00	1022.25	30.19	0.786	96.43	205.57	540.43	539.99		
4/7/99 3:15	1022.25	30.19	0.787	95.90	204.63	540.49			
4/7/99 3:30	1022.25	30.19	0.788	95.64	204.16	540.51			
4/7/99 3:45	1022.63	30.20	0.786	95.64	204.16	539.75			
4/7/99 4:00	1022.50	30.19	0.784	95.64	204.16	539.38	538.75		
4/7/99 4:15	1022.63	30.20	0.781	95.64	204.16	538.03			
4/7/99 4:30	1022.75	30.20	0.775	95.64	204.16	536.07			
4/7/99 4:45	1022.88	30.21	0.774	95.64	204.16	535.63			
4/7/99 5:00	1022.88	30.21	0.774	95.64	204.16	535.63	535.70		
4/7/99 5:15	1023.00	30.21	0.775	95.38	203.69	535.81			
4/7/99 5:30	1023.00	30.21	0.773	95.38	203.69	534.95			
4/7/99 5:45	1023.25	30.22	0.772	95.38	203.69	534.67			
4/7/99 6:00	1023.38	30.22	0.774	95.12	203.22	535.32	535.16		
4/7/99 6:15	1023.63	30.23	0.774	95.12	203.22	535.01			
4/7/99 6:30	1024.00	30.24	0.778	94.60	202.28	535.84			
4/7/99 6:45	1024.25	30.25	0.778	94.34	201.81	535.59			
4/7/99 7:00	1024.38	30.25	0.782	94.08	201.34	536.88	536.47		
4/7/99 7:15	1024.50	30.25	0.784	93.81	200.87	537.27			
4/7/99 7:30	1024.88	30.26	0.782	94.08	201.34	536.75			
4/7/99 7:45	1025.00	30.27	0.783	94.08	201.34	538.92			
4/7/99 8:00	1025.00	30.27	0.776	94.88	202.75	535.32	536.03		
4/7/99 8:15	1025.00	30.27	0.775	95.38	203.69	535.29			
4/7/99 8:30	1025.00	30.27	0.775	96.17	205.10	535.88			
4/7/99 8:45	1025.00	30.27	0.777	96.95	206.51	537.08			
4/7/99 9:00	1025.00	30.27	0.778	97.47	207.45	537.88	537.22		
4/7/99 9:15	1024.75	30.26	0.778	98.00	208.39	537.66			
4/7/99 9:30	1024.75	30.26	0.775	98.52	209.33	537.83			
4/7/99 9:45	1024.75	30.26	0.776	98.78	209.80	538.02			
4/7/99 10:00	1024.75	30.26	0.815	96.69	206.04	549.97	541.22		
4/7/99 10:15	1024.63	30.26	0.783	98.52	209.33	540.46			
4/7/99 10:30	1024.38	30.25	0.781	99.04	210.27	540.04			
4/7/99 10:45	1024.13	30.24	0.783	99.56	211.21	541.35			
4/7/99 11:00	1024.00	30.24	0.784	99.82	211.68	541.78	541.50		
4/7/99 11:15	1023.88	30.23	0.784	100.09	212.15	542.25			
4/7/99 11:30	1023.50	30.22	0.783	100.35	212.62	542.09			
4/7/99 11:45	1023.38	30.22	0.781	100.87	213.56	541.64			
4/7/99 12:00	1023.13	30.21	0.778	101.39	214.51	541.21	541.65		
4/7/99 12:15	1023.00	30.21	0.779	101.65	214.98	541.84			
4/7/99 12:30	1022.75	30.20	0.777	102.18	215.92	541.46			
4/7/99 12:45	1022.50	30.19	0.777	102.18	215.92	541.52			
4/7/99 13:00	1022.38	30.19	0.775	102.44	216.39	541.08	541.55		
4/7/99 13:15	1022.25	30.19	0.776	102.70	216.86	541.72			
4/7/99 13:30	1021.88	30.18	0.775	103.48	218.27	541.96			
4/7/99 13:45	1021.63	30.17	0.775	103.48	218.27	542.03			
4/7/99 14:00	1021.38	30.16	0.779	103.74	218.74	543.62	543.46		
4/7/99 14:15	1021.25	30.16	0.783	103.48	218.27	544.75			
4/7/99 14:30	1021.00	30.15	0.783	103.22	217.80	544.83			
4/7/99 14:45	1020.88	30.15	0.789	103.74	218.74	547.43			
4/7/99 15:00	1020.50	30.14	0.786	104.00	219.21	546.61	546.53		
4/7/99 15:15	1020.13	30.12	0.787	104.00	219.21	546.96			
4/7/99 15:30	1020.00	30.12	0.787	103.74	218.74	546.80			
4/7/99 15:45	1019.75	30.11	0.783	104.27	219.68	545.71			
4/7/99 16:00	1019.63	30.11	0.780	104.79	220.62	545.25	545.22		
4/7/99 16:15	1019.25	30.10	0.778	104.79	220.62	544.46			
4/7/99 16:30	1019.00	30.09	0.778	104.79	220.62	543.88			
4/7/99 16:45	1018.88	30.09	0.776	105.05	221.09	544.10			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/7/99 17:00	1018.63	30.08	0.774	105.57	222.03	544.12	544.24		
4/7/99 17:15	1018.38	30.07	0.776	105.31	221.56	544.42			
4/7/99 17:30	1018.25	30.07	0.776	105.31	221.56	544.67			
4/7/99 17:45	1018.00	30.06	0.773	104.79	220.62	543.06			
4/7/99 18:00	1018.00	30.06	0.776	104.79	220.62	544.15	544.78		
4/7/99 18:15	1017.75	30.05	0.781	104.27	219.68	545.80			
4/7/99 18:30	1017.50	30.05	0.783	104.00	219.21	546.13			
4/7/99 18:45	1017.25	30.04	0.786	103.74	218.74	547.30			
4/7/99 19:00	1017.25	30.04	0.781	103.48	218.27	545.36	546.27		
4/7/99 19:15	1017.13	30.04	0.784	103.74	218.74	546.46			
4/7/99 19:30	1016.88	30.03	0.783	103.74	218.74	546.11			
4/7/99 19:45	1016.75	30.02	0.782	103.74	218.74	545.93			
4/7/99 20:00	1016.38	30.01	0.775	103.22	217.80	543.24	543.71		
4/7/99 20:15	1016.13	30.01	0.771	102.70	216.86	541.39			
4/7/99 20:30	1016.00	30.00	0.772	102.70	216.86	541.86			
4/7/99 20:45	1015.88	30.00	0.771	102.70	216.86	541.86			
4/7/99 21:00	1015.88	30.00	0.769	102.44	216.39	540.84	541.00		
4/7/99 21:15	1015.88	30.00	0.768	102.44	216.39	540.39			
4/7/99 21:30	1015.75	30.00	0.768	102.18	215.92	540.23			
4/7/99 21:45	1015.88	30.00	0.767	101.91	215.45	539.59			
4/7/99 22:00	1016.00	30.00	0.765	101.91	215.45	538.89	540.29		
4/7/99 22:15	1015.88	30.00	0.774	100.87	213.56	541.22			
4/7/99 22:30	1015.75	30.00	0.776	100.35	212.62	541.54			
4/7/99 22:45	1015.38	29.98	0.775	99.82	211.68	541.05			
4/7/99 23:00	1015.00	29.97	0.775	99.30	210.74	540.77	540.96		
4/7/99 23:15	1014.63	29.96	0.775	99.30	210.74	540.87			
4/7/99 23:30	1014.75	29.97	0.774	99.56	211.21	540.57			
4/7/99 23:45	1015.00	29.97	0.769	99.56	211.21	539.00			
4/8/99 0:00	1015.13	29.98	0.765	99.30	210.74	537.24	538.10		
4/8/99 0:15	1015.25	29.98	0.763	99.30	210.74	536.54			
4/8/99 0:30	1015.00	29.97	0.763	100.09	212.15	537.17			
4/8/99 0:45	1015.00	29.97	0.767	100.09	212.15	538.50			
4/8/99 1:00	1014.88	29.97	0.764	100.09	212.15	537.68	537.49		
4/8/99 1:15	1014.75	29.97	0.763	100.09	212.15	537.02			
4/8/99 1:30	1014.50	29.96	0.763	100.09	212.15	537.09			
4/8/99 1:45	1014.50	29.96	0.761	99.82	211.68	536.44			
4/8/99 2:00	1014.25	29.95	0.769	99.04	210.27	538.82	538.26		
4/8/99 2:15	1014.00	29.94	0.771	98.78	209.80	539.12			
4/8/99 2:30	1013.88	29.94	0.773	98.52	209.33	539.84			
4/8/99 2:45	1013.75	29.94	0.771	98.26	208.86	539.02			
4/8/99 3:00	1013.75	29.94	0.771	98.26	208.86	539.02	538.83		
4/8/99 3:15	1013.75	29.94	0.770	98.52	209.33	538.79			
4/8/99 3:30	1013.63	29.93	0.766	98.52	209.33	537.49			
4/8/99 3:45	1013.63	29.93	0.764	98.78	209.80	536.80			
4/8/99 4:00	1013.63	29.93	0.764	99.04	210.27	536.99	536.47		
4/8/99 4:15	1013.75	29.94	0.761	98.78	209.80	535.68			
4/8/99 4:30	1014.00	29.94	0.759	99.04	210.27	535.38			
4/8/99 4:45	1013.88	29.94	0.760	99.30	210.74	535.81			
4/8/99 5:00	1013.75	29.94	0.759	99.30	210.74	535.36	535.33		
4/8/99 5:15	1013.63	29.93	0.760	99.04	210.27	535.69			
4/8/99 5:30	1013.75	29.94	0.757	98.78	209.80	534.37			
4/8/99 5:45	1014.00	29.94	0.764	98.78	209.80	536.70			
4/8/99 6:00	1014.25	29.95	0.768	98.26	208.86	537.59	537.35		
4/8/99 6:15	1014.38	29.95	0.770	98.52	209.33	538.62			
4/8/99 6:30	1014.50	29.96	0.773	98.52	209.33	539.46			
4/8/99 6:45	1014.50	29.96	0.773	98.52	209.33	539.67			
4/8/99 7:00	1014.63	29.96	0.770	98.26	208.86	538.37	538.47		
4/8/99 7:15	1014.75	29.97	0.769	98.26	208.86	537.88			
4/8/99 7:30	1014.88	29.97	0.768	98.26	208.86	538.97			
4/8/99 7:45	1014.88	29.97	0.763	98.78	209.80	538.26			
4/8/99 8:00	1015.13	29.98	0.763	99.04	210.27	538.38	538.69		
4/8/99 8:15	1015.25	29.98	0.764	99.82	211.68	537.13			
4/8/99 8:30	1015.13	29.98	0.764	100.61	213.09	537.72			
4/8/99 8:45	1015.00	29.97	0.762	101.39	214.51	537.68			
4/8/99 9:00	1014.88	29.97	0.764	101.91	215.45	536.73	538.31		
4/8/99 9:15	1014.88	29.97	0.764	102.18	215.92	538.91			
4/8/99 9:30	1014.88	29.97	0.763	102.18	215.92	538.49			
4/8/99 9:45	1014.75	29.97	0.806	100.35	212.62	552.19			
4/8/99 10:00	1014.63	29.96	0.771	102.70	216.86	541.79	543.85		
4/8/99 10:15	1014.38	29.95	0.773	103.22	217.80	542.90			
4/8/99 10:30	1014.38	29.95	0.774	104.00	219.21	543.88			
4/8/99 10:45	1014.50	29.96	0.775	104.27	219.68	544.50			
4/8/99 11:00	1014.50	29.96	0.775	104.53	220.15	544.66	544.53		
4/8/99 11:15	1014.38	29.95	0.774	104.79	220.62	544.45			
4/8/99 11:30	1014.25	29.95	0.775	105.05	221.09	545.13			
4/8/99 11:45	1014.25	29.95	0.775	105.57	222.03	545.50			
4/8/99 12:00	1014.00	29.94	0.769	105.83	222.50	543.54	544.27		
4/8/99 12:15	1014.00	29.94	0.769	106.62	223.91	544.35			
4/8/99 12:30	1013.75	29.94	0.764	106.88	224.38	542.83			
4/8/99 12:45	1013.50	29.93	0.766	106.88	224.38	544.00			
4/8/99 13:00	1013.25	29.92	0.767	107.14	224.85	544.04	543.74		
4/8/99 13:15	1012.88	29.91	0.766	107.40	225.32	544.08			
4/8/99 13:30	1012.63	29.90	0.766	107.14	224.85	543.74			
4/8/99 13:45	1012.50	29.90	0.764	107.66	225.79	543.72			
4/8/99 14:00	1012.25	29.89	0.763	107.40	225.32	542.93	546.35		
4/8/99 14:15	1012.13	29.89	0.767	107.14	224.85	544.34			
4/8/99 14:30	1011.88	29.86	0.806	105.83	222.50	557.01			
4/8/99 14:45	1011.50	29.87	0.775	107.14	224.85	547.37			
4/8/99 15:00	1011.25	29.86	0.773	107.14	224.85	548.77	549.10		
4/8/99 15:15	1010.88	29.85	0.773	107.14	224.85	546.66			
4/8/99 15:30	1010.63	29.84	0.773	108.19	226.73	547.69			
4/8/99 15:45	1010.38	29.84	0.774	107.40	225.32	547.41			
4/8/99 16:00	1010.38	29.84	0.771	106.88	224.38	545.93	545.95		
4/8/99 16:15	1010.38	29.84	0.766	107.14	224.85	544.56			
4/8/99 16:30	1010.25	29.83	0.764	107.40	225.32	544.14			
4/8/99 16:45	1010.00	29.83	0.763	107.40	225.32	543.75			
4/8/99 17:00	1009.75	29.82	0.764	107.40	225.32	544.03	544.03		
4/8/99 17:15	1009.38	29.81	0.763	107.92	226.26	544.29			
4/8/99 17:30	1008.75	29.79	0.761	108.45	227.20	543.94			
4/8/99 17:45	1008.50	29.78	0.759	108.19	226.73	543.39			
4/8/99 18:00	1008.00	29.77	0.761	108.45	227.20	544.14	543.76		
4/8/99 18:15	1007.63	29.76	0.761	107.92	226.26	543.87			
4/8/99 18:30	1007.25	29.74	0.759	108.19	226.73	543.47			
4/8/99 18:45	1007.13	29.74	0.764	107.40	225.32	544.99			
4/8/99 19:00	1007.13	29.74	0.768	106.88	224.38	545.93	545.01		
4/8/99 19:15	1006.88	29.73	0.767	106.36	223.44	545.19			
4/8/99 19:30	1006.75	29.73	0.766	106.10	222.97	545.47			
4/8/99 19:45	1006.75	29.73	0.767	105.83	222.50	544.85			
4/8/99 20:00	1007.00	29.74	0.768	105.83	222.50	545.00	544.57		
4/8/99 20:15	1007.13	29.74	0.766	105.57	222.03	544.31			
4/8/99 20:30	1007.00	29.74	0.763	105.57	222.03	543.25			
4/8/99 20:45	1006.75	29.73	0.759	105.83	222.50	542.18			
4/8/99 21:00	1006.50	29.72	0.759	105.83	222.50	542.00	542.14		
4/8/99 21:15	1006.50	29.72	0.759	105.83	222.50	542.00			
4/8/99 21:30	1006.50	29.72	0.756	106.10	222.97	541.29			
4/8/99 21:45	1006.25	29.71	0.754	106.10	222.97	540.71			
4/8/99 22:00	1006.00	29.71	0.753	105.83	222.50	540.13	540.47		
4/8/99 22:15	1005.75	29.70	0.754	105.83	222.50	540.41			
4/8/99 22:30	1005.63	29.70	0.752	105.83	222.50	539.80			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/8/99 22:45	1005.63	29.70	0.758	105.63	222.50	541.13			
4/8/99 23:00	1005.63	29.70	0.759	105.57	222.03	542.05	542.01		
4/8/99 23:15	1005.13	29.68	0.764	105.05	221.09	543.59			
4/8/99 23:30	1004.75	29.67	0.764	104.79	220.62	543.50			
4/8/99 23:45	1004.25	29.66	0.765	104.79	220.62	544.10			
4/9/99 0:00	1003.88	29.64	0.764	104.79	220.62	543.74	543.24		
4/9/99 0:15	1003.50	29.63	0.761	104.79	220.62	542.95			
4/9/99 0:30	1003.25	29.63	0.758	104.79	220.62	541.91			
4/9/99 0:45	1003.13	29.62	0.756	105.05	221.09	541.24			
4/9/99 1:00	1002.75	29.61	0.753	105.31	221.56	540.41	540.80		
4/9/99 1:15	1002.50	29.60	0.753	105.05	221.09	540.51			
4/9/99 1:30	1002.13	29.59	0.751	105.31	221.56	539.90			
4/9/99 1:45	1001.25	29.57	0.748	105.31	221.56	539.24			
4/9/99 2:00	1000.63	29.55	0.748	105.31	221.56	539.40	539.38		
4/9/99 2:15	1000.38	29.54	0.748	105.31	221.56	538.79			
4/9/99 2:30	1000.00	29.53	0.748	105.31	221.56	539.57			
4/9/99 2:45	999.50	29.52	0.748	105.31	221.56	539.49			
4/9/99 3:00	999.25	29.51	0.753	104.79	220.62	540.99	540.70		
4/9/99 3:15	999.00	29.50	0.754	104.53	220.15	541.30			
4/9/99 3:30	998.50	29.49	0.756	104.27	219.68	542.14			
4/9/99 3:45	998.00	29.47	0.756	104.27	219.68	542.28			
4/9/99 4:00	997.50	29.46	0.755	104.53	220.15	542.17	542.04		
4/9/99 4:15	997.63	29.46	0.755	104.53	220.15	542.14			
4/9/99 4:30	997.50	29.46	0.753	104.53	220.15	541.49			
4/9/99 4:45	997.63	29.46	0.750	105.05	221.09	540.71			
4/9/99 5:00	997.63	29.46	0.746	105.57	222.03	540.40	540.33		
4/9/99 5:15	997.25	29.45	0.748	105.05	221.09	540.13			
4/9/99 5:30	997.00	29.44	0.745	104.79	220.62	538.89			
4/9/99 5:45	997.13	29.45	0.744	104.79	220.62	538.39			
4/9/99 6:00	997.00	29.44	0.743	104.79	220.62	537.99	538.07		
4/9/99 6:15	996.88	29.44	0.742	104.79	220.62	537.80			
4/9/99 6:30	997.00	29.44	0.741	104.79	220.62	537.30			
4/9/99 6:45	996.88	29.44	0.741	104.79	220.62	537.33			
4/9/99 7:00	997.00	29.44	0.744	104.27	219.68	538.30	538.56		
4/9/99 7:15	997.00	29.44	0.749	104.00	219.21	539.67			
4/9/99 7:30	996.88	29.44	0.751	103.74	218.74	540.20			
4/9/99 7:45	996.75	29.43	0.754	103.74	218.74	541.35			
4/9/99 8:00	996.63	29.43	0.753	103.74	218.74	541.17	540.71		
4/9/99 8:15	996.50	29.43	0.752	103.74	218.74	540.77			
4/9/99 8:30	996.38	29.42	0.749	104.00	219.21	540.09			
4/9/99 8:45	996.25	29.42	0.744	104.27	219.68	538.50			
4/9/99 9:00	995.88	29.41	0.744	104.79	220.62	538.72	538.98		
4/9/99 9:15	995.63	29.40	0.742	104.79	220.62	538.14			
4/9/99 9:30	995.63	29.40	0.744	105.31	221.56	539.42			
4/9/99 9:45	995.38	29.39	0.738	105.83	222.50	537.57			
4/9/99 10:00	995.00	29.38	0.741	106.10	222.97	538.98	538.69		
4/9/99 10:15	994.38	29.36	0.740	106.10	222.97	538.72			
4/9/99 10:30	993.75	29.35	0.739	106.62	223.91	538.78			
4/9/99 10:45	994.00	29.35	0.738	106.88	224.38	538.46			
4/9/99 11:00	995.13	29.39	0.745	106.10	222.97	540.33	539.56		
4/9/99 11:15	995.50	29.40	0.746	105.31	221.56	539.89			
4/9/99 11:30	995.88	29.41	0.748	104.79	220.62	540.32			
4/9/99 11:45	995.88	29.41	0.752	104.79	220.62	541.69			
4/9/99 12:00	996.25	29.42	0.749	104.79	220.62	540.68	541.37		
4/9/99 12:15	996.63	29.43	0.753	105.57	222.03	542.48			
4/9/99 12:30	996.88	29.44	0.751	105.83	222.50	541.69			
4/9/99 12:45	997.00	29.44	0.747	106.62	223.91	540.88			
4/9/99 13:00	997.50	29.46	0.748	106.88	224.38	541.15	540.73		
4/9/99 13:15	997.88	29.47	0.747	106.62	223.91	540.64			
4/9/99 13:30	998.13	29.47	0.744	106.10	222.97	539.30			
4/9/99 13:45	998.38	29.48	0.745	105.83	222.50	539.28			
4/9/99 14:00	998.50	29.49	0.747	105.83	222.50	539.92	539.22		
4/9/99 14:15	998.75	29.49	0.745	105.83	222.50	539.16			
4/9/99 14:30	998.75	29.49	0.743	105.83	222.50	538.47			
4/9/99 14:45	998.88	29.50	0.746	106.10	222.97	539.75			
4/9/99 15:00	999.38	29.51	0.751	105.57	222.03	541.05	540.63		
4/9/99 15:15	999.88	29.53	0.755	104.79	220.62	541.72			
4/9/99 15:30	1000.00	29.53	0.757	104.53	220.15	542.18			
4/9/99 15:45	1000.38	29.54	0.756	104.53	220.15	541.61			
4/9/99 16:00	1000.75	29.55	0.757	104.53	220.15	541.97	541.25		
4/9/99 16:15	1000.88	29.56	0.754	104.27	219.68	540.60			
4/9/99 16:30	1001.13	29.56	0.752	104.27	219.68	539.89			
4/9/99 16:45	1001.38	29.57	0.750	104.53	220.15	539.33			
4/9/99 17:00	1001.75	29.58	0.749	104.53	220.15	539.01	539.02		
4/9/99 17:15	1002.00	29.59	0.749	104.53	220.15	538.69			
4/9/99 17:30	1002.38	29.60	0.748	104.53	220.15	538.16			
4/9/99 17:45	1002.63	29.61	0.746	104.27	219.88	537.22			
4/9/99 18:00	1002.88	29.61	0.746	104.00	219.21	537.19	537.11		
4/9/99 18:15	1003.13	29.62	0.746	104.00	219.21	536.90			
4/9/99 18:30	1003.63	29.64	0.744	104.00	219.21	536.08			
4/9/99 18:45	1004.38	29.66	0.750	102.96	217.33	537.40			
4/9/99 19:00	1005.00	29.68	0.753	101.91	215.45	537.38	537.01		
4/9/99 19:15	1005.50	29.69	0.753	101.13	214.04	536.90			
4/9/99 19:30	1006.13	29.71	0.756	100.35	212.82	537.28			
4/9/99 19:45	1006.50	29.72	0.756	99.82	211.88	536.60			
4/9/99 20:00	1006.75	29.73	0.754	99.30	210.74	535.47	535.85		
4/9/99 20:15	1007.13	29.74	0.755	99.30	210.74	535.83			
4/9/99 20:30	1007.63	29.76	0.749	99.56	211.21	533.90			
4/9/99 20:45	1007.88	29.76	0.749	99.82	211.88	534.02			
4/9/99 21:00	1008.38	29.78	0.749	100.09	212.15	533.82	533.95		
4/9/99 21:15	1008.75	29.79	0.749	100.09	212.15	533.97			
4/9/99 21:30	1009.25	29.80	0.750	100.09	212.15	534.05			
4/9/99 21:45	1009.63	29.81	0.748	100.09	212.15	533.28			
4/9/99 22:00	1010.00	29.83	0.746	100.35	212.82	532.69	533.11		
4/9/99 22:15	1010.36	29.84	0.748	99.56	211.21	531.81			
4/9/99 22:30	1010.63	29.84	0.751	99.82	211.88	533.72			
4/9/99 22:45	1011.00	29.85	0.755	99.04	210.27	534.82			
4/9/99 23:00	1011.25	29.86	0.758	98.78	209.80	535.46	535.17		
4/9/99 23:15	1011.63	29.87	0.761	99.04	210.27	536.43			
4/9/99 23:30	1011.63	29.87	0.759	98.52	209.33	535.63			
4/9/99 23:45	1011.50	29.87	0.761	98.26	208.86	536.11			
4/10/99 0:00	1011.63	29.87	0.760	99.04	210.27	536.22	535.16		
4/10/99 0:15	1011.75	29.88	0.754	99.04	210.27	533.96			
4/10/99 0:30	1012.00	29.88	0.754	99.04	210.27	533.89			
4/10/99 0:45	1012.13	29.89	0.751	99.30	210.74	532.95			
4/10/99 1:00	1012.25	29.89	0.751	99.30	210.74	533.13	533.06		
4/10/99 1:15	1012.50	29.90	0.749	99.30	210.74	532.17			
4/10/99 1:30	1012.63	29.90	0.752	99.30	210.74	533.26			
4/10/99 1:45	1012.75	29.91	0.749	99.30	210.74	532.11			
4/10/99 2:00	1013.00	29.91	0.749	99.30	210.74	532.04	532.93		
4/10/99 2:15	1013.00	29.91	0.749	99.56	211.21	532.23			
4/10/99 2:30	1012.88	29.91	0.757	99.30	210.74	534.96			
4/10/99 2:45	1013.13	29.92	0.759	98.78	209.80	535.17			
4/10/99 3:00	1013.25	29.92	0.762	99.04	210.27	536.46	535.85		
4/10/99 3:15	1013.38	29.92	0.762	98.52	209.33	536.05			
4/10/99 3:30	1013.50	29.93	0.762	99.30	210.74	538.58			
4/10/99 3:45	1013.50	29.93	0.761	98.26	208.86	535.37			
4/10/99 4:00	1013.63	29.93	0.757	98.78	209.80	534.41	534.67		
4/10/99 4:15	1013.75	29.94	0.756	99.04	210.27	534.10			

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/23/99 7:15	1016.63	30.02	0.671	117.85	244.14	515.22			
8/23/99 7:30	1016.63	30.02	0.674	118.12	244.61	516.62			
8/23/99 7:45	1016.75	30.02	0.676	118.12	244.61	517.28			
8/23/99 8:00	1016.68	30.03	0.674	118.12	244.61	516.56	520.63		
8/23/99 8:15	1016.68	30.03	0.732	115.24	239.43	536.15			
8/23/99 8:30	1017.00	30.03	0.673	116.90	246.02	516.54			
8/23/99 8:45	1017.00	30.03	0.675	119.94	247.90	517.96			
8/23/99 9:00	1017.00	30.03	0.674	120.21	248.37	517.63	518.13		
8/23/99 9:15	1016.88	30.03	0.676	120.99	249.78	519.14			
8/23/99 9:30	1017.00	30.03	0.677	120.99	249.78	519.38			
8/23/99 9:45	1017.13	30.04	0.680	120.99	249.78	520.53			
8/23/99 10:00	1017.00	30.03	0.678	121.51	250.72	519.95	520.23		
8/23/99 10:15	1017.00	30.03	0.678	121.77	251.19	520.35			
8/23/99 10:30	1017.00	30.03	0.679	122.30	252.13	520.93			
8/23/99 10:45	1017.00	30.03	0.678	122.56	252.60	520.87			
8/23/99 11:00	1017.00	30.03	0.678	122.82	253.07	521.04	521.34		
8/23/99 11:15	1017.00	30.03	0.680	123.08	253.54	521.94			
8/23/99 11:30	1016.88	30.03	0.679	123.34	254.01	521.92			
8/23/99 11:45	1016.75	30.02	0.679	123.60	254.48	522.12			
8/23/99 12:00	1016.63	30.02	0.681	124.39	255.90	523.13	522.95		
8/23/99 12:15	1016.38	30.01	0.683	124.39	255.90	523.92			
8/23/99 12:30	1016.13	30.01	0.681	124.65	256.37	523.66			
8/23/99 12:45	1015.88	30.00	0.682	125.43	257.78	524.51			
8/23/99 13:00	1015.75	30.00	0.682	125.69	258.25	524.71	524.50		
8/23/99 13:15	1015.63	29.99	0.682	125.95	258.72	524.92			
8/23/99 13:30	1015.50	29.99	0.681	125.95	258.72	524.68			
8/23/99 13:45	1015.38	29.98	0.682	126.48	259.66	525.33			
8/23/99 14:00	1015.38	29.98	0.682	127.00	260.60	525.87	525.38		
8/23/99 14:15	1015.13	29.98	0.680	127.00	260.60	525.00			
8/23/99 14:30	1014.75	29.97	0.683	127.26	261.07	526.23			
8/23/99 14:45	1014.38	29.95	0.683	127.52	261.54	526.73			
8/23/99 15:00	1014.13	29.95	0.681	127.52	261.54	526.07	526.56		
8/23/99 15:15	1014.00	29.94	0.682	128.04	262.48	526.71			
8/23/99 15:30	1013.88	29.94	0.683	127.78	262.01	527.04			
8/23/99 15:45	1013.63	29.93	0.681	128.31	262.95	526.48			
8/23/99 16:00	1013.50	29.93	0.682	128.04	262.48	526.84	526.63		
8/23/99 16:15	1013.25	29.92	0.682	127.78	262.01	526.73			
8/23/99 16:30	1013.00	29.91	0.680	127.78	262.01	526.07			
8/23/99 16:45	1012.75	29.91	0.679	127.78	262.01	525.63			
8/23/99 17:00	1012.63	29.90	0.681	128.04	262.48	526.57	526.87		
8/23/99 17:15	1012.50	29.90	0.684	128.04	262.48	527.80			
8/23/99 17:30	1012.38	29.90	0.684	128.31	262.95	528.27			
8/23/99 17:45	1012.25	29.89	0.681	128.04	262.48	526.66			
8/23/99 18:00	1012.13	29.89	0.681	128.04	262.48	526.70	526.64		
8/23/99 18:15	1012.25	29.89	0.678	127.52	261.54	525.35			
8/23/99 18:30	1012.25	29.89	0.681	127.00	260.60	526.21			
8/23/99 18:45	1012.13	29.89	0.682	127.26	261.07	526.68			
8/23/99 19:00	1012.00	29.88	0.681	126.74	260.13	525.87	526.06		
8/23/99 19:15	1012.00	29.88	0.680	126.48	259.66	525.47			
8/23/99 19:30	1011.88	29.88	0.682	126.22	259.19	526.06			
8/23/99 19:45	1011.88	29.88	0.682	126.22	259.19	526.06			
8/23/99 20:00	1011.75	29.88	0.679	125.43	257.78	524.61	525.23		
8/23/99 20:15	1011.75	29.88	0.681	125.17	257.31	524.90			
8/23/99 20:30	1011.88	29.88	0.681	124.65	256.37	524.53			
8/23/99 20:45	1011.88	29.88	0.678	124.13	255.43	523.22			
8/23/99 21:00	1012.00	29.88	0.679	124.65	256.37	523.78	523.87		
8/23/99 21:15	1012.13	29.89	0.681	124.39	255.90	524.29			
8/23/99 21:30	1012.13	29.89	0.679	124.39	255.90	523.56			
8/23/99 21:45	1012.38	29.90	0.681	124.39	255.90	524.23			
8/23/99 22:00	1012.50	29.90	0.677	124.39	255.90	522.77	523.20		
8/23/99 22:15	1012.50	29.90	0.676	124.13	255.43	522.32			
8/23/99 22:30	1012.38	29.90	0.679	123.86	254.95	523.15			
8/23/99 22:45	1012.38	29.90	0.679	123.60	254.48	522.98			
8/23/99 23:00	1012.50	29.90	0.678	123.60	254.48	522.71	522.70		
8/23/99 23:15	1012.25	29.89	0.678	123.08	253.54	522.43			
8/23/99 23:30	1012.13	29.89	0.678	123.08	253.54	522.24			
8/23/99 23:45	1012.00	29.88	0.678	123.08	253.54	522.27			
8/24/99 0:00	1011.88	29.88	0.676	123.08	253.54	521.80	522.15		
8/24/99 0:15	1011.75	29.88	0.678	123.08	253.54	522.33			
8/24/99 0:30	1011.75	29.88	0.677	123.08	253.54	522.10			
8/24/99 0:45	1011.75	29.88	0.679	123.08	253.54	522.79			
8/24/99 1:00	1011.75	29.88	0.678	123.34	254.01	522.74	522.33		
8/24/99 1:15	1012.00	29.88	0.676	123.34	254.01	521.94			
8/24/99 1:30	1011.88	29.88	0.677	123.08	253.54	522.07			
8/24/99 1:45	1011.88	29.88	0.676	123.08	253.54	521.57			
8/24/99 2:00	1011.75	29.88	0.678	123.08	253.54	522.56	521.88		
8/24/99 2:15	1011.50	29.87	0.676	122.82	253.07	521.49			
8/24/99 2:30	1011.50	29.87	0.676	122.82	253.07	521.72			
8/24/99 2:45	1011.38	29.87	0.676	122.82	253.07	521.76			
8/24/99 3:00	1011.13	29.86	0.678	122.82	253.07	522.32	521.81		
8/24/99 3:15	1011.00	29.85	0.676	122.82	253.07	521.62			
8/24/99 3:30	1010.88	29.85	0.676	122.82	253.07	521.65			
8/24/99 3:45	1010.75	29.85	0.676	122.82	253.07	521.68			
8/24/99 4:00	1010.63	29.84	0.676	122.82	253.07	521.95	521.40		
8/24/99 4:15	1010.50	29.84	0.675	122.56	252.60	521.35			
8/24/99 4:30	1010.50	29.84	0.673	122.56	252.60	520.38			
8/24/99 4:45	1010.50	29.84	0.675	122.56	252.60	521.35			
8/24/99 5:00	1010.50	29.84	0.674	122.56	252.60	521.11	520.57		
8/24/99 5:15	1010.50	29.84	0.673	122.30	252.13	520.21			
8/24/99 5:30	1010.50	29.84	0.672	122.03	251.66	519.80			
8/24/99 5:45	1010.50	29.84	0.672	122.03	251.66	519.80			
8/24/99 6:00	1010.50	29.84	0.674	122.03	251.66	520.77	520.39		
8/24/99 6:15	1010.88	29.85	0.676	122.03	251.66	521.37			
8/24/99 6:30	1011.00	29.85	0.674	121.77	251.19	520.20			
8/24/99 6:45	1011.13	29.86	0.673	121.77	251.19	519.94			
8/24/99 7:00	1011.25	29.86	0.673	121.77	251.19	519.67	520.03		
8/24/99 7:15	1011.25	29.86	0.674	121.77	251.19	520.13			
8/24/99 7:30	1011.50	29.87	0.675	121.25	250.25	520.23			
8/24/99 7:45	1011.50	29.87	0.675	121.25	250.25	520.23			
8/24/99 8:00	1011.63	29.87	0.674	121.51	250.72	520.14	520.07		
8/24/99 8:15	1011.75	29.88	0.674	121.51	250.72	519.83			
8/24/99 8:30	1012.00	29.88	0.674	121.77	251.19	519.94			
8/24/99 8:45	1012.25	29.89	0.678	121.77	251.19	521.34			
8/24/99 9:00	1012.38	29.90	0.674	121.77	251.19	520.12	520.58		
8/24/99 9:15	1012.25	29.89	0.675	121.77	251.19	520.38			
8/24/99 9:30	1012.13	29.89	0.677	121.77	251.19	521.14			
8/24/99 9:45	1012.25	29.89	0.674	121.77	251.19	520.15			
8/24/99 10:00	1012.38	29.90	0.676	121.77	251.19	521.31	520.60		
8/24/99 10:15	1012.50	29.90	0.676	121.77	251.19	520.55			
8/24/99 10:30	1012.75	29.91	0.674	121.51	250.72	519.65			
8/24/99 10:45	1012.88	29.91	0.676	121.51	250.72	520.51			
8/24/99 11:00	1013.00	29.91	0.674	120.99	249.78	519.44	519.70		
8/24/99 11:15	1012.75	29.91	0.673	120.47	248.84	518.66			
8/24/99 11:30	1012.63	29.90	0.676	120.73	249.31	520.06			
8/24/99 11:45	1012.38	29.90	0.674	120.99	249.78	519.60			
8/24/99 12:00	1012.38	29.90	0.674	120.99	249.78	519.33	519.41		
8/24/99 12:15	1012.38	29.90	0.673	120.99	249.78	518.87			
8/24/99 12:30	1012.50	29.90	0.674	120.47	248.84	519.22			
8/24/99 12:45	1012.50	29.90	0.674	120.73	249.31	519.13			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/22/99 1:30	1018.88	30.09	0.678	119.68	247.43	518.50			
8/22/99 1:45	1018.88	30.09	0.677	119.66	247.43	518.04			
8/22/99 2:00	1018.88	30.09	0.681	119.16	246.49	519.11	518.02		
8/22/99 2:15	1018.88	30.09	0.676	119.16	246.49	517.43			
8/22/99 2:30	1018.88	30.09	0.676	118.90	246.02	517.02			
8/22/99 2:45	1018.88	30.09	0.679	119.16	246.49	518.36			
8/22/99 3:00	1016.75	30.08	0.676	118.90	246.02	517.29	517.33		
8/22/99 3:15	1018.63	30.08	0.677	118.38	245.08	517.24			
8/22/99 3:30	1018.63	30.08	0.676	118.38	245.08	516.74			
8/22/99 3:45	1018.63	30.08	0.676	118.12	244.61	516.60			
8/22/99 4:00	1018.63	30.08	0.677	118.12	244.61	517.07	517.01		
8/22/99 4:15	1018.63	30.08	0.678	117.65	244.14	517.12			
8/22/99 4:30	1018.75	30.08	0.676	117.85	244.14	517.32			
8/22/99 4:45	1018.88	30.09	0.678	117.59	243.67	517.12			
8/22/99 5:00	1019.00	30.09	0.676	117.33	243.20	516.19	516.34		
8/22/99 5:15	1019.00	30.09	0.674	117.33	243.20	515.50			
8/22/99 5:30	1019.00	30.09	0.675	117.07	242.73	515.56			
8/22/99 5:45	1019.13	30.09	0.677	117.07	242.73	516.25			
8/22/99 6:00	1019.13	30.09	0.674	116.81	242.26	514.86	515.65		
8/22/99 6:15	1019.00	30.09	0.674	116.81	242.26	515.15			
8/22/99 6:30	1019.13	30.09	0.677	117.33	243.20	516.42			
8/22/99 6:45	1019.13	30.09	0.676	116.81	242.26	515.61			
8/22/99 7:00	1019.38	30.10	0.674	116.55	241.79	514.89	515.44		
8/22/99 7:15	1019.50	30.11	0.676	116.81	242.26	515.49			
8/22/99 7:30	1019.50	30.11	0.674	116.55	241.79	514.59			
8/22/99 7:45	1019.63	30.11	0.678	116.55	241.79	516.01			
8/22/99 8:00	1019.75	30.11	0.676	116.81	242.26	516.15	515.93		
8/22/99 8:15	1019.88	30.12	0.677	117.59	243.67	516.41			
8/22/99 8:30	1019.75	30.11	0.676	118.12	244.61	516.51			
8/22/99 8:45	1019.75	30.11	0.679	118.90	246.02	518.25			
8/22/99 9:00	1019.88	30.12	0.678	119.42	246.96	518.07	517.95		
8/22/99 9:15	1019.88	30.12	0.679	119.68	247.43	518.74			
8/22/99 9:30	1019.88	30.12	0.678	119.94	247.90	518.19			
8/22/99 9:45	1019.88	30.12	0.679	120.73	249.31	519.43			
8/22/99 10:00	1019.88	30.12	0.679	121.51	250.72	519.94	519.85		
8/22/99 10:15	1019.75	30.11	0.680	121.77	251.19	520.38			
8/22/99 10:30	1019.63	30.11	0.682	122.03	251.66	521.31			
8/22/99 10:45	1019.63	30.11	0.680	122.56	252.60	520.93			
8/22/99 11:00	1019.63	30.11	0.679	122.82	253.07	520.67	521.30		
8/22/99 11:15	1019.63	30.11	0.681	123.08	253.54	521.50			
8/22/99 11:30	1019.63	30.11	0.681	123.34	254.01	521.90			
8/22/99 11:45	1019.63	30.11	0.682	123.86	254.95	522.51			
8/22/99 12:00	1019.50	30.11	0.682	123.34	254.01	522.20	522.46		
8/22/99 12:15	1019.50	30.11	0.681	123.88	254.95	522.28			
8/22/99 12:30	1019.38	30.10	0.683	124.39	255.90	523.38			
8/22/99 12:45	1019.25	30.10	0.681	124.39	255.90	522.45			
8/22/99 13:00	1019.13	30.09	0.683	124.65	256.37	523.39	522.47		
8/22/99 13:15	1019.00	30.09	0.680	123.86	254.95	521.95			
8/22/99 13:30	1018.86	30.09	0.681	122.30	252.13	521.18			
8/22/99 13:45	1018.63	30.08	0.681	124.13	255.43	522.44			
8/22/99 14:00	1018.63	30.08	0.683	124.91	256.84	523.69	522.66		
8/22/99 14:15	1018.50	30.08	0.681	124.91	256.84	522.99			
8/22/99 14:30	1018.38	30.07	0.681	124.91	256.84	523.02			
8/22/99 14:45	1018.13	30.07	0.682	125.17	257.31	523.76			
8/22/99 15:00	1018.00	30.06	0.681	125.69	258.25	523.66	523.69		
8/22/99 15:15	1017.75	30.05	0.683	125.69	258.25	524.43			
8/22/99 15:30	1017.75	30.05	0.682	125.95	258.72	524.37			
8/22/99 15:45	1017.63	30.05	0.683	125.69	258.25	524.69			
8/22/99 16:00	1017.38	30.04	0.681	125.95	258.72	524.20	524.56		
8/22/99 16:15	1017.38	30.04	0.681	126.48	259.66	524.54			
8/22/99 16:30	1017.38	30.04	0.682	126.74	260.13	524.98			
8/22/99 16:45	1017.25	30.04	0.683	127.00	260.60	525.41			
8/22/99 17:00	1017.13	30.04	0.682	125.95	258.72	524.53	524.78		
8/22/99 17:15	1017.13	30.04	0.682	126.22	259.19	524.70			
8/22/99 17:30	1017.13	30.04	0.681	125.95	258.72	524.26			
8/22/99 17:45	1017.13	30.04	0.683	125.43	257.78	524.65			
8/22/99 18:00	1017.00	30.03	0.681	125.43	257.78	523.95	523.83		
8/22/99 18:15	1016.88	30.03	0.679	125.69	258.25	523.46			
8/22/99 18:30	1016.75	30.02	0.678	125.43	257.78	522.82			
8/22/99 18:45	1016.75	30.02	0.675	125.43	257.78	521.62			
8/22/99 19:00	1016.63	30.02	0.676	125.43	257.78	522.85	522.21		
8/22/99 19:15	1016.50	30.02	0.678	124.39	255.90	521.97			
8/22/99 19:30	1016.38	30.01	0.677	124.39	255.90	521.77			
8/22/99 19:45	1016.63	30.02	0.678	123.86	254.95	521.82			
8/22/99 20:00	1016.63	30.02	0.676	123.34	254.01	520.75	521.01		
8/22/99 20:15	1016.88	30.03	0.674	123.08	253.54	519.82			
8/22/99 20:30	1016.88	30.03	0.676	122.56	252.60	520.90			
8/22/99 20:45	1016.86	30.03	0.675	121.77	251.19	519.19			
8/22/99 21:00	1017.00	30.03	0.676	121.77	251.19	519.62	519.20		
8/22/99 21:15	1017.13	30.04	0.674	121.25	250.25	518.56			
8/22/99 21:30	1017.13	30.04	0.673	120.73	249.31	517.71			
8/22/99 21:45	1017.13	30.04	0.673	120.73	249.31	517.71			
8/22/99 22:00	1017.25	30.04	0.675	120.99	249.78	518.58	518.20		
8/22/99 22:15	1017.38	30.04	0.672	120.99	249.78	517.36			
8/22/99 22:30	1017.38	30.04	0.679	120.47	248.84	519.63			
8/22/99 22:45	1017.38	30.04	0.677	120.47	248.84	518.94			
8/22/99 23:00	1017.50	30.05	0.681	120.73	249.31	520.49	519.33		
8/22/99 23:15	1017.50	30.05	0.679	120.21	248.37	519.42			
8/22/99 23:30	1017.50	30.05	0.675	120.47	248.84	518.18			
8/22/99 23:45	1017.38	30.04	0.678	120.21	248.37	518.99			
8/23/99 0:00	1017.25	30.04	0.679	120.47	248.84	519.66	519.20		
8/23/99 0:15	1017.25	30.04	0.676	120.99	249.78	519.04			
8/23/99 0:30	1017.25	30.04	0.676	121.51	250.72	520.12			
8/23/99 0:45	1017.25	30.04	0.679	121.51	250.72	520.35			
8/23/99 1:00	1017.25	30.04	0.676	121.51	250.72	519.89	520.10		
8/23/99 1:15	1017.13	30.04	0.678	121.25	250.25	519.98			
8/23/99 1:30	1017.13	30.04	0.676	121.51	250.72	520.15			
8/23/99 1:45	1017.00	30.03	0.676	121.25	250.25	520.01			
8/23/99 2:00	1016.88	30.03	0.675	121.51	250.72	519.02	519.79		
8/23/99 2:15	1016.88	30.03	0.678	120.99	249.78	519.64			
8/23/99 2:30	1016.75	30.02	0.679	120.99	249.78	520.13			
8/23/99 2:45	1016.75	30.02	0.676	120.73	249.31	519.73			
8/23/99 3:00	1016.63	30.02	0.678	120.47	248.84	519.59	519.49		
8/23/99 3:15	1016.50	30.02	0.678	120.21	248.37	519.45			
8/23/99 3:30	1016.38	30.01	0.676	119.94	247.90	518.58			
8/23/99 3:45	1016.38	30.01	0.676	119.68	247.43	518.18			
8/23/99 4:00	1016.50	30.02	0.676	119.88	247.43	518.37	518.06		
8/23/99 4:15	1016.38	30.01	0.674	119.16	246.49	517.37			
8/23/99 4:30	1016.50	30.02	0.676	119.16	246.49	517.60			
8/23/99 4:45	1016.50	30.02	0.676	119.42	246.96	517.97			
8/23/99 5:00	1016.50	30.02	0.674	119.16	246.49	517.07	517.24		
8/23/99 5:15	1016.63	30.02	0.673	118.90	246.02	516.64			
8/23/99 5:30	1016.50	30.02	0.674	118.64	245.55	516.73			
8/23/99 5:45	1016.50	30.02	0.675	118.90	246.02	517.40			
8/23/99 6:00	1016.50	30.02	0.676	118.90	246.02	517.66	517.21		
8/23/99 6:15	1016.50	30.02	0.674	118.38	245.08	516.55			
8/23/99 6:30	1016.50	30.02	0.676	118.38	245.08	517.51			
8/23/99 6:45	1016.63	30.02	0.674	118.38	245.08	516.79			
8/23/99 7:00	1016.63	30.02	0.674	118.38	245.08	516.52	516.53		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/20/99 19:45	1018.38	30.07	0.678	117.07	242.73	516.67			
8/20/99 20:00	1018.38	30.07	0.676	117.33	243.20	516.84	517.15		
8/20/99 20:15	1018.50	30.08	0.680	118.38	245.08	518.45			
8/20/99 20:30	1018.50	30.08	0.680	118.64	245.55	518.63			
8/20/99 20:45	1018.63	30.08	0.682	119.68	247.43	520.01			
8/20/99 21:00	1018.63	30.08	0.681	119.94	247.90	519.92	519.58		
8/20/99 21:15	1018.75	30.08	0.682	119.94	247.90	520.15			
8/20/99 21:30	1019.00	30.09	0.680	119.68	247.43	519.19			
8/20/99 21:45	1019.13	30.09	0.681	119.18	246.49	519.04			
8/20/99 22:00	1019.38	30.10	0.681	119.16	246.49	518.98	516.96		
8/20/99 22:15	1019.50	30.11	0.681	118.90	246.02	519.00			
8/20/99 22:30	1019.50	30.11	0.681	118.64	245.55	518.60			
8/20/99 22:45	1019.50	30.11	0.681	118.38	245.08	518.43			
8/20/99 23:00	1019.38	30.10	0.679	118.38	245.08	517.74	517.81		
8/20/99 23:15	1019.50	30.11	0.679	117.85	244.14	517.36			
8/20/99 23:30	1019.38	30.10	0.678	117.85	244.14	516.93			
8/20/99 23:45	1019.38	30.10	0.678	117.33	243.20	516.82			
8/21/99 0:00	1019.38	30.10	0.676	116.81	242.26	515.75	516.47		
8/21/99 0:15	1019.38	30.10	0.677	116.55	241.79	515.84			
8/21/99 0:30	1019.38	30.10	0.680	116.55	241.79	517.02			
8/21/99 0:45	1019.50	30.11	0.676	116.55	241.79	515.31			
8/21/99 1:00	1019.50	30.11	0.679	117.07	242.73	517.11	516.50		
8/21/99 1:15	1019.38	30.10	0.677	116.81	242.26	516.01			
8/21/99 1:30	1019.25	30.10	0.680	118.55	241.79	517.05			
8/21/99 1:45	1019.25	30.10	0.677	116.81	242.26	516.05			
8/21/99 2:00	1019.25	30.10	0.676	116.29	241.32	515.43	516.02		
8/21/99 2:15	1019.25	30.10	0.676	116.29	241.32	515.43			
8/21/99 2:30	1019.25	30.10	0.676	116.29	241.32	516.16			
8/21/99 2:45	1019.25	30.10	0.677	116.02	240.84	515.53			
8/21/99 3:00	1019.13	30.09	0.676	116.02	240.84	515.29	515.53		
8/21/99 3:15	1019.13	30.09	0.678	116.02	240.84	515.79			
8/21/99 3:30	1019.13	30.09	0.676	115.76	240.37	514.89			
8/21/99 3:45	1019.13	30.09	0.676	115.76	240.37	514.89			
8/21/99 4:00	1019.25	30.10	0.678	115.76	240.37	515.58	514.83		
8/21/99 4:15	1019.25	30.10	0.674	115.24	239.43	513.79			
8/21/99 4:30	1019.25	30.10	0.677	115.24	239.43	515.01			
8/21/99 4:45	1019.13	30.09	0.678	114.98	238.96	515.09			
8/21/99 5:00	1019.25	30.10	0.677	115.50	239.90	515.18	515.03		
8/21/99 5:15	1019.38	30.10	0.678	115.24	239.43	515.20			
8/21/99 5:30	1019.50	30.11	0.676	115.24	239.43	514.68			
8/21/99 5:45	1019.50	30.11	0.676	115.24	239.43	514.68			
8/21/99 6:00	1019.50	30.11	0.679	115.24	239.43	515.63	515.02		
8/21/99 6:15	1019.63	30.11	0.678	114.98	238.96	515.20			
8/21/99 6:30	1019.75	30.11	0.678	114.98	238.96	514.94			
8/21/99 6:45	1020.00	30.12	0.676	114.98	238.96	514.15			
8/21/99 7:00	1019.88	30.12	0.679	115.50	239.90	515.71	514.97		
8/21/99 7:15	1020.13	30.12	0.678	114.98	238.96	514.84			
8/21/99 7:30	1020.25	30.13	0.678	115.24	239.43	515.21			
8/21/99 7:45	1020.50	30.14	0.681	114.98	238.96	515.92			
8/21/99 8:00	1020.75	30.14	0.680	115.24	239.43	515.81	515.84		
8/21/99 8:15	1020.75	30.14	0.680	116.02	240.84	516.33			
8/21/99 8:30	1020.88	30.15	0.678	116.55	241.79	515.92			
8/21/99 8:45	1020.88	30.15	0.678	116.55	241.79	515.69			
8/21/99 9:00	1020.88	30.15	0.679	116.81	242.26	516.32	515.90		
8/21/99 9:15	1020.88	30.15	0.679	116.55	241.79	516.15			
8/21/99 9:30	1021.00	30.15	0.677	116.55	241.79	515.43			
8/21/99 9:45	1021.00	30.15	0.678	116.81	242.26	516.06			
8/21/99 10:00	1020.88	30.15	0.678	116.55	241.79	515.69	516.02		
8/21/99 10:15	1020.88	30.15	0.678	117.07	242.73	516.26			
8/21/99 10:30	1020.88	30.15	0.679	117.33	243.20	516.67			
8/21/99 10:45	1020.88	30.15	0.683	118.38	245.08	518.80			
8/21/99 11:00	1020.75	30.14	0.679	118.90	246.02	518.00	518.54		
8/21/99 11:15	1020.88	30.15	0.682	119.42	246.96	519.27			
8/21/99 11:30	1020.88	30.15	0.682	120.47	248.84	519.96			
8/21/99 11:45	1020.75	30.14	0.684	121.25	250.25	521.19			
8/21/99 12:00	1020.63	30.14	0.680	121.25	250.25	519.81	520.51		
8/21/99 12:15	1020.63	30.14	0.681	121.25	250.25	520.27			
8/21/99 12:30	1020.63	30.14	0.683	121.77	251.19	521.34			
8/21/99 12:45	1020.50	30.14	0.683	122.03	251.66	521.54			
8/21/99 13:00	1020.25	30.13	0.679	120.99	249.78	519.51	520.70		
8/21/99 13:15	1020.00	30.12	0.680	121.51	250.72	520.14			
8/21/99 13:30	1019.88	30.12	0.681	122.03	251.66	520.98			
8/21/99 13:45	1019.88	30.12	0.683	121.77	251.19	521.30			
8/21/99 14:00	1019.75	30.11	0.679	120.99	249.78	519.38	520.26		
8/21/99 14:15	1019.63	30.11	0.678	121.51	250.72	519.28			
8/21/99 14:30	1019.63	30.11	0.679	122.03	251.66	520.35			
8/21/99 14:45	1019.38	30.10	0.680	121.25	250.25	520.13			
8/21/99 15:00	1019.25	30.10	0.680	121.51	250.72	520.33	519.92		
8/21/99 15:15	1019.13	30.09	0.678	121.25	250.25	519.47			
8/21/99 15:30	1018.88	30.09	0.678	121.25	250.25	519.30			
8/21/99 15:45	1018.75	30.08	0.676	120.47	248.84	518.32			
8/21/99 16:00	1018.63	30.08	0.678	120.47	248.84	518.85	519.21		
8/21/99 16:15	1018.50	30.08	0.677	121.25	250.25	519.17			
8/21/99 16:30	1018.38	30.07	0.679	122.03	251.66	520.40			
8/21/99 16:45	1018.38	30.07	0.682	122.30	252.13	521.80			
8/21/99 17:00	1018.38	30.07	0.678	121.77	251.19	520.00	519.91		
8/21/99 17:15	1018.25	30.07	0.676	120.73	249.31	518.62			
8/21/99 17:30	1018.25	30.07	0.677	120.47	248.84	518.71			
8/21/99 17:45	1018.13	30.07	0.678	120.21	248.37	518.60			
8/21/99 18:00	1018.00	30.06	0.678	120.73	249.31	519.18	519.27		
8/21/99 18:15	1018.13	30.07	0.678	120.99	249.78	519.32			
8/21/99 18:30	1018.00	30.06	0.679	121.77	251.19	520.33			
8/21/99 18:45	1017.88	30.06	0.679	121.77	251.19	520.36			
8/21/99 19:00	1018.25	30.07	0.681	122.56	252.60	521.51	521.13		
8/21/99 19:15	1018.13	30.07	0.681	123.08	253.54	521.88			
8/21/99 19:30	1018.00	30.06	0.681	122.56	252.60	521.57			
8/21/99 19:45	1018.00	30.06	0.678	122.30	252.13	519.71			
8/21/99 20:00	1018.25	30.07	0.683	122.82	253.07	522.84	520.90		
8/21/99 20:15	1018.25	30.07	0.679	122.30	252.13	520.88			
8/21/99 20:30	1018.50	30.08	0.677	122.03	251.66	519.66			
8/21/99 20:45	1018.63	30.08	0.679	121.77	251.19	520.44			
8/21/99 21:00	1018.63	30.08	0.681	121.77	251.19	520.90	520.05		
8/21/99 21:15	1018.75	30.08	0.678	121.51	250.72	519.73			
8/21/99 21:30	1018.75	30.08	0.678	121.51	250.72	519.50			
8/21/99 21:45	1018.88	30.09	0.681	120.99	249.78	520.31			
8/21/99 22:00	1018.88	30.09	0.678	120.47	248.84	519.01	519.20		
8/21/99 22:15	1018.88	30.09	0.678	120.21	248.37	518.61			
8/21/99 22:30	1019.00	30.09	0.678	120.21	248.37	518.58			
8/21/99 22:45	1019.00	30.09	0.679	120.21	248.37	519.04			
8/21/99 23:00	1019.13	30.09	0.679	120.21	248.37	519.01	518.82		
8/21/99 23:15	1019.13	30.09	0.679	119.94	247.90	518.84			
8/21/99 23:30	1019.13	30.09	0.679	119.68	247.43	518.86			
8/21/99 23:45	1019.13	30.09	0.678	119.94	247.90	518.61			
8/22/99 0:00	1019.13	30.09	0.678	119.94	247.90	518.61	518.37		
8/22/99 0:15	1019.00	30.09	0.678	119.42	246.96	518.06			
8/22/99 0:30	1019.00	30.09	0.678	119.16	246.49	517.69			
8/22/99 0:45	1019.00	30.09	0.678	119.68	247.43	516.24			
8/22/99 1:00	1019.13	30.09	0.678	119.42	246.96	518.03	518.14		
8/22/99 1:15	1019.13	30.09	0.678	119.42	246.96	518.03			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/19/99 14:00	1013.25	29.92	0.670	119.16	246.49	516.48	517.60		
8/19/99 14:15	1013.88	29.94	0.673	119.88	247.43	517.62			
8/19/99 14:30	1013.88	29.94	0.674	120.47	248.84	518.60			
8/19/99 14:45	1013.75	29.94	0.676	121.25	250.25	519.88			
8/19/99 15:00	1013.75	29.94	0.676	121.77	251.19	520.22	520.17		
8/19/99 15:15	1013.88	29.94	0.677	122.03	251.66	520.87			
8/19/99 15:30	1013.63	29.93	0.677	122.56	252.60	521.27			
8/19/99 15:45	1013.50	29.93	0.676	122.56	252.60	520.60			
8/19/99 16:00	1013.38	29.92	0.679	122.30	252.13	521.86	521.08		
8/19/99 16:15	1013.75	29.94	0.676	122.03	251.66	520.63			
8/19/99 16:30	1013.38	29.92	0.677	121.77	251.19	520.82			
8/19/99 16:45	1013.38	29.92	0.675	122.03	251.66	520.26			
8/19/99 17:00	1013.25	29.92	0.678	122.30	252.13	521.43	520.76		
8/19/99 17:15	1013.38	29.92	0.678	122.03	251.66	521.22			
8/19/99 17:30	1013.50	29.93	0.675	121.77	251.19	520.06			
8/19/99 17:45	1013.50	29.93	0.677	122.30	252.13	521.13			
8/19/99 18:00	1013.50	29.93	0.677	122.56	252.60	521.31	520.97		
8/19/99 18:15	1013.38	29.92	0.675	122.56	252.60	520.61			
8/19/99 18:30	1013.38	29.92	0.678	122.82	253.07	521.74			
8/19/99 18:45	1013.50	29.93	0.678	122.56	252.60	521.54			
8/19/99 19:00	1013.63	29.93	0.676	122.56	252.60	521.00	521.56		
8/19/99 19:15	1013.75	29.94	0.679	122.56	252.60	522.20			
8/19/99 19:30	1013.75	29.94	0.678	122.30	252.13	521.30			
8/19/99 19:45	1013.75	29.94	0.676	122.03	251.66	520.40			
8/19/99 20:00	1013.75	29.94	0.678	122.03	251.66	521.13	520.86		
8/19/99 20:15	1014.13	29.95	0.677	122.03	251.66	520.60			
8/19/99 20:30	1014.38	29.95	0.678	121.25	250.25	520.68			
8/19/99 20:45	1014.63	29.96	0.670	118.38	245.08	515.61			
8/19/99 21:00	1014.75	29.97	0.670	117.07	242.73	514.72	516.16		
8/19/99 21:15	1015.00	29.97	0.671	116.55	241.79	514.54			
8/19/99 21:30	1015.25	29.98	0.673	116.29	241.32	515.26			
8/19/99 21:45	1015.50	29.99	0.673	117.33	243.20	515.66			
8/19/99 22:00	1015.63	29.99	0.673	117.59	243.67	516.03	515.70		
8/19/99 22:15	1015.75	30.00	0.674	117.33	243.20	516.06			
8/19/99 22:30	1015.75	30.00	0.673	116.81	242.26	515.48			
8/19/99 22:45	1015.75	30.00	0.671	115.76	240.37	514.06			
8/19/99 23:00	1015.88	30.00	0.671	115.24	239.43	513.69	513.78		
8/19/99 23:15	1016.00	30.00	0.671	114.46	238.02	513.14			
8/19/99 23:30	1015.88	30.00	0.670	114.20	237.55	512.54			
8/19/99 23:45	1016.00	30.00	0.671	114.20	237.55	512.73			
8/20/99 0:00	1016.13	30.01	0.670	113.93	237.08	512.30	513.28		
8/20/99 0:15	1016.00	30.00	0.674	114.98	238.96	514.70			
8/20/99 0:30	1016.13	30.01	0.673	115.24	239.43	514.12			
8/20/99 0:45	1016.25	30.01	0.675	115.76	240.37	515.39			
8/20/99 1:00	1016.13	30.01	0.675	116.02	240.84	515.59	515.07		
8/20/99 1:15	1016.13	30.01	0.674	115.50	239.90	515.02			
8/20/99 1:30	1016.13	30.01	0.675	115.50	239.90	515.25			
8/20/99 1:45	1016.13	30.01	0.674	115.50	239.90	515.02			
8/20/99 2:00	1016.25	30.01	0.675	115.76	240.37	515.39	515.48		
8/20/99 2:15	1016.25	30.01	0.676	116.29	241.32	516.19			
8/20/99 2:30	1016.13	30.01	0.674	116.29	241.32	515.54			
8/20/99 2:45	1016.00	30.00	0.671	114.46	238.02	513.14			
8/20/99 3:00	1016.00	30.00	0.671	113.41	236.14	512.44	513.28		
8/20/99 3:15	1016.00	30.00	0.671	113.15	235.67	512.04			
8/20/99 3:30	1016.00	30.00	0.672	114.20	237.55	513.23			
8/20/99 3:45	1016.00	30.00	0.675	113.93	237.08	514.24			
8/20/99 4:00	1016.00	30.00	0.672	113.67	236.61	512.88	512.97		
8/20/99 4:15	1016.00	30.00	0.671	113.41	236.14	512.21			
8/20/99 4:30	1015.86	30.00	0.671	113.15	235.67	512.30			
8/20/99 4:45	1016.00	30.00	0.671	112.89	235.20	511.67			
8/20/99 5:00	1016.00	30.00	0.671	113.41	236.14	512.44	512.16		
8/20/99 5:15	1016.13	30.01	0.671	113.15	235.67	512.01			
8/20/99 5:30	1016.25	30.01	0.671	113.41	236.14	512.15			
8/20/99 5:45	1016.38	30.01	0.673	113.15	235.67	512.90			
8/20/99 6:00	1016.38	30.01	0.674	113.67	236.61	513.48	513.19		
8/20/99 6:15	1016.50	30.02	0.674	113.93	237.08	513.88			
8/20/99 6:30	1016.75	30.02	0.674	113.93	237.08	513.55			
8/20/99 6:45	1017.13	30.04	0.673	113.41	236.14	512.66			
8/20/99 7:00	1017.25	30.04	0.673	113.67	236.61	512.60	513.18		
8/20/99 7:15	1017.50	30.05	0.674	113.41	236.14	513.28			
8/20/99 7:30	1017.75	30.05	0.675	113.67	236.61	513.62			
8/20/99 7:45	1017.88	30.06	0.673	113.93	237.08	513.04			
8/20/99 8:00	1018.00	30.06	0.673	113.67	236.61	512.84	513.50		
8/20/99 8:15	1018.13	30.07	0.674	114.46	238.02	513.62			
8/20/99 8:30	1018.13	30.07	0.674	114.98	238.96	514.17			
8/20/99 8:45	1016.13	30.07	0.676	114.46	238.02	514.28			
8/20/99 9:00	1018.13	30.07	0.675	114.72	238.49	514.22	514.44		
8/20/99 9:15	1016.25	30.07	0.675	114.98	238.96	514.36			
8/20/99 9:30	1018.25	30.07	0.676	115.50	239.90	515.17			
8/20/99 9:45	1018.38	30.07	0.674	115.50	239.90	514.45			
8/20/99 10:00	1018.38	30.07	0.676	115.24	239.43	514.73	514.06		
8/20/99 10:15	1018.38	30.07	0.674	114.72	238.49	513.66			
8/20/99 10:30	1018.38	30.07	0.671	114.46	238.02	512.31			
8/20/99 10:45	1018.38	30.07	0.679	116.55	241.79	516.78			
8/20/99 11:00	1018.50	30.08	0.674	116.81	242.26	515.28	515.13		
8/20/99 11:15	1018.63	30.08	0.676	117.07	242.73	516.83			
8/20/99 11:30	1018.63	30.08	0.675	115.24	239.43	514.44			
8/20/99 11:45	1018.63	30.08	0.674	114.96	238.96	514.04			
8/20/99 12:00	1018.50	30.08	0.676	115.76	240.37	515.28	515.08		
8/20/99 12:15	1018.38	30.07	0.676	116.29	241.32	515.65			
8/20/99 12:30	1018.50	30.08	0.676	116.81	242.26	515.97			
8/20/99 12:45	1018.13	30.07	0.676	117.07	242.73	516.01			
8/20/99 13:00	1018.00	30.06	0.676	117.07	242.73	516.27	516.02		
8/20/99 13:15	1018.00	30.06	0.677	117.33	243.20	516.71			
8/20/99 13:30	1017.88	30.06	0.674	116.81	242.26	515.17			
8/20/99 13:45	1017.88	30.06	0.677	117.85	244.14	517.08			
8/20/99 14:00	1017.88	30.06	0.676	117.85	244.14	516.82	516.70		
8/20/99 14:15	1017.88	30.06	0.677	118.64	245.55	517.60			
8/20/99 14:30	1017.88	30.06	0.676	117.85	244.14	516.62			
8/20/99 14:45	1017.88	30.06	0.675	117.33	243.20	516.01			
8/20/99 15:00	1017.66	30.06	0.677	118.38	245.08	517.43	516.97		
8/20/99 15:15	1017.75	30.05	0.677	118.90	246.02	517.61			
8/20/99 15:30	1017.75	30.05	0.676	118.12	244.61	516.79			
8/20/99 15:45	1017.63	30.05	0.676	118.38	245.08	517.00			
8/20/99 16:00	1017.50	30.05	0.676	119.42	246.96	517.95	517.15		
8/20/99 16:15	1017.63	30.05	0.674	118.64	245.55	518.71			
8/20/99 16:30	1017.75	30.05	0.676	118.90	246.02	517.31			
8/20/99 16:45	1017.75	30.05	0.676	119.16	246.49	517.71			
8/20/99 17:00	1017.75	30.05	0.676	118.38	245.08	516.96	516.80		
8/20/99 17:15	1017.88	30.06	0.674	117.33	243.20	515.78			
8/20/99 17:30	1017.88	30.06	0.676	117.33	243.20	516.24			
8/20/99 17:45	1017.88	30.06	0.675	116.02	240.84	515.15			
8/20/99 18:00	1017.88	30.06	0.674	117.33	243.20	515.52	515.71		
8/20/99 18:15	1018.00	30.06	0.677	117.59	243.67	516.88			
8/20/99 18:30	1018.00	30.06	0.673	116.55	241.79	514.74			
8/20/99 18:45	1018.00	30.06	0.673	116.55	241.79	514.74			
8/20/99 19:00	1018.00	30.06	0.674	116.81	242.26	515.14	515.22		
8/20/99 19:15	1018.13	30.07	0.676	117.59	243.67	516.35			
8/20/99 19:30	1018.38	30.07	0.674	116.55	241.79	515.14			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/18/99 8:15	1019.00	30.09	0.679	117.33	243.20	517.41			
8/18/99 8:30	1018.75	30.08	0.679	117.59	243.67	517.38			
8/18/99 8:45	1018.75	30.08	0.677	117.33	243.20	516.52			
8/18/99 9:00	1018.50	30.08	0.679	117.33	243.20	517.27	516.96		
8/18/99 9:15	1018.38	30.07	0.677	117.85	244.14	516.96			
8/18/99 9:30	1018.38	30.07	0.676	117.85	244.14	516.69			
8/18/99 9:45	1018.25	30.07	0.679	119.16	246.49	516.54			
8/18/99 10:00	1018.00	30.06	0.679	116.12	244.61	517.91	518.17		
8/18/99 10:15	1018.00	30.06	0.678	118.64	245.55	518.03			
8/18/99 10:30	1018.13	30.07	0.681	119.42	246.96	519.70			
8/18/99 10:45	1018.13	30.07	0.679	119.94	247.90	519.36			
8/18/99 11:00	1018.25	30.07	0.683	120.47	248.84	520.85	520.20		
8/18/99 11:15	1018.25	30.07	0.683	121.25	250.25	521.37			
8/18/99 11:30	1018.13	30.07	0.679	120.47	248.84	519.70			
8/18/99 11:45	1018.00	30.06	0.681	120.21	248.37	520.02			
8/18/99 12:00	1018.00	30.06	0.683	121.77	251.19	522.01	520.79		
8/18/99 12:15	1017.63	30.05	0.679	121.25	250.25	520.35			
8/18/99 12:30	1017.38	30.04	0.682	122.03	251.66	521.69			
8/18/99 12:45	1017.38	30.04	0.679	122.03	251.66	520.93			
8/18/99 13:00	1017.38	30.04	0.679	120.99	249.78	519.97	520.77		
8/18/99 13:15	1017.38	30.04	0.681	121.51	250.72	521.04			
8/18/99 13:30	1017.25	30.04	0.679	120.99	249.78	520.00			
8/18/99 13:45	1017.00	30.03	0.678	121.51	250.72	520.18			
8/18/99 14:00	1016.75	30.02	0.678	122.03	251.66	520.59	519.85		
8/18/99 14:15	1016.88	30.03	0.678	121.25	250.25	520.04			
8/18/99 14:30	1017.13	30.04	0.675	120.73	249.31	518.44			
8/18/99 14:45	1017.25	30.04	0.681	121.77	251.19	521.25			
8/18/99 15:00	1017.25	30.04	0.679	122.82	253.07	521.48	520.16		
8/18/99 15:15	1017.13	30.04	0.676	122.03	251.66	519.53			
8/18/99 15:30	1017.13	30.04	0.678	121.77	251.19	520.09			
8/18/99 15:45	1017.13	30.04	0.679	121.77	251.19	520.82			
8/18/99 16:00	1017.13	30.04	0.677	120.47	248.84	519.00	519.84		
8/18/99 16:15	1016.88	30.03	0.677	120.47	248.84	519.06			
8/18/99 16:30	1016.88	30.03	0.678	121.51	250.72	520.21			
8/18/99 16:45	1016.88	30.03	0.675	120.47	248.84	518.34			
8/18/99 17:00	1017.00	30.03	0.675	119.68	247.43	517.79	518.17		
8/18/99 17:15	1017.13	30.04	0.674	119.42	246.96	517.08			
8/18/99 17:30	1017.00	30.03	0.675	119.16	246.49	517.44			
8/18/99 17:45	1016.88	30.03	0.675	119.42	246.96	517.65			
8/18/99 18:00	1016.88	30.03	0.674	119.42	246.96	517.42	517.44		
8/18/99 18:15	1016.75	30.02	0.678	119.16	246.49	518.46			
8/18/99 18:30	1016.50	30.02	0.674	117.85	244.14	516.21			
8/18/99 18:45	1016.50	30.02	0.674	117.85	244.14	516.21			
8/18/99 19:00	1016.50	30.02	0.673	117.59	243.67	515.58	516.07		
8/18/99 19:15	1016.50	30.02	0.674	117.85	244.14	516.21			
8/18/99 19:30	1016.50	30.02	0.673	118.12	244.61	516.15			
8/18/99 19:45	1016.50	30.02	0.678	118.38	245.08	518.01			
8/18/99 20:00	1016.25	30.01	0.678	119.94	247.90	519.11	518.88		
8/18/99 20:15	1016.00	30.00	0.680	120.47	248.84	520.48			
8/18/99 20:30	1015.38	29.98	0.679	121.25	250.25	520.65			
8/18/99 20:45	1015.63	29.99	0.679	121.51	250.72	520.76			
8/18/99 21:00	1016.13	30.01	0.683	121.77	251.19	522.26	521.05		
8/18/99 21:15	1015.88	30.00	0.679	121.77	251.19	520.87			
8/18/99 21:30	1015.68	30.00	0.679	121.51	250.72	520.70			
8/18/99 21:45	1015.63	29.99	0.679	121.51	250.72	521.03			
8/18/99 22:00	1015.68	30.00	0.676	120.99	249.78	519.40	520.37		
8/18/99 22:15	1015.75	30.00	0.679	121.25	250.25	520.83			
8/18/99 22:30	1016.00	30.00	0.678	120.73	249.31	519.92			
8/18/99 22:45	1016.13	30.01	0.678	120.47	248.84	519.72			
8/18/99 23:00	1016.25	30.01	0.681	121.25	250.25	521.39	520.74		
8/18/99 23:15	1016.50	30.02	0.681	121.51	250.72	521.27			
8/18/99 23:30	1016.63	30.02	0.681	121.77	251.19	521.41			
8/18/99 23:45	1016.75	30.02	0.681	121.51	250.72	521.20			
8/19/99 0:00	1016.75	30.02	0.681	121.51	250.72	521.43	521.05		
8/19/99 0:15	1016.75	30.02	0.679	121.25	250.25	520.57			
8/19/99 0:30	1016.63	30.02	0.680	120.99	249.78	520.66			
8/19/99 0:45	1016.63	30.02	0.679	120.47	248.84	520.09			
8/19/99 1:00	1016.75	30.02	0.679	119.94	247.90	519.44	519.73		
8/19/99 1:15	1016.50	30.02	0.679	119.94	247.90	519.50			
8/19/99 1:30	1016.25	30.01	0.676	120.47	248.84	518.96			
8/19/99 1:45	1016.13	30.01	0.678	120.21	248.37	519.54			
8/19/99 2:00	1016.00	30.00	0.675	119.68	247.43	518.04	519.24		
8/19/99 2:15	1015.88	30.00	0.679	120.21	248.37	519.84			
8/19/99 2:30	1015.88	30.00	0.679	120.21	248.37	519.84			
8/19/99 2:45	1015.75	30.00	0.678	120.47	248.84	519.58			
8/19/99 3:00	1015.63	29.99	0.678	120.47	248.84	519.61	519.56		
8/19/99 3:15	1015.63	29.99	0.676	120.47	248.84	519.11			
8/19/99 3:30	1015.38	29.98	0.678	120.47	248.84	519.88			
8/19/99 3:45	1015.25	29.98	0.674	120.21	248.37	518.35			
8/19/99 4:00	1015.13	29.98	0.677	120.21	248.37	519.34	518.82		
8/19/99 4:15	1015.13	29.98	0.674	120.21	248.37	518.11			
8/19/99 4:30	1015.00	29.97	0.675	120.21	248.37	518.64			
8/19/99 4:45	1014.88	29.97	0.674	120.21	248.37	518.44			
8/19/99 5:00	1014.88	29.97	0.676	119.68	247.43	518.79	518.47		
8/19/99 5:15	1014.75	29.97	0.674	119.88	247.43	518.13			
8/19/99 5:30	1014.75	29.97	0.675	119.68	247.43	518.36			
8/19/99 5:45	1014.75	29.97	0.677	119.68	247.43	519.09			
8/19/99 6:00	1014.75	29.97	0.676	119.68	247.43	518.82	518.54		
8/19/99 6:15	1014.63	29.96	0.674	119.42	246.96	517.99			
8/19/99 6:30	1014.75	29.97	0.676	119.42	246.96	518.42			
8/19/99 6:45	1014.68	29.97	0.676	119.42	246.96	518.39			
8/19/99 7:00	1014.88	29.97	0.676	119.16	246.49	518.44	518.35		
8/19/99 7:15	1015.00	29.97	0.675	119.42	246.96	518.12			
8/19/99 7:30	1014.88	29.97	0.676	119.42	246.96	518.39			
8/19/99 7:45	1014.68	29.97	0.677	119.68	247.43	519.06			
8/19/99 8:00	1014.68	29.97	0.675	119.42	246.96	518.16	521.78		
8/19/99 8:15	1014.75	29.97	0.733	116.29	241.32	537.65			
8/19/99 8:30	1014.38	29.95	0.668	119.42	246.96	515.63			
8/19/99 8:45	1014.75	29.97	0.673	119.94	247.90	517.57			
8/19/99 9:00	1014.75	29.97	0.673	120.21	248.37	517.97	517.25		
8/19/99 9:15	1016.75	30.02	0.677	120.21	248.37	518.92			
8/19/99 9:30	1015.75	30.00	0.671	118.90	246.02	518.13			
8/19/99 9:45	1015.50	29.99	0.674	118.90	246.02	517.15			
8/19/99 10:00	1015.75	30.00	0.673	119.16	246.49	517.03	516.76		
8/19/99 10:15	1016.00	30.00	0.674	117.59	243.67	516.16			
8/19/99 10:30	1015.50	29.99	0.675	118.38	245.08	517.31			
8/19/99 10:45	1015.38	29.98	0.674	119.42	246.96	517.53			
8/19/99 11:00	1015.63	29.99	0.676	118.90	246.02	518.08	518.15		
8/19/99 11:15	1015.50	29.99	0.678	119.68	247.43	519.13			
8/19/99 11:30	1015.63	29.99	0.677	119.42	246.96	518.89			
8/19/99 11:45	1015.38	29.98	0.676	119.94	247.90	518.60			
8/19/99 12:00	1015.50	29.99	0.677	119.94	247.90	519.07	519.19		
8/19/99 12:15	1015.63	29.99	0.677	120.21	248.37	519.21			
8/19/99 12:30	1015.88	30.00	0.679	120.99	249.78	520.35			
8/19/99 12:45	1016.63	30.02	0.679	120.99	249.78	520.16			
8/19/99 13:00	1017.25	30.04	0.676	120.21	248.37	519.03	519.30		
8/19/99 13:15	1016.75	30.02	0.679	119.68	247.43	519.27			
8/19/99 13:30	1014.00	29.94	0.674	119.16	246.49	517.71			
8/19/99 13:45	1012.88	29.91	0.673	118.90	246.02	517.59			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/17/99 2:30	1020.00	30.12	0.679	116.29	241.32	516.19			
8/17/99 2:45	1019.75	30.11	0.681	116.29	241.32	516.96			
8/17/99 3:00	1019.63	30.11	0.680	116.29	241.32	516.78	516.57		
8/17/99 3:15	1019.50	30.11	0.676	116.29	241.32	516.09			
8/17/99 3:30	1019.63	30.11	0.680	116.29	241.32	516.78			
8/17/99 3:45	1019.63	30.11	0.679	116.55	241.79	516.73			
8/17/99 4:00	1019.63	30.11	0.679	116.02	240.84	516.36	516.86		
8/17/99 4:15	1019.63	30.11	0.682	116.02	240.84	517.33			
8/17/99 4:30	1019.63	30.11	0.681	116.02	240.84	517.07			
8/17/99 4:45	1019.50	30.11	0.680	116.02	240.84	516.84			
8/17/99 5:00	1019.63	30.11	0.681	116.02	240.84	516.84	516.45		
8/17/99 5:15	1019.50	30.11	0.679	115.76	240.37	515.98			
8/17/99 5:30	1019.50	30.11	0.678	115.76	240.37	515.75			
8/17/99 5:45	1019.63	30.11	0.676	116.02	240.84	515.89			
8/17/99 6:00	1019.63	30.11	0.680	115.76	240.37	516.44	516.01		
8/17/99 6:15	1019.63	30.11	0.679	115.76	240.37	516.21			
8/17/99 6:30	1019.50	30.11	0.678	115.76	240.37	515.75			
8/17/99 6:45	1019.63	30.11	0.680	115.76	240.37	516.44			
8/17/99 7:00	1019.63	30.11	0.679	115.76	240.37	515.94	516.19		
8/17/99 7:15	1019.63	30.11	0.681	115.76	240.37	516.67			
8/17/99 7:30	1019.75	30.11	0.679	115.76	240.37	516.18			
8/17/99 7:45	1019.63	30.11	0.676	115.76	240.37	515.72			
8/17/99 8:00	1019.50	30.11	0.680	116.29	241.32	516.82	516.97		
8/17/99 8:15	1019.63	30.11	0.683	117.07	242.73	518.25			
8/17/99 8:30	1019.50	30.11	0.681	117.59	243.67	517.91			
8/17/99 8:45	1019.63	30.11	0.681	117.85	244.14	518.26			
8/17/99 9:00	1019.50	30.11	0.681	118.64	245.55	518.83	516.88		
8/17/99 9:15	1019.50	30.11	0.682	119.16	246.49	519.44			
8/17/99 9:30	1019.50	30.11	0.682	119.94	247.90	519.96			
8/17/99 9:45	1019.38	30.10	0.682	120.73	249.31	520.51			
8/17/99 10:00	1019.25	30.10	0.685	121.77	251.19	522.42	521.90		
8/17/99 10:15	1019.25	30.10	0.683	122.82	253.07	522.38			
8/17/99 10:30	1019.13	30.09	0.687	123.34	254.01	524.21			
8/17/99 10:45	1019.00	30.09	0.686	124.13	255.43	524.26			
8/17/99 11:00	1019.00	30.09	0.685	124.39	255.90	524.21	524.53		
8/17/99 11:15	1018.75	30.08	0.686	124.39	255.90	524.73			
8/17/99 11:30	1018.75	30.08	0.686	125.17	257.31	525.25			
8/17/99 11:45	1018.63	30.08	0.689	125.17	257.31	526.50			
8/17/99 12:00	1018.38	30.07	0.689	125.95	258.72	526.82	526.12		
8/17/99 12:15	1018.25	30.07	0.686	126.48	259.68	526.00			
8/17/99 12:30	1018.00	30.06	0.685	126.74	260.13	526.01			
8/17/99 12:45	1017.88	30.06	0.687	126.74	260.13	526.77			
8/17/99 13:00	1017.75	30.05	0.687	127.26	261.07	527.15	526.88		
8/17/99 13:15	1017.63	30.05	0.688	127.52	261.54	527.58			
8/17/99 13:30	1017.63	30.05	0.685	127.78	262.01	526.79			
8/17/99 13:45	1017.50	30.05	0.686	127.78	262.01	527.06			
8/17/99 14:00	1017.38	30.04	0.689	127.78	262.01	528.28	527.41		
8/17/99 14:15	1017.38	30.04	0.686	127.78	262.01	527.32			
8/17/99 14:30	1017.25	30.04	0.687	127.78	262.01	527.62			
8/17/99 14:45	1017.00	30.03	0.686	128.04	262.48	527.38			
8/17/99 15:00	1016.88	30.03	0.686	128.04	262.48	527.62	527.66		
8/17/99 15:15	1016.75	30.02	0.686	128.31	262.95	527.83			
8/17/99 15:30	1016.63	30.02	0.686	128.31	262.95	527.86			
8/17/99 15:45	1016.63	30.02	0.688	128.04	262.48	528.42			
8/17/99 16:00	1016.38	30.01	0.684	128.04	262.48	526.79	527.76		
8/17/99 16:15	1016.25	30.01	0.687	128.31	262.95	528.23			
8/17/99 16:30	1016.25	30.01	0.685	128.31	262.95	527.49			
8/17/99 16:45	1016.13	30.01	0.686	128.57	263.42	528.16			
8/17/99 17:00	1016.13	30.01	0.686	128.83	263.89	528.33	526.12		
8/17/99 17:15	1016.13	30.01	0.687	128.04	262.48	528.09			
8/17/99 17:30	1016.00	30.00	0.688	128.31	262.95	526.52			
8/17/99 17:45	1015.88	30.00	0.687	128.57	263.42	528.49			
8/17/99 18:00	1015.75	30.00	0.687	128.31	262.95	528.38	527.72		
8/17/99 18:15	1015.75	30.00	0.683	128.04	262.48	526.72			
8/17/99 18:30	1015.75	30.00	0.683	128.04	262.48	526.49			
8/17/99 18:45	1015.63	29.99	0.684	128.04	262.48	526.98			
8/17/99 19:00	1015.63	29.99	0.686	127.78	262.01	527.77	526.93		
8/17/99 19:15	1015.63	29.99	0.683	127.52	261.54	526.41			
8/17/99 19:30	1015.50	29.99	0.685	127.26	261.07	527.00			
8/17/99 19:45	1015.50	29.99	0.685	127.00	260.60	526.63			
8/17/99 20:00	1015.63	29.99	0.684	126.74	260.13	526.13	526.05		
8/17/99 20:15	1015.75	30.00	0.684	125.95	258.72	525.56			
8/17/99 20:30	1015.88	30.00	0.683	125.43	257.78	524.74			
8/17/99 20:45	1016.00	30.00	0.683	124.65	256.37	524.19			
8/17/99 21:00	1016.00	30.00	0.679	123.08	253.54	521.70	522.68		
8/17/99 21:15	1016.13	30.01	0.678	122.56	252.60	520.86			
8/17/99 21:30	1016.38	30.01	0.680	122.82	253.07	521.93			
8/17/99 21:45	1016.63	30.02	0.681	122.56	252.60	521.92			
8/17/99 22:00	1016.75	30.02	0.679	121.77	251.19	520.92	520.88		
8/17/99 22:15	1016.88	30.03	0.678	120.73	249.31	519.70			
8/17/99 22:30	1016.88	30.03	0.679	120.21	248.37	519.85			
8/17/99 22:45	1016.88	30.03	0.678	120.47	248.84	519.29			
8/17/99 23:00	1016.88	30.03	0.680	120.21	248.37	520.08	519.44		
8/17/99 23:15	1016.88	30.03	0.676	119.94	247.90	518.95			
8/17/99 23:30	1017.00	30.03	0.677	120.47	248.84	519.03			
8/17/99 23:45	1017.00	30.03	0.680	120.21	248.37	520.05			
8/18/99 0:00	1017.13	30.04	0.676	119.68	247.43	518.22	519.11		
8/18/99 0:15	1017.25	30.04	0.679	119.68	247.43	519.14			
8/18/99 0:30	1017.25	30.04	0.679	119.68	247.43	519.14			
8/18/99 0:45	1017.25	30.04	0.679	119.68	247.43	519.14			
8/18/99 1:00	1017.25	30.04	0.681	119.94	247.90	520.04	519.38		
8/18/99 1:15	1017.38	30.04	0.679	120.21	248.37	519.45			
8/18/99 1:30	1017.25	30.04	0.679	119.68	247.43	519.14			
8/18/99 1:45	1017.25	30.04	0.678	119.42	246.96	518.51			
8/18/99 2:00	1017.38	30.04	0.677	119.16	246.49	518.07	518.30		
8/18/99 2:15	1017.25	30.04	0.676	118.90	246.02	516.16			
8/18/99 2:30	1017.13	30.04	0.677	118.38	245.08	517.62			
8/18/99 2:45	1017.13	30.04	0.677	118.12	244.61	517.45			
8/18/99 3:00	1017.00	30.03	0.676	117.85	244.14	517.04	517.21		
8/18/99 3:15	1017.13	30.04	0.676	117.85	244.14	516.78			
8/18/99 3:30	1017.13	30.04	0.676	118.12	244.61	517.16			
8/18/99 3:45	1017.25	30.04	0.677	117.59	243.67	517.07			
8/18/99 4:00	1017.38	30.04	0.676	117.33	243.20	516.60	516.71		
8/18/99 4:15	1017.38	30.04	0.676	117.59	243.67	516.54			
8/18/99 4:30	1017.25	30.04	0.675	117.33	243.20	516.17			
8/18/99 4:45	1017.38	30.04	0.676	117.33	243.20	516.60			
8/18/99 5:00	1017.75	30.05	0.678	117.33	243.20	517.00	516.42		
8/18/99 5:15	1017.75	30.05	0.676	117.07	242.73	516.10			
8/18/99 5:30	1017.88	30.06	0.676	117.33	243.20	516.24			
8/18/99 5:45	1018.00	30.06	0.679	117.07	242.73	517.22			
8/18/99 6:00	1018.00	30.06	0.677	117.59	243.67	516.88	517.06		
8/18/99 6:15	1018.13	30.07	0.678	117.59	243.67	517.06			
8/18/99 6:30	1018.13	30.07	0.680	117.33	243.20	517.66			
8/18/99 6:45	1018.25	30.07	0.678	117.33	243.20	517.10			
8/18/99 7:00	1018.50	30.08	0.679	117.07	242.73	517.36	517.09		
8/18/99 7:15	1018.75	30.08	0.677	117.33	243.20	516.52			
8/18/99 7:30	1018.75	30.08	0.676	116.81	242.26	516.83			
8/18/99 7:45	1018.75	30.08	0.680	117.33	243.20	517.70			
8/18/99 8:00	1018.88	30.09	0.678	117.59	243.67	517.12	517.25		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/15/99 20:45	1021.50	30.16	0.687	119.68	247.43	521.18			
8/15/99 21:00	1021.63	30.17	0.686	120.21	248.37	521.23	521.40		
8/15/99 21:15	1021.50	30.16	0.686	120.21	248.37	521.26			
8/15/99 21:30	1021.75	30.17	0.689	120.21	248.37	522.14			
8/15/99 21:45	1022.13	30.18	0.684	119.94	247.90	520.24			
8/15/99 22:00	1022.38	30.19	0.688	119.94	247.90	521.58	521.15		
8/15/99 22:15	1022.50	30.19	0.688	119.94	247.90	521.33			
8/15/99 22:30	1022.50	30.19	0.686	119.68	247.43	520.43			
8/15/99 22:45	1022.63	30.20	0.687	119.42	246.96	520.72			
8/15/99 23:00	1022.63	30.20	0.686	119.42	246.96	520.23	520.61		
8/15/99 23:15	1022.63	30.20	0.687	119.42	246.96	520.72			
8/15/99 23:30	1022.88	30.21	0.688	119.16	246.49	520.94			
8/15/99 23:45	1022.88	30.21	0.684	119.16	246.49	519.53			
8/16/99 0:00	1022.88	30.21	0.687	119.16	246.49	520.48	520.18		
8/16/99 0:15	1022.88	30.21	0.686	118.90	246.02	519.82			
8/16/99 0:30	1023.00	30.21	0.687	118.64	245.55	520.10			
8/16/99 0:45	1023.25	30.22	0.685	118.12	244.61	518.97			
8/16/99 1:00	1023.38	30.22	0.688	117.85	244.14	519.72	518.89		
8/16/99 1:15	1023.25	30.22	0.685	117.33	243.20	518.45			
8/16/99 1:30	1023.13	30.21	0.683	116.81	242.26	517.19			
8/16/99 1:45	1023.13	30.21	0.681	116.55	241.79	516.53			
8/16/99 2:00	1023.13	30.21	0.686	116.55	241.79	518.42	517.35		
8/16/99 2:15	1023.00	30.21	0.684	116.29	241.32	517.60			
8/16/99 2:30	1022.75	30.20	0.683	116.02	240.84	517.00			
8/16/99 2:45	1022.63	30.20	0.683	116.02	240.84	517.03			
8/16/99 3:00	1022.50	30.19	0.683	116.02	240.84	516.83	516.90		
8/16/99 3:15	1022.38	30.19	0.683	115.50	239.90	516.52			
8/16/99 3:30	1022.50	30.19	0.684	115.76	240.37	517.11			
8/16/99 3:45	1022.50	30.19	0.684	115.76	240.37	517.11			
8/16/99 4:00	1022.50	30.19	0.683	115.24	239.43	516.54	516.67		
8/16/99 4:15	1022.63	30.20	0.683	115.24	239.43	516.28			
8/16/99 4:30	1022.63	30.20	0.683	114.98	238.96	516.33			
8/16/99 4:45	1022.75	30.20	0.685	114.98	238.96	517.02			
8/16/99 5:00	1022.88	30.21	0.688	115.24	239.43	518.33	517.10		
8/16/99 5:15	1023.00	30.21	0.685	114.98	238.96	516.96			
8/16/99 5:30	1023.25	30.22	0.684	115.24	239.43	516.84			
8/16/99 5:45	1023.25	30.22	0.685	114.98	238.96	516.69			
8/16/99 6:00	1023.25	30.22	0.684	114.72	238.49	516.49	516.63		
8/16/99 6:15	1023.25	30.22	0.686	114.72	238.49	516.94			
8/16/99 6:30	1023.38	30.22	0.683	114.72	238.49	515.97			
8/16/99 6:45	1023.38	30.22	0.686	114.72	238.49	516.91			
8/16/99 7:00	1023.38	30.22	0.685	114.46	238.02	516.51	516.31		
8/16/99 7:15	1023.50	30.22	0.684	114.72	238.49	516.16			
8/16/99 7:30	1023.38	30.22	0.683	114.72	238.49	515.97			
8/16/99 7:45	1023.50	30.22	0.683	114.46	238.02	515.76			
8/16/99 8:00	1023.50	30.22	0.686	115.24	239.43	517.23	516.63		
8/16/99 8:15	1023.63	30.23	0.682	115.50	239.90	515.97			
8/16/99 8:30	1023.75	30.23	0.719	114.46	238.02	529.23			
8/16/99 8:45	1023.88	30.23	0.710	114.20	237.55	525.55			
8/16/99 9:00	1024.00	30.24	0.681	117.07	242.73	516.65	521.56		
8/16/99 9:15	1024.25	30.25	0.684	117.59	243.67	517.68			
8/16/99 9:30	1024.25	30.25	0.684	118.12	244.61	518.49			
8/16/99 9:45	1024.38	30.25	0.686	118.90	246.02	519.44			
8/16/99 10:00	1024.50	30.25	0.685	119.16	246.49	519.35	519.48		
8/16/99 10:15	1024.50	30.25	0.687	119.68	247.43	520.42			
8/16/99 10:30	1024.38	30.25	0.685	119.68	247.43	519.73			
8/16/99 10:45	1024.38	30.25	0.688	120.21	248.37	521.02			
8/16/99 11:00	1024.25	30.25	0.686	120.73	249.31	521.40	521.10		
8/16/99 11:15	1024.25	30.25	0.687	120.99	249.78	521.34			
8/16/99 11:30	1024.38	30.25	0.689	120.99	249.78	521.99			
8/16/99 11:45	1024.13	30.24	0.689	121.51	250.72	522.40			
8/16/99 12:00	1024.25	30.25	0.687	121.77	251.19	521.66	522.37		
8/16/99 12:15	1024.13	30.24	0.692	121.51	250.72	523.62			
8/16/99 12:30	1023.88	30.23	0.687	121.77	251.19	521.96			
8/16/99 12:45	1023.63	30.23	0.689	122.82	253.07	523.66			
8/16/99 13:00	1023.50	30.22	0.689	122.56	252.60	523.52	523.27		
8/16/99 13:15	1023.25	30.22	0.688	122.82	253.07	523.04			
8/16/99 13:30	1023.13	30.21	0.690	123.08	253.54	524.19			
8/16/99 13:45	1022.75	30.20	0.690	123.34	254.01	524.46			
8/16/99 14:00	1022.75	30.20	0.688	123.34	254.01	523.74	524.72		
8/16/99 14:15	1022.63	30.20	0.692	124.13	255.43	525.73			
8/16/99 14:30	1022.50	30.19	0.691	124.13	255.43	525.50			
8/16/99 14:45	1022.38	30.19	0.689	124.13	255.43	524.58			
8/16/99 15:00	1022.25	30.19	0.691	124.65	256.37	525.91	525.92		
8/16/99 15:15	1022.00	30.18	0.693	125.17	257.31	527.04			
8/16/99 15:30	1022.00	30.18	0.692	125.17	257.31	526.58			
8/16/99 15:45	1021.88	30.18	0.688	125.43	257.78	525.34			
8/16/99 16:00	1021.63	30.17	0.692	125.69	258.25	527.02	526.39		
8/16/99 16:15	1021.50	30.16	0.691	125.69	258.25	526.79			
8/16/99 16:30	1021.38	30.16	0.689	126.22	259.19	526.21			
8/16/99 16:45	1021.38	30.16	0.691	126.48	259.66	527.11			
8/16/99 17:00	1021.25	30.16	0.691	125.95	258.72	526.80	526.65		
8/16/99 17:15	1021.13	30.15	0.691	125.95	258.72	527.06			
8/16/99 17:30	1021.00	30.15	0.689	125.43	257.78	526.06			
8/16/99 17:45	1020.88	30.15	0.689	125.95	258.72	526.44			
8/16/99 18:00	1020.63	30.14	0.691	126.22	259.19	527.13	526.40		
8/16/99 18:15	1020.63	30.14	0.689	125.95	258.72	526.50			
8/16/99 18:30	1020.50	30.14	0.688	125.69	258.25	525.87			
8/16/99 18:45	1020.50	30.14	0.689	125.43	257.78	525.92			
8/16/99 19:00	1020.38	30.13	0.691	125.17	257.31	526.51	525.99		
8/16/99 19:15	1020.25	30.13	0.692	124.91	256.84	526.88			
8/16/99 19:30	1020.38	30.13	0.688	124.39	255.90	524.81			
8/16/99 19:45	1020.50	30.14	0.686	123.60	254.48	523.76			
8/16/99 20:00	1020.25	30.13	0.688	123.08	253.54	523.98	523.83		
8/16/99 20:15	1020.13	30.12	0.686	122.82	253.07	523.11			
8/16/99 20:30	1020.25	30.13	0.685	122.30	252.13	522.51			
8/16/99 20:45	1020.25	30.13	0.686	121.77	251.19	522.39			
8/16/99 21:00	1020.13	30.12	0.684	120.99	249.78	521.45	521.14		
8/16/99 21:15	1020.13	30.12	0.682	120.21	248.37	519.97			
8/16/99 21:30	1020.13	30.12	0.681	119.68	247.43	519.36			
8/16/99 21:45	1020.13	30.12	0.683	119.42	246.96	519.88			
8/16/99 22:00	1020.25	30.13	0.683	119.16	246.49	519.71	519.24		
8/16/99 22:15	1020.13	30.12	0.680	119.16	246.49	518.56			
8/16/99 22:30	1020.00	30.12	0.681	118.90	246.02	518.88			
8/16/99 22:45	1019.88	30.12	0.680	118.38	245.08	518.10			
8/16/99 23:00	1019.88	30.12	0.681	118.38	245.08	518.56	518.36		
8/16/99 23:15	1020.00	30.12	0.681	118.12	244.61	518.36			
8/16/99 23:30	1020.00	30.12	0.680	118.12	244.61	517.90			
8/16/99 23:45	1020.25	30.13	0.681	118.12	244.61	518.29			
8/17/99 0:00	1020.38	30.13	0.681	117.85	244.14	518.09	518.34		
8/17/99 0:15	1020.25	30.13	0.684	118.12	244.61	519.51			
8/17/99 0:30	1020.25	30.13	0.681	117.85	244.14	517.89			
8/17/99 0:45	1020.25	30.13	0.683	117.85	244.14	518.61			
8/17/99 1:00	1020.25	30.13	0.683	117.85	244.14	518.61	518.11		
8/17/99 1:15	1020.38	30.13	0.681	117.59	243.67	517.92			
8/17/99 1:30	1020.38	30.13	0.681	117.33	243.20	517.51			
8/17/99 1:45	1020.25	30.13	0.681	117.07	242.73	517.37			
8/17/99 2:00	1020.25	30.13	0.683	118.55	241.79	517.75	517.18		
8/17/99 2:15	1020.13	30.12	0.681	118.55	241.79	517.06			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/14/99 15:00	1017.50	30.05	0.674	113.15	235.67	512.85	513.21		
8/14/99 15:15	1017.75	30.05	0.675	113.15	235.67	513.28			
8/14/99 15:30	1017.75	30.05	0.674	112.89	235.20	512.88			
8/14/99 15:45	1017.63	30.05	0.676	112.89	235.20	513.36			
8/14/99 16:00	1017.63	30.05	0.674	113.15	235.67	513.08	512.91		
8/14/99 16:15	1017.75	30.05	0.673	112.11	233.79	511.86			
8/14/99 16:30	1017.75	30.05	0.676	112.63	234.73	513.39			
8/14/99 16:45	1017.75	30.05	0.676	113.15	235.67	513.50			
8/14/99 17:00	1017.75	30.05	0.680	114.46	238.02	516.04	514.21		
8/14/99 17:15	1017.88	30.06	0.676	113.93	237.08	513.99			
8/14/99 17:30	1017.88	30.06	0.677	113.41	236.14	514.14			
8/14/99 17:45	1017.75	30.05	0.677	114.72	238.49	515.04			
8/14/99 18:00	1017.75	30.05	0.679	113.67	236.61	515.29	514.85		
8/14/99 18:15	1017.50	30.05	0.678	114.72	238.49	515.33			
8/14/99 18:30	1017.38	30.04	0.676	114.46	238.02	514.47			
8/14/99 18:45	1017.38	30.04	0.678	114.98	238.96	515.76			
8/14/99 19:00	1017.38	30.04	0.676	115.50	239.90	515.39	515.19		
8/14/99 19:15	1017.38	30.04	0.678	114.72	238.49	515.59			
8/14/99 19:30	1017.50	30.05	0.677	114.20	237.55	514.76			
8/14/99 19:45	1017.50	30.05	0.675	113.67	236.61	513.69			
8/14/99 20:00	1017.63	30.05	0.678	113.93	237.08	514.78	514.89		
8/14/99 20:15	1017.75	30.05	0.679	114.46	238.02	515.55			
8/14/99 20:30	1017.88	30.06	0.679	114.72	238.49	515.69			
8/14/99 20:45	1017.88	30.06	0.679	114.98	238.96	515.87			
8/14/99 21:00	1018.00	30.06	0.679	115.50	239.90	516.45	516.59		
8/14/99 21:15	1018.00	30.06	0.682	115.24	239.43	517.22			
8/14/99 21:30	1018.13	30.07	0.682	116.02	240.84	517.71			
8/14/99 21:45	1018.50	30.08	0.683	116.55	241.79	518.19			
8/14/99 22:00	1018.88	30.09	0.684	116.55	241.79	518.82	518.11		
8/14/99 22:15	1019.13	30.09	0.682	116.55	241.79	517.81			
8/14/99 22:30	1019.25	30.10	0.683	116.55	241.79	518.00			
8/14/99 22:45	1019.50	30.11	0.683	117.07	242.73	518.51			
8/14/99 23:00	1019.75	30.11	0.683	117.07	242.73	518.45	516.73		
8/14/99 23:15	1019.75	30.11	0.686	117.07	242.73	519.40			
8/14/99 23:30	1019.88	30.12	0.685	117.33	243.20	519.31			
8/14/99 23:45	1019.75	30.11	0.683	117.33	243.20	518.62			
8/15/99 0:00	1019.88	30.12	0.883	117.33	243.20	518.59	518.87		
8/15/99 0:15	1020.00	30.12	0.884	117.33	243.20	519.05			
8/15/99 0:30	1020.00	30.12	0.884	117.33	243.20	518.79			
8/15/99 0:45	1020.13	30.12	0.683	117.59	243.87	518.70			
8/15/99 1:00	1020.25	30.13	0.683	117.33	243.20	518.50	518.76		
8/15/99 1:15	1020.13	30.12	0.687	117.33	243.20	519.97			
8/15/99 1:30	1020.00	30.12	0.881	117.33	243.20	517.84			
8/15/99 1:45	1019.75	30.11	0.683	117.07	242.73	518.45			
8/15/99 2:00	1019.75	30.11	0.684	117.33	243.20	518.85	518.54		
8/15/99 2:15	1019.63	30.11	0.683	116.61	242.26	518.31			
8/15/99 2:30	1019.50	30.11	0.685	117.07	242.73	519.23			
8/15/99 2:45	1019.38	30.10	0.684	117.07	242.73	518.77			
8/15/99 3:00	1019.38	30.10	0.884	116.55	241.79	516.69	518.39		
8/15/99 3:15	1019.38	30.10	0.682	115.76	240.37	517.22			
8/15/99 3:30	1019.38	30.10	0.883	118.29	241.32	518.02			
8/15/99 3:45	1019.50	30.11	0.680	116.02	240.84	516.64			
8/15/99 4:00	1019.75	30.11	0.681	116.29	241.32	516.98	517.33		
8/15/99 4:15	1019.75	30.11	0.683	116.55	241.79	518.10			
8/15/99 4:30	1019.88	30.12	0.682	115.50	239.90	516.92			
8/15/99 4:45	1019.88	30.12	0.662	115.24	239.43	516.75			
8/15/99 5:00	1020.00	30.12	0.880	115.24	239.43	516.00	517.01		
8/15/99 5:15	1020.25	30.13	0.684	115.76	240.37	517.95			
8/15/99 5:30	1020.25	30.13	0.683	115.76	240.37	517.45			
8/15/99 5:45	1020.50	30.14	0.683	115.50	239.90	517.22			
8/15/99 6:00	1020.63	30.14	0.683	115.50	239.90	517.19	517.08		
8/15/99 6:15	1020.63	30.14	0.683	115.24	239.43	516.78			
8/15/99 6:30	1020.88	30.15	0.683	114.98	238.96	516.77			
8/15/99 6:45	1021.13	30.15	0.685	114.98	238.96	517.43			
8/15/99 7:00	1021.38	30.16	0.683	114.98	238.96	516.65	516.60		
8/15/99 7:15	1021.50	30.16	0.683	114.46	238.02	516.27			
8/15/99 7:30	1021.63	30.17	0.683	113.93	237.08	515.89			
8/15/99 7:45	1021.63	30.17	0.683	114.46	238.02	516.01			
8/15/99 8:00	1021.75	30.17	0.681	115.24	239.43	516.01	516.43		
8/15/99 8:15	1021.88	30.18	0.684	115.24	239.43	516.92			
8/15/99 8:30	1022.00	30.18	0.684	115.50	239.90	517.33			
8/15/99 8:45	1022.13	30.18	0.682	114.98	238.96	516.00			
8/15/99 9:00	1022.25	30.19	0.682	114.72	238.49	515.80	516.14		
8/15/99 9:15	1022.25	30.19	0.681	114.46	238.02	515.36			
8/15/99 9:30	1022.38	30.19	0.681	115.76	240.37	516.20			
8/15/99 9:45	1022.50	30.19	0.680	114.98	238.96	515.19			
8/15/99 10:00	1022.63	30.20	0.685	115.50	239.90	517.40	516.23		
8/15/99 10:15	1022.75	30.20	0.679	115.24	239.43	514.81			
8/15/99 10:30	1022.75	30.20	0.685	115.76	240.37	517.54			
8/15/99 10:45	1022.75	30.20	0.684	116.29	241.32	517.66			
8/15/99 11:00	1022.75	30.20	0.681	116.29	241.32	516.45	516.05		
8/15/99 11:15	1022.75	30.20	0.885	117.33	243.20	518.56			
8/15/99 11:30	1022.75	30.20	0.887	118.38	245.08	519.99			
8/15/99 11:45	1022.75	30.20	0.685	118.12	244.61	519.10			
8/15/99 12:00	1022.63	30.20	0.885	117.85	244.14	518.96	519.48		
8/15/99 12:15	1022.50	30.19	0.684	117.85	244.14	518.76			
8/15/99 12:30	1022.38	30.19	0.888	118.64	245.55	520.49			
8/15/99 12:45	1022.25	30.19	0.686	119.42	246.96	520.32			
8/15/99 13:00	1022.13	30.18	0.684	119.88	247.43	519.81	520.68		
8/15/99 13:15	1022.00	30.18	0.688	119.94	247.90	521.45			
8/15/99 13:30	1021.86	30.18	0.686	120.47	248.84	521.34			
8/15/99 13:45	1021.75	30.17	0.686	121.25	250.25	521.66			
8/15/99 14:00	1021.63	30.17	0.685	121.25	250.25	521.46	522.12		
8/15/99 14:15	1021.50	30.16	0.689	121.25	250.25	523.17			
8/15/99 14:30	1021.38	30.18	0.688	122.03	251.66	523.00			
8/15/99 14:45	1021.25	30.16	0.688	122.56	252.60	523.37			
8/15/99 15:00	1021.25	30.16	0.686	122.56	252.60	522.88	522.99		
8/15/99 15:15	1021.25	30.16	0.688	122.82	253.07	522.82			
8/15/99 15:30	1021.13	30.15	0.688	121.77	251.19	522.89			
8/15/99 15:45	1021.00	30.15	0.685	120.99	249.78	521.45			
8/15/99 16:00	1020.88	30.15	0.688	122.30	252.13	523.30	523.20		
8/15/99 16:15	1020.75	30.14	0.889	123.34	254.01	524.48			
8/15/99 16:30	1020.88	30.15	0.688	122.82	253.07	523.87			
8/15/99 16:45	1020.88	30.15	0.683	121.77	251.19	521.28			
8/15/99 17:00	1020.75	30.14	0.889	122.82	253.07	524.13	522.87		
8/15/99 17:15	1020.88	30.15	0.686	123.08	253.54	523.09			
8/15/99 17:30	1021.00	30.15	0.685	121.77	251.19	521.97			
8/15/99 17:45	1021.13	30.15	0.684	120.99	249.78	520.92			
8/15/99 18:00	1021.00	30.15	0.887	121.51	250.72	522.52	521.80		
8/15/99 18:15	1021.00	30.15	0.688	120.99	249.78	521.91			
8/15/99 18:30	1021.00	30.15	0.686	120.99	249.78	521.88			
8/15/99 18:45	1020.88	30.15	0.885	120.73	249.31	521.31			
8/15/99 19:00	1020.88	30.15	0.681	118.90	246.02	518.85	519.84		
8/15/99 19:15	1021.00	30.15	0.683	118.12	244.61	518.83			
8/15/99 19:30	1021.00	30.15	0.682	118.64	245.55	518.72			
8/15/99 19:45	1021.13	30.15	0.685	119.16	246.49	520.21			
8/15/99 20:00	1021.25	30.18	0.684	119.68	247.43	520.29	519.96		
8/15/99 20:15	1021.50	30.16	0.683	119.16	246.49	519.39			
8/15/99 20:30	1021.50	30.18	0.687	119.88	247.43	521.16			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/13/99 9:15	1009.13	29.80	0.674	119.94	247.90	519.75			
8/13/99 9:30	1008.75	29.79	0.675	119.94	247.90	520.07			
8/13/99 9:45	1008.88	29.79	0.673	119.94	247.90	519.08			
8/13/99 10:00	1008.75	29.79	0.675	120.21	248.37	520.25	520.30		
8/13/99 10:15	1008.88	29.79	0.678	120.47	248.84	521.35			
8/13/99 10:30	1008.88	29.79	0.675	120.99	249.78	520.73			
8/13/99 10:45	1008.75	29.79	0.674	121.77	251.19	521.05			
8/13/99 11:00	1008.50	29.78	0.677	121.77	251.19	522.08	521.57		
8/13/99 11:15	1008.25	29.77	0.673	122.56	252.60	521.19			
8/13/99 11:30	1008.38	29.78	0.677	122.82	253.07	522.60			
8/13/99 11:45	1008.50	29.78	0.679	123.34	254.01	523.81			
8/13/99 12:00	1008.75	29.79	0.675	123.34	254.01	522.31	523.60		
8/13/99 12:15	1008.88	29.79	0.681	124.13	255.43	524.96			
8/13/99 12:30	1008.88	29.79	0.678	124.65	256.37	524.11			
8/13/99 12:45	1008.75	29.79	0.679	124.91	256.84	525.05			
8/13/99 13:00	1008.75	29.79	0.678	125.43	257.78	524.66	525.06		
8/13/99 13:15	1008.75	29.79	0.679	125.69	258.25	525.56			
8/13/99 13:30	1008.63	29.78	0.679	126.22	259.19	525.94			
8/13/99 13:45	1008.63	29.78	0.680	125.95	258.72	526.00			
8/13/99 14:00	1008.63	29.78	0.681	125.95	258.72	526.47	526.02		
8/13/99 14:15	1008.50	29.78	0.678	126.22	259.19	525.24			
8/13/99 14:30	1008.50	29.78	0.681	126.22	259.19	526.44			
8/13/99 14:45	1008.63	29.78	0.679	126.22	259.19	525.94			
8/13/99 15:00	1008.63	29.78	0.683	126.48	259.66	527.31	527.04		
8/13/99 15:15	1008.63	29.78	0.684	127.00	260.60	528.12			
8/13/99 15:30	1008.38	29.78	0.681	127.26	261.07	527.39			
8/13/99 15:45	1008.13	29.77	0.681	127.26	261.07	527.22			
8/13/99 16:00	1007.88	29.76	0.682	127.00	260.60	527.62	527.29		
8/13/99 16:15	1007.75	29.76	0.681	127.00	260.60	527.38			
8/13/99 16:30	1007.50	29.75	0.680	126.74	260.13	526.81			
8/13/99 16:45	1007.38	29.75	0.681	127.00	260.60	527.48			
8/13/99 17:00	1007.25	29.74	0.679	127.00	260.60	526.54	526.72		
8/13/99 17:15	1007.00	29.74	0.678	127.00	260.60	526.14			
8/13/99 17:30	1007.00	29.74	0.679	127.00	260.60	526.61			
8/13/99 17:45	1006.75	29.73	0.680	127.00	260.60	527.18			
8/13/99 18:00	1006.75	29.73	0.679	127.00	260.60	528.95	526.98		
8/13/99 18:15	1006.63	29.73	0.679	127.00	260.60	526.98			
8/13/99 18:30	1006.75	29.73	0.680	127.00	260.60	527.18			
8/13/99 18:45	1006.75	29.73	0.679	126.48	259.66	526.33			
8/13/99 19:00	1006.63	29.73	0.678	126.48	259.66	526.13	526.16		
8/13/99 19:15	1006.63	29.73	0.679	125.95	258.72	528.02			
8/13/99 19:30	1006.63	29.73	0.677	125.69	258.25	525.15			
8/13/99 19:45	1006.75	29.73	0.679	125.69	258.25	525.82			
8/13/99 20:00	1006.75	29.73	0.678	125.69	258.25	525.58	525.30		
8/13/99 20:15	1006.75	29.73	0.678	125.17	257.31	525.01			
8/13/99 20:30	1007.38	29.75	0.679	124.65	256.37	524.96			
8/13/99 20:45	1008.13	29.77	0.678	123.60	254.48	523.85			
8/13/99 21:00	1008.50	29.78	0.674	121.51	250.72	520.94	521.06		
8/13/99 21:15	1009.13	29.80	0.673	119.88	247.43	518.84			
8/13/99 21:30	1009.63	29.81	0.670	118.12	244.61	516.71			
8/13/99 21:45	1010.00	29.83	0.674	118.64	245.55	518.39			
8/13/99 22:00	1010.50	29.84	0.677	119.94	247.90	520.35	519.51		
8/13/99 22:15	1010.75	29.85	0.678	120.21	248.37	520.69			
8/13/99 22:30	1010.75	29.85	0.679	120.21	248.37	521.42			
8/13/99 22:45	1010.88	29.85	0.678	119.94	247.90	519.76			
8/13/99 23:00	1010.88	29.85	0.677	119.88	247.43	520.08	520.35		
8/13/99 23:15	1010.88	29.85	0.678	119.42	246.96	520.14			
8/13/99 23:30	1011.00	29.85	0.678	119.42	246.96	520.34			
8/13/99 23:45	1010.88	29.85	0.678	119.16	246.49	520.20			
8/14/99 0:00	1010.75	29.85	0.678	119.18	246.49	519.50	519.85		
8/14/99 0:15	1010.75	29.85	0.678	118.90	246.02	519.83			
8/14/99 0:30	1010.88	29.85	0.677	118.64	245.55	519.39			
8/14/99 0:45	1011.00	29.85	0.674	118.38	245.08	517.96			
8/14/99 1:00	1011.13	29.88	0.677	118.38	245.08	519.15	519.08		
8/14/99 1:15	1011.13	29.88	0.677	118.38	245.08	519.15			
8/14/99 1:30	1011.13	29.88	0.678	118.90	246.02	519.73			
8/14/99 1:45	1011.00	29.85	0.676	118.90	246.02	519.26			
8/14/99 2:00	1011.13	29.88	0.678	118.90	246.02	519.73	519.44		
8/14/99 2:15	1011.00	29.85	0.677	118.64	245.55	519.36			
8/14/99 2:30	1011.00	29.85	0.678	118.64	245.55	519.09			
8/14/99 2:45	1011.00	29.85	0.678	118.64	245.55	519.09			
8/14/99 3:00	1010.88	29.85	0.678	118.90	246.02	519.30	518.97		
8/14/99 3:15	1011.00	29.85	0.674	118.90	246.02	518.57			
8/14/99 3:30	1011.00	29.85	0.675	118.90	246.02	518.80			
8/14/99 3:45	1011.13	29.88	0.675	118.90	246.02	518.77			
8/14/99 4:00	1011.25	29.88	0.678	118.64	245.55	519.76	518.89		
8/14/99 4:15	1011.25	29.88	0.676	118.12	244.61	518.88			
8/14/99 4:30	1011.50	29.87	0.678	117.85	244.14	518.44			
8/14/99 4:45	1011.50	29.87	0.676	118.12	244.61	518.39			
8/14/99 5:00	1011.63	29.87	0.677	117.59	243.67	518.51	518.44		
8/14/99 5:15	1011.75	29.88	0.676	117.85	244.14	518.38			
8/14/99 5:30	1011.75	29.88	0.677	117.59	243.67	518.47			
8/14/99 5:45	1011.75	29.88	0.673	117.59	243.67	517.02			
8/14/99 6:00	1011.75	29.88	0.676	117.85	244.14	516.15	517.94		
8/14/99 6:15	1011.88	29.88	0.678	117.59	243.67	517.94			
8/14/99 6:30	1012.13	29.89	0.676	117.59	243.67	518.11			
8/14/99 6:45	1012.38	29.90	0.676	117.59	243.67	516.05			
8/14/99 7:00	1012.63	29.90	0.676	117.59	243.67	517.75	517.99		
8/14/99 7:15	1012.88	29.91	0.676	117.59	243.67	517.69			
8/14/99 7:30	1013.13	29.92	0.678	117.59	243.67	518.35			
8/14/99 7:45	1013.25	29.92	0.678	117.07	242.73	517.25			
8/14/99 8:00	1013.50	29.93	0.676	117.33	243.20	517.36	517.93		
8/14/99 8:15	1013.63	29.93	0.660	117.33	243.20	519.01			
8/14/99 8:30	1013.75	29.94	0.678	116.81	242.26	517.67			
8/14/99 8:45	1014.00	29.94	0.678	116.55	241.79	516.71			
8/14/99 9:00	1014.13	29.95	0.678	115.76	240.37	516.39	516.41		
8/14/99 9:15	1014.25	29.95	0.674	115.24	239.43	515.32			
8/14/99 9:30	1014.25	29.95	0.676	115.50	239.90	515.95			
8/14/99 9:45	1014.50	29.96	0.676	114.98	238.96	515.77			
8/14/99 10:00	1014.63	29.96	0.674	114.46	238.02	514.71	514.88		
8/14/99 10:15	1014.75	29.97	0.673	114.20	237.55	514.00			
8/14/99 10:30	1014.88	29.97	0.674	113.67	236.61	513.88			
8/14/99 10:45	1015.00	29.97	0.671	113.15	235.67	512.52			
8/14/99 11:00	1015.38	29.98	0.671	113.15	235.67	512.43	513.36		
8/14/99 11:15	1015.50	29.99	0.675	113.15	235.67	513.85			
8/14/99 11:30	1015.75	30.00	0.675	113.67	236.61	514.13			
8/14/99 11:45	1016.00	30.00	0.674	114.20	237.55	514.18			
8/14/99 12:00	1016.00	30.00	0.676	114.72	238.49	515.22	515.20		
8/14/99 12:15	1016.13	30.01	0.678	115.24	239.43	516.03			
8/14/99 12:30	1016.38	30.01	0.679	115.24	239.43	516.42			
8/14/99 12:45	1016.63	30.02	0.676	113.93	237.08	514.54			
8/14/99 13:00	1016.75	30.02	0.676	113.67	236.61	514.33	514.54		
8/14/99 13:15	1016.88	30.03	0.675	113.15	235.67	513.50			
8/14/99 13:30	1016.88	30.03	0.676	113.41	236.14	513.90			
8/14/99 13:45	1017.00	30.03	0.676	113.67	236.61	514.27			
8/14/99 14:00	1017.00	30.03	0.678	113.41	236.14	514.10	514.21		
8/14/99 14:15	1017.00	30.03	0.678	113.67	236.61	514.99			
8/14/99 14:30	1017.13	30.04	0.675	113.67	236.61	513.78			
8/14/99 14:45	1017.25	30.04	0.674	113.67	236.61	513.25			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/12/99 3:30	1015.63	29.99	0.668	118.38	245.08	514.62			
8/12/99 3:45	1015.63	29.99	0.670	118.64	245.55	515.53			
8/12/99 4:00	1015.75	30.00	0.669	118.12	244.61	514.65	514.62		
8/12/99 4:15	1015.50	29.99	0.668	118.12	244.61	513.52			
8/12/99 4:30	1015.63	29.99	0.669	117.85	244.14	514.78			
8/12/99 4:45	1015.63	29.99	0.670	118.12	244.61	515.18			
8/12/99 5:00	1015.50	29.99	0.671	118.12	244.61	515.45	514.94		
8/12/99 5:15	1015.63	29.99	0.669	118.12	244.61	514.68			
8/12/99 5:30	1015.63	29.99	0.669	117.59	243.67	514.81			
8/12/99 5:45	1015.75	30.00	0.668	117.59	243.67	513.85			
8/12/99 6:00	1015.75	30.00	0.670	117.85	244.14	514.98	514.81		
8/12/99 6:15	1015.75	30.00	0.669	117.59	243.67	514.58			
8/12/99 6:30	1015.75	30.00	0.671	117.59	243.67	515.04			
8/12/99 6:45	1015.75	30.00	0.669	117.33	243.20	514.41			
8/12/99 7:00	1015.75	30.00	0.671	117.59	243.67	515.27	514.81		
8/12/99 7:15	1016.00	30.00	0.669	117.59	243.67	514.25			
8/12/99 7:30	1016.25	30.01	0.671	117.85	244.14	515.08			
8/12/99 7:45	1016.50	30.02	0.672	117.59	243.67	515.35			
8/12/99 8:00	1016.75	30.02	0.728	114.96	238.96	534.61	518.25		
8/12/99 8:15	1016.75	30.02	0.663	118.38	245.08	512.41			
8/12/99 8:30	1016.88	30.03	0.665	119.42	246.96	513.60			
8/12/99 8:45	1017.00	30.03	0.668	119.94	247.90	515.07			
8/12/99 9:00	1016.88	30.03	0.669	120.21	248.37	515.74	515.46		
8/12/99 9:15	1017.00	30.03	0.668	120.73	249.31	515.82			
8/12/99 9:30	1017.00	30.03	0.671	120.99	249.78	516.95			
8/12/99 9:45	1017.00	30.03	0.670	121.51	250.72	517.06			
8/12/99 10:00	1017.00	30.03	0.669	121.77	251.19	517.00	517.73		
8/12/99 10:15	1017.00	30.03	0.671	122.30	252.13	516.04			
8/12/99 10:30	1017.13	30.04	0.674	122.82	253.07	519.59			
8/12/99 10:45	1017.25	30.04	0.675	123.08	253.54	519.96			
8/12/99 11:00	1017.25	30.04	0.677	123.08	253.54	520.89	520.17		
8/12/99 11:15	1017.25	30.04	0.673	123.34	254.01	519.39			
8/12/99 11:30	1017.38	30.04	0.678	123.60	254.48	521.23			
8/12/99 11:45	1017.38	30.04	0.677	123.60	254.48	521.00			
8/12/99 12:00	1017.25	30.04	0.678	123.60	254.48	521.49	521.82		
8/12/99 12:15	1017.25	30.04	0.681	124.13	255.43	523.03			
8/12/99 12:30	1017.25	30.04	0.679	124.13	255.43	522.34			
8/12/99 12:45	1017.25	30.04	0.681	124.65	256.37	523.14			
8/12/99 13:00	1017.13	30.04	0.679	124.13	255.43	522.37	523.05		
8/12/99 13:15	1017.25	30.04	0.682	124.65	256.37	523.64			
8/12/99 13:30	1017.25	30.04	0.683	124.13	255.43	523.76			
8/12/99 13:45	1016.75	30.02	0.680	123.60	254.48	522.35			
8/12/99 14:00	1016.63	30.02	0.681	123.66	254.95	522.78	523.06		
8/12/99 14:15	1016.50	30.02	0.681	124.13	255.43	522.99			
8/12/99 14:30	1016.38	30.01	0.681	124.39	255.90	523.42			
8/12/99 14:45	1016.13	30.01	0.679	124.39	255.90	522.53			
8/12/99 15:00	1016.00	30.00	0.685	124.39	255.90	524.98	523.49		
8/12/99 15:15	1015.88	30.00	0.681	124.13	255.43	523.15			
8/12/99 15:30	1015.75	30.00	0.681	124.39	255.90	523.35			
8/12/99 15:45	1015.50	29.99	0.683	124.39	255.90	524.15			
8/12/99 16:00	1015.13	29.98	0.681	124.39	255.90	523.75	523.63		
8/12/99 16:15	1015.00	29.97	0.681	123.86	254.95	523.43			
8/12/99 16:30	1014.88	29.97	0.681	123.86	254.95	523.47			
8/12/99 16:45	1014.50	29.96	0.683	123.86	254.95	524.06			
8/12/99 17:00	1013.88	29.94	0.681	123.86	254.95	523.72	523.62		
8/12/99 17:15	1013.75	29.94	0.681	123.86	254.95	523.53			
8/12/99 17:30	1013.63	29.93	0.680	123.86	254.95	523.33			
8/12/99 17:45	1013.25	29.92	0.676	124.13	255.43	521.90			
8/12/99 18:00	1013.13	29.92	0.680	123.86	254.95	523.46	523.04		
8/12/99 18:15	1013.13	29.92	0.680	123.66	254.95	523.46			
8/12/99 18:30	1013.00	29.91	0.679	123.60	254.48	523.09			
8/12/99 18:45	1012.63	29.90	0.679	123.34	254.01	522.74			
8/12/99 19:00	1012.50	29.90	0.681	123.34	254.01	523.50	522.89		
8/12/99 19:15	1012.83	29.90	0.678	123.34	254.01	522.51			
8/12/99 19:30	1012.38	29.90	0.679	123.08	253.54	522.63			
8/12/99 19:45	1012.38	29.90	0.678	123.08	253.54	522.40			
8/12/99 20:00	1012.25	29.89	0.675	122.82	253.07	521.07	522.09		
8/12/99 20:15	1012.38	29.90	0.678	122.56	252.60	522.06			
8/12/99 20:30	1012.38	29.90	0.679	122.56	252.60	522.29			
8/12/99 20:45	1012.38	29.90	0.679	122.30	252.13	522.12			
8/12/99 21:00	1012.38	29.90	0.679	122.03	251.66	521.94	521.63		
8/12/99 21:15	1012.50	29.90	0.679	121.77	251.19	521.74			
8/12/99 21:30	1012.38	29.90	0.678	120.99	249.78	520.06			
8/12/99 21:45	1012.13	29.89	0.676	120.21	248.37	519.61			
8/12/99 22:00	1012.00	29.88	0.674	120.21	248.37	519.18	519.64		
8/12/99 22:15	1011.75	29.86	0.675	119.94	247.90	519.30			
8/12/99 22:30	1011.75	29.86	0.677	119.94	247.90	520.03			
8/12/99 22:45	1011.75	29.88	0.677	120.21	248.37	520.20			
8/12/99 23:00	1011.75	29.88	0.677	120.21	248.37	520.20	520.01		
8/12/99 23:15	1011.50	29.87	0.676	119.94	247.90	519.60			
8/12/99 23:30	1011.50	29.87	0.676	120.21	248.37	520.00			
8/12/99 23:45	1011.75	29.88	0.680	120.47	248.84	521.57			
8/13/99 0:00	1012.25	29.89	0.671	118.12	244.61	518.50	519.56		
8/13/99 0:15	1012.13	29.89	0.675	119.94	247.90	519.21			
8/13/99 0:30	1012.50	29.90	0.677	120.99	249.78	520.53			
8/13/99 0:45	1012.13	29.89	0.679	121.77	251.19	522.10			
8/13/99 1:00	1012.25	29.89	0.681	122.03	251.66	522.71	521.85		
8/13/99 1:15	1012.13	29.89	0.679	121.51	250.72	521.66			
8/13/99 1:30	1012.13	29.89	0.678	121.25	250.25	521.26			
8/13/99 1:45	1011.88	29.88	0.678	120.73	249.31	520.75			
8/13/99 2:00	1011.38	29.87	0.676	120.73	249.31	520.38	520.76		
8/13/99 2:15	1011.13	29.86	0.676	120.73	249.31	520.44			
8/13/99 2:30	1010.75	29.85	0.677	120.99	249.78	520.98			
8/13/99 2:45	1010.38	29.84	0.676	120.99	249.78	520.56			
8/13/99 3:00	1010.25	29.83	0.675	120.99	249.78	520.38	520.55		
8/13/99 3:15	1010.25	29.83	0.676	120.47	248.84	520.26			
8/13/99 3:30	1010.38	29.84	0.677	120.21	248.37	520.56			
8/13/99 3:45	1011.25	29.86	0.675	120.21	248.37	519.60			
8/13/99 4:00	1011.38	29.87	0.676	120.73	249.31	520.38	520.04		
8/13/99 4:15	1010.88	29.85	0.676	120.99	249.78	520.45			
8/13/99 4:30	1010.88	29.85	0.674	120.21	248.37	519.20			
8/13/99 4:45	1010.75	29.85	0.678	120.47	248.84	521.10			
8/13/99 5:00	1010.75	29.85	0.674	120.47	248.84	519.67	519.72		
8/13/99 5:15	1010.63	29.84	0.675	120.21	248.37	519.78			
8/13/99 5:30	1010.50	29.84	0.673	119.94	247.90	518.89			
8/13/99 5:45	1010.63	29.84	0.675	119.42	246.96	519.24			
8/13/99 6:00	1010.50	29.84	0.676	119.18	246.49	519.57	519.20		
8/13/99 6:15	1010.25	29.83	0.674	119.16	246.49	518.94			
8/13/99 6:30	1010.38	29.84	0.676	119.16	246.49	519.37			
8/13/99 6:45	1011.25	29.86	0.677	119.42	246.96	519.81			
8/13/99 7:00	1011.63	29.87	0.675	119.94	247.90	519.33	519.84		
8/13/99 7:15	1011.75	29.88	0.678	119.94	247.90	520.26			
8/13/99 7:30	1011.88	29.88	0.678	120.21	248.37	520.40			
8/13/99 7:45	1011.63	29.87	0.675	120.21	248.37	519.51			
8/13/99 8:00	1011.13	29.86	0.677	119.94	247.90	520.19	519.86		
8/13/99 8:15	1010.88	29.85	0.676	119.94	247.90	519.76			
8/13/99 8:30	1010.50	29.84	0.675	119.68	247.43	519.45			
8/13/99 8:45	1009.88	29.82	0.677	119.94	247.90	520.51			
8/13/99 9:00	1009.25	29.80	0.674	119.94	247.90	519.44	519.84		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/10/99 21:45	1009.75	29.82	0.655	122.30	252.13	513.59			
8/10/99 22:00	1010.00	29.83	0.653	121.51	250.72	512.03	512.44		
8/10/99 22:15	1010.13	29.83	0.654	121.25	250.25	512.58			
8/10/99 22:30	1010.13	29.83	0.653	120.99	249.78	511.90			
8/10/99 22:45	1010.13	29.83	0.657	120.99	249.78	513.38			
8/10/99 23:00	1010.13	29.83	0.654	120.73	249.31	512.24	512.24		
8/10/99 23:15	1010.13	29.83	0.653	120.47	248.84	511.56			
8/10/99 23:30	1010.13	29.83	0.655	120.21	248.37	512.13			
8/10/99 23:45	1010.38	29.84	0.653	120.21	248.37	511.32			
8/11/99 0:00	1010.38	29.84	0.649	119.94	247.90	509.71	511.12		
8/11/99 0:15	1010.38	29.84	0.653	120.21	248.37	511.09			
8/11/99 0:30	1010.38	29.84	0.653	120.21	248.37	511.32			
8/11/99 0:45	1010.50	29.84	0.653	120.21	248.37	511.29			
8/11/99 1:00	1010.75	29.85	0.654	119.94	247.90	511.33	510.95		
8/11/99 1:15	1010.63	29.84	0.652	119.94	247.90	510.62			
8/11/99 1:30	1010.63	29.84	0.651	119.68	247.43	510.18			
8/11/99 1:45	1010.63	29.84	0.653	119.68	247.43	510.92			
8/11/99 2:00	1010.63	29.84	0.653	119.68	247.43	510.69	510.70		
8/11/99 2:15	1010.75	29.85	0.653	119.68	247.43	510.66			
8/11/99 2:30	1010.75	29.85	0.653	119.94	247.90	511.06			
8/11/99 2:45	1010.68	29.85	0.653	119.94	247.90	510.79			
8/11/99 3:00	1010.68	29.85	0.654	120.21	248.37	511.71	511.20		
8/11/99 3:15	1011.00	29.85	0.652	119.94	247.90	510.53			
8/11/99 3:30	1011.00	29.85	0.655	120.21	248.37	511.91			
8/11/99 3:45	1011.00	29.85	0.653	120.21	248.37	510.93			
8/11/99 4:00	1011.13	29.86	0.651	119.68	247.43	509.82	511.07		
8/11/99 4:15	1011.25	29.86	0.654	119.68	247.43	511.27			
8/11/99 4:30	1011.25	29.86	0.654	119.94	247.90	511.44			
8/11/99 4:45	1011.25	29.86	0.655	120.21	248.37	511.85			
8/11/99 5:00	1011.25	29.86	0.656	119.94	247.90	511.91	511.44		
8/11/99 5:15	1011.13	29.86	0.654	119.68	247.43	511.30			
8/11/99 5:30	1011.25	29.86	0.654	119.16	246.49	510.70			
8/11/99 5:45	1011.38	29.87	0.654	119.16	246.49	510.90			
8/11/99 6:00	1011.38	29.87	0.653	119.16	246.49	510.16	510.53		
8/11/99 6:15	1011.50	29.87	0.651	119.16	246.49	509.62			
8/11/99 6:30	1011.75	29.86	0.656	119.16	246.49	511.27			
8/11/99 6:45	1011.88	29.86	0.654	119.18	246.49	510.77			
8/11/99 7:00	1012.13	29.89	0.653	119.16	246.49	510.20	510.76		
8/11/99 7:15	1012.25	29.89	0.655	119.16	246.49	510.91			
8/11/99 7:30	1012.38	29.90	0.654	119.18	246.49	510.65			
8/11/99 7:45	1012.75	29.91	0.654	119.42	246.96	510.49			
8/11/99 8:00	1012.88	29.91	0.654	119.16	246.49	510.52	510.28		
8/11/99 8:15	1012.88	29.91	0.652	118.90	246.02	509.38			
8/11/99 8:30	1013.00	29.91	0.655	118.64	245.55	510.38			
8/11/99 8:45	1013.50	29.93	0.653	118.12	244.61	509.18			
8/11/99 9:00	1013.50	29.93	0.652	117.85	244.14	508.54	508.79		
8/11/99 9:15	1013.63	29.93	0.649	117.59	243.87	507.36			
8/11/99 9:30	1013.75	29.94	0.652	117.85	244.14	508.48			
8/11/99 9:45	1014.00	29.94	0.653	119.16	246.49	509.73			
8/11/99 10:00	1014.00	29.94	0.654	118.90	246.02	509.84	509.85		
8/11/99 10:15	1014.25	29.95	0.656	118.90	246.02	510.47			
8/11/99 10:30	1014.38	29.95	0.653	119.68	247.43	509.74			
8/11/99 10:45	1014.38	29.95	0.656	120.73	249.31	511.63			
8/11/99 11:00	1014.50	29.96	0.659	121.51	250.72	513.32	512.14		
8/11/99 11:15	1014.50	29.96	0.657	122.30	252.13	513.12			
8/11/99 11:30	1014.50	29.96	0.656	122.30	252.13	512.89			
8/11/99 11:45	1014.38	29.95	0.655	120.99	249.78	511.57			
8/11/99 12:00	1014.38	29.95	0.657	121.51	250.72	512.85	513.30		
8/11/99 12:15	1014.25	29.95	0.659	122.82	253.07	514.50			
8/11/99 12:30	1014.38	29.95	0.659	123.86	254.95	514.86			
8/11/99 12:45	1014.50	29.96	0.659	124.39	255.90	515.46			
8/11/99 13:00	1014.50	29.96	0.126	97.73	207.92	217.81	452.58		
8/11/99 13:15	1014.50	29.96	0.642	115.76	240.37	503.03			
8/11/99 13:30	1014.50	29.96	0.653	122.82	253.07	511.74			
8/11/99 13:45	1014.50	29.96	0.656	123.34	254.01	513.57			
8/11/99 14:00	1014.63	29.96	0.655	123.60	254.48	513.20	513.52		
8/11/99 14:15	1014.63	29.96	0.659	123.86	254.95	514.81			
8/11/99 14:30	1014.50	29.96	0.658	123.34	254.01	514.27			
8/11/99 14:45	1014.50	29.96	0.658	123.08	253.54	513.87			
8/11/99 15:00	1014.50	29.96	0.661	123.86	254.95	515.82	514.62		
8/11/99 15:15	1014.50	29.96	0.660	121.77	251.19	513.99			
8/11/99 15:30	1014.38	29.95	0.663	122.03	251.66	515.17			
8/11/99 15:45	1014.38	29.95	0.660	122.56	252.60	514.53			
8/11/99 16:00	1014.50	29.96	0.659	122.03	251.66	513.86	515.72		
8/11/99 16:15	1014.38	29.95	0.665	123.60	254.48	517.16			
8/11/99 16:30	1014.25	29.95	0.667	123.86	254.95	518.10			
8/11/99 16:45	1014.25	29.95	0.664	123.34	254.01	516.79			
8/11/99 17:00	1014.13	29.95	0.667	123.08	253.54	517.62	517.26		
8/11/99 17:15	1014.13	29.95	0.666	123.34	254.01	517.29			
8/11/99 17:30	1014.00	29.94	0.665	122.56	252.60	516.56			
8/11/99 17:45	1014.13	29.95	0.668	123.08	253.54	517.86			
8/11/99 18:00	1014.13	29.95	0.668	123.60	254.48	518.43	517.09		
8/11/99 18:15	1014.25	29.95	0.666	122.82	253.07	516.92			
8/11/99 18:30	1014.25	29.95	0.665	121.25	250.25	515.66			
8/11/99 18:45	1014.25	29.95	0.666	121.77	251.19	516.47			
8/11/99 19:00	1014.38	29.95	0.669	122.03	251.66	517.57	516.47		
8/11/99 19:15	1014.38	29.95	0.666	121.77	251.19	516.43			
8/11/99 19:30	1014.38	29.95	0.666	121.77	251.19	516.20			
8/11/99 19:45	1014.25	29.95	0.666	122.03	251.66	516.40			
8/11/99 20:00	1014.38	29.95	0.667	121.77	251.19	516.71	517.12		
8/11/99 20:15	1014.38	29.95	0.669	122.56	252.60	518.19			
8/11/99 20:30	1014.38	29.95	0.669	122.82	253.07	518.09			
8/11/99 20:45	1014.50	29.96	0.669	122.56	252.60	518.15			
8/11/99 21:00	1014.50	29.96	0.668	122.03	251.66	517.31	517.59		
8/11/99 21:15	1014.75	29.97	0.669	121.77	251.19	517.58			
8/11/99 21:30	1015.00	29.97	0.668	121.51	250.72	516.84			
8/11/99 21:45	1015.13	29.98	0.670	120.73	249.31	517.03			
8/11/99 22:00	1015.00	29.97	0.671	120.47	248.84	517.12	516.46		
8/11/99 22:15	1015.00	29.97	0.667	119.94	247.90	515.35			
8/11/99 22:30	1015.25	29.98	0.669	119.94	247.90	515.96			
8/11/99 22:45	1015.50	29.99	0.669	119.68	247.43	515.75			
8/11/99 23:00	1015.63	29.99	0.669	119.66	247.43	515.98	515.86		
8/11/99 23:15	1015.75	30.00	0.669	119.16	246.49	515.34			
8/11/99 23:30	1015.75	30.00	0.669	119.16	246.49	515.34			
8/11/99 23:45	1015.88	30.00	0.670	119.16	246.49	515.81			
8/12/99 0:00	1015.88	30.00	0.668	119.16	246.49	515.08	515.48		
8/12/99 0:15	1015.88	30.00	0.669	119.16	246.49	515.58			
8/12/99 0:30	1016.00	30.00	0.670	118.90	246.02	515.60			
8/12/99 0:45	1016.00	30.00	0.669	119.16	246.49	515.55			
8/12/99 1:00	1015.88	30.00	0.669	118.90	246.02	515.41	515.28		
8/12/99 1:15	1015.88	30.00	0.669	118.90	246.02	515.14			
8/12/99 1:30	1015.75	30.00	0.668	118.38	245.08	514.59			
8/12/99 1:45	1015.83	29.99	0.671	118.90	246.02	515.93			
8/12/99 2:00	1015.50	29.99	0.669	118.90	246.02	515.23	515.40		
8/12/99 2:15	1015.83	29.99	0.668	119.18	246.49	515.14			
8/12/99 2:30	1015.75	30.00	0.671	118.90	246.02	516.13			
8/12/99 2:45	1015.63	29.99	0.669	118.90	246.02	515.20			
8/12/99 3:00	1015.63	29.99	0.668	118.38	245.08	514.62	515.08		
8/12/99 3:15	1015.63	29.99	0.668	118.64	245.55	514.80			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/9/99 16:00	1014.88	29.97	0.647	124.13	255.43	510.28	510.47		
8/9/99 16:15	1014.63	29.96	0.649	124.91	256.84	511.56			
8/9/99 16:30	1014.50	29.96	0.649	125.43	257.78	512.20			
8/9/99 16:45	1014.25	29.95	0.649	125.43	257.78	512.27			
8/9/99 17:00	1014.13	29.95	0.650	125.43	257.78	512.54	512.23		
8/9/99 17:15	1014.13	29.95	0.649	125.69	258.25	512.47			
8/9/99 17:30	1014.13	29.95	0.649	124.91	256.84	511.69			
8/9/99 17:45	1013.88	29.94	0.649	124.91	256.84	511.75			
8/9/99 18:00	1013.75	29.94	0.651	124.91	256.84	512.53	512.00		
8/9/99 18:15	1013.63	29.93	0.650	124.65	256.37	512.16			
8/9/99 18:30	1013.63	29.93	0.651	123.88	254.95	511.89			
8/9/99 18:45	1013.50	29.93	0.648	123.60	254.48	510.53			
8/9/99 19:00	1013.25	29.92	0.647	123.60	254.48	510.36	510.77		
8/9/99 19:15	1013.13	29.92	0.647	123.60	254.48	510.39			
8/9/99 19:30	1013.13	29.92	0.648	123.34	254.01	510.69			
8/9/99 19:45	1012.88	29.91	0.649	123.34	254.01	511.27			
8/9/99 20:00	1012.75	29.91	0.650	123.34	254.01	511.54	510.91		
8/9/99 20:15	1012.63	29.90	0.649	122.82	253.07	511.00			
8/9/99 20:30	1012.25	29.89	0.646	122.03	251.66	510.07			
8/9/99 20:45	1012.13	29.89	0.647	121.77	251.19	509.46			
8/9/99 21:00	1012.38	29.90	0.648	121.25	250.25	508.79	508.89		
8/9/99 21:15	1012.50	29.90	0.647	120.73	249.31	508.70			
8/9/99 21:30	1012.63	29.90	0.645	119.94	247.90	507.41			
8/9/99 21:45	1012.63	29.90	0.645	119.68	247.43	507.24			
8/9/99 22:00	1012.38	29.90	0.644	119.42	246.96	506.90	507.01		
8/9/99 22:15	1012.50	29.90	0.645	119.42	246.96	507.10			
8/9/99 22:30	1012.63	29.90	0.644	119.16	246.49	506.39			
8/9/99 22:45	1012.75	29.91	0.644	119.16	246.49	506.64			
8/9/99 23:00	1013.13	29.92	0.647	119.16	246.49	507.53	506.52		
8/9/99 23:15	1012.88	29.91	0.644	118.38	245.08	506.10			
8/9/99 23:30	1012.88	29.91	0.644	118.12	244.61	505.93			
8/9/99 23:45	1012.88	29.91	0.644	118.12	244.61	505.93			
8/10/99 0:00	1013.00	29.91	0.644	118.12	244.61	505.63	505.77		
8/10/99 0:15	1013.13	29.92	0.644	117.85	244.14	505.43			
8/10/99 0:30	1013.13	29.92	0.645	117.85	244.14	505.94			
8/10/99 0:45	1013.25	29.92	0.646	117.85	244.14	506.14			
8/10/99 1:00	1013.13	29.92	0.645	117.59	243.67	505.77	505.81		
8/10/99 1:15	1013.13	29.92	0.644	117.59	243.67	505.26			
8/10/99 1:30	1013.25	29.92	0.646	117.59	243.67	505.97			
8/10/99 1:45	1013.38	29.92	0.646	117.59	243.67	505.94			
8/10/99 2:00	1013.25	29.92	0.641	117.07	242.73	503.91	505.31		
8/10/99 2:15	1013.00	29.91	0.645	117.33	243.20	505.63			
8/10/99 2:30	1012.75	29.91	0.644	116.81	242.26	505.12			
8/10/99 2:45	1012.88	29.91	0.644	117.33	243.20	505.15			
8/10/99 3:00	1012.88	29.91	0.645	117.07	242.73	505.49	504.75		
8/10/99 3:15	1012.50	29.90	0.641	116.55	241.79	503.76			
8/10/99 3:30	1011.88	29.88	0.643	116.29	241.32	504.25			
8/10/99 3:45	1011.50	29.87	0.642	116.29	241.32	504.11			
8/10/99 4:00	1011.63	29.87	0.643	116.55	241.79	504.72	504.30		
8/10/99 4:15	1011.38	29.87	0.641	116.55	241.79	504.04			
8/10/99 4:30	1011.13	29.86	0.642	116.55	241.79	504.37			
8/10/99 4:45	1011.25	29.86	0.643	116.55	241.79	504.58			
8/10/99 5:00	1011.38	29.87	0.644	116.81	242.26	505.19	504.07		
8/10/99 5:15	1011.13	29.86	0.640	116.29	241.32	503.46			
8/10/99 5:30	1011.13	29.86	0.639	116.02	240.84	502.78			
8/10/99 5:45	1011.13	29.86	0.639	116.02	240.84	503.05			
8/10/99 6:00	1011.13	29.86	0.644	116.55	241.79	505.35	504.07		
8/10/99 6:15	1011.13	29.86	0.642	116.81	242.26	504.54			
8/10/99 6:30	1011.38	29.87	0.642	117.07	242.73	504.65			
8/10/99 6:45	1011.50	29.87	0.641	116.55	241.79	504.00			
8/10/99 7:00	1011.75	29.88	0.641	116.55	241.79	503.94	504.43		
8/10/99 7:15	1011.63	29.87	0.643	116.55	241.79	504.72			
8/10/99 7:30	1011.75	29.88	0.643	116.81	242.26	504.88			
8/10/99 7:45	1011.88	29.88	0.642	117.07	242.73	504.52			
8/10/99 8:00	1011.88	29.88	0.642	117.59	243.67	504.86	505.14		
8/10/99 8:15	1011.75	29.88	0.643	117.85	244.14	505.53			
8/10/99 8:30	1011.88	29.88	0.644	118.12	244.61	505.91			
8/10/99 8:45	1012.13	29.89	0.644	118.90	246.02	506.63			
8/10/99 9:00	1012.13	29.89	0.646	118.90	246.02	507.33	506.94		
8/10/99 9:15	1012.00	29.88	0.645	119.16	246.49	507.06			
8/10/99 9:30	1011.63	29.87	0.646	119.42	246.96	507.80			
8/10/99 9:45	1011.63	29.87	0.646	119.94	247.90	507.90			
8/10/99 10:00	1011.63	29.87	0.646	120.73	249.31	508.64	508.96		
8/10/99 10:15	1011.75	29.88	0.648	121.51	250.72	509.63			
8/10/99 10:30	1011.88	29.88	0.649	122.30	252.13	510.85			
8/10/99 10:45	1011.88	29.88	0.648	122.82	253.07	510.44			
8/10/99 11:00	1011.88	29.88	0.651	123.08	253.54	511.83	511.00		
8/10/99 11:15	1011.38	29.87	0.650	123.08	253.54	511.72			
8/10/99 11:30	1011.25	29.86	0.646	123.34	254.01	510.18			
8/10/99 11:45	1011.25	29.86	0.648	123.60	254.48	511.34			
8/10/99 12:00	1011.13	29.86	0.648	124.39	255.90	511.64	511.42		
8/10/99 12:15	1010.75	29.85	0.647	124.39	255.90	511.49			
8/10/99 12:30	1010.50	29.84	0.649	124.65	256.37	512.44			
8/10/99 12:45	1010.13	29.83	0.647	124.65	256.37	511.82			
8/10/99 13:00	1009.88	29.82	0.649	124.91	256.84	513.04	513.07		
8/10/99 13:15	1009.88	29.82	0.650	125.17	257.31	513.44			
8/10/99 13:30	1009.63	29.81	0.652	125.69	258.25	514.60			
8/10/99 13:45	1009.63	29.81	0.648	125.69	258.25	512.66			
8/10/99 14:00	1009.50	29.81	0.652	126.22	259.19	514.96	514.24		
8/10/99 14:15	1009.25	29.80	0.649	126.48	259.66	513.93			
8/10/99 14:30	1008.88	29.79	0.650	127.00	260.60	514.88			
8/10/99 14:45	1008.63	29.78	0.652	126.74	260.13	515.52			
8/10/99 15:00	1008.50	29.78	0.650	127.00	260.60	514.97	515.27		
8/10/99 15:15	1008.50	29.78	0.651	127.00	260.60	515.45			
8/10/99 15:30	1008.50	29.78	0.651	127.52	261.54	515.55			
8/10/99 15:45	1008.25	29.77	0.651	127.52	261.54	515.85			
8/10/99 16:00	1008.25	29.77	0.651	127.78	262.01	515.78	515.52		
8/10/99 16:15	1008.25	29.77	0.651	127.00	260.60	515.27			
8/10/99 16:30	1008.25	29.77	0.651	126.48	259.66	515.17			
8/10/99 16:45	1008.38	29.78	0.651	128.74	260.13	515.07			
8/10/99 17:00	1008.38	29.78	0.655	126.74	260.13	516.81	516.12		
8/10/99 17:15	1008.38	29.78	0.654	127.00	260.60	516.51			
8/10/99 17:30	1008.50	29.78	0.656	126.74	260.13	517.02			
8/10/99 17:45	1008.63	29.78	0.654	126.74	260.13	516.27			
8/10/99 18:00	1008.63	29.78	0.656	126.48	259.66	517.09	516.60		
8/10/99 18:15	1008.63	29.78	0.655	126.22	259.19	516.41			
8/10/99 18:30	1008.50	29.78	0.654	128.22	259.19	516.21			
8/10/99 18:45	1008.63	29.78	0.655	125.69	258.25	516.07			
8/10/99 19:00	1008.50	29.78	0.654	125.43	257.78	515.46	515.87		
8/10/99 19:15	1008.50	29.78	0.654	125.43	257.78	515.70			
8/10/99 19:30	1008.63	29.78	0.655	125.43	257.78	515.90			
8/10/99 19:45	1008.88	29.79	0.655	125.17	257.31	515.67			
8/10/99 20:00	1008.88	29.79	0.656	125.17	257.31	516.18	515.77		
8/10/99 20:15	1008.88	29.79	0.657	124.65	256.37	516.08			
8/10/99 20:30	1008.75	29.79	0.655	124.13	255.43	515.03			
8/10/99 20:45	1009.13	29.80	0.654	123.34	254.01	513.95			
8/10/99 21:00	1009.25	29.80	0.653	122.82	253.07	513.31	513.55		
8/10/99 21:15	1009.38	29.81	0.654	122.56	252.60	513.38			
8/10/99 21:30	1009.50	29.81	0.651	122.56	252.60	512.09			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/8/99 10:15	1013.00	29.91	0.641	123.60	254.48	507.93			
8/8/99 10:30	1013.00	29.91	0.640	123.60	254.48	507.69			
8/8/99 10:45	1012.88	29.91	0.641	123.88	254.95	508.13			
8/8/99 11:00	1012.88	29.91	0.641	124.13	255.43	508.53	508.24		
8/8/99 11:15	1013.13	29.92	0.641	124.13	255.43	508.23			
8/8/99 11:30	1013.13	29.92	0.641	124.39	255.90	508.64			
8/8/99 11:45	1013.25	29.92	0.641	124.39	255.90	508.61			
8/8/99 12:00	1013.38	29.92	0.643	124.39	255.90	509.09	508.63		
8/8/99 12:15	1013.38	29.92	0.641	124.13	255.43	508.41			
8/8/99 12:30	1013.38	29.92	0.641	124.13	255.43	508.41			
8/8/99 12:45	1013.25	29.92	0.642	124.13	255.43	508.72			
8/8/99 13:00	1013.25	29.92	0.640	124.13	255.43	507.96	508.32		
8/8/99 13:15	1013.25	29.92	0.641	124.39	255.90	508.37			
8/8/99 13:30	1013.13	29.92	0.640	124.39	255.90	508.16			
8/8/99 13:45	1013.00	29.91	0.638	122.82	253.07	506.20			
8/8/99 14:00	1013.00	29.91	0.633	120.99	249.78	503.28	505.13		
8/8/99 14:15	1013.00	29.91	0.636	120.47	248.84	504.16			
8/8/99 14:30	1012.88	29.91	0.636	120.21	248.37	503.80			
8/8/99 14:45	1012.88	29.91	0.633	119.68	247.43	502.48			
8/8/99 15:00	1012.75	29.91	0.633	118.38	245.08	501.44	502.88		
8/8/99 15:15	1012.75	29.91	0.634	118.90	246.02	502.25			
8/8/99 15:30	1012.75	29.91	0.636	120.73	249.31	504.41			
8/8/99 15:45	1012.63	29.90	0.634	120.73	249.31	503.73			
8/8/99 16:00	1012.50	29.90	0.636	121.51	250.72	504.73	504.80		
8/8/99 16:15	1012.38	29.90	0.638	121.51	250.72	505.76			
8/8/99 16:30	1012.25	29.89	0.636	122.03	251.66	505.37			
8/8/99 16:45	1012.38	29.90	0.634	119.16	246.49	502.78			
8/8/99 17:00	1012.38	29.90	0.632	119.68	247.43	502.13	504.13		
8/8/99 17:15	1012.38	29.90	0.636	120.21	248.37	503.93			
8/8/99 17:30	1012.50	29.90	0.639	122.30	252.13	506.47			
8/8/99 17:45	1012.63	29.90	0.636	121.51	250.72	504.94			
8/8/99 18:00	1012.63	29.90	0.634	119.68	247.43	503.06	504.36		
8/8/99 18:15	1012.75	29.91	0.635	118.90	246.02	502.76			
8/8/99 18:30	1012.75	29.91	0.638	120.21	248.37	504.59			
8/8/99 18:45	1012.75	29.91	0.638	120.73	249.31	504.92			
8/8/99 19:00	1012.75	29.91	0.634	119.68	247.43	503.03	504.24		
8/8/99 19:15	1013.00	29.91	0.638	119.94	247.90	504.36			
8/8/99 19:30	1013.13	29.92	0.636	119.94	247.90	504.33			
8/8/99 19:45	1013.25	29.92	0.636	120.21	248.37	504.46			
8/8/99 20:00	1013.38	29.92	0.638	119.94	247.90	504.50	505.08		
8/8/99 20:15	1013.38	29.92	0.639	120.21	248.37	505.18			
8/8/99 20:30	1013.38	29.92	0.643	120.99	249.78	506.91			
8/8/99 20:45	1013.50	29.93	0.641	120.99	249.78	506.13			
8/8/99 21:00	1013.63	29.93	0.640	120.47	248.84	505.53	505.57		
8/8/99 21:15	1013.68	29.94	0.638	119.94	247.90	504.38			
8/8/99 21:30	1014.13	29.95	0.640	119.68	247.43	504.90			
8/8/99 21:45	1014.25	29.95	0.636	118.64	245.55	502.46			
8/8/99 22:00	1014.50	29.96	0.639	119.42	246.96	504.40	504.06		
8/8/99 22:15	1014.88	29.97	0.640	119.42	246.96	504.54			
8/8/99 22:30	1015.00	29.97	0.640	118.64	245.55	504.01			
8/8/99 22:45	1015.00	29.97	0.641	119.68	247.43	504.92			
8/8/99 23:00	1015.25	29.98	0.639	119.42	246.96	504.21	503.82		
8/8/99 23:15	1015.25	29.98	0.637	118.12	244.61	502.39			
8/8/99 23:30	1015.38	29.98	0.639	117.33	243.20	502.56			
8/8/99 23:45	1015.50	29.99	0.637	117.07	242.73	501.66			
8/9/99 0:00	1015.63	29.99	0.640	117.59	243.67	503.16	503.60		
8/9/99 0:15	1015.63	29.99	0.641	119.16	246.49	504.66			
8/9/99 0:30	1015.75	30.00	0.644	119.68	247.43	505.95			
8/9/99 0:45	1015.75	30.00	0.643	119.94	247.90	505.65			
8/9/99 1:00	1015.75	30.00	0.643	119.68	247.43	505.48	504.82		
8/9/99 1:15	1015.75	30.00	0.641	118.38	245.08	503.89			
8/9/99 1:30	1015.75	30.00	0.639	118.38	245.08	503.14			
8/9/99 1:45	1015.75	30.00	0.639	117.59	243.67	502.92			
8/9/99 2:00	1015.75	30.00	0.642	117.85	244.14	504.07	503.91		
8/9/99 2:15	1015.75	30.00	0.641	118.12	244.61	503.96			
8/9/99 2:30	1015.63	29.99	0.644	118.90	246.02	505.48			
8/9/99 2:45	1015.63	29.99	0.642	118.90	246.02	504.77			
8/9/99 3:00	1015.75	30.00	0.644	119.16	246.49	505.61	505.51		
8/9/99 3:15	1015.88	30.00	0.646	119.16	246.49	506.33			
8/9/99 3:30	1016.00	30.00	0.644	118.90	246.02	505.38			
8/9/99 3:45	1016.13	30.01	0.643	119.16	246.49	505.29			
8/9/99 4:00	1016.13	30.01	0.643	118.90	246.02	505.12	505.03		
8/9/99 4:15	1016.00	30.00	0.642	119.16	246.49	504.84			
8/9/99 4:30	1016.00	30.00	0.642	118.64	245.55	504.51			
8/9/99 4:45	1016.00	30.00	0.641	118.90	246.02	504.40			
8/9/99 5:00	1016.00	30.00	0.642	118.12	244.61	504.17	504.65		
8/9/99 5:15	1016.00	30.00	0.643	118.12	244.61	504.84			
8/9/99 5:30	1015.88	30.00	0.644	118.64	245.55	505.52			
8/9/99 5:45	1016.00	30.00	0.643	118.38	245.08	504.58			
8/9/99 6:00	1016.00	30.00	0.643	118.64	245.55	504.74	504.96		
8/9/99 6:15	1016.25	30.01	0.644	118.38	245.08	504.98			
8/9/99 6:30	1016.25	30.01	0.644	118.38	245.08	504.98			
8/9/99 6:45	1016.38	30.01	0.643	118.12	244.61	504.55			
8/9/99 7:00	1016.50	30.02	0.643	118.12	244.61	504.26	504.36		
8/9/99 7:15	1016.75	30.02	0.641	117.65	244.14	503.54			
8/9/99 7:30	1016.75	30.02	0.643	118.12	244.61	504.46			
8/9/99 7:45	1016.88	30.03	0.642	118.12	244.61	503.96			
8/9/99 8:00	1017.13	30.04	0.695	114.98	238.96	522.22	506.81		
8/9/99 8:15	1016.88	30.03	0.633	118.12	244.61	500.49			
8/9/99 8:30	1017.00	30.03	0.638	118.90	246.02	502.93			
8/9/99 8:45	1017.25	30.04	0.637	118.64	245.55	502.23			
8/9/99 9:00	1017.25	30.04	0.641	119.16	246.49	504.26	503.32		
8/9/99 9:15	1017.13	30.04	0.640	119.42	246.96	503.99			
8/9/99 9:30	1017.25	30.04	0.636	119.42	246.96	503.21			
8/9/99 9:45	1017.25	30.04	0.641	119.42	246.96	504.19			
8/9/99 10:00	1017.25	30.04	0.639	119.16	246.49	503.55	503.51		
8/9/99 10:15	1016.66	30.03	0.639	119.16	246.49	503.64			
8/9/99 10:30	1016.68	30.03	0.638	118.90	246.02	502.96			
8/9/99 10:45	1016.75	30.02	0.641	119.68	247.43	504.72			
8/9/99 11:00	1016.63	30.02	0.641	119.42	246.96	504.56	504.35		
8/9/99 11:15	1016.75	30.02	0.639	119.42	246.96	503.64			
8/9/99 11:30	1016.88	30.03	0.642	120.73	249.31	505.63			
8/9/99 11:45	1016.88	30.03	0.641	120.21	248.37	504.79			
8/9/99 12:00	1018.75	30.02	0.641	120.47	248.84	504.99	505.88		
8/9/99 12:15	1016.63	30.02	0.644	121.77	251.19	507.08			
8/9/99 12:30	1016.25	30.01	0.644	120.99	249.78	506.94			
8/9/99 12:45	1016.00	30.00	0.644	121.51	250.72	507.34			
8/9/99 13:00	1015.88	30.00	0.643	121.51	250.72	506.86	507.41		
8/9/99 13:15	1015.88	30.00	0.844	121.25	250.25	507.20			
8/9/99 13:30	1015.75	30.00	0.846	122.82	253.07	508.71			
8/9/99 13:45	1015.88	30.00	0.846	123.08	253.54	509.09			
8/9/99 14:00	1015.75	30.00	0.846	122.56	252.60	508.78	508.83		
8/9/99 14:15	1015.50	29.99	0.644	122.82	253.07	508.03			
8/9/99 14:30	1015.50	29.99	0.645	122.82	253.07	508.54			
8/9/99 14:45	1015.50	29.99	0.844	122.03	251.66	507.60			
8/9/99 15:00	1015.50	29.99	0.848	122.56	252.60	508.85	508.52		
8/9/99 15:15	1015.25	29.98	0.848	123.08	253.54	509.01			
8/9/99 15:30	1015.13	29.98	0.644	122.82	253.07	508.40			
8/9/99 15:45	1015.13	29.98	0.847	123.60	254.48	509.69			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/7/99 4:30	1017.25	30.04	0.636	119.16	246.49	502.80			
8/7/99 4:45	1017.25	30.04	0.636	119.42	246.96	502.46			
8/7/99 5:00	1017.25	30.04	0.635	119.42	246.96	501.98	502.80		
8/7/99 5:15	1017.25	30.04	0.638	119.68	247.43	503.14			
8/7/99 5:30	1017.13	30.04	0.639	119.68	247.43	503.64			
8/7/99 5:45	1017.25	30.04	0.639	119.68	247.43	503.61			
8/7/99 6:00	1017.25	30.04	0.638	119.42	246.96	502.46	503.16		
8/7/99 6:15	1017.00	30.03	0.639	119.16	246.49	503.61			
8/7/99 6:30	1017.13	30.04	0.636	119.42	246.96	502.49			
8/7/99 6:45	1017.38	30.04	0.635	119.68	247.43	502.12			
8/7/99 7:00	1017.38	30.04	0.638	119.42	246.96	502.94	502.49		
8/7/99 7:15	1017.50	30.05	0.636	119.42	246.96	502.39			
8/7/99 7:30	1017.63	30.05	0.636	119.68	247.43	502.53			
8/7/99 7:45	1017.63	30.05	0.636	119.68	247.43	502.53			
8/7/99 8:00	1017.50	30.05	0.635	119.68	247.43	502.09	502.95		
8/7/99 8:15	1017.38	30.04	0.638	120.21	248.37	503.44			
8/7/99 8:30	1017.38	30.04	0.638	120.99	249.78	504.18			
8/7/99 8:45	1017.38	30.04	0.639	120.99	249.78	504.42			
8/7/99 9:00	1017.25	30.04	0.636	121.77	251.19	503.96	504.45		
8/7/99 9:15	1017.25	30.04	0.637	122.03	251.66	504.40			
8/7/99 9:30	1017.25	30.04	0.638	123.08	253.54	505.31			
8/7/99 9:45	1017.13	30.04	0.639	123.60	254.48	506.42			
8/7/99 10:00	1016.88	30.03	0.638	124.13	255.43	506.30	506.44		
8/7/99 10:15	1016.88	30.03	0.640	124.65	256.37	507.39			
8/7/99 10:30	1017.00	30.03	0.638	124.91	256.84	506.77			
8/7/99 10:45	1017.00	30.03	0.640	125.17	257.31	507.69			
8/7/99 11:00	1016.75	30.02	0.638	125.43	257.78	507.17	507.46		
8/7/99 11:15	1016.63	30.02	0.640	125.95	258.72	508.28			
8/7/99 11:30	1016.50	30.02	0.638	126.22	259.19	507.49			
8/7/99 11:45	1016.38	30.01	0.638	126.48	259.66	507.69			
8/7/99 12:00	1016.25	30.01	0.642	127.00	260.60	509.80	509.08		
8/7/99 12:15	1016.00	30.00	0.641	127.26	261.07	509.75			
8/7/99 12:30	1015.75	30.00	0.643	127.78	262.01	510.66			
8/7/99 12:45	1015.50	29.99	0.640	128.04	262.48	509.90			
8/7/99 13:00	1015.38	29.96	0.641	128.04	262.48	510.40	510.55		
8/7/99 13:15	1015.00	29.97	0.641	128.31	262.95	510.43			
8/7/99 13:30	1014.86	29.97	0.643	128.57	263.42	511.38			
8/7/99 13:45	1014.75	29.97	0.641	128.57	263.42	510.66			
8/7/99 14:00	1014.50	29.96	0.640	129.35	264.83	510.98	511.09		
8/7/99 14:15	1014.50	29.96	0.640	129.35	264.83	510.98			
8/7/99 14:30	1014.38	29.95	0.641	129.35	264.83	511.49			
8/7/99 14:45	1014.25	29.95	0.641	129.61	265.30	511.44			
8/7/99 15:00	1014.13	29.95	0.640	129.87	265.77	511.40	511.24		
8/7/99 15:15	1013.88	29.94	0.638	129.35	264.83	510.37			
8/7/99 15:30	1013.75	29.94	0.641	129.09	264.38	511.48			
8/7/99 15:45	1013.38	29.92	0.642	129.61	265.30	512.18			
8/7/99 16:00	1013.13	29.92	0.643	129.87	265.77	512.89	512.40		
8/7/99 16:15	1013.00	29.91	0.643	130.13	266.24	513.09			
8/7/99 16:30	1013.00	29.91	0.641	130.13	266.24	512.33			
8/7/99 16:45	1012.88	29.91	0.642	129.61	265.30	512.31			
8/7/99 17:00	1012.88	29.91	0.643	129.61	265.30	512.79	512.68		
8/7/99 17:15	1012.88	29.91	0.644	129.61	265.30	513.31			
8/7/99 17:30	1012.63	29.90	0.642	129.87	265.77	512.54			
8/7/99 17:45	1012.50	29.90	0.642	129.87	265.77	512.57			
8/7/99 18:00	1012.50	29.90	0.643	129.61	265.30	512.64	512.33		
8/7/99 18:15	1012.50	29.90	0.642	129.35	264.83	512.24			
8/7/99 18:30	1012.38	29.90	0.641	128.83	263.89	511.66			
8/7/99 18:45	1012.13	29.89	0.640	128.57	263.42	511.08			
8/7/99 19:00	1012.00	29.88	0.642	128.57	263.42	511.67	511.67		
8/7/99 19:15	1012.00	29.88	0.643	128.57	263.42	512.35			
8/7/99 19:30	1012.00	29.88	0.641	128.31	262.95	511.42			
8/7/99 19:45	1012.25	29.89	0.640	128.04	262.48	510.71			
8/7/99 20:00	1012.63	29.90	0.643	128.04	262.48	511.62	510.37		
8/7/99 20:15	1012.75	29.91	0.640	126.74	260.13	509.76			
8/7/99 20:30	1012.38	29.90	0.639	125.17	257.31	508.33			
8/7/99 20:45	1012.13	29.89	0.638	124.39	255.90	507.66			
8/7/99 21:00	1012.13	29.89	0.636	124.39	255.90	507.42	507.39		
8/7/99 21:15	1012.13	29.89	0.636	124.13	255.43	506.49			
8/7/99 21:30	1012.25	29.89	0.638	123.86	254.95	507.05			
8/7/99 21:45	1012.25	29.89	0.641	123.86	254.95	508.52			
8/7/99 22:00	1012.13	29.89	0.642	123.60	254.48	508.66	507.55		
8/7/99 22:15	1012.00	29.88	0.637	123.60	254.48	506.71			
8/7/99 22:30	1012.00	29.88	0.638	123.34	254.01	506.76			
8/7/99 22:45	1011.88	29.88	0.636	123.08	253.54	505.89			
8/7/99 23:00	1011.75	29.86	0.636	123.08	253.54	506.16	506.26		
8/7/99 23:15	1011.63	29.87	0.636	123.08	253.54	506.19			
8/7/99 23:30	1011.38	29.87	0.636	123.08	253.54	506.25			
8/7/99 23:45	1011.25	29.86	0.637	122.82	253.07	506.40			
8/8/99 0:00	1011.25	29.86	0.635	122.82	253.07	505.64	506.11		
8/8/99 0:15	1011.25	29.88	0.635	122.82	253.07	505.64			
8/8/99 0:30	1011.38	29.87	0.636	122.82	253.07	506.60			
8/8/99 0:45	1011.38	29.87	0.636	122.82	253.07	505.65			
8/8/99 1:00	1011.38	29.87	0.638	122.82	253.07	506.84	506.53		
8/8/99 1:15	1011.25	29.86	0.637	123.08	253.54	506.56			
8/8/99 1:30	1011.25	29.86	0.636	123.08	253.54	506.60			
8/8/99 1:45	1011.13	29.86	0.635	123.08	253.54	505.84			
8/8/99 2:00	1011.25	29.86	0.636	123.34	254.01	506.97	506.71		
8/8/99 2:15	1011.13	29.86	0.636	123.08	253.54	506.83			
8/8/99 2:30	1011.00	29.85	0.636	123.08	253.54	507.10			
8/8/99 2:45	1011.00	29.85	0.634	123.08	253.54	505.63			
8/8/99 3:00	1011.00	29.85	0.634	122.82	253.07	505.19	506.12		
8/8/99 3:15	1011.25	29.86	0.636	123.08	253.54	506.80			
8/8/99 3:30	1011.25	29.86	0.636	122.82	253.07	505.88			
8/8/99 3:45	1011.25	29.86	0.637	122.82	253.07	506.40			
8/8/99 4:00	1011.25	29.86	0.636	123.08	253.54	507.04	506.64		
8/8/99 4:15	1011.38	29.87	0.638	123.08	253.54	506.77			
8/8/99 4:30	1011.63	29.87	0.638	123.34	254.01	507.11			
8/8/99 4:45	1011.63	29.87	0.638	123.60	254.48	507.28			
8/8/99 5:00	1011.75	29.88	0.636	123.60	254.48	507.01	507.35		
8/8/99 5:15	1011.63	29.87	0.638	123.60	254.48	507.28			
8/8/99 5:30	1011.63	29.87	0.640	123.60	254.48	508.04			
8/8/99 5:45	1011.63	29.87	0.639	123.60	254.48	507.52			
8/8/99 6:00	1011.75	29.88	0.638	123.34	254.01	506.84	507.29		
8/8/99 6:15	1011.75	29.88	0.636	123.34	254.01	506.33			
8/8/99 6:30	1012.00	29.88	0.639	123.60	254.48	507.70			
8/8/99 6:45	1012.13	29.89	0.638	123.34	254.01	506.99			
8/8/99 7:00	1012.13	29.89	0.639	123.34	254.01	507.23	507.19		
8/8/99 7:15	1012.38	29.90	0.639	123.34	254.01	507.17			
8/8/99 7:30	1012.63	29.90	0.638	123.34	254.01	506.86			
8/8/99 7:45	1012.63	29.90	0.638	123.34	254.01	506.63			
8/8/99 8:00	1012.50	29.90	0.641	123.60	254.48	508.05	507.58		
8/8/99 8:15	1012.50	29.90	0.642	123.60	254.48	508.57			
8/8/99 8:30	1012.63	29.90	0.640	123.60	254.48	507.79			
8/8/99 8:45	1012.63	29.90	0.639	123.60	254.48	507.55			
8/8/99 9:00	1012.75	29.91	0.638	123.60	254.48	506.76	507.81		
8/8/99 9:15	1012.75	29.91	0.643	123.60	254.48	508.74			
8/8/99 9:30	1012.88	29.91	0.641	123.60	254.48	508.20			
8/8/99 9:45	1013.00	29.91	0.641	123.60	254.48	507.93			
8/8/99 10:00	1013.13	29.92	0.638	123.60	254.48	506.91	507.73		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/5/99 22:45	1016.25	30.01	0.638	121.51	250.72	504.79			
8/5/99 23:00	1016.25	30.01	0.638	121.77	251.19	504.98	504.44		
8/5/99 23:15	1016.25	30.01	0.636	121.51	250.72	503.80			
8/5/99 23:30	1016.38	30.01	0.637	120.73	249.31	503.78			
8/5/99 23:45	1016.50	30.02	0.636	120.47	248.84	503.07			
8/6/99 0:00	1016.50	30.02	0.636	119.94	247.90	502.98	502.88		
8/6/99 0:15	1016.50	30.02	0.635	119.42	246.96	502.17			
8/6/99 0:30	1016.50	30.02	0.636	119.42	246.96	502.40			
8/6/99 0:45	1016.75	30.02	0.635	119.42	246.96	502.11			
8/6/99 1:00	1016.75	30.02	0.637	119.42	246.96	502.86	502.30		
8/6/99 1:15	1016.75	30.02	0.636	119.18	246.49	502.16			
8/6/99 1:30	1016.88	30.03	0.636	118.90	246.02	501.98			
8/6/99 1:45	1016.88	30.03	0.637	118.38	245.08	502.16			
8/6/99 2:00	1016.75	30.02	0.636	118.12	244.61	501.51	501.53		
8/6/99 2:15	1016.75	30.02	0.635	117.85	244.14	501.10			
8/6/99 2:30	1016.63	30.02	0.634	117.85	244.14	500.90			
8/6/99 2:45	1016.63	30.02	0.635	117.85	244.14	501.13			
8/6/99 3:00	1016.63	30.02	0.634	117.33	243.20	500.56	500.70		
8/6/99 3:15	1016.63	30.02	0.634	117.33	243.20	500.29			
8/6/99 3:30	1016.63	30.02	0.635	117.07	242.73	500.63			
8/6/99 3:45	1016.75	30.02	0.636	117.07	242.73	500.84			
8/6/99 4:00	1016.75	30.02	0.632	117.07	242.73	499.38	500.46		
8/6/99 4:15	1016.88	30.03	0.636	117.07	242.73	500.81			
8/6/99 4:30	1016.88	30.03	0.636	116.81	242.26	500.64			
8/6/99 4:45	1016.88	30.03	0.634	117.33	243.20	500.50			
8/6/99 5:00	1017.00	30.03	0.638	117.33	243.20	501.93	500.75		
8/6/99 5:15	1017.00	30.03	0.636	117.07	242.73	501.01			
8/6/99 5:30	1017.00	30.03	0.634	116.55	241.79	499.69			
8/6/99 5:45	1017.00	30.03	0.635	117.07	242.73	500.54			
8/6/99 6:00	1017.13	30.04	0.633	116.55	241.79	499.19	499.80		
8/6/99 6:15	1017.13	30.04	0.633	116.55	241.79	499.42			
8/6/99 6:30	1017.25	30.04	0.635	116.55	241.79	500.14			
8/6/99 6:45	1017.25	30.04	0.634	116.29	241.32	499.46			
8/6/99 7:00	1017.38	30.04	0.634	116.55	241.79	499.88	499.88		
8/6/99 7:15	1017.50	30.05	0.634	116.02	240.84	499.51			
8/6/99 7:30	1017.50	30.05	0.636	116.55	241.79	500.32			
8/6/99 7:45	1017.63	30.05	0.639	116.81	242.26	501.95			
8/6/99 8:00	1017.75	30.05	0.635	117.59	243.67	500.69	501.28		
8/6/99 8:15	1017.75	30.05	0.636	118.12	244.81	501.26			
8/6/99 8:30	1017.75	30.05	0.638	118.38	245.08	502.18			
8/6/99 8:45	1017.75	30.05	0.638	119.42	246.96	503.08			
8/6/99 9:00	1017.75	30.05	0.637	119.68	247.43	502.78	503.33		
8/6/99 9:15	1018.00	30.06	0.640	120.47	248.84	504.44			
8/6/99 9:30	1018.00	30.06	0.638	121.25	250.25	504.19			
8/6/99 9:45	1018.00	30.06	0.639	121.77	251.19	505.04			
8/6/99 10:00	1018.00	30.06	0.638	122.56	252.60	505.02	505.12		
8/6/99 10:15	1017.88	30.06	0.639	122.82	253.07	505.46			
8/6/99 10:30	1017.88	30.06	0.639	123.08	253.54	505.90			
8/6/99 10:45	1017.88	30.06	0.639	123.34	254.01	505.79			
8/6/99 11:00	1017.88	30.06	0.640	124.13	255.43	506.81	506.57		
8/6/99 11:15	1017.88	30.06	0.640	124.65	256.37	507.14			
8/6/99 11:30	1017.88	30.06	0.641	124.39	255.90	507.21			
8/6/99 11:45	1017.88	30.06	0.638	124.13	255.43	506.05			
8/6/99 12:00	1017.75	30.05	0.638	124.13	255.43	505.85	506.64		
8/6/99 12:15	1017.63	30.05	0.640	124.39	255.90	507.04			
8/6/99 12:30	1017.50	30.05	0.640	124.39	255.90	507.07			
8/6/99 12:45	1017.50	30.05	0.639	124.65	256.37	507.00			
8/6/99 13:00	1017.50	30.05	0.641	124.91	256.84	507.88	507.74		
8/6/99 13:15	1017.38	30.04	0.640	125.43	257.78	507.76			
8/6/99 13:30	1017.38	30.04	0.642	126.22	259.19	509.02			
8/6/99 13:45	1017.25	30.04	0.641	126.22	259.19	508.77			
8/6/99 14:00	1017.38	30.04	0.643	126.48	259.66	509.66	509.22		
8/6/99 14:15	1017.38	30.04	0.641	126.74	260.13	509.07			
8/6/99 14:30	1017.13	30.04	0.642	127.00	260.60	509.58			
8/6/99 14:45	1017.25	30.04	0.641	127.52	261.54	509.36			
8/6/99 15:00	1017.25	30.04	0.641	127.26	261.07	509.20	509.26		
8/6/99 15:15	1017.00	30.03	0.643	127.26	261.07	510.01			
8/6/99 15:30	1016.88	30.03	0.639	126.22	259.19	508.15			
8/6/99 15:45	1016.75	30.02	0.642	126.74	260.13	509.51			
8/6/99 16:00	1016.63	30.02	0.641	127.00	260.60	509.43	508.88		
8/6/99 16:15	1016.63	30.02	0.641	125.95	258.72	508.76			
8/6/99 16:30	1016.50	30.02	0.639	126.74	260.13	508.58			
8/6/99 16:45	1016.38	30.01	0.643	127.52	261.54	510.34			
8/6/99 17:00	1016.25	30.01	0.639	127.00	260.60	508.53	508.63		
8/6/99 17:15	1016.38	30.01	0.638	126.48	259.66	507.92			
8/6/99 17:30	1016.50	30.02	0.639	127.52	261.54	508.80			
8/6/99 17:45	1016.38	30.01	0.644	128.31	262.95	511.59			
8/6/99 18:00	1016.38	30.01	0.641	127.26	261.07	509.86	509.82		
8/6/99 18:15	1016.25	30.01	0.642	126.74	260.13	509.63			
8/6/99 18:30	1016.25	30.01	0.641	127.26	261.07	509.45			
8/6/99 18:45	1016.13	30.01	0.640	126.22	259.19	508.58			
8/6/99 19:00	1016.00	30.00	0.641	127.00	260.60	509.34	509.30		
8/6/99 19:15	1016.00	30.00	0.641	127.26	261.07	509.75			
8/6/99 19:30	1016.13	30.01	0.641	126.74	260.13	509.39			
8/6/99 19:45	1016.13	30.01	0.643	126.48	259.66	509.97			
8/6/99 20:00	1016.25	30.01	0.640	126.48	259.66	508.71	508.87		
8/6/99 20:15	1016.25	30.01	0.641	125.43	257.76	508.28			
8/6/99 20:30	1016.38	30.01	0.640	125.43	257.78	508.01			
8/6/99 20:45	1016.50	30.02	0.640	124.91	256.84	507.65			
8/6/99 21:00	1016.50	30.02	0.640	124.39	255.90	507.32	507.33		
8/6/99 21:15	1016.63	30.02	0.640	123.66	254.95	506.95			
8/6/99 21:30	1016.88	30.03	0.640	123.60	254.48	506.72			
8/6/99 21:45	1017.00	30.03	0.639	123.08	253.54	505.84			
8/6/99 22:00	1017.13	30.04	0.639	122.56	252.60	505.76	505.49		
8/6/99 22:15	1017.13	30.04	0.637	122.03	251.66	504.43			
8/6/99 22:30	1017.25	30.04	0.638	121.77	251.19	504.71			
8/6/99 22:45	1017.25	30.04	0.637	121.51	250.72	504.07			
8/6/99 23:00	1017.25	30.04	0.636	121.51	250.72	503.79	504.26		
8/6/99 23:15	1017.38	30.04	0.639	120.99	249.78	504.69			
8/6/99 23:30	1017.25	30.04	0.638	120.73	249.31	504.04			
8/6/99 23:45	1017.25	30.04	0.637	120.99	249.78	503.74			
8/7/99 0:00	1017.25	30.04	0.636	120.73	249.31	504.04	503.92		
8/7/99 0:15	1017.38	30.04	0.638	120.47	248.84	503.61			
8/7/99 0:30	1017.38	30.04	0.639	120.21	248.37	504.19			
8/7/99 0:45	1017.38	30.04	0.637	119.94	247.90	503.04			
8/7/99 1:00	1017.38	30.04	0.636	119.68	247.43	502.59	503.48		
8/7/99 1:15	1017.25	30.04	0.639	119.94	247.90	504.05			
8/7/99 1:30	1017.38	30.04	0.638	119.94	247.90	503.51			
8/7/99 1:45	1017.25	30.04	0.639	119.68	247.43	503.61			
8/7/99 2:00	1017.38	30.04	0.638	119.16	246.49	502.77	503.19		
8/7/99 2:15	1017.25	30.04	0.638	119.16	246.49	502.80			
8/7/99 2:30	1017.25	30.04	0.639	119.16	246.49	503.26			
8/7/99 2:45	1017.25	30.04	0.636	119.42	246.96	502.46			
8/7/99 3:00	1017.13	30.04	0.637	119.42	246.96	502.78	502.67		
8/7/99 3:15	1017.13	30.04	0.636	119.16	246.49	502.08			
8/7/99 3:30	1017.13	30.04	0.637	119.42	246.96	502.76			
8/7/99 3:45	1017.00	30.03	0.633	119.42	246.96	501.29			
8/7/99 4:00	1017.00	30.03	0.638	119.42	246.96	503.03	502.39		
8/7/99 4:15	1017.13	30.04	0.636	119.16	246.49	502.08			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/4/99 17:00	1014.00	29.94	0.641	128.83	263.89	511.01	510.32		
8/4/99 17:15	1013.88	29.94	0.636	128.83	263.89	510.04			
8/4/99 17:30	1013.75	29.94	0.638	128.83	263.89	510.07			
8/4/99 17:45	1013.63	29.93	0.639	128.57	263.42	510.46			
8/4/99 18:00	1013.63	29.93	0.637	128.31	262.95	509.30	510.00		
8/4/99 18:15	1013.38	29.92	0.639	128.57	263.42	510.52			
8/4/99 18:30	1013.25	29.92	0.638	128.31	262.95	509.63			
8/4/99 18:45	1013.13	29.92	0.639	128.31	262.95	510.42			
8/4/99 19:00	1013.13	29.92	0.639	128.04	262.46	510.25	509.81		
8/4/99 19:15	1013.13	29.92	0.638	127.78	262.01	509.33			
8/4/99 19:30	1013.13	29.92	0.638	127.52	261.54	509.40			
8/4/99 19:45	1013.00	29.91	0.639	127.28	261.07	509.79			
8/4/99 20:00	1013.00	29.91	0.638	127.00	260.60	509.10	508.67		
8/4/99 20:15	1013.13	29.92	0.637	126.22	259.19	508.09			
8/4/99 20:30	1013.25	29.92	0.638	125.69	258.25	507.97			
8/4/99 20:45	1013.50	29.93	0.633	122.82	253.07	504.08			
8/4/99 21:00	1013.63	29.93	0.634	123.08	253.54	504.70	505.47		
8/4/99 21:15	1013.88	29.94	0.635	123.88	254.95	505.65			
8/4/99 21:30	1014.00	29.94	0.635	122.82	253.07	504.96			
8/4/99 21:45	1014.00	29.94	0.633	122.03	251.66	503.46			
8/4/99 22:00	1014.25	29.95	0.634	122.03	251.66	504.16	504.48		
8/4/99 22:15	1014.25	29.95	0.633	122.56	252.60	503.97			
8/4/99 22:30	1014.13	29.95	0.637	123.08	253.54	505.85			
8/4/99 22:45	1014.25	29.95	0.636	123.08	253.54	505.30			
8/4/99 23:00	1014.25	29.95	0.636	123.34	254.01	505.46	505.30		
8/4/99 23:15	1014.13	29.95	0.634	123.34	254.01	505.02			
8/4/99 23:30	1014.13	29.95	0.634	123.08	253.54	504.85			
8/4/99 23:45	1014.25	29.95	0.635	123.34	254.01	505.23			
8/5/99 0:00	1014.25	29.95	0.634	123.08	253.54	504.82	505.09		
8/5/99 0:15	1014.25	29.95	0.636	123.08	253.54	505.30			
8/5/99 0:30	1014.38	29.95	0.636	123.08	253.54	505.27			
8/5/99 0:45	1014.50	29.96	0.634	122.82	253.07	504.31			
8/5/99 1:00	1014.38	29.95	0.634	122.82	253.07	504.35	504.78		
8/5/99 1:15	1014.38	29.95	0.636	122.82	253.07	505.10			
8/5/99 1:30	1014.25	29.95	0.635	122.82	253.07	504.89			
8/5/99 1:45	1014.38	29.95	0.638	123.08	253.54	506.02			
8/5/99 2:00	1014.38	29.95	0.634	122.56	252.60	504.46	504.59		
8/5/99 2:15	1014.38	29.95	0.635	122.03	251.66	504.36			
8/5/99 2:30	1014.38	29.95	0.633	121.77	251.19	503.20			
8/5/99 2:45	1014.38	29.95	0.634	121.77	251.19	503.96			
8/5/99 3:00	1014.13	29.95	0.632	121.77	251.19	503.03	503.37		
8/5/99 3:15	1014.25	29.95	0.634	121.77	251.19	503.71			
8/5/99 3:30	1014.13	29.95	0.633	121.25	250.25	502.93			
8/5/99 3:45	1014.00	29.94	0.634	121.25	250.25	503.72			
8/5/99 4:00	1014.25	29.95	0.633	120.99	249.78	502.73	502.53		
8/5/99 4:15	1014.25	29.95	0.631	120.21	248.37	501.48			
8/5/99 4:30	1014.38	29.95	0.632	119.94	247.90	501.80			
8/5/99 4:45	1014.38	29.95	0.632	119.68	247.43	501.63			
8/5/99 5:00	1014.50	29.96	0.631	119.42	246.96	500.92	501.19		
8/5/99 5:15	1014.63	29.96	0.630	119.42	246.96	500.65			
8/5/99 5:30	1014.75	29.97	0.630	119.94	247.90	500.95			
8/5/99 5:45	1014.88	29.97	0.631	119.94	247.90	501.16			
8/5/99 6:00	1015.00	29.97	0.629	119.68	247.43	500.21	500.61		
8/5/99 6:15	1015.00	29.97	0.628	119.68	247.43	499.97			
8/5/99 6:30	1015.13	29.98	0.631	119.42	246.96	500.76			
8/5/99 6:45	1015.25	29.98	0.626	119.16	246.49	498.62			
8/5/99 7:00	1015.13	29.98	0.629	119.16	246.49	499.64	499.53		
8/5/99 7:15	1015.25	29.98	0.628	118.38	245.08	498.64			
8/5/99 7:30	1015.25	29.98	0.628	118.90	246.02	499.41			
8/5/99 7:45	1015.50	29.99	0.678	116.02	240.84	516.71			
8/5/99 8:00	1015.75	30.00	0.623	118.64	245.55	496.89	501.38		
8/5/99 8:15	1015.63	29.99	0.622	118.38	245.08	496.51			
8/5/99 8:30	1015.63	29.99	0.624	118.64	245.55	497.40			
8/5/99 8:45	1015.75	30.00	0.626	119.42	246.96	498.88			
8/5/99 9:00	1015.75	30.00	0.628	119.68	247.43	499.78	498.88		
8/5/99 9:15	1015.75	30.00	0.626	119.16	246.49	498.69			
8/5/99 9:30	1015.88	30.00	0.629	119.18	246.49	499.66			
8/5/99 9:45	1015.88	30.00	0.628	119.94	247.90	499.92			
8/5/99 10:00	1015.88	30.00	0.631	121.25	250.25	501.98	501.17		
8/5/99 10:15	1015.88	30.00	0.631	122.30	252.13	502.41			
8/5/99 10:30	1015.75	30.00	0.630	121.77	251.19	501.87			
8/5/99 10:45	1015.88	30.00	0.629	121.25	250.25	501.27			
8/5/99 11:00	1015.88	30.00	0.632	122.03	251.66	502.76	502.11		
8/5/99 11:15	1015.88	30.00	0.632	122.82	253.07	503.26			
8/5/99 11:30	1016.00	30.00	0.629	121.51	250.72	501.40			
8/5/99 11:45	1015.88	30.00	0.632	122.30	252.13	502.92			
8/5/99 12:00	1015.88	30.00	0.635	123.60	254.48	504.99	503.66		
8/5/99 12:15	1015.75	30.00	0.634	123.60	254.48	504.50			
8/5/99 12:30	1015.75	30.00	0.633	124.13	255.43	504.60			
8/5/99 12:45	1015.63	29.99	0.636	124.65	256.37	505.95			
8/5/99 13:00	1015.50	29.99	0.634	124.91	256.84	505.67	505.76		
8/5/99 13:15	1015.50	29.99	0.636	125.17	257.31	506.32			
8/5/99 13:30	1015.50	29.99	0.635	125.43	257.78	506.24			
8/5/99 13:45	1015.50	29.99	0.637	125.95	258.72	507.33			
8/5/99 14:00	1015.38	29.96	0.635	125.43	257.78	506.28	506.34		
8/5/99 14:15	1015.25	29.98	0.636	124.91	256.84	506.21			
8/5/99 14:30	1015.25	29.98	0.634	125.17	257.31	505.62			
8/5/99 14:45	1015.25	29.98	0.633	123.86	254.95	504.31			
8/5/99 15:00	1015.13	29.98	0.632	123.60	254.48	503.94	505.15		
8/5/99 15:15	1015.13	29.98	0.636	124.65	256.37	506.32			
8/5/99 15:30	1014.86	29.97	0.634	124.91	256.84	505.55			
8/5/99 15:45	1014.88	29.97	0.634	125.17	257.31	505.72			
8/5/99 16:00	1014.88	29.97	0.634	125.43	257.78	506.16	506.62		
8/5/99 16:15	1014.75	29.97	0.639	125.95	258.72	508.24			
8/5/99 16:30	1014.75	29.97	0.638	127.00	260.60	508.42			
8/5/99 16:45	1014.63	29.96	0.638	127.26	261.07	508.66			
8/5/99 17:00	1014.63	29.96	0.636	127.26	261.07	507.86	508.30		
8/5/99 17:15	1014.63	29.96	0.636	126.74	260.13	507.53			
8/5/99 17:30	1014.75	29.97	0.638	127.26	261.07	508.83			
8/5/99 17:45	1014.75	29.97	0.636	126.48	259.66	508.33			
8/5/99 18:00	1014.75	29.97	0.638	126.22	259.19	507.93	507.80		
8/5/99 18:15	1014.88	29.97	0.637	125.69	258.25	507.32			
8/5/99 18:30	1014.75	29.97	0.635	125.69	258.25	506.60			
8/5/99 18:45	1014.75	29.97	0.633	123.86	254.95	504.44			
8/5/99 19:00	1014.75	29.97	0.634	122.82	253.07	504.25	504.56		
8/5/99 19:15	1014.75	29.97	0.631	122.56	252.60	503.09			
8/5/99 19:30	1014.75	29.97	0.635	122.30	252.13	504.44			
8/5/99 19:45	1014.75	29.97	0.636	123.34	254.01	505.58			
8/5/99 20:00	1015.00	29.97	0.634	123.08	253.54	504.36	504.85		
8/5/99 20:15	1015.00	29.97	0.636	122.82	253.07	504.95			
8/5/99 20:30	1015.13	29.98	0.638	122.82	253.07	504.91			
8/5/99 20:45	1015.13	29.98	0.636	123.08	253.54	505.08			
8/5/99 21:00	1015.25	29.98	0.638	122.82	253.07	505.64	505.49		
8/5/99 21:15	1015.38	29.98	0.639	122.82	253.07	506.08			
8/5/99 21:30	1015.50	29.99	0.638	123.08	253.54	505.74			
8/5/99 21:45	1015.63	29.99	0.639	123.08	253.54	506.19			
8/5/99 22:00	1015.88	30.00	0.636	122.56	252.60	504.80	505.39		
8/5/99 22:15	1016.00	30.00	0.638	122.30	252.13	505.35			
8/5/99 22:30	1016.25	30.01	0.638	122.03	251.66	504.89			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/3/99 11:15	1023.75	30.23	0.646	122.30	252.13	507.13			
8/3/99 11:30	1023.63	30.23	0.649	122.56	252.60	507.60			
8/3/99 11:45	1023.50	30.22	0.649	122.82	253.07	508.00			
8/3/99 12:00	1023.38	30.22	0.646	122.82	253.07	507.56	508.22		
8/3/99 12:15	1023.25	30.22	0.649	123.34	254.01	508.40			
8/3/99 12:30	1023.13	30.21	0.651	123.60	254.48	509.34			
8/3/99 12:45	1023.13	30.21	0.649	123.08	253.54	508.26			
8/3/99 13:00	1023.00	30.21	0.648	123.34	254.01	507.99	508.71		
8/3/99 13:15	1022.88	30.21	0.649	124.13	255.43	508.99			
8/3/99 13:30	1022.63	30.20	0.649	123.60	254.48	508.99			
8/3/99 13:45	1022.50	30.19	0.648	123.86	254.95	508.88			
8/3/99 14:00	1022.38	30.19	0.649	124.65	256.37	509.45	509.43		
8/3/99 14:15	1022.13	30.18	0.650	124.91	256.84	510.19			
8/3/99 14:30	1022.00	30.16	0.646	125.43	257.78	509.81			
8/3/99 14:45	1021.88	30.18	0.649	125.43	257.78	510.35			
8/3/99 15:00	1021.88	30.18	0.649	125.43	257.78	510.08	510.12		
8/3/99 15:15	1021.63	30.17	0.647	125.43	257.78	509.43			
8/3/99 15:30	1021.50	30.16	0.649	126.22	259.19	510.95			
8/3/99 15:45	1021.25	30.16	0.645	125.69	258.25	508.94			
8/3/99 16:00	1021.13	30.15	0.645	124.65	256.37	508.31	509.43		
8/3/99 16:15	1021.00	30.15	0.647	124.91	256.84	509.25			
8/3/99 16:30	1020.88	30.15	0.646	125.17	257.31	509.69			
8/3/99 16:45	1020.75	30.14	0.646	124.13	255.43	508.54			
8/3/99 17:00	1020.63	30.14	0.646	125.17	257.31	509.00	509.45		
8/3/99 17:15	1020.50	30.14	0.646	125.43	257.78	509.44			
8/3/99 17:30	1020.50	30.14	0.649	125.69	258.25	510.59			
8/3/99 17:45	1020.38	30.13	0.645	125.17	257.31	508.83			
8/3/99 18:00	1020.25	30.13	0.648	125.43	257.78	510.25	509.77		
8/3/99 18:15	1020.13	30.12	0.648	125.95	258.72	510.38			
8/3/99 18:30	1020.00	30.12	0.646	124.65	256.37	508.82			
8/3/99 18:45	1019.88	30.12	0.643	123.08	253.54	506.87			
8/3/99 19:00	1019.63	30.11	0.643	123.08	253.54	506.69	507.11		
8/3/99 19:15	1019.50	30.11	0.643	122.82	253.07	506.79			
8/3/99 19:30	1019.50	30.11	0.643	122.56	252.60	506.39			
8/3/99 19:45	1019.50	30.11	0.640	122.03	251.66	505.07			
8/3/99 20:00	1019.38	30.10	0.644	122.82	253.07	507.06	506.44		
8/3/99 20:15	1019.50	30.11	0.643	122.82	253.07	506.79			
8/3/99 20:30	1019.50	30.11	0.644	122.56	252.60	506.86			
8/3/99 20:45	1019.63	30.11	0.642	122.30	252.13	505.96			
8/3/99 21:00	1019.50	30.11	0.644	122.56	252.60	506.86	507.24		
8/3/99 21:15	1019.50	30.11	0.646	123.08	253.54	508.18			
8/3/99 21:30	1019.63	30.11	0.646	123.34	254.01	508.32			
8/3/99 21:45	1019.63	30.11	0.645	122.82	253.07	507.51			
8/3/99 22:00	1019.63	30.11	0.643	122.30	252.13	506.43	506.89		
8/3/99 22:15	1019.75	30.11	0.644	122.30	252.13	506.63			
8/3/99 22:30	1019.88	30.12	0.642	121.77	251.19	505.56			
8/3/99 22:45	1019.75	30.11	0.643	120.99	249.78	505.56			
8/3/99 23:00	1019.75	30.11	0.639	120.73	249.31	503.94	504.92		
8/3/99 23:15	1019.63	30.11	0.641	120.21	248.37	504.34			
8/3/99 23:30	1019.50	30.11	0.643	120.73	249.31	505.22			
8/3/99 23:45	1019.38	30.10	0.641	120.21	248.37	504.40			
8/4/99 0:00	1019.25	30.10	0.641	120.21	248.37	504.43	504.52		
8/4/99 0:15	1019.13	30.09	0.641	119.94	247.90	504.06			
8/4/99 0:30	1019.00	30.09	0.641	120.21	248.37	504.50			
8/4/99 0:45	1019.13	30.09	0.641	119.94	247.90	504.30			
8/4/99 1:00	1019.00	30.09	0.639	119.42	246.96	503.29	503.79		
8/4/99 1:15	1019.00	30.09	0.641	119.42	246.96	503.76			
8/4/99 1:30	1019.00	30.09	0.639	119.16	246.49	503.12			
8/4/99 1:45	1018.75	30.08	0.639	119.42	246.96	503.07			
8/4/99 2:00	1018.75	30.08	0.639	119.16	246.49	503.18	503.05		
8/4/99 2:15	1018.88	30.09	0.638	119.16	246.49	502.64			
8/4/99 2:30	1018.75	30.08	0.640	118.90	246.02	503.25			
8/4/99 2:45	1018.63	30.08	0.639	118.90	246.02	503.04			
8/4/99 3:00	1018.50	30.08	0.638	118.38	245.08	502.23	502.82		
8/4/99 3:15	1018.63	30.08	0.641	118.90	246.02	503.75			
8/4/99 3:30	1018.50	30.08	0.636	118.90	246.02	501.81			
8/4/99 3:45	1018.38	30.07	0.639	119.18	246.49	503.27			
8/4/99 4:00	1018.38	30.07	0.639	119.16	246.49	503.00	502.38		
8/4/99 4:15	1018.38	30.07	0.636	118.90	246.02	501.84			
8/4/99 4:30	1018.25	30.07	0.637	118.64	245.55	501.98			
8/4/99 4:45	1018.13	30.07	0.639	118.90	246.02	502.89			
8/4/99 5:00	1018.00	30.06	0.638	118.64	245.55	502.52	502.10		
8/4/99 5:15	1018.00	30.06	0.635	118.38	245.08	501.13			
8/4/99 5:30	1017.88	30.06	0.638	118.12	244.61	501.98			
8/4/99 5:45	1017.88	30.06	0.639	118.38	245.08	502.62			
8/4/99 6:00	1017.88	30.06	0.637	118.90	246.02	502.24	501.88		
8/4/99 6:15	1017.88	30.06	0.638	118.12	244.61	501.96			
8/4/99 6:30	1017.88	30.06	0.634	117.85	244.14	500.59			
8/4/99 6:45	1018.00	30.06	0.636	118.12	244.61	501.44			
8/4/99 7:00	1018.13	30.07	0.636	118.38	245.08	501.57	501.25		
8/4/99 7:15	1018.13	30.07	0.636	118.38	245.08	501.34			
8/4/99 7:30	1018.00	30.06	0.635	118.64	245.55	501.30			
8/4/99 7:45	1018.00	30.06	0.638	119.16	246.49	502.10			
8/4/99 8:00	1017.88	30.06	0.638	119.42	246.96	502.30	501.99		
8/4/99 8:15	1017.88	30.06	0.638	119.42	246.96	502.30			
8/4/99 8:30	1017.75	30.05	0.634	119.94	247.90	501.96			
8/4/99 8:45	1017.63	30.05	0.637	120.21	248.37	503.14			
8/4/99 9:00	1017.75	30.05	0.636	121.25	250.25	503.50	503.61		
8/4/99 9:15	1017.75	30.05	0.638	121.77	251.19	504.59			
8/4/99 9:30	1017.75	30.05	0.638	122.56	252.60	504.65			
8/4/99 9:45	1017.63	30.05	0.637	123.08	253.54	504.98			
8/4/99 10:00	1017.63	30.05	0.637	123.60	254.48	505.31	505.92		
8/4/99 10:15	1017.63	30.05	0.642	123.88	254.95	507.45			
8/4/99 10:30	1017.63	30.05	0.640	124.39	255.90	507.04			
8/4/99 10:45	1017.50	30.05	0.639	124.91	256.84	506.88			
8/4/99 11:00	1017.38	30.04	0.643	125.43	257.78	508.76	507.49		
8/4/99 11:15	1017.25	30.04	0.641	125.17	257.31	507.67			
8/4/99 11:30	1017.25	30.04	0.637	125.95	258.72	506.90			
8/4/99 11:45	1017.25	30.04	0.640	125.95	258.72	508.13			
8/4/99 12:00	1017.00	30.03	0.640	126.22	259.19	508.36	508.46		
8/4/99 12:15	1016.75	30.02	0.642	126.74	260.13	509.51			
8/4/99 12:30	1016.63	30.02	0.641	127.00	260.60	509.43			
8/4/99 12:45	1016.50	30.02	0.640	126.74	260.13	508.81			
8/4/99 13:00	1016.13	30.01	0.641	126.04	262.48	510.22	509.40		
8/4/99 13:15	1016.00	30.00	0.640	126.04	262.48	509.77			
8/4/99 13:30	1015.86	30.00	0.639	127.26	261.07	508.79			
8/4/99 13:45	1015.75	30.00	0.641	127.52	261.54	509.74			
8/4/99 14:00	1015.50	29.99	0.639	127.52	261.54	509.32	509.06		
8/4/99 14:15	1015.36	29.98	0.637	127.26	261.07	508.19			
8/4/99 14:30	1015.25	29.98	0.639	127.78	262.01	509.27			
8/4/99 14:45	1015.00	29.97	0.640	128.04	262.48	510.02			
8/4/99 15:00	1014.86	29.97	0.641	128.31	262.95	510.46	510.12		
8/4/99 15:15	1014.63	29.96	0.640	128.31	262.95	510.26			
8/4/99 15:30	1014.50	29.96	0.641	128.31	262.95	510.55			
8/4/99 15:45	1014.38	29.95	0.640	128.57	263.42	510.51			
8/4/99 16:00	1014.13	29.95	0.637	128.57	263.42	509.34	510.07		
8/4/99 16:15	1014.00	29.94	0.639	128.31	262.95	509.92			
8/4/99 16:30	1014.13	29.95	0.639	128.57	263.42	510.05			
8/4/99 16:45	1014.13	29.95	0.640	128.31	262.95	510.41			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Main Flow (SCFM)	Delta (SCFM)
8/2/99 5:30	1019.75	30.11	0.595	118.38	245.08	484.67			
8/2/99 5:45	1020.00	30.12	0.598	118.90	246.02	485.95			
8/2/99 6:00	1020.25	30.13	0.595	119.18	246.49	485.04	485.45		
8/2/99 6:15	1020.50	30.14	0.596	119.68	247.43	485.79			
8/2/99 6:30	1020.50	30.14	0.596	119.68	247.43	485.79			
8/2/99 6:45	1020.63	30.14	0.598	119.18	246.49	485.97			
8/2/99 7:00	1020.75	30.14	0.594	118.38	245.08	483.95	485.40		
8/2/99 7:15	1020.63	30.14	0.596	117.85	244.14	484.39			
8/2/99 7:30	1020.63	30.14	0.601	118.64	245.55	486.90			
8/2/99 7:45	1020.75	30.14	0.604	120.99	249.78	489.87			
8/2/99 8:00	1021.13	30.15	0.603	122.03	251.66	489.90	491.92		
8/2/99 8:15	1021.25	30.16	0.609	122.82	253.07	492.63			
8/2/99 8:30	1021.13	30.15	0.628	122.56	252.60	500.28			
8/2/99 8:45	1021.25	30.16	0.633	120.73	249.31	501.08			
8/2/99 9:00	1021.25	30.16	0.596	124.65	256.37	488.67	495.33		
8/2/99 9:15	1021.38	30.16	0.596	124.91	256.84	488.80			
8/2/99 9:30	1021.50	30.16	0.618	125.17	257.31	497.83			
8/2/99 9:45	1021.75	30.17	0.648	125.43	257.78	509.87			
8/2/99 10:00	1021.75	30.17	0.646	125.69	258.25	510.04	507.85		
8/2/99 10:15	1021.75	30.17	0.649	126.22	259.19	510.61			
8/2/99 10:30	1021.75	30.17	0.649	126.22	259.19	510.89			
8/2/99 10:45	1022.00	30.18	0.651	126.48	259.66	511.70			
8/2/99 11:00	1022.13	30.18	0.652	127.00	260.60	512.28	512.20		
8/2/99 11:15	1022.13	30.18	0.653	127.00	260.60	512.75			
8/2/99 11:30	1022.25	30.19	0.654	127.26	261.07	513.39			
8/2/99 11:45	1022.13	30.18	0.654	127.26	261.07	513.42			
8/2/99 12:00	1022.13	30.18	0.656	127.26	261.07	513.89	513.76		
8/2/99 12:15	1022.00	30.18	0.656	127.26	261.07	513.93			
8/2/99 12:30	1021.75	30.17	0.656	127.52	261.54	514.16			
8/2/99 12:45	1021.63	30.17	0.659	127.78	262.01	515.57			
8/2/99 13:00	1021.75	30.17	0.658	127.78	262.01	515.30	515.17		
8/2/99 13:15	1021.75	30.17	0.658	127.78	262.01	515.30			
8/2/99 13:30	1021.63	30.17	0.658	128.04	262.48	515.50			
8/2/99 13:45	1021.50	30.16	0.660	128.04	262.48	516.28			
8/2/99 14:00	1021.38	30.16	0.658	128.04	262.48	515.57	515.13		
8/2/99 14:15	1021.38	30.16	0.659	128.31	262.95	515.97			
8/2/99 14:30	1021.63	30.17	0.654	125.69	258.25	512.31			
8/2/99 14:45	1021.50	30.16	0.649	121.51	250.72	507.66			
8/2/99 15:00	1021.50	30.16	0.649	121.25	250.25	507.76	508.23		
8/2/99 15:15	1021.63	30.17	0.651	120.99	249.78	508.03			
8/2/99 15:30	1021.63	30.17	0.646	119.94	247.90	505.41			
8/2/99 15:45	1021.75	30.17	0.648	119.94	247.90	506.35			
8/2/99 16:00	1021.75	30.17	0.646	119.42	246.96	505.04	505.60		
8/2/99 16:15	1021.75	30.17	0.648	120.21	248.37	506.52			
8/2/99 16:30	1021.88	30.18	0.646	118.90	246.02	504.67			
8/2/99 16:45	1021.75	30.17	0.648	119.16	246.49	505.61			
8/2/99 17:00	1021.75	30.17	0.647	119.94	247.90	505.88	505.04		
8/2/99 17:15	1021.75	30.17	0.645	119.94	247.90	505.14			
8/2/99 17:30	1021.75	30.17	0.644	118.38	245.08	503.90			
8/2/99 17:45	1021.75	30.17	0.646	119.16	246.49	504.87			
8/2/99 18:00	1021.75	30.17	0.648	120.21	248.37	506.29	504.96		
8/2/99 18:15	1021.75	30.17	0.646	119.68	247.43	505.21			
8/2/99 18:30	1021.88	30.18	0.644	119.42	246.96	504.54			
8/2/99 18:45	1021.88	30.18	0.644	118.38	245.08	503.87			
8/2/99 19:00	1021.75	30.17	0.644	118.38	245.08	503.90	504.09		
8/2/99 19:15	1021.75	30.17	0.643	118.12	244.61	503.22			
8/2/99 19:30	1021.75	30.17	0.646	118.90	246.02	504.94			
8/2/99 19:45	1021.75	30.17	0.646	119.68	247.43	505.44			
8/2/99 20:00	1021.63	30.17	0.646	119.94	247.90	505.41	506.08		
8/2/99 20:15	1021.63	30.17	0.648	120.47	248.84	506.72			
8/2/99 20:30	1021.63	30.17	0.649	121.51	250.72	507.90			
8/2/99 20:45	1021.75	30.17	0.649	121.77	251.19	507.76			
8/2/99 21:00	1021.75	30.17	0.650	121.25	250.25	507.94	507.87		
8/2/99 21:15	1021.75	30.17	0.649	121.77	251.19	507.76			
8/2/99 21:30	1021.88	30.18	0.649	121.77	251.19	508.01			
8/2/99 21:45	1022.00	30.18	0.649	121.77	251.19	507.98			
8/2/99 22:00	1022.13	30.18	0.649	121.25	250.25	507.33	507.25		
8/2/99 22:15	1022.25	30.19	0.647	120.47	248.84	506.10			
8/2/99 22:30	1022.50	30.19	0.649	120.21	248.37	506.84			
8/2/99 22:45	1022.63	30.20	0.648	120.21	248.37	506.30			
8/2/99 23:00	1022.63	30.20	0.648	119.94	247.90	506.14	506.32		
8/2/99 23:15	1022.63	30.20	0.646	119.94	247.90	505.39			
8/2/99 23:30	1022.63	30.20	0.651	119.68	247.43	506.94			
8/2/99 23:45	1022.63	30.20	0.648	119.68	247.43	505.73			
8/3/99 0:00	1022.63	30.20	0.646	119.68	247.43	504.99	505.79		
8/3/99 0:15	1022.75	30.20	0.648	119.42	246.96	505.53			
8/3/99 0:30	1022.75	30.20	0.648	119.42	246.96	505.77			
8/3/99 0:45	1022.88	30.21	0.648	119.42	246.96	505.50			
8/3/99 1:00	1023.00	30.21	0.651	119.16	246.49	506.75	505.78		
8/3/99 1:15	1023.00	30.21	0.646	119.16	246.49	505.30			
8/3/99 1:30	1022.88	30.21	0.648	119.16	246.49	505.57			
8/3/99 1:45	1022.88	30.21	0.648	118.64	245.55	505.00			
8/3/99 2:00	1022.75	30.20	0.647	118.90	246.02	504.96	505.23		
8/3/99 2:15	1022.75	30.20	0.649	118.64	245.55	505.77			
8/3/99 2:30	1022.75	30.20	0.648	118.38	245.08	504.86			
8/3/99 2:45	1022.75	30.20	0.649	118.38	245.08	505.33			
8/3/99 3:00	1022.63	30.20	0.646	118.12	244.61	503.96	504.58		
8/3/99 3:15	1022.50	30.19	0.644	117.59	243.67	503.21			
8/3/99 3:30	1022.50	30.19	0.649	118.12	244.61	505.49			
8/3/99 3:45	1022.38	30.19	0.646	117.85	244.14	503.66			
8/3/99 4:00	1022.50	30.19	0.647	117.85	244.14	504.35	504.41		
8/3/99 4:15	1022.75	30.20	0.646	117.59	243.67	503.85			
8/3/99 4:30	1023.00	30.21	0.648	117.85	244.14	504.46			
8/3/99 4:45	1022.88	30.21	0.648	117.85	244.14	504.49			
8/3/99 5:00	1023.00	30.21	0.649	117.85	244.14	504.93	504.51		
8/3/99 5:15	1023.00	30.21	0.648	117.85	244.14	504.46			
8/3/99 5:30	1023.13	30.21	0.647	117.85	244.14	504.20			
8/3/99 5:45	1023.13	30.21	0.648	117.59	243.67	504.26			
8/3/99 6:00	1023.13	30.21	0.647	117.59	243.67	504.03	504.21		
8/3/99 6:15	1023.13	30.21	0.648	117.59	243.67	504.28			
8/3/99 6:30	1023.00	30.21	0.648	117.59	243.67	504.29			
8/3/99 6:45	1023.00	30.21	0.649	117.33	243.20	504.86			
8/3/99 7:00	1023.25	30.22	0.646	117.33	243.20	503.56	504.38		
8/3/99 7:15	1023.25	30.22	0.646	117.59	243.87	504.23			
8/3/99 7:30	1023.38	30.22	0.649	117.59	243.67	504.94			
8/3/99 7:45	1023.63	30.23	0.647	117.33	243.20	503.74			
8/3/99 8:00	1023.88	30.23	0.647	118.12	244.61	504.18	504.13		
8/3/99 8:15	1024.00	30.24	0.646	118.12	244.61	503.84			
8/3/99 8:30	1024.00	30.24	0.647	118.12	244.61	504.15			
8/3/99 8:45	1024.13	30.24	0.648	119.16	246.49	505.26			
8/3/99 9:00	1024.00	30.24	0.650	119.42	246.96	506.20	505.70		
8/3/99 9:15	1024.25	30.25	0.649	119.68	247.43	505.80			
8/3/99 9:30	1024.25	30.25	0.651	120.21	248.37	507.11			
8/3/99 9:45	1024.13	30.24	0.648	120.47	248.84	506.10			
8/3/99 10:00	1024.00	30.24	0.647	120.21	248.37	505.50	505.95		
8/3/99 10:15	1023.88	30.23	0.646	119.94	247.90	505.08			
8/3/99 10:30	1023.75	30.23	0.648	120.47	248.84	505.96			
8/3/99 10:45	1023.75	30.23	0.647	120.73	249.31	505.89			
8/3/99 11:00	1023.75	30.23	0.646	121.51	250.72	506.12	506.58		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Main Flow (SCFM)	Delta (SCFM)
7/31/99 23:45	1011.63	29.87	0.605	122.56	252.60	493.30			
8/1/99 0:00	1011.83	29.87	0.606	123.08	253.54	493.87	492.97		
8/1/99 0:15	1011.75	29.88	0.603	122.82	253.07	492.41			
8/1/99 0:30	1011.88	29.88	0.603	122.30	252.13	492.30			
8/1/99 0:45	1012.63	29.90	0.604	122.30	252.13	492.65			
8/1/99 1:00	1012.50	29.90	0.604	122.56	252.60	492.84	492.79		
8/1/99 1:15	1012.75	29.91	0.604	123.08	253.54	492.82			
8/1/99 1:30	1012.75	29.91	0.605	123.08	253.54	493.35			
8/1/99 1:45	1012.83	29.90	0.602	123.08	253.54	492.11			
8/1/99 2:00	1012.83	29.90	0.603	122.82	253.07	492.20	492.33		
8/1/99 2:15	1012.63	29.90	0.604	122.56	252.60	492.53			
8/1/99 2:30	1012.63	29.90	0.602	122.03	251.66	491.47			
8/1/99 2:45	1012.83	29.90	0.601	121.77	251.19	491.02			
8/1/99 3:00	1012.75	29.91	0.601	121.77	251.19	490.99	491.19		
8/1/99 3:15	1012.75	29.91	0.603	121.77	251.19	491.76			
8/1/99 3:30	1012.75	29.91	0.601	121.77	251.19	490.74			
8/1/99 3:45	1012.75	29.91	0.601	121.77	251.19	490.74			
8/1/99 4:00	1012.88	29.91	0.602	122.03	251.66	491.40	491.05		
8/1/99 4:15	1012.88	29.91	0.602	121.77	251.19	491.24			
8/1/99 4:30	1012.88	29.91	0.601	122.03	251.66	491.12			
8/1/99 4:45	1012.88	29.91	0.603	121.77	251.19	491.49			
8/1/99 5:00	1012.88	29.91	0.601	121.51	250.72	490.55	491.08		
8/1/99 5:15	1013.00	29.91	0.601	121.51	250.72	490.76			
8/1/99 5:30	1013.00	29.91	0.603	121.77	251.19	491.46			
8/1/99 5:45	1013.00	29.91	0.601	121.77	251.19	490.93			
8/1/99 6:00	1013.13	29.92	0.601	121.77	251.19	490.65	490.84		
8/1/99 6:15	1013.38	29.92	0.603	121.77	251.19	491.37			
8/1/99 6:30	1013.50	29.93	0.599	121.77	251.19	489.78			
8/1/99 6:45	1013.38	29.92	0.601	122.03	251.66	490.75			
8/1/99 7:00	1013.50	29.93	0.599	122.03	251.66	490.23	490.10		
8/1/99 7:15	1013.75	29.94	0.599	121.51	250.72	489.85			
8/1/99 7:30	1013.88	29.94	0.600	121.25	250.25	489.90			
8/1/99 7:45	1014.00	29.94	0.599	120.73	249.31	489.30			
8/1/99 8:00	1014.00	29.94	0.604	121.77	251.19	491.99	490.48		
8/1/99 8:15	1013.88	29.94	0.602	122.03	251.66	491.16			
8/1/99 8:30	1014.00	29.94	0.600	121.51	250.72	490.03			
8/1/99 8:45	1014.00	29.94	0.599	120.21	248.37	488.69			
8/1/99 9:00	1014.13	29.95	0.599	119.88	247.43	488.34	488.87		
8/1/99 9:15	1014.38	29.95	0.597	119.42	246.96	487.38			
8/1/99 9:30	1014.38	29.95	0.602	120.21	248.37	489.90			
8/1/99 9:45	1014.63	29.96	0.601	121.51	250.72	490.37			
8/1/99 10:00	1014.75	29.97	0.601	122.30	252.13	490.83	490.75		
8/1/99 10:15	1014.88	29.97	0.601	123.08	253.54	491.28			
8/1/99 10:30	1015.13	29.98	0.601	123.34	254.01	491.38			
8/1/99 10:45	1015.38	29.98	0.604	123.60	254.48	492.51			
8/1/99 11:00	1015.25	29.98	0.600	124.13	255.43	491.35	492.08		
8/1/99 11:15	1015.50	29.99	0.601	124.39	255.90	491.69			
8/1/99 11:30	1015.63	29.99	0.605	124.39	255.90	493.46			
8/1/99 11:45	1015.75	30.00	0.600	124.39	255.90	491.39			
8/1/99 12:00	1015.88	30.00	0.603	123.88	254.95	492.30	491.79		
8/1/99 12:15	1015.88	30.00	0.602	122.82	253.07	491.16			
8/1/99 12:30	1015.88	30.00	0.601	122.82	253.07	490.63			
8/1/99 12:45	1015.88	30.00	0.599	122.56	252.60	489.98			
8/1/99 13:00	1015.88	30.00	0.603	123.88	254.95	492.30	491.00		
8/1/99 13:15	1015.88	30.00	0.600	123.88	254.95	491.04			
8/1/99 13:30	1015.88	30.00	0.600	123.88	254.95	491.04			
8/1/99 13:45	1015.88	30.00	0.598	122.82	253.07	489.61			
8/1/99 14:00	1015.75	30.00	0.600	123.60	254.48	490.90	490.46		
8/1/99 14:15	1015.75	30.00	0.599	123.34	254.01	490.50			
8/1/99 14:30	1015.63	29.99	0.599	123.34	254.01	490.24			
8/1/99 14:45	1015.50	29.99	0.600	124.65	256.37	491.61			
8/1/99 15:00	1015.50	29.99	0.599	123.60	254.48	490.72	490.59		
8/1/99 15:15	1015.50	29.99	0.597	123.08	253.54	489.37			
8/1/99 15:30	1015.63	29.99	0.599	124.13	255.43	491.01			
8/1/99 15:45	1015.50	29.99	0.598	123.60	254.48	490.19			
8/1/99 16:00	1015.38	29.98	0.598	124.13	255.43	490.29	489.97		
8/1/99 16:15	1015.38	29.98	0.597	123.60	254.48	489.72			
8/1/99 16:30	1015.38	29.98	0.595	123.08	253.54	488.62			
8/1/99 16:45	1015.38	29.98	0.599	123.88	254.95	490.62			
8/1/99 17:00	1015.25	29.98	0.593	122.82	253.07	487.71	488.82		
8/1/99 17:15	1015.38	29.98	0.597	122.30	252.13	488.92			
8/1/99 17:30	1015.25	29.98	0.594	122.82	253.07	488.25			
8/1/99 17:45	1015.25	29.98	0.598	123.08	253.54	489.92			
8/1/99 18:00	1015.25	29.98	0.596	123.34	254.01	489.31	489.73		
8/1/99 18:15	1015.25	29.98	0.598	123.88	254.95	490.41			
8/1/99 18:30	1015.38	29.98	0.599	124.13	255.43	490.79			
8/1/99 18:45	1015.38	29.98	0.599	124.13	255.43	490.79			
8/1/99 19:00	1015.38	29.98	0.598	123.34	254.01	490.06	490.32		
8/1/99 19:15	1015.50	29.99	0.598	123.60	254.48	489.94			
8/1/99 19:30	1015.50	29.99	0.598	123.34	254.01	490.03			
8/1/99 19:45	1015.75	30.00	0.598	123.34	254.01	489.72			
8/1/99 20:00	1015.88	30.00	0.600	124.13	255.43	491.20	490.69		
8/1/99 20:15	1016.00	30.00	0.598	124.91	256.84	490.87			
8/1/99 20:30	1016.00	30.00	0.600	124.91	256.84	491.85			
8/1/99 20:45	1016.25	30.01	0.600	124.39	255.90	491.27			
8/1/99 21:00	1016.38	30.01	0.599	124.13	255.43	490.54	490.59		
8/1/99 21:15	1016.63	30.02	0.599	123.34	254.01	490.00			
8/1/99 21:30	1016.63	30.02	0.598	123.34	254.01	489.51			
8/1/99 21:45	1016.88	30.03	0.599	123.34	254.01	490.23			
8/1/99 22:00	1017.13	30.04	0.597	123.08	253.54	488.98	489.53		
8/1/99 22:15	1017.38	30.04	0.598	123.34	254.01	489.57			
8/1/99 22:30	1017.63	30.05	0.598	123.08	253.54	489.35			
8/1/99 22:45	1017.88	30.06	0.600	123.08	253.54	490.07			
8/1/99 23:00	1018.00	30.06	0.598	123.34	254.01	489.42	489.38		
8/1/99 23:15	1018.13	30.07	0.598	123.08	253.54	488.99			
8/1/99 23:30	1018.25	30.07	0.598	123.08	253.54	488.96			
8/1/99 23:45	1018.25	30.07	0.601	123.60	254.48	490.79			
8/2/99 0:00	1018.38	30.07	0.598	122.30	252.13	488.44	488.86		
8/2/99 0:15	1018.50	30.08	0.598	122.82	253.07	488.98			
8/2/99 0:30	1018.50	30.08	0.596	121.51	250.72	487.15			
8/2/99 0:45	1018.63	30.08	0.595	120.73	249.31	486.39			
8/2/99 1:00	1018.75	30.08	0.598	121.25	250.25	487.71	487.49		
8/2/99 1:15	1018.75	30.08	0.598	122.30	252.13	488.35			
8/2/99 1:30	1018.75	30.08	0.596	122.30	252.13	487.82			
8/2/99 1:45	1018.88	30.09	0.596	122.03	251.66	487.63			
8/2/99 2:00	1018.75	30.08	0.598	122.03	251.66	488.19	487.68		
8/2/99 2:15	1018.88	30.09	0.596	121.77	251.19	487.22			
8/2/99 2:30	1018.88	30.09	0.598	120.99	249.78	487.52			
8/2/99 2:45	1019.00	30.09	0.597	120.47	248.84	486.92			
8/2/99 3:00	1019.13	30.09	0.596	120.47	248.84	486.36	486.57		
8/2/99 3:15	1019.13	30.09	0.596	119.94	247.90	486.04			
8/2/99 3:30	1019.25	30.10	0.596	119.94	247.90	486.01			
8/2/99 3:45	1019.25	30.10	0.596	119.18	246.49	485.52			
8/2/99 4:00	1019.38	30.10	0.594	118.90	246.02	484.84	484.68		
8/2/99 4:15	1019.50	30.11	0.594	118.38	245.08	484.24			
8/2/99 4:30	1019.50	30.11	0.593	118.12	244.61	483.60			
8/2/99 4:45	1019.63	30.11	0.597	118.38	245.08	485.48			
8/2/99 5:00	1019.63	30.11	0.593	118.64	245.55	483.84	484.52		
8/2/99 5:15	1019.75	30.11	0.595	118.64	245.55	484.83			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/30/99 18:00	1008.00	29.77	0.638	131.18	268.12	513.02	513.02		
7/30/99 18:15	1008.13	29.77	0.639	130.66	267.18	512.90			
7/30/99 18:30	1008.13	29.77	0.637	130.66	267.18	512.18			
7/30/99 18:45	1008.00	29.77	0.349	130.40	266.71	378.87			
7/30/99 19:00	1008.13	29.77	0.021	129.87	265.77	92.02	233.14		
7/30/99 19:15	1008.00	29.77	0.019	129.87	265.77	89.31			
7/30/99 19:30	1008.00	29.77	0.021	129.61	265.30	93.33			
7/30/99 19:45	1008.00	29.77	0.021	129.35	264.83	93.30			
7/30/99 20:00	1008.00	29.77	0.018	129.09	264.36	86.18	89.90		
7/30/99 20:15	1008.00	29.77	0.020	128.83	263.89	90.56			
7/30/99 20:30	1008.00	29.77	0.018	128.57	263.42	86.12			
7/30/99 20:45	1008.00	29.77	0.022	128.31	262.95	94.70			
7/30/99 21:00	1008.25	29.77	0.019	128.04	262.48	89.09	87.76		
7/30/99 21:15	1008.50	29.78	0.016	127.78	262.01	79.86			
7/30/99 21:30	1008.75	29.79	0.019	127.52	261.54	89.01			
7/30/99 21:45	1009.00	29.80	0.019	127.00	260.60	88.94			
7/30/99 22:00	1009.25	29.80	0.023	126.74	260.13	95.74	90.51		
7/30/99 22:15	1009.50	29.81	0.019	125.43	257.78	88.75			
7/30/99 22:30	1009.63	29.81	0.020	125.17	257.31	90.08			
7/30/99 22:45	1009.63	29.81	0.019	125.17	257.31	88.71			
7/30/99 23:00	1009.63	29.81	0.019	125.17	257.31	87.10	90.01		
7/30/99 23:15	1009.75	29.82	0.019	124.91	256.84	88.68			
7/30/99 23:30	1009.63	29.81	0.023	124.65	256.37	95.48			
7/30/99 23:45	1009.75	29.82	0.024	124.13	255.43	97.92			
7/31/99 0:00	1009.88	29.82	0.020	124.39	255.90	89.98	94.03		
7/31/99 0:15	1009.88	29.82	0.022	124.39	255.90	94.15			
7/31/99 0:30	1009.88	29.82	0.021	124.39	255.90	92.64			
7/31/99 0:45	1009.88	29.82	0.023	123.88	254.95	96.63			
7/31/99 1:00	1009.75	29.82	0.019	123.88	254.95	88.56	93.16		
7/31/99 1:15	1009.75	29.82	0.023	124.13	255.43	96.67			
7/31/99 1:30	1009.50	29.81	0.021	124.13	255.43	91.30			
7/31/99 1:45	1009.50	29.81	0.022	123.60	254.48	94.08			
7/31/99 2:00	1009.25	29.80	0.025	123.34	254.01	100.49	95.06		
7/31/99 2:15	1009.25	29.80	0.022	123.60	254.48	94.09			
7/31/99 2:30	1009.25	29.80	0.023	123.34	254.01	95.34			
7/31/99 2:45	1009.13	29.80	0.021	123.34	254.01	91.23			
7/31/99 3:00	1009.25	29.80	0.021	123.34	254.01	92.54	92.55		
7/31/99 3:15	1009.38	29.81	0.021	123.08	253.54	91.19			
7/31/99 3:30	1009.83	29.81	0.021	122.82	253.07	92.46			
7/31/99 3:45	1009.75	29.82	0.023	122.82	253.07	96.51			
7/31/99 4:00	1009.75	29.82	0.021	122.30	252.13	92.40	94.83		
7/31/99 4:15	1009.83	29.81	0.024	121.77	251.19	97.64			
7/31/99 4:30	1009.50	29.81	0.023	121.77	251.19	95.14			
7/31/99 4:45	1009.38	29.81	0.024	121.77	251.19	99.08			
7/31/99 5:00	1009.13	29.80	0.024	121.51	250.72	97.63	97.90		
7/31/99 5:15	1009.25	29.80	0.023	121.51	250.72	95.12			
7/31/99 5:30	1009.50	29.81	0.026	120.99	249.78	102.56			
7/31/99 5:45	1009.63	29.81	0.026	120.99	249.78	101.37			
7/31/99 6:00	1009.75	29.82	0.024	120.99	249.78	98.96	99.34		
7/31/99 6:15	1009.88	29.82	0.024	120.99	249.78	97.53			
7/31/99 6:30	1010.38	29.84	0.023	121.25	250.25	96.29			
7/31/99 6:45	1010.75	29.85	0.023	120.99	249.78	96.24			
7/31/99 7:00	1011.00	29.85	0.023	120.99	249.78	96.23	98.03		
7/31/99 7:15	1011.13	29.86	0.024	120.99	249.78	98.89			
7/31/99 7:30	1011.25	29.86	0.026	121.25	250.25	102.51			
7/31/99 7:45	1011.38	29.87	0.028	121.77	251.19	105.08			
7/31/99 8:00	1011.63	29.87	0.027	122.30	252.13	103.98	107.11		
7/31/99 8:15	1011.50	29.87	0.034	122.82	253.07	116.47			
7/31/99 8:30	1011.25	29.86	0.029	123.08	253.54	107.53			
7/31/99 8:45	1011.13	29.66	0.028	123.34	254.01	106.44			
7/31/99 9:00	1011.00	29.85	0.031	123.60	254.48	111.12	105.96		
7/31/99 9:15	1011.00	29.85	0.026	124.39	255.90	101.74			
7/31/99 9:30	1011.00	29.85	0.026	124.65	256.37	102.96			
7/31/99 9:45	1010.63	29.84	0.434	124.91	256.84	419.45			
7/31/99 10:00	1010.63	29.84	0.611	125.17	257.31	497.46	403.04		
7/31/99 10:15	1010.63	29.84	0.610	125.43	257.78	497.37			
7/31/99 10:30	1010.50	29.84	0.611	125.95	258.72	497.98			
7/31/99 10:45	1010.38	29.84	0.611	126.22	259.19	498.41			
7/31/99 11:00	1010.38	29.84	0.611	126.22	259.19	498.17	498.21		
7/31/99 11:15	1010.25	29.83	0.610	126.22	259.19	497.95			
7/31/99 11:30	1010.50	29.84	0.611	126.48	259.66	498.55			
7/31/99 11:45	1010.50	29.84	0.611	127.00	260.60	498.63			
7/31/99 12:00	1010.38	29.84	0.611	127.52	261.54	499.23	498.95		
7/31/99 12:15	1010.13	29.83	0.609	127.78	262.01	498.72			
7/31/99 12:30	1010.00	29.83	0.611	128.04	262.48	499.65			
7/31/99 12:45	1010.25	29.83	0.611	128.31	262.95	499.50			
7/31/99 13:00	1010.38	29.84	0.611	128.31	262.95	499.47	499.58		
7/31/99 13:15	1010.25	29.83	0.610	128.57	263.42	499.42			
7/31/99 13:30	1010.13	29.83	0.611	128.83	263.89	499.86			
7/31/99 13:45	1010.13	29.83	0.608	128.83	263.89	498.83			
7/31/99 14:00	1010.13	29.83	0.608	129.61	265.30	499.07	499.82		
7/31/99 14:15	1009.88	29.82	0.609	129.61	265.30	499.91			
7/31/99 14:30	1009.75	29.82	0.611	129.61	265.30	500.44			
7/31/99 14:45	1009.50	29.81	0.607	129.61	265.30	498.98			
7/31/99 15:00	1009.38	29.81	0.607	129.61	265.30	499.01	499.46		
7/31/99 15:15	1009.13	29.80	0.607	129.87	265.77	499.23			
7/31/99 15:30	1009.13	29.80	0.608	130.13	266.24	499.64			
7/31/99 15:45	1009.13	29.80	0.608	130.13	266.24	499.64			
7/31/99 16:00	1009.00	29.80	0.608	130.13	266.24	499.67	499.73		
7/31/99 16:15	1009.00	29.80	0.606	130.40	266.71	499.05			
7/31/99 16:30	1008.88	29.79	0.609	130.40	266.71	500.85			
7/31/99 16:45	1008.88	29.79	0.607	130.40	266.71	499.82			
7/31/99 17:00	1008.88	29.79	0.605	130.40	266.71	498.84	499.96		
7/31/99 17:15	1008.88	29.79	0.609	130.40	266.71	500.36			
7/31/99 17:30	1008.88	29.79	0.609	130.40	266.71	500.36			
7/31/99 17:45	1008.75	29.79	0.609	130.13	266.24	500.23			
7/31/99 18:00	1008.75	29.79	0.608	129.87	265.77	499.82	500.00		
7/31/99 18:15	1008.75	29.79	0.608	129.61	265.30	499.88			
7/31/99 18:30	1008.63	29.78	0.609	129.61	265.30	499.94			
7/31/99 18:45	1008.50	29.78	0.608	129.35	264.83	499.31			
7/31/99 19:00	1008.50	29.78	0.608	128.83	263.89	498.99	499.07		
7/31/99 19:15	1008.88	29.79	0.606	128.57	263.42	498.20			
7/31/99 19:30	1009.13	29.80	0.608	128.57	263.42	498.92			
7/31/99 19:45	1009.75	29.82	0.608	127.78	262.01	498.03			
7/31/99 20:00	1010.25	29.83	0.606	128.22	259.19	496.18	497.08		
7/31/99 20:15	1010.50	29.84	0.607	125.17	257.31	495.98			
7/31/99 20:30	1011.00	29.85	0.608	125.17	257.31	496.34			
7/31/99 20:45	1011.25	29.86	0.604	124.39	255.90	494.28			
7/31/99 21:00	1011.25	29.88	0.606	123.86	254.95	494.45	494.57		
7/31/99 21:15	1011.13	29.86	0.605	123.34	254.01	493.91			
7/31/99 21:30	1011.25	29.86	0.605	123.34	254.01	493.88			
7/31/99 21:45	1011.25	29.88	0.604	123.08	253.54	493.47			
7/31/99 22:00	1011.25	29.88	0.608	123.08	253.54	494.73	493.87		
7/31/99 22:15	1011.38	29.87	0.607	123.34	254.01	494.62			
7/31/99 22:30	1011.50	29.87	0.603	123.08	253.54	492.83			
7/31/99 22:45	1011.63	29.87	0.606	122.56	252.60	493.54			
7/31/99 23:00	1011.75	29.88	0.601	122.56	252.60	491.72	492.67		
7/31/99 23:15	1011.88	29.88	0.603	122.58	252.60	492.46			
7/31/99 23:30	1011.88	29.88	0.604	122.58	252.60	492.99			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/29/99 12:15	1012.13	29.89	0.631	124.39	255.90	504.90			
7/29/99 12:30	1012.13	29.89	0.634	125.43	257.78	506.85			
7/29/99 12:45	1011.88	29.88	0.629	124.65	256.37	504.41			
7/29/99 13:00	1012.00	29.88	0.634	125.43	257.78	506.88	506.49		
7/29/99 13:15	1011.88	29.88	0.633	125.43	257.78	506.39			
7/29/99 13:30	1011.50	29.87	0.635	126.48	259.66	507.91			
7/29/99 13:45	1011.38	29.87	0.633	126.74	260.13	507.10			
7/29/99 14:00	1011.13	29.88	0.634	127.00	260.60	507.81	507.91		
7/29/99 14:15	1011.13	29.88	0.635	127.52	261.54	508.87			
7/29/99 14:30	1011.13	29.88	0.633	127.78	262.01	508.07			
7/29/99 14:45	1011.00	29.85	0.636	128.04	262.48	509.27			
7/29/99 15:00	1010.88	29.85	0.634	128.31	262.95	508.70	508.36		
7/29/99 15:15	1010.63	29.84	0.631	128.31	262.95	507.76			
7/29/99 15:30	1010.50	29.84	0.632	128.31	262.95	508.08			
7/29/99 15:45	1010.25	29.83	0.633	128.31	262.95	508.38			
7/29/99 16:00	1010.13	29.83	0.634	128.57	263.42	509.34	508.76		
7/29/99 16:15	1010.00	29.83	0.634	128.83	263.89	509.26			
7/29/99 16:30	1009.75	29.82	0.632	129.09	264.36	508.76			
7/29/99 16:45	1009.75	29.82	0.634	128.83	263.89	509.32			
7/29/99 17:00	1009.63	29.81	0.634	128.83	263.89	509.35	509.12		
7/29/99 17:15	1009.63	29.81	0.631	128.83	263.89	508.10			
7/29/99 17:30	1009.50	29.81	0.635	129.09	264.36	510.07			
7/29/99 17:45	1009.25	29.80	0.631	129.09	264.36	508.60			
7/29/99 18:00	1009.13	29.80	0.631	129.09	264.36	508.64	509.28		
7/29/99 18:15	1008.88	29.79	0.632	129.09	264.36	508.98			
7/29/99 18:30	1008.75	29.79	0.635	128.83	263.89	510.09			
7/29/99 18:45	1008.63	29.78	0.634	128.57	263.42	509.72			
7/29/99 19:00	1008.50	29.78	0.633	128.31	262.95	509.06	509.07		
7/29/99 19:15	1008.50	29.78	0.633	128.04	262.48	508.66			
7/29/99 19:30	1008.50	29.78	0.631	127.52	261.54	507.60			
7/29/99 19:45	1008.38	29.78	0.629	127.00	260.60	506.78			
7/29/99 20:00	1008.38	29.78	0.631	126.74	260.13	507.34	506.92		
7/29/99 20:15	1008.50	29.78	0.629	126.22	259.19	506.25			
7/29/99 20:30	1008.38	29.78	0.631	125.69	258.25	506.43			
7/29/99 20:45	1008.25	29.77	0.629	125.43	257.78	505.53			
7/29/99 21:00	1008.38	29.78	0.628	124.91	256.84	504.93	505.13		
7/29/99 21:15	1008.13	29.77	0.627	124.39	255.90	504.18			
7/29/99 21:30	1008.25	29.77	0.628	124.65	256.37	504.55			
7/29/99 21:45	1008.50	29.78	0.628	124.39	255.90	504.33			
7/29/99 22:00	1008.63	29.78	0.633	123.08	253.54	505.47	505.20		
7/29/99 22:15	1008.50	29.78	0.635	122.56	252.60	506.18			
7/29/99 22:30	1008.50	29.78	0.634	122.30	252.13	505.48			
7/29/99 22:45	1008.38	29.78	0.635	121.77	251.19	505.69			
7/29/99 23:00	1008.25	29.77	0.637	121.77	251.19	506.48	505.88		
7/29/99 23:15	1008.13	29.77	0.634	122.03	251.66	505.68			
7/29/99 23:30	1008.25	29.77	0.635	122.30	252.13	506.06			
7/29/99 23:45	1008.50	29.78	0.636	122.56	252.60	506.40			
7/30/99 0:00	1008.63	29.78	0.635	122.56	252.60	506.13	506.61		
7/30/99 0:15	1008.75	29.79	0.638	122.56	252.60	507.33			
7/30/99 0:30	1008.75	29.79	0.638	122.56	252.60	507.10			
7/30/99 0:45	1008.88	29.79	0.639	122.56	252.60	507.54			
7/30/99 1:00	1008.75	29.79	0.636	122.56	252.60	506.58	507.32		
7/30/99 1:15	1008.88	29.79	0.638	122.82	253.07	507.23			
7/30/99 1:30	1008.88	29.79	0.641	122.30	252.13	508.13			
7/30/99 1:45	1008.88	29.79	0.639	121.77	251.19	507.32			
7/30/99 2:00	1008.63	29.78	0.638	121.77	251.19	506.88	507.58		
7/30/99 2:15	1008.38	29.78	0.639	121.77	251.19	507.44			
7/30/99 2:30	1008.38	29.78	0.641	121.77	251.19	508.16			
7/30/99 2:45	1008.25	29.77	0.638	121.77	251.19	506.72			
7/30/99 3:00	1008.13	29.77	0.640	121.51	250.72	507.58	507.50		
7/30/99 3:15	1008.13	29.77	0.638	121.77	251.19	506.99			
7/30/99 3:30	1008.13	29.77	0.640	122.30	252.13	508.08			
7/30/99 3:45	1008.13	29.77	0.638	122.30	252.13	507.32			
7/30/99 4:00	1008.13	29.77	0.640	122.30	252.13	508.08	507.51		
7/30/99 4:15	1008.13	29.77	0.638	122.03	251.66	507.16			
7/30/99 4:30	1008.25	29.77	0.638	122.03	251.66	506.89			
7/30/99 4:45	1008.38	29.78	0.637	122.56	252.60	506.95			
7/30/99 5:00	1008.50	29.78	0.637	122.30	252.13	506.75	506.98		
7/30/99 5:15	1008.63	29.78	0.638	122.30	252.13	506.96			
7/30/99 5:30	1008.75	29.79	0.638	122.56	252.60	507.33			
7/30/99 5:45	1009.00	29.80	0.637	122.03	251.66	506.46			
7/30/99 6:00	1009.13	29.80	0.634	121.77	251.19	504.99	506.04		
7/30/99 6:15	1009.13	29.80	0.637	122.03	251.66	506.43			
7/30/99 6:30	1009.13	29.80	0.634	121.77	251.19	504.99			
7/30/99 6:45	1009.25	29.80	0.635	121.77	251.19	505.47			
7/30/99 7:00	1009.25	29.80	0.637	121.77	251.19	506.23	505.83		
7/30/99 7:15	1009.25	29.80	0.637	122.30	252.13	506.56			
7/30/99 7:30	1009.25	29.80	0.636	122.03	251.66	505.88			
7/30/99 7:45	1009.25	29.80	0.638	122.30	252.13	506.05			
7/30/99 8:00	1009.50	29.81	0.635	123.08	253.54	506.25	506.06		
7/30/99 8:15	1009.50	29.81	0.634	123.34	254.01	506.17			
7/30/99 8:30	1009.63	29.81	0.633	123.86	254.95	505.96			
7/30/99 8:45	1009.88	29.82	0.637	124.13	255.43	507.58			
7/30/99 9:00	1010.00	29.83	0.636	124.65	256.37	507.60	507.37		
7/30/99 9:15	1010.00	29.83	0.638	124.91	256.84	507.53			
7/30/99 9:30	1010.00	29.83	0.637	125.17	257.31	508.21			
7/30/99 9:45	1010.13	29.83	0.637	124.91	256.84	508.01			
7/30/99 10:00	1010.25	29.83	0.638	125.43	257.78	508.56	508.21		
7/30/99 10:15	1010.13	29.83	0.636	124.91	256.84	507.50			
7/30/99 10:30	1010.13	29.83	0.638	125.69	258.25	508.75			
7/30/99 10:45	1010.00	29.83	0.637	126.22	259.19	508.88			
7/30/99 11:00	1010.00	29.83	0.634	126.22	259.19	507.88	508.88		
7/30/99 11:15	1010.13	29.83	0.636	126.74	260.13	509.66			
7/30/99 11:30	1010.13	29.83	0.638	126.48	259.66	509.25			
7/30/99 11:45	1010.13	29.83	0.636	126.74	260.13	508.90			
7/30/99 12:00	1010.13	29.83	0.636	127.26	261.07	509.23	509.48		
7/30/99 12:15	1010.00	29.83	0.638	127.52	261.54	509.95			
7/30/99 12:30	1010.00	29.83	0.637	128.04	262.48	510.04			
7/30/99 12:45	1009.88	29.82	0.635	128.31	262.95	509.48			
7/30/99 13:00	1009.75	29.82	0.637	128.57	263.42	510.44	510.44		
7/30/99 13:15	1009.63	29.81	0.636	128.83	263.89	510.35			
7/30/99 13:30	1009.50	29.81	0.640	128.83	263.89	511.91			
7/30/99 13:45	1009.38	29.81	0.639	129.35	264.83	511.75			
7/30/99 14:00	1009.25	29.80	0.639	129.61	265.30	511.95	511.36		
7/30/99 14:15	1009.13	29.80	0.634	129.61	265.30	510.25			
7/30/99 14:30	1009.00	29.80	0.636	129.87	265.77	510.93			
7/30/99 14:45	1008.88	29.79	0.638	130.13	266.24	512.14			
7/30/99 15:00	1008.75	29.79	0.638	130.40	266.71	512.33	512.22		
7/30/99 15:15	1008.75	29.79	0.638	130.40	266.71	512.33			
7/30/99 15:30	1008.63	29.78	0.641	130.40	266.71	513.37			
7/30/99 15:45	1008.63	29.78	0.639	130.66	267.18	512.77			
7/30/99 16:00	1008.50	29.78	0.641	130.66	267.18	513.57	512.88		
7/30/99 16:15	1008.38	29.78	0.637	130.66	267.18	512.11			
7/30/99 16:30	1008.25	29.77	0.638	130.40	266.71	512.46			
7/30/99 16:45	1008.25	29.77	0.639	130.92	267.65	513.03			
7/30/99 17:00	1008.13	29.77	0.640	131.18	268.12	513.75	513.08		
7/30/99 17:15	1008.00	29.77	0.638	131.44	268.59	512.95			
7/30/99 17:30	1008.00	29.77	0.638	131.44	268.59	513.19			
7/30/99 17:45	1007.86	29.76	0.640	131.18	268.12	513.82			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/28/99 6:30	1015.00	29.97	0.728	113.15	235.67	533.61			
7/28/99 6:45	1015.00	29.97	0.726	113.15	235.67	533.61			
7/28/99 7:00	1015.00	29.97	0.727	113.67	236.61	533.73	534.29		
7/28/99 7:15	1015.13	29.98	0.729	113.67	236.61	534.61			
7/28/99 7:30	1015.38	29.98	0.733	113.41	236.14	535.50			
7/28/99 7:45	1015.63	29.99	0.736	113.41	236.14	536.56			
7/28/99 8:00	1015.63	29.99	0.741	113.67	236.61	538.57	528.67		
7/28/99 8:15	1015.38	29.98	0.706	114.72	236.49	527.17			
7/28/99 8:30	1015.25	29.96	0.642	119.94	247.90	505.54			
7/28/99 8:45	1015.38	29.98	0.643	120.47	248.84	506.31			
7/28/99 9:00	1015.63	29.99	0.644	121.25	250.25	506.99	506.48		
7/28/99 9:15	1016.00	30.00	0.643	121.77	251.19	507.00			
7/28/99 9:30	1015.88	30.00	0.642	121.77	251.19	506.55			
7/28/99 9:45	1016.13	30.01	0.644	121.51	250.72	507.03			
7/28/99 10:00	1016.50	30.02	0.645	120.99	249.78	507.12	506.54		
7/28/99 10:15	1015.88	30.00	0.645	120.73	249.31	507.10			
7/28/99 10:30	1016.13	30.01	0.643	118.90	246.02	504.88			
7/28/99 10:45	1016.13	30.01	0.641	118.38	245.08	503.80			
7/28/99 11:00	1015.75	30.00	0.643	119.16	246.49	505.38	505.39		
7/28/99 11:15	1015.50	29.99	0.644	119.94	247.90	506.46			
7/28/99 11:30	1015.75	30.00	0.644	120.47	248.84	506.45			
7/28/99 11:45	1015.88	30.00	0.645	121.77	251.19	507.78			
7/28/99 12:00	1015.75	30.00	0.647	122.56	252.60	509.06	508.16		
7/28/99 12:15	1015.75	30.00	0.646	123.08	253.54	508.88			
7/28/99 12:30	1015.38	29.98	0.645	123.08	253.54	508.74			
7/28/99 12:45	1015.13	29.98	0.641	123.34	254.01	507.47			
7/28/99 13:00	1015.00	29.97	0.643	124.13	255.43	508.75	508.27		
7/28/99 13:15	1015.00	29.97	0.642	124.39	255.90	508.44			
7/28/99 13:30	1015.00	29.97	0.641	124.39	255.90	507.93			
7/28/99 13:45	1015.13	29.98	0.642	124.39	255.90	508.41			
7/28/99 14:00	1015.00	29.97	0.643	124.65	256.37	508.85	508.27		
7/28/99 14:15	1014.63	29.96	0.639	124.91	256.84	507.88			
7/28/99 14:30	1014.00	29.94	0.640	124.91	256.84	508.28			
7/28/99 14:45	1013.13	29.92	0.641	124.65	256.37	508.80			
7/28/99 15:00	1013.00	29.91	0.639	124.91	256.84	508.29	507.99		
7/28/99 15:15	1012.75	29.91	0.638	124.91	256.84	507.08			
7/28/99 15:30	1012.75	29.91	0.637	125.17	257.31	507.52			
7/28/99 15:45	1012.75	29.91	0.637	125.43	257.78	507.69			
7/28/99 16:00	1012.75	29.91	0.640	125.95	258.72	509.26	508.20		
7/28/99 16:15	1012.88	29.91	0.637	126.22	259.19	508.16			
7/28/99 16:30	1013.00	29.91	0.638	126.22	259.19	508.36			
7/28/99 16:45	1012.75	29.91	0.638	126.48	259.66	508.59			
7/28/99 17:00	1012.63	29.90	0.636	127.00	260.60	508.44	508.74		
7/28/99 17:15	1012.50	29.90	0.636	127.26	261.07	508.63			
7/28/99 17:30	1012.63	29.90	0.638	127.78	262.01	509.69			
7/28/99 17:45	1012.63	29.90	0.636	127.78	262.01	508.69			
7/28/99 18:00	1012.63	29.90	0.638	127.78	262.01	509.45	509.30		
7/28/99 18:15	1012.38	29.90	0.638	127.52	261.54	509.59			
7/28/99 18:30	1012.25	29.89	0.638	127.00	260.60	509.05			
7/28/99 18:45	1012.25	29.89	0.636	127.00	260.60	508.53			
7/28/99 19:00	1012.38	29.90	0.637	126.74	260.13	508.61	508.38		
7/28/99 19:15	1012.38	29.90	0.637	126.22	259.19	508.28			
7/28/99 19:30	1012.38	29.90	0.636	125.69	258.25	507.43			
7/28/99 19:45	1012.50	29.90	0.635	125.43	257.78	506.99			
7/28/99 20:00	1012.38	29.90	0.634	125.17	257.31	506.62	506.75		
7/28/99 20:15	1012.50	29.90	0.636	124.65	256.37	506.73			
7/28/99 20:30	1012.25	29.89	0.634	124.13	255.43	505.99			
7/28/99 20:45	1012.38	29.90	0.634	123.86	254.95	505.79			
7/28/99 21:00	1012.38	29.90	0.635	123.34	254.01	505.69	505.35		
7/28/99 21:15	1012.25	29.89	0.634	123.34	254.01	505.21			
7/28/99 21:30	1012.13	29.89	0.631	123.08	253.54	504.07			
7/28/99 21:45	1012.13	29.89	0.634	123.08	253.54	505.07			
7/28/99 22:00	1012.00	29.88	0.634	122.82	253.07	504.94	504.29		
7/28/99 22:15	1012.13	29.89	0.631	122.82	253.07	503.67			
7/28/99 22:30	1012.25	29.89	0.631	122.56	252.60	503.71			
7/28/99 22:45	1012.38	29.90	0.633	122.56	252.60	504.20			
7/28/99 23:00	1012.25	29.89	0.630	121.77	251.19	502.73	503.11		
7/28/99 23:15	1012.00	29.88	0.629	121.25	250.25	502.22			
7/28/99 23:30	1012.00	29.88	0.631	121.25	250.25	502.70			
7/28/99 23:45	1012.00	29.88	0.632	121.51	250.72	503.39			
7/29/99 0:00	1011.75	29.88	0.632	121.25	250.25	503.28	503.15		
7/29/99 0:15	1011.75	29.88	0.631	121.77	251.19	503.10			
7/29/99 0:30	1011.88	29.88	0.631	121.77	251.19	503.31			
7/29/99 0:45	1012.00	29.88	0.633	121.77	251.19	503.79			
7/29/99 1:00	1012.13	29.89	0.631	121.77	251.19	503.24	503.55		
7/29/99 1:15	1012.25	29.89	0.631	120.99	249.78	502.47			
7/29/99 1:30	1012.13	29.89	0.638	120.47	248.84	504.91			
7/29/99 1:45	1012.00	29.88	0.639	120.21	248.37	505.53			
7/29/99 2:00	1011.50	29.87	0.641	120.21	248.37	506.38	505.75		
7/29/99 2:15	1011.38	29.87	0.641	120.21	248.37	506.39			
7/29/99 2:30	1011.50	29.87	0.639	120.47	248.84	505.54			
7/29/99 2:45	1011.25	29.86	0.639	119.94	247.90	505.27			
7/29/99 3:00	1011.13	29.86	0.641	119.94	247.90	506.05	505.83		
7/29/99 3:15	1011.00	29.85	0.639	120.21	248.37	505.78			
7/29/99 3:30	1010.88	29.85	0.641	120.21	248.37	506.52			
7/29/99 3:45	1010.63	29.84	0.641	120.21	248.37	506.58			
7/29/99 4:00	1010.38	29.84	0.641	120.21	248.37	506.41	506.22		
7/29/99 4:15	1009.88	29.82	0.638	120.21	248.37	505.54			
7/29/99 4:30	1009.88	29.82	0.639	120.21	248.37	506.06			
7/29/99 4:45	1010.38	29.84	0.641	120.73	249.31	506.98			
7/29/99 5:00	1010.63	29.84	0.644	121.25	250.25	508.52	507.27		
7/29/99 5:15	1010.63	29.84	0.641	120.99	249.78	507.09			
7/29/99 5:30	1010.75	29.85	0.644	120.47	248.84	507.71			
7/29/99 5:45	1010.75	29.85	0.844	119.94	247.90	507.64			
7/29/99 6:00	1010.88	29.85	0.643	120.21	248.37	507.03	507.13		
7/29/99 6:15	1011.00	29.85	0.643	120.21	248.37	507.00			
7/29/99 6:30	1011.13	29.86	0.641	119.94	247.90	506.29			
7/29/99 6:45	1011.25	29.86	0.641	119.94	247.90	506.26			
7/29/99 7:00	1011.38	29.87	0.637	119.68	247.43	504.36	505.57		
7/29/99 7:15	1011.50	29.87	0.639	119.94	247.90	505.48			
7/29/99 7:30	1011.63	29.87	0.639	119.94	247.90	505.45			
7/29/99 7:45	1011.50	29.87	0.640	119.94	247.90	505.72			
7/29/99 8:00	1011.63	29.87	0.641	120.47	248.84	506.26	506.16		
7/29/99 8:15	1011.83	29.87	0.642	121.51	250.72	507.45			
7/29/99 8:30	1011.50	29.87	0.638	121.77	251.19	505.90			
7/29/99 8:45	1011.25	29.86	0.853	121.77	251.19	512.12			
7/29/99 9:00	1011.25	29.88	0.874	118.90	246.02	518.24	508.55		
7/29/99 9:15	1011.25	29.86	0.828	123.34	254.01	502.98			
7/29/99 9:30	1011.50	29.87	0.828	123.86	254.95	503.49			
7/29/99 9:45	1011.63	29.87	0.828	123.60	254.48	503.29			
7/29/99 10:00	1011.75	29.88	0.828	123.86	254.95	503.43	503.85		
7/29/99 10:15	1012.00	29.88	0.831	124.39	255.90	504.70			
7/29/99 10:30	1012.13	29.89	0.631	123.86	254.95	504.33			
7/29/99 10:45	1012.13	29.89	0.632	124.13	255.43	505.02			
7/29/99 11:00	1012.00	29.88	0.633	124.65	256.37	505.82	505.45		
7/29/99 11:15	1012.00	29.88	0.633	124.91	256.84	506.03			
7/29/99 11:30	1011.88	29.88	0.633	125.17	257.31	506.22			
7/29/99 11:45	1012.13	29.89	0.635	124.39	255.90	506.42			
7/29/99 12:00	1012.13	29.89	0.634	124.39	255.90	505.90	506.06		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/27/99 0:45	1015.63	29.99	0.733	112.89	235.20	535.29			
7/27/99 1:00	1015.63	29.99	0.731	112.89	235.20	534.38	534.83		
7/27/99 1:15	1015.63	29.99	0.731	112.89	235.20	534.59			
7/27/99 1:30	1015.63	29.99	0.730	112.63	234.73	533.98			
7/27/99 1:45	1015.75	30.00	0.730	112.63	234.73	533.94			
7/27/99 2:00	1015.50	29.99	0.728	112.37	234.26	532.44	533.70		
7/27/99 2:15	1015.63	29.99	0.731	112.63	234.73	534.19			
7/27/99 2:30	1015.63	29.99	0.729	112.89	235.20	533.94			
7/27/99 2:45	1015.50	29.99	0.729	112.37	234.26	533.35			
7/27/99 3:00	1015.38	29.98	0.728	112.37	234.26	532.95	533.71		
7/27/99 3:15	1015.38	29.98	0.729	112.11	233.79	533.46			
7/27/99 3:30	1015.38	29.98	0.734	111.84	233.32	534.85			
7/27/99 3:45	1015.63	29.99	0.738	111.32	232.38	535.80			
7/27/99 4:00	1015.63	29.99	0.738	111.32	232.38	535.80	535.65		
7/27/99 4:15	1015.63	29.99	0.739	111.32	232.38	536.24			
7/27/99 4:30	1015.75	30.00	0.737	111.32	232.38	535.55			
7/27/99 4:45	1015.88	30.00	0.739	111.32	232.38	536.17			
7/27/99 5:00	1015.88	30.00	0.738	111.58	232.85	536.14	536.28		
7/27/99 5:15	1015.75	30.00	0.741	111.32	232.38	536.89			
7/27/99 5:30	1015.88	30.00	0.740	111.32	232.38	536.64			
7/27/99 5:45	1015.88	30.00	0.741	111.58	232.85	537.04			
7/27/99 6:00	1015.88	30.00	0.739	111.58	232.85	536.61	536.63		
7/27/99 6:15	1016.13	30.01	0.739	111.84	233.32	536.47			
7/27/99 6:30	1016.25	30.01	0.738	112.11	233.79	536.40			
7/27/99 6:45	1016.38	30.01	0.736	111.84	233.32	535.28			
7/27/99 7:00	1016.63	30.02	0.734	112.11	233.79	534.70	535.27		
7/27/99 7:15	1016.88	30.03	0.734	112.11	233.79	534.89			
7/27/99 7:30	1017.00	30.03	0.735	112.11	233.79	535.08			
7/27/99 7:45	1017.13	30.04	0.734	112.37	234.26	535.01			
7/27/99 8:00	1017.38	30.04	0.733	112.11	233.79	534.07	534.75		
7/27/99 8:15	1017.50	30.05	0.734	112.37	234.26	534.65			
7/27/99 8:30	1017.38	30.04	0.734	112.37	234.26	534.94			
7/27/99 8:45	1017.38	30.04	0.731	111.32	232.38	532.83			
7/27/99 9:00	1017.50	30.05	0.731	111.06	231.91	532.62	533.52		
7/27/99 9:15	1017.63	30.05	0.731	111.32	232.38	532.98			
7/27/99 9:30	1017.63	30.05	0.733	112.11	233.79	534.22			
7/27/99 9:45	1017.63	30.05	0.735	113.15	235.67	535.64			
7/27/99 10:00	1017.38	30.04	0.733	113.15	235.67	535.01	534.80		
7/27/99 10:15	1017.25	30.04	0.730	112.63	234.73	533.55			
7/27/99 10:30	1017.38	30.04	0.734	113.67	238.61	535.59			
7/27/99 10:45	1017.38	30.04	0.731	113.67	236.61	534.46			
7/27/99 11:00	1017.50	30.05	0.735	114.46	238.02	536.57	535.62		
7/27/99 11:15	1017.63	30.05	0.733	114.72	238.49	536.03			
7/27/99 11:30	1017.75	30.05	0.731	115.24	239.43	535.44			
7/27/99 11:45	1017.63	30.05	0.733	115.24	239.43	536.39			
7/27/99 12:00	1017.75	30.05	0.733	115.76	240.37	536.50	536.18		
7/27/99 12:15	1017.88	30.06	0.733	116.02	240.84	536.64			
7/27/99 12:30	1017.88	30.06	0.731	116.02	240.84	535.95			
7/27/99 12:45	1017.88	30.06	0.734	116.29	241.32	537.26			
7/27/99 13:00	1017.63	30.05	0.735	116.29	241.32	537.80	538.05		
7/27/99 13:15	1017.50	30.05	0.740	116.02	240.84	539.48			
7/27/99 13:30	1017.38	30.04	0.741	116.02	240.84	539.73			
7/27/99 13:45	1017.25	30.04	0.744	116.55	241.79	541.26			
7/27/99 14:00	1017.13	30.04	0.745	116.55	241.79	541.77	541.26		
7/27/99 14:15	1017.13	30.04	0.745	116.81	242.26	541.95			
7/27/99 14:30	1016.88	30.03	0.744	116.55	241.79	541.61			
7/27/99 14:45	1016.75	30.02	0.745	117.07	242.73	542.23			
7/27/99 15:00	1016.88	30.03	0.745	117.59	243.67	542.56	542.62		
7/27/99 15:15	1016.63	30.02	0.747	117.85	244.14	543.50			
7/27/99 15:30	1016.75	30.02	0.746	117.85	244.14	543.21			
7/27/99 15:45	1016.63	30.02	0.743	118.12	244.61	542.08			
7/27/99 16:00	1016.63	30.02	0.746	118.38	245.08	543.61	543.07		
7/27/99 16:15	1016.38	30.01	0.745	118.38	245.08	543.24			
7/27/99 16:30	1016.25	30.01	0.744	118.64	245.55	543.23			
7/27/99 16:45	1016.25	30.01	0.746	118.38	245.08	543.71			
7/27/99 17:00	1016.25	30.01	0.746	118.38	245.08	543.71	543.37		
7/27/99 17:15	1016.25	30.01	0.745	118.90	246.02	543.63			
7/27/99 17:30	1016.25	30.01	0.743	118.38	245.08	542.58			
7/27/99 17:45	1016.00	30.00	0.741	119.16	246.49	542.49			
7/27/99 18:00	1015.88	30.00	0.744	119.16	246.49	543.44	542.50		
7/27/99 18:15	1016.00	30.00	0.739	119.16	246.49	541.57			
7/27/99 18:30	1015.88	30.00	0.742	118.64	245.55	542.42			
7/27/99 18:45	1015.88	30.00	0.736	118.64	245.55	540.11			
7/27/99 19:00	1015.88	30.00	0.738	118.38	245.08	540.63	540.54		
7/27/99 19:15	1015.75	30.00	0.734	118.38	245.08	539.52			
7/27/99 19:30	1015.75	30.00	0.736	118.12	244.61	540.00			
7/27/99 19:45	1015.75	30.00	0.736	118.12	244.61	539.78			
7/27/99 20:00	1015.88	30.00	0.734	117.65	244.14	538.87	538.86		
7/27/99 20:15	1015.88	30.00	0.733	117.33	243.20	538.07			
7/27/99 20:30	1016.00	30.00	0.731	117.33	243.20	537.56			
7/27/99 20:45	1015.75	30.00	0.732	118.55	241.79	537.34			
7/27/99 21:00	1015.75	30.00	0.730	116.02	240.84	536.29	536.34		
7/27/99 21:15	1015.75	30.00	0.726	115.76	240.37	534.71			
7/27/99 21:30	1016.00	30.00	0.729	115.76	240.37	535.82			
7/27/99 21:45	1016.13	30.01	0.728	115.24	239.43	534.73			
7/27/99 22:00	1016.38	30.01	0.731	115.24	239.43	536.02	535.59		
7/27/99 22:15	1016.50	30.02	0.730	114.98	238.96	535.37			
7/27/99 22:30	1016.50	30.02	0.731	115.24	239.43	535.99			
7/27/99 22:45	1016.63	30.02	0.729	114.98	238.96	534.86			
7/27/99 23:00	1016.63	30.02	0.728	114.98	238.96	534.64	535.15		
7/27/99 23:15	1016.50	30.02	0.727	114.98	238.96	534.23			
7/27/99 23:30	1016.63	30.02	0.732	114.98	238.96	536.03			
7/27/99 23:45	1016.63	30.02	0.731	114.98	238.96	535.78			
7/28/99 0:00	1016.63	30.02	0.739	114.46	238.02	538.41	537.39		
7/28/99 0:15	1016.63	30.02	0.739	113.93	237.08	537.79			
7/28/99 0:30	1016.63	30.02	0.742	113.93	237.08	538.95			
7/28/99 0:45	1016.50	30.02	0.738	113.41	236.14	537.02			
7/28/99 1:00	1016.25	30.01	0.741	113.41	236.14	538.22	538.21		
7/28/99 1:15	1016.38	30.01	0.741	113.67	236.61	538.59			
7/28/99 1:30	1016.25	30.01	0.741	113.15	235.67	538.25			
7/28/99 1:45	1016.00	30.00	0.738	113.15	235.67	537.19			
7/28/99 2:00	1015.86	30.00	0.739	113.15	235.67	537.70	537.42		
7/28/99 2:15	1015.63	29.99	0.737	112.63	234.73	536.49			
7/28/99 2:30	1015.38	29.98	0.739	112.63	234.73	537.47			
7/28/99 2:45	1015.38	29.98	0.736	112.89	235.20	536.27			
7/28/99 3:00	1015.13	29.98	0.734	113.15	235.67	535.62	536.23		
7/28/99 3:15	1015.25	29.98	0.737	113.41	236.14	537.14			
7/28/99 3:30	1015.00	29.97	0.729	113.41	236.14	534.46			
7/28/99 3:45	1014.88	29.97	0.733	113.41	236.14	535.63			
7/28/99 4:00	1015.13	29.98	0.729	112.89	235.20	534.07	534.76		
7/28/99 4:15	1015.00	29.97	0.733	113.41	236.14	535.60			
7/28/99 4:30	1015.00	29.97	0.729	113.15	235.67	534.03			
7/28/99 4:45	1015.13	29.98	0.732	113.41	236.14	535.34			
7/28/99 5:00	1015.13	29.98	0.733	113.41	236.14	535.78	534.89		
7/28/99 5:15	1015.13	29.98	0.732	113.41	236.14	535.34			
7/28/99 5:30	1015.13	29.98	0.726	113.41	236.14	533.95			
7/28/99 5:45	1015.13	29.98	0.729	112.89	235.20	534.07			
7/28/99 6:00	1015.00	29.97	0.729	113.15	235.67	534.28	534.08		
7/28/99 6:15	1015.13	29.98	0.730	112.89	235.20	534.29			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/25/99 19:00	1013.00	29.91	0.689	122.30	252.13	525.79	525.21		
7/25/99 19:15	1013.00	29.91	0.688	122.30	252.13	525.33			
7/25/99 19:30	1013.00	29.91	0.686	121.77	251.19	524.48			
7/25/99 19:45	1013.00	29.91	0.686	121.77	251.19	524.25			
7/25/99 20:00	1013.00	29.91	0.686	121.51	250.72	524.31	523.78		
7/25/99 20:15	1013.00	29.91	0.686	120.47	248.84	523.39			
7/25/99 20:30	1013.13	29.92	0.684	120.21	248.37	522.46			
7/25/99 20:45	1013.25	29.92	0.684	119.68	247.43	522.08			
7/25/99 21:00	1013.38	29.92	0.682	119.16	246.49	521.01	521.35		
7/25/99 21:15	1013.63	29.93	0.681	118.90	246.02	520.50			
7/25/99 21:30	1013.88	29.94	0.682	118.90	246.02	520.71			
7/25/99 21:45	1014.13	29.95	0.680	118.90	246.02	519.92			
7/25/99 22:00	1014.25	29.95	0.681	119.16	246.49	520.52	520.06		
7/25/99 22:15	1014.50	29.96	0.679	118.90	246.02	519.59			
7/25/99 22:30	1014.50	29.96	0.681	117.85	244.14	519.59			
7/25/99 22:45	1014.50	29.96	0.681	117.59	243.67	519.41			
7/25/99 23:00	1014.50	29.96	0.679	117.07	242.73	518.11	518.54		
7/25/99 23:15	1014.25	29.95	0.678	116.55	241.79	517.37			
7/25/99 23:30	1014.38	29.95	0.679	116.81	242.26	518.24			
7/25/99 23:45	1014.38	29.95	0.678	116.29	241.32	517.40			
7/26/99 0:00	1014.63	29.96	0.686	116.02	240.84	520.01	519.11		
7/26/99 0:15	1014.75	29.97	0.685	116.02	240.84	519.75			
7/26/99 0:30	1014.88	29.97	0.688	115.24	239.43	520.14			
7/26/99 0:45	1014.75	29.97	0.689	116.02	240.84	521.42			
7/26/99 1:00	1014.63	29.96	0.689	115.78	240.37	521.27	520.77		
7/26/99 1:15	1014.63	29.96	0.689	115.24	239.43	520.92			
7/26/99 1:30	1014.50	29.96	0.688	114.72	238.49	520.11			
7/26/99 1:45	1014.50	29.96	0.689	114.72	238.49	520.34			
7/26/99 2:00	1014.38	29.95	0.692	114.98	238.96	521.76	520.81		
7/26/99 2:15	1014.25	29.95	0.689	114.98	238.96	520.58			
7/26/99 2:30	1014.38	29.95	0.691	114.98	238.96	521.27			
7/26/99 2:45	1014.13	29.95	0.692	114.72	238.49	521.65			
7/26/99 3:00	1014.13	29.95	0.685	114.96	238.96	519.21	520.62		
7/26/99 3:15	1014.13	29.95	0.688	114.72	238.49	520.21			
7/26/99 3:30	1014.13	29.95	0.690	114.46	238.02	520.75			
7/26/99 3:45	1014.25	29.95	0.686	113.93	237.08	518.71			
7/26/99 4:00	1014.38	29.95	0.686	114.20	237.55	519.08	519.23		
7/26/99 4:15	1014.25	29.95	0.684	114.72	238.49	518.51			
7/26/99 4:30	1014.13	29.95	0.686	114.46	238.02	519.09			
7/26/99 4:45	1014.25	29.95	0.683	114.46	238.02	518.11			
7/26/99 5:00	1014.25	29.95	0.681	113.93	237.08	516.81	517.18		
7/26/99 5:15	1014.13	29.95	0.679	113.93	237.08	518.12			
7/26/99 5:30	1014.13	29.95	0.679	113.41	236.14	515.77			
7/26/99 5:45	1014.13	29.95	0.679	113.41	236.14	515.77			
7/26/99 6:00	1014.00	29.94	0.681	113.67	236.61	516.93	516.22		
7/26/99 6:15	1014.13	29.95	0.679	113.93	237.08	516.39			
7/26/99 6:30	1014.13	29.95	0.679	113.67	236.61	518.22			
7/26/99 6:45	1014.38	29.95	0.677	113.93	237.08	515.37			
7/26/99 7:00	1014.50	29.96	0.676	113.15	235.67	514.56	515.43		
7/26/99 7:15	1014.50	29.96	0.680	113.15	235.67	516.00			
7/26/99 7:30	1014.50	29.96	0.677	113.41	236.14	515.00			
7/26/99 7:45	1014.75	29.97	0.716	113.67	236.61	529.68			
7/26/99 8:00	1015.00	29.97	0.729	114.20	237.55	535.00	529.81		
7/26/99 8:15	1015.25	29.98	0.727	114.72	238.49	534.38			
7/26/99 8:30	1015.38	29.98	0.728	114.72	238.49	534.79			
7/26/99 8:45	1015.50	29.99	0.726	114.98	238.96	534.24			
7/26/99 9:00	1015.63	29.99	0.754	114.46	238.02	543.88	538.56		
7/26/99 9:15	1015.75	30.00	0.727	116.02	240.84	535.15			
7/26/99 9:30	1015.88	30.00	0.725	116.55	241.79	534.77			
7/26/99 9:45	1016.25	30.01	0.727	116.81	242.26	535.55			
7/26/99 10:00	1016.25	30.01	0.727	117.33	243.20	535.91	536.16		
7/26/99 10:15	1016.00	30.00	0.728	117.59	243.67	538.38			
7/26/99 10:30	1015.75	30.00	0.733	117.59	243.67	538.28			
7/26/99 10:45	1015.75	30.00	0.738	117.33	243.20	539.94			
7/26/99 11:00	1015.88	30.00	0.740	117.59	243.67	541.00	540.31		
7/26/99 11:15	1015.88	30.00	0.741	117.85	244.14	541.40			
7/26/99 11:30	1015.75	30.00	0.739	118.12	244.61	540.92			
7/26/99 11:45	1015.75	30.00	0.742	116.38	245.08	542.27			
7/26/99 12:00	1015.63	29.99	0.744	118.90	246.02	543.32	542.41		
7/26/99 12:15	1015.50	29.99	0.740	119.16	246.49	542.18			
7/26/99 12:30	1015.38	29.98	0.743	119.16	246.49	543.35			
7/26/99 12:45	1015.25	29.98	0.741	118.90	246.02	542.29			
7/26/99 13:00	1015.13	29.98	0.743	118.84	245.55	543.06	542.93		
7/26/99 13:15	1015.00	29.97	0.742	119.16	246.49	543.01			
7/26/99 13:30	1015.00	29.97	0.741	119.42	246.96	542.94			
7/26/99 13:45	1014.88	29.97	0.744	119.42	246.96	544.14			
7/26/99 14:00	1014.75	29.97	0.743	119.68	247.43	543.68	543.52		
7/26/99 14:15	1014.63	29.96	0.743	119.94	247.90	544.10			
7/26/99 14:30	1014.63	29.96	0.739	119.94	247.90	542.74			
7/26/99 14:45	1014.38	29.95	0.738	119.68	247.43	541.45			
7/26/99 15:00	1014.25	29.95	0.739	120.21	248.37	542.78	542.87		
7/26/99 15:15	1014.13	29.95	0.738	120.21	248.37	542.58			
7/26/99 15:30	1014.00	29.94	0.740	120.99	249.78	543.85			
7/26/99 15:45	1013.75	29.94	0.733	119.42	246.96	540.30			
7/26/99 16:00	1013.75	29.94	0.734	116.38	245.08	540.05	541.03		
7/26/99 16:15	1013.75	29.94	0.735	119.16	246.49	540.82			
7/26/99 16:30	1013.63	29.93	0.733	119.16	246.49	540.15			
7/26/99 16:45	1013.63	29.93	0.732	118.38	245.08	539.17			
7/26/99 17:00	1014.00	29.94	0.734	117.85	244.14	539.83	539.27		
7/26/99 17:15	1014.00	29.94	0.731	117.85	244.14	538.45			
7/26/99 17:30	1014.75	29.97	0.733	117.85	244.14	538.95			
7/26/99 17:45	1016.63	30.02	0.730	114.46	238.02	534.98			
7/26/99 18:00	1014.88	29.97	0.729	111.58	232.85	532.97	535.47		
7/26/99 18:15	1014.00	29.94	0.731	112.11	233.79	534.48			
7/26/99 18:30	1014.13	29.95	0.734	112.63	234.73	535.98			
7/26/99 18:45	1014.00	29.94	0.732	112.37	234.26	534.92			
7/26/99 19:00	1013.88	29.94	0.731	112.63	234.73	534.66	534.48		
7/26/99 19:15	1013.88	29.94	0.731	112.37	234.26	534.69			
7/26/99 19:30	1016.63	30.02	0.729	111.06	231.91	532.15			
7/26/99 19:45	1015.75	30.00	0.723	111.06	231.91	530.33			
7/26/99 20:00	1014.50	29.96	0.726	112.11	233.79	532.30	533.16		
7/26/99 20:15	1015.00	29.97	0.734	112.89	235.20	535.67			
7/26/99 20:30	1015.50	29.99	0.734	112.63	234.73	535.36			
7/26/99 20:45	1015.25	29.98	0.737	112.89	235.20	536.77			
7/26/99 21:00	1015.13	29.98	0.735	112.63	234.73	535.93	536.11		
7/26/99 21:15	1015.13	29.98	0.734	112.63	234.73	535.46			
7/26/99 21:30	1015.25	29.98	0.736	112.63	234.73	537.03			
7/26/99 21:45	1015.50	29.99	0.735	112.63	234.73	535.63			
7/26/99 22:00	1015.75	30.00	0.735	112.63	234.73	535.77	535.77		
7/26/99 22:15	1015.63	29.99	0.731	112.63	234.73	534.41			
7/26/99 22:30	1015.63	29.99	0.735	112.63	234.73	535.60			
7/26/99 22:45	1015.50	29.99	0.731	112.37	234.26	534.27			
7/26/99 23:00	1015.38	29.98	0.732	112.37	234.26	534.55	535.03		
7/26/99 23:15	1015.25	29.98	0.733	112.37	234.26	535.03			
7/26/99 23:30	1015.25	29.98	0.734	112.37	234.26	535.50			
7/26/99 23:45	1015.25	29.98	0.731	112.37	234.26	534.33			
7/27/99 0:00	1015.38	29.98	0.732	112.37	234.26	534.55	535.04		
7/27/99 0:15	1015.50	29.99	0.733	112.63	234.73	534.92			
7/27/99 0:30	1015.75	30.00	0.734	113.15	235.67	535.91			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/24/99 13:15	1014.13	29.95	0.683	119.16	246.49	521.28			
7/24/99 13:30	1014.00	29.94	0.681	118.38	245.08	520.06			
7/24/99 13:45	1013.88	29.94	0.682	119.16	246.49	520.88			
7/24/99 14:00	1013.88	29.94	0.682	119.16	246.49	520.88	520.51		
7/24/99 14:15	1013.75	29.94	0.681	118.90	246.02	520.24			
7/24/99 14:30	1013.63	29.93	0.681	118.90	246.02	520.50			
7/24/99 14:45	1013.50	29.93	0.680	118.64	245.55	519.91			
7/24/99 15:00	1013.50	29.93	0.679	119.16	246.49	519.75	520.69		
7/24/99 15:15	1013.25	29.92	0.682	119.42	246.96	521.22			
7/24/99 15:30	1013.13	29.92	0.683	119.94	247.90	522.05			
7/24/99 15:45	1013.13	29.92	0.683	120.21	248.37	522.23			
7/24/99 16:00	1013.00	29.91	0.682	120.47	248.84	521.97	521.83		
7/24/99 16:15	1012.88	29.91	0.681	120.47	248.84	521.74			
7/24/99 16:30	1012.88	29.91	0.681	119.94	247.90	521.18			
7/24/99 16:45	1012.88	29.91	0.679	119.42	246.96	520.36			
7/24/99 17:00	1012.88	29.91	0.681	119.68	247.43	521.22	520.96		
7/24/99 17:15	1012.75	29.91	0.681	119.68	247.43	521.02			
7/24/99 17:30	1012.75	29.91	0.681	119.68	247.43	521.02			
7/24/99 17:45	1012.75	29.91	0.681	120.47	248.84	521.54			
7/24/99 18:00	1012.63	29.90	0.680	120.73	249.31	521.51	521.70		
7/24/99 18:15	1012.63	29.90	0.682	120.73	249.31	522.24			
7/24/99 18:30	1012.50	29.90	0.681	120.99	249.78	522.18			
7/24/99 18:45	1012.38	29.90	0.681	120.99	249.78	522.21			
7/24/99 19:00	1012.50	29.90	0.680	120.99	249.78	521.72	522.10		
7/24/99 19:15	1012.50	29.90	0.679	120.99	249.78	521.49			
7/24/99 19:30	1012.50	29.90	0.683	120.99	249.78	522.91			
7/24/99 19:45	1012.50	29.90	0.683	120.99	249.78	522.68			
7/24/99 20:00	1012.75	29.91	0.680	120.73	249.31	521.46	521.89		
7/24/99 20:15	1012.75	29.91	0.683	119.94	247.90	521.92			
7/24/99 20:30	1012.88	29.91	0.681	118.90	246.02	520.47			
7/24/99 20:45	1013.13	29.92	0.682	118.38	245.08	520.55			
7/24/99 21:00	1013.25	29.92	0.678	118.12	244.61	518.67	519.39		
7/24/99 21:15	1013.50	29.93	0.676	117.59	243.67	517.76			
7/24/99 21:30	1013.50	29.93	0.681	117.33	243.20	519.50			
7/24/99 21:45	1013.75	29.94	0.679	117.33	243.20	518.48			
7/24/99 22:00	1013.88	29.94	0.679	116.81	242.26	518.37	519.41		
7/24/99 22:15	1014.00	29.94	0.686	116.29	241.32	520.57			
7/24/99 22:30	1014.25	29.95	0.686	115.76	240.37	520.16			
7/24/99 22:45	1014.50	29.96	0.686	115.76	240.37	520.59			
7/24/99 23:00	1014.63	29.96	0.689	115.24	239.43	520.66	520.35		
7/24/99 23:15	1014.50	29.96	0.688	114.98	238.96	520.29			
7/24/99 23:30	1014.50	29.96	0.688	114.98	238.96	520.06			
7/24/99 23:45	1014.50	29.96	0.690	114.72	238.49	520.83			
7/25/99 0:00	1014.50	29.96	0.688	114.46	238.02	519.71	520.23		
7/25/99 0:15	1014.38	29.95	0.688	114.72	238.49	520.15			
7/25/99 0:30	1014.25	29.95	0.689	114.72	238.49	520.41			
7/25/99 0:45	1014.25	29.95	0.689	114.46	238.02	520.49			
7/25/99 1:00	1014.38	29.95	0.689	114.20	237.55	520.29	520.32		
7/25/99 1:15	1014.38	29.95	0.689	113.93	237.08	520.11			
7/25/99 1:30	1014.50	29.96	0.690	113.93	237.08	520.31			
7/25/99 1:45	1014.50	29.96	0.687	114.20	237.55	519.31			
7/25/99 2:00	1014.38	29.95	0.688	113.93	237.08	519.62	519.32		
7/25/99 2:15	1014.38	29.95	0.685	114.20	237.55	518.62			
7/25/99 2:30	1014.50	29.96	0.684	114.72	238.49	518.71			
7/25/99 2:45	1014.38	29.95	0.684	113.93	237.08	517.96			
7/25/99 3:00	1014.38	29.95	0.681	114.20	237.55	516.96	517.61		
7/25/99 3:15	1014.50	29.96	0.683	113.93	237.08	517.47			
7/25/99 3:30	1014.63	29.96	0.681	113.93	237.08	516.95			
7/25/99 3:45	1014.75	29.97	0.681	114.46	238.02	517.03			
7/25/99 4:00	1014.63	29.96	0.677	113.93	237.08	515.31	516.56		
7/25/99 4:15	1014.63	29.96	0.681	113.93	237.08	516.95			
7/25/99 4:30	1014.75	29.97	0.681	113.93	237.08	516.69			
7/25/99 4:45	1014.88	29.97	0.677	114.46	238.02	515.60			
7/25/99 5:00	1014.88	29.97	0.676	114.72	238.49	515.27	516.32		
7/25/99 5:15	1014.75	29.97	0.680	114.98	238.96	517.15			
7/25/99 5:30	1014.88	29.97	0.679	114.98	238.96	516.89			
7/25/99 5:45	1014.88	29.97	0.680	114.46	238.02	516.77			
7/25/99 6:00	1014.75	29.97	0.678	113.67	236.61	515.33	515.75		
7/25/99 6:15	1014.75	29.97	0.676	113.67	236.61	514.61			
7/25/99 6:30	1014.75	29.97	0.678	113.41	236.14	515.16			
7/25/99 6:45	1014.88	29.97	0.674	113.41	236.14	513.95			
7/25/99 7:00	1015.00	29.97	0.676	112.89	235.20	514.03	514.14		
7/25/99 7:15	1015.00	29.97	0.676	113.41	236.14	514.37			
7/25/99 7:30	1015.00	29.97	0.673	113.41	236.14	513.19			
7/25/99 7:45	1015.13	29.98	0.678	113.93	237.08	515.41			
7/25/99 8:00	1015.13	29.98	0.674	114.72	238.49	514.75	514.49		
7/25/99 8:15	1015.25	29.98	0.676	114.72	238.49	515.18			
7/25/99 8:30	1015.25	29.98	0.672	114.98	238.96	513.94			
7/25/99 8:45	1015.38	29.98	0.673	115.50	239.90	514.71			
7/25/99 9:00	1015.50	29.99	0.678	116.55	241.79	517.05	516.62		
7/25/99 9:15	1015.63	29.99	0.681	117.33	243.20	518.95			
7/25/99 9:30	1015.50	29.99	0.682	117.59	243.67	519.42			
7/25/99 9:45	1015.63	29.99	0.685	117.59	243.67	520.57			
7/25/99 10:00	1015.63	29.99	0.688	117.85	244.14	521.69	521.63		
7/25/99 10:15	1015.63	29.99	0.693	117.85	244.14	523.59			
7/25/99 10:30	1015.50	29.99	0.690	118.12	244.61	522.65			
7/25/99 10:45	1015.63	29.99	0.691	118.38	245.08	523.45			
7/25/99 11:00	1015.75	30.00	0.689	118.38	245.08	522.73	523.23		
7/25/99 11:15	1015.75	30.00	0.691	118.12	244.61	523.01			
7/25/99 11:30	1015.88	30.00	0.693	118.38	245.08	524.10			
7/25/99 11:45	1015.88	30.00	0.695	118.64	245.55	524.99			
7/25/99 12:00	1016.00	30.00	0.691	118.64	245.55	523.52	523.88		
7/25/99 12:15	1016.00	30.00	0.689	118.64	245.55	522.64			
7/25/99 12:30	1015.88	30.00	0.692	118.64	245.55	523.62			
7/25/99 12:45	1015.75	30.00	0.689	118.12	244.61	522.56			
7/25/99 13:00	1015.63	29.99	0.692	118.38	245.08	523.71	523.69		
7/25/99 13:15	1015.50	29.99	0.691	118.90	246.02	523.60			
7/25/99 13:30	1015.38	29.98	0.693	119.16	246.49	524.75			
7/25/99 13:45	1015.25	29.98	0.691	119.16	246.49	524.07			
7/25/99 14:00	1015.13	29.98	0.693	119.42	246.96	524.77	525.05		
7/25/99 14:15	1015.00	29.97	0.694	119.94	247.90	525.67			
7/25/99 14:30	1015.00	29.97	0.694	120.21	248.37	525.76			
7/25/99 14:45	1014.88	29.97	0.694	120.73	249.31	526.42			
7/25/99 15:00	1014.75	29.97	0.686	120.99	249.78	524.01	525.23		
7/25/99 15:15	1014.50	29.96	0.690	121.25	250.25	525.20			
7/25/99 15:30	1014.38	29.95	0.689	121.25	250.25	524.74			
7/25/99 15:45	1014.25	29.95	0.688	121.51	250.72	524.71			
7/25/99 16:00	1014.13	29.95	0.688	121.51	250.72	524.74	524.82		
7/25/99 16:15	1014.13	29.95	0.689	122.03	251.66	525.59			
7/25/99 16:30	1014.13	29.95	0.684	121.51	250.72	523.33			
7/25/99 16:45	1014.00	29.94	0.687	121.77	251.19	524.49			
7/25/99 17:00	1013.75	29.94	0.686	122.30	252.13	524.84	524.12		
7/25/99 17:15	1013.75	29.94	0.684	122.03	251.66	523.78			
7/25/99 17:30	1013.75	29.94	0.685	122.56	252.60	524.35			
7/25/99 17:45	1013.50	29.93	0.684	122.82	253.07	524.36			
7/25/99 18:00	1013.38	29.92	0.684	122.82	253.07	524.39	524.55		
7/25/99 18:15	1013.38	29.92	0.686	122.82	253.07	524.85			
7/25/99 18:30	1013.38	29.92	0.685	123.08	253.54	524.79			
7/25/99 18:45	1013.13	29.92	0.688	122.82	253.07	525.64			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/23/99 7:30	1018.13	30.07	0.699	112.89	235.20	522.20			
7/23/99 7:45	1018.00	30.06	0.699	113.15	235.67	522.15			
7/23/99 8:00	1018.13	30.07	0.697	113.41	236.14	521.62	522.14		
7/23/99 8:15	1018.38	30.07	0.699	113.67	236.61	522.40			
7/23/99 8:30	1018.50	30.08	0.698	113.93	237.08	522.32			
7/23/99 8:45	1018.63	30.08	0.699	113.93	237.08	522.78			
7/23/99 9:00	1018.63	30.08	0.699	114.20	237.55	522.69	523.46		
7/23/99 9:15	1018.75	30.08	0.703	114.72	238.49	524.66			
7/23/99 9:30	1018.75	30.08	0.703	114.98	238.96	524.83			
7/23/99 9:45	1018.63	30.06	0.702	114.96	238.96	524.42			
7/23/99 10:00	1018.63	30.08	0.701	115.50	239.90	524.28	524.50		
7/23/99 10:15	1018.38	30.07	0.701	116.02	240.84	524.70			
7/23/99 10:30	1018.25	30.07	0.699	116.02	240.84	524.28			
7/23/99 10:45	1018.00	30.06	0.698	116.29	241.32	523.81			
7/23/99 11:00	1018.00	30.06	0.694	116.81	242.26	522.73	522.61		
7/23/99 11:15	1017.88	30.06	0.691	117.07	242.73	521.99			
7/23/99 11:30	1017.75	30.05	0.689	117.33	243.20	521.26			
7/23/99 11:45	1017.63	30.05	0.691	117.59	243.67	522.41			
7/23/99 12:00	1017.63	30.05	0.693	117.59	243.67	522.90	523.36		
7/23/99 12:15	1017.63	30.05	0.696	118.38	245.08	525.31			
7/23/99 12:30	1017.50	30.05	0.696	118.64	245.55	525.03			
7/23/99 12:45	1017.25	30.04	0.701	118.90	246.02	526.92			
7/23/99 13:00	1017.00	30.03	0.697	119.16	246.49	525.77	525.79		
7/23/99 13:15	1016.88	30.03	0.694	119.42	246.96	524.77			
7/23/99 13:30	1016.50	30.02	0.698	119.68	247.43	526.48			
7/23/99 13:45	1016.38	30.01	0.698	119.68	247.43	526.51			
7/23/99 14:00	1016.13	30.01	0.695	120.21	248.37	525.98	526.03		
7/23/99 14:15	1016.00	30.00	0.692	120.21	248.37	524.84			
7/23/99 14:30	1015.63	29.99	0.696	120.21	248.37	526.33			
7/23/99 14:45	1015.63	29.99	0.692	120.73	249.31	525.26			
7/23/99 15:00	1015.38	29.98	0.691	120.73	249.31	525.08	523.76		
7/23/99 15:15	1015.13	29.98	0.688	120.21	248.37	523.62			
7/23/99 15:30	1015.13	29.98	0.679	117.85	244.14	518.47			
7/23/99 15:45	1014.88	29.97	0.682	117.33	243.20	519.41			
7/23/99 16:00	1014.63	29.96	0.688	118.38	245.08	522.53	521.84		
7/23/99 16:15	1014.38	29.95	0.692	119.16	246.49	524.56			
7/23/99 16:30	1014.25	29.95	0.690	119.68	247.43	524.22			
7/23/99 16:45	1014.25	29.95	0.692	120.21	248.37	525.29			
7/23/99 17:00	1014.25	29.95	0.693	120.99	249.78	526.04	525.73		
7/23/99 17:15	1014.13	29.95	0.693	121.51	250.72	526.65			
7/23/99 17:30	1014.13	29.95	0.693	121.25	250.25	526.47			
7/23/99 17:45	1014.13	29.95	0.692	121.77	251.19	526.37			
7/23/99 18:00	1014.25	29.95	0.696	121.51	250.72	527.56	526.39		
7/23/99 18:15	1014.00	29.94	0.693	120.99	249.78	526.10			
7/23/99 18:30	1013.75	29.94	0.691	120.99	249.78	525.45			
7/23/99 18:45	1013.88	29.94	0.693	120.73	249.31	525.96			
7/23/99 19:00	1013.88	29.94	0.693	120.21	248.37	525.84	525.70		
7/23/99 19:15	1014.00	29.94	0.692	120.21	248.37	525.35			
7/23/99 19:30	1013.88	29.94	0.694	119.94	247.90	525.69			
7/23/99 19:45	1013.75	29.94	0.692	119.42	246.96	524.89			
7/23/99 20:00	1013.75	29.94	0.691	118.90	246.02	524.28	524.14		
7/23/99 20:15	1013.88	29.94	0.689	118.12	244.61	523.04			
7/23/99 20:30	1014.00	29.94	0.689	117.85	244.14	522.57			
7/23/99 20:45	1014.38	29.95	0.688	117.59	243.67	522.07			
7/23/99 21:00	1014.50	29.96	0.690	117.07	242.73	522.41	522.07		
7/23/99 21:15	1014.63	29.96	0.689	116.29	241.32	521.36			
7/23/99 21:30	1014.88	29.97	0.690	116.55	241.79	521.96			
7/23/99 21:45	1015.00	29.97	0.689	116.55	241.79	521.44			
7/23/99 22:00	1014.88	29.97	0.689	116.29	241.32	521.30	521.08		
7/23/99 22:15	1014.75	29.97	0.688	116.02	240.84	520.70			
7/23/99 22:30	1014.50	29.96	0.687	115.24	239.43	520.01			
7/23/99 22:45	1014.38	29.95	0.688	116.02	240.84	521.02			
7/23/99 23:00	1014.63	29.96	0.688	116.29	241.32	520.90	520.63		
7/23/99 23:15	1014.75	29.97	0.688	116.29	241.32	520.87			
7/23/99 23:30	1014.63	29.96	0.687	115.76	240.37	520.33			
7/23/99 23:45	1014.50	29.96	0.688	115.50	239.90	520.41			
7/24/99 0:00	1014.63	29.96	0.686	115.76	240.37	520.06	519.86		
7/24/99 0:15	1014.63	29.96	0.686	115.50	239.90	519.66			
7/24/99 0:30	1014.75	29.97	0.684	114.98	238.96	518.83			
7/24/99 0:45	1014.63	29.96	0.685	115.24	239.43	519.26			
7/24/99 1:00	1014.50	29.96	0.687	115.24	239.43	520.01	519.25		
7/24/99 1:15	1014.38	29.95	0.684	115.24	239.43	518.83			
7/24/99 1:30	1014.38	29.95	0.685	115.24	239.43	519.32			
7/24/99 1:45	1014.00	29.94	0.684	114.96	238.96	518.75			
7/24/99 2:00	1013.88	29.94	0.681	115.50	239.90	518.18	518.94		
7/24/99 2:15	1013.63	29.93	0.684	115.76	240.37	519.64			
7/24/99 2:30	1013.50	29.93	0.683	115.24	239.43	518.83			
7/24/99 2:45	1013.38	29.92	0.682	114.98	238.96	518.23			
7/24/99 3:00	1013.75	29.94	0.664	115.76	240.37	519.60	518.50		
7/24/99 3:15	1013.63	29.93	0.682	115.24	239.43	518.34			
7/24/99 3:30	1013.63	29.93	0.661	114.72	238.49	517.50			
7/24/99 3:45	1013.63	29.93	0.689	114.72	238.49	520.57			
7/24/99 4:00	1013.63	29.93	0.686	113.67	236.61	519.64	519.76		
7/24/99 4:15	1013.50	29.93	0.691	113.67	236.61	520.61			
7/24/99 4:30	1013.38	29.92	0.691	113.41	236.14	520.47			
7/24/99 4:45	1013.63	29.93	0.693	113.67	236.61	521.30			
7/24/99 5:00	1013.63	29.93	0.694	113.67	236.61	521.75	521.53		
7/24/99 5:15	1013.75	29.94	0.694	113.93	237.08	522.16			
7/24/99 5:30	1013.75	29.94	0.694	113.67	236.61	521.96			
7/24/99 5:45	1014.00	29.94	0.693	113.41	236.14	521.25			
7/24/99 6:00	1014.13	29.95	0.692	113.15	235.67	520.59	521.41		
7/24/99 6:15	1014.13	29.95	0.696	113.15	235.67	521.96			
7/24/99 6:30	1014.13	29.95	0.694	113.15	235.67	521.27			
7/24/99 6:45	1014.38	29.95	0.696	113.41	236.14	522.09			
7/24/99 7:00	1014.50	29.96	0.692	113.41	236.14	520.67	521.44		
7/24/99 7:15	1014.63	29.96	0.694	113.15	235.67	521.40			
7/24/99 7:30	1014.63	29.96	0.694	113.67	236.61	521.75			
7/24/99 7:45	1014.38	29.95	0.695	113.93	237.08	522.22			
7/24/99 8:00	1014.38	29.95	0.695	114.20	237.55	522.40	522.14		
7/24/99 8:15	1014.50	29.96	0.693	114.46	238.02	521.83			
7/24/99 8:30	1014.50	29.96	0.694	114.72	238.49	522.49			
7/24/99 8:45	1014.63	29.96	0.692	115.24	239.43	521.87			
7/24/99 9:00	1014.63	29.96	0.692	115.50	239.90	522.04	521.76		
7/24/99 9:15	1014.63	29.96	0.688	116.02	240.84	520.96			
7/24/99 9:30	1014.75	29.97	0.689	116.02	240.84	521.42			
7/24/99 9:45	1014.63	29.96	0.688	116.29	241.32	521.13			
7/24/99 10:00	1014.50	29.96	0.688	116.55	241.79	521.11	521.18		
7/24/99 10:15	1014.50	29.96	0.687	116.81	242.26	521.06			
7/24/99 10:30	1014.38	29.95	0.688	117.33	243.20	521.17			
7/24/99 10:45	1014.38	29.95	0.683	117.59	243.67	519.94			
7/24/99 11:00	1014.38	29.95	0.681	117.33	243.20	519.04	520.18		
7/24/99 11:15	1014.63	29.96	0.685	117.59	243.67	520.63			
7/24/99 11:30	1014.50	29.96	0.683	117.59	243.67	519.91			
7/24/99 11:45	1014.50	29.96	0.683	117.85	244.14	520.31			
7/24/99 12:00	1014.75	29.97	0.686	117.59	243.67	521.25	520.69		
7/24/99 12:15	1014.75	29.97	0.686	118.38	245.08	521.77			
7/24/99 12:30	1014.63	29.96	0.683	118.12	244.61	520.22			
7/24/99 12:45	1014.63	29.96	0.664	118.12	244.61	520.95			
7/24/99 13:00	1014.38	29.95	0.686	118.90	246.02	521.99	520.90		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/22/99 1:45	1018.50	30.08	0.692	115.76	240.37	521.22			
7/22/99 2:00	1018.38	30.07	0.691	115.24	239.43	520.42	520.54		
7/22/99 2:15	1018.25	30.07	0.693	114.98	238.96	521.21			
7/22/99 2:30	1018.00	30.06	0.689	114.72	238.49	519.71			
7/22/99 2:45	1018.00	30.06	0.693	114.72	238.49	520.88			
7/22/99 3:00	1018.13	30.07	0.694	114.72	238.49	521.30	520.84		
7/22/99 3:15	1018.25	30.07	0.693	114.72	238.49	520.81			
7/22/99 3:30	1018.50	30.08	0.692	114.72	238.49	520.52			
7/22/99 3:45	1018.63	30.08	0.691	113.93	237.08	519.70			
7/22/99 4:00	1018.63	30.08	0.692	113.93	237.08	519.97	520.08		
7/22/99 4:15	1018.63	30.08	0.693	113.93	237.08	520.19			
7/22/99 4:30	1018.50	30.08	0.692	113.93	237.08	520.00			
7/22/99 4:45	1018.63	30.08	0.692	114.46	238.02	520.32			
7/22/99 5:00	1018.50	30.08	0.689	113.93	237.08	519.06	519.66		
7/22/99 5:15	1018.50	30.08	0.692	113.67	236.61	519.82			
7/22/99 5:30	1018.50	30.08	0.690	113.67	236.61	519.11			
7/22/99 5:45	1018.63	30.08	0.689	113.67	236.61	518.59			
7/22/99 6:00	1018.63	30.08	0.689	113.67	236.61	518.85	518.76		
7/22/99 6:15	1018.75	30.08	0.689	113.93	237.08	518.99			
7/22/99 6:30	1018.75	30.08	0.688	113.93	237.08	518.28			
7/22/99 6:45	1018.75	30.08	0.688	113.93	237.08	517.56			
7/22/99 7:00	1018.88	30.09	0.687	113.93	237.08	518.02	517.53		
7/22/99 7:15	1018.88	30.09	0.684	114.46	238.02	517.43			
7/22/99 7:30	1018.88	30.09	0.681	114.72	238.49	516.39			
7/22/99 7:45	1019.00	30.09	0.682	114.98	238.96	516.80			
7/22/99 8:00	1019.13	30.09	0.681	115.24	239.43	516.44	516.58		
7/22/99 8:15	1019.25	30.10	0.681	115.50	239.90	516.59			
7/22/99 8:30	1019.25	30.10	0.680	116.02	240.84	516.71			
7/22/99 8:45	1019.38	30.10	0.702	115.76	240.37	524.75			
7/22/99 9:00	1019.50	30.11	0.698	115.50	239.90	523.12	521.26		
7/22/99 9:15	1019.50	30.11	0.686	117.33	243.20	519.88			
7/22/99 9:30	1019.50	30.11	0.691	117.85	244.14	521.88			
7/22/99 9:45	1019.50	30.11	0.686	117.85	244.14	520.70			
7/22/99 10:00	1019.38	30.10	0.689	117.85	244.14	521.45	521.67		
7/22/99 10:15	1019.38	30.10	0.691	116.12	244.61	522.08			
7/22/99 10:30	1019.25	30.10	0.690	118.64	245.55	522.23			
7/22/99 10:45	1019.13	30.09	0.690	118.64	245.55	522.27			
7/22/99 11:00	1019.38	30.10	0.689	118.90	246.02	522.15	522.33		
7/22/99 11:15	1019.38	30.10	0.691	118.90	246.02	522.83			
7/22/99 11:30	1019.25	30.10	0.689	118.90	246.02	522.18			
7/22/99 11:45	1019.38	30.10	0.694	119.42	246.96	524.39			
7/22/99 12:00	1019.25	30.10	0.691	119.42	246.96	523.21	523.24		
7/22/99 12:15	1019.25	30.10	0.690	119.68	247.43	522.93			
7/22/99 12:30	1019.25	30.10	0.691	120.21	248.37	523.51			
7/22/99 12:45	1019.25	30.10	0.157	102.44	216.39	243.83			
7/22/99 13:00	1019.00	30.09	0.000	82.84	181.11	0.00	355.82		
7/22/99 13:15	1018.88	30.09	0.633	102.44	216.39	489.65			
7/22/99 13:30	1018.63	30.08	0.693	116.81	242.26	522.12			
7/22/99 13:45	1018.63	30.08	0.696	118.90	246.02	524.69			
7/22/99 14:00	1018.38	30.07	0.696	119.94	247.90	525.67	524.79		
7/22/99 14:15	1018.38	30.07	0.696	120.47	248.84	525.80			
7/22/99 14:30	1018.25	30.07	0.696	120.21	248.37	525.66			
7/22/99 14:45	1018.13	30.07	0.699	119.94	247.90	526.95			
7/22/99 15:00	1018.00	30.06	0.693	119.68	247.43	524.20	525.26		
7/22/99 15:15	1017.88	30.06	0.694	119.42	246.96	524.51			
7/22/99 15:30	1017.75	30.05	0.694	119.68	247.43	524.98			
7/22/99 15:45	1017.75	30.05	0.694	120.21	248.37	525.07			
7/22/99 16:00	1017.63	30.05	0.693	120.99	249.78	525.39	526.01		
7/22/99 16:15	1017.63	30.05	0.696	121.51	250.72	526.69			
7/22/99 16:30	1017.38	30.04	0.699	121.51	250.72	527.93			
7/22/99 16:45	1017.25	30.04	0.697	121.51	250.72	527.28			
7/22/99 17:00	1017.13	30.04	0.697	121.51	250.72	527.31	527.08		
7/22/99 17:15	1017.13	30.04	0.696	121.51	250.72	527.05			
7/22/99 17:30	1017.00	30.03	0.693	121.77	251.19	525.85			
7/22/99 17:45	1017.00	30.03	0.698	121.51	250.72	527.80			
7/22/99 18:00	1016.75	30.02	0.698	121.77	251.19	527.81	527.32		
7/22/99 18:15	1016.63	30.02	0.698	121.51	250.72	527.89			
7/22/99 18:30	1016.63	30.02	0.697	121.25	250.25	527.27			
7/22/99 18:45	1016.88	30.03	0.697	120.99	249.78	527.03			
7/22/99 19:00	1016.63	30.02	0.696	120.73	249.31	526.65	526.34		
7/22/99 19:15	1016.63	30.02	0.695	120.47	248.84	526.02			
7/22/99 19:30	1016.63	30.02	0.693	119.94	247.90	524.73			
7/22/99 19:45	1016.50	30.02	0.696	119.94	247.90	526.16			
7/22/99 20:00	1016.13	30.01	0.694	119.68	247.43	525.14	522.22		
7/22/99 20:15	1017.13	30.04	0.685	118.90	246.02	521.06			
7/22/99 20:30	1017.88	30.06	0.673	115.76	240.37	514.02			
7/22/99 20:45	1017.63	30.05	0.674	115.24	239.43	514.47			
7/22/99 21:00	1018.00	30.06	0.686	114.98	238.96	518.45	516.27		
7/22/99 21:15	1018.13	30.07	0.684	115.24	239.43	517.87			
7/22/99 21:30	1018.25	30.07	0.681	114.72	238.49	516.55			
7/22/99 21:45	1018.50	30.08	0.681	114.72	238.49	516.26			
7/22/99 22:00	1018.50	30.08	0.686	114.72	238.49	518.15	518.40		
7/22/99 22:15	1018.38	30.07	0.692	114.72	238.49	520.56			
7/22/99 22:30	1018.25	30.07	0.691	114.98	238.96	520.50			
7/22/99 22:45	1018.75	30.08	0.686	114.72	238.49	518.31			
7/22/99 23:00	1019.00	30.09	0.683	113.93	237.08	516.55	517.54		
7/22/99 23:15	1019.25	30.10	0.681	113.67	236.61	515.60			
7/22/99 23:30	1018.50	30.08	0.684	113.67	236.61	516.73			
7/22/99 23:45	1018.25	30.07	0.686	113.93	237.08	517.91			
7/23/99 0:00	1018.00	30.06	0.688	113.67	236.61	518.29	517.74		
7/23/99 0:15	1017.63	30.05	0.685	113.93	237.08	517.62			
7/23/99 0:30	1017.75	30.05	0.687	113.67	236.61	516.13			
7/23/99 0:45	1017.88	30.06	0.684	113.93	237.08	517.07			
7/23/99 1:00	1017.75	30.05	0.684	113.67	236.61	517.19	517.77		
7/23/99 1:15	1017.75	30.05	0.687	114.20	237.55	518.46			
7/23/99 1:30	1017.63	30.05	0.685	114.46	238.02	517.97			
7/23/99 1:45	1017.50	30.05	0.684	114.20	237.55	517.60			
7/23/99 2:00	1017.25	30.04	0.686	114.46	238.02	519.01	518.00		
7/23/99 2:15	1017.38	30.04	0.684	114.46	238.02	517.81			
7/23/99 2:30	1017.75	30.05	0.685	113.93	237.08	517.59			
7/23/99 2:45	1017.75	30.05	0.687	114.46	238.02	516.66			
7/23/99 3:00	1017.75	30.05	0.683	114.20	237.55	517.04	517.89		
7/23/99 3:15	1017.63	30.05	0.686	114.46	238.02	519.14			
7/23/99 3:30	1017.63	30.05	0.683	114.48	238.02	517.02			
7/23/99 3:45	1017.50	30.05	0.680	114.46	238.02	516.11			
7/23/99 4:00	1017.50	30.05	0.683	114.46	238.02	517.06	517.34		
7/23/99 4:15	1017.50	30.05	0.684	114.46	238.02	517.77			
7/23/99 4:30	1017.63	30.05	0.688	114.20	237.55	518.74			
7/23/99 4:45	1017.75	30.05	0.683	113.93	237.08	516.64			
7/23/99 5:00	1017.88	30.06	0.688	113.67	236.81	518.55	518.36		
7/23/99 5:15	1018.00	30.06	0.690	113.41	236.14	519.06			
7/23/99 5:30	1017.88	30.06	0.691	112.63	234.73	518.79			
7/23/99 5:45	1017.88	30.06	0.695	113.15	235.67	520.79			
7/23/99 6:00	1018.00	30.06	0.695	113.15	235.67	520.76	520.27		
7/23/99 6:15	1017.88	30.06	0.695	112.89	235.20	520.62			
7/23/99 6:30	1018.00	30.06	0.695	112.63	234.73	520.41			
7/23/99 6:45	1018.13	30.07	0.696	112.89	235.20	520.78			
7/23/99 7:00	1018.25	30.07	0.699	112.89	235.20	521.91	521.25		
7/23/99 7:15	1018.25	30.07	0.696	112.89	235.20	520.97			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/20/99 20:00	1017.88	30.06	0.684	117.59	243.67	519.50	520.36		
7/20/99 20:15	1018.25	30.07	0.689	117.59	243.67	521.57			
7/20/99 20:30	1018.38	30.07	0.690	116.81	242.26	521.24			
7/20/99 20:45	1018.50	30.08	0.690	116.55	241.79	521.03			
7/20/99 21:00	1018.63	30.08	0.688	116.29	241.32	519.68	520.44		
7/20/99 21:15	1018.75	30.08	0.689	116.02	240.84	520.13			
7/20/99 21:30	1018.63	30.08	0.688	116.02	240.84	519.93			
7/20/99 21:45	1018.50	30.08	0.689	115.78	240.37	520.02			
7/20/99 22:00	1018.50	30.08	0.686	115.76	240.37	519.07	519.45		
7/20/99 22:15	1018.50	30.08	0.686	115.50	239.90	518.90			
7/20/99 22:30	1018.75	30.08	0.688	115.50	239.90	519.33			
7/20/99 22:45	1018.88	30.09	0.688	116.02	240.84	519.64			
7/20/99 23:00	1019.13	30.09	0.688	115.50	239.90	519.46	519.41		
7/20/99 23:15	1019.38	30.10	0.686	115.76	240.37	518.85			
7/20/99 23:30	1019.50	30.11	0.689	115.76	240.37	519.76			
7/20/99 23:45	1019.38	30.10	0.688	115.50	239.90	519.17			
7/21/99 0:00	1019.13	30.09	0.684	115.24	239.43	517.62	518.59		
7/21/99 0:15	1019.00	30.09	0.687	115.24	239.43	518.86			
7/21/99 0:30	1018.75	30.08	0.684	114.98	238.96	517.54			
7/21/99 0:45	1018.50	30.08	0.684	115.24	239.43	517.76			
7/21/99 1:00	1018.50	30.08	0.684	114.98	238.96	517.87	518.09		
7/21/99 1:15	1018.63	30.08	0.686	115.24	239.43	518.47			
7/21/99 1:30	1018.63	30.08	0.687	114.98	238.96	518.78			
7/21/99 1:45	1018.63	30.08	0.691	114.72	238.49	520.00			
7/21/99 2:00	1018.63	30.08	0.694	114.46	238.02	520.99	520.76		
7/21/99 2:15	1018.63	30.08	0.696	114.46	238.02	521.93			
7/21/99 2:30	1018.75	30.08	0.696	114.72	238.49	522.07			
7/21/99 2:45	1018.88	30.09	0.694	113.93	237.08	520.84			
7/21/99 3:00	1019.00	30.09	0.694	113.93	237.08	520.81	521.03		
7/21/99 3:15	1019.00	30.09	0.694	113.93	237.08	520.81			
7/21/99 3:30	1019.00	30.09	0.694	113.67	236.61	520.63			
7/21/99 3:45	1019.00	30.09	0.696	113.93	237.08	521.48			
7/21/99 4:00	1018.75	30.08	0.696	113.41	236.14	520.97	520.97		
7/21/99 4:15	1018.63	30.08	0.695	113.41	236.14	520.78			
7/21/99 4:30	1018.63	30.08	0.696	113.41	236.14	521.00			
7/21/99 4:45	1018.63	30.08	0.697	113.41	236.14	521.49			
7/21/99 5:00	1018.63	30.08	0.696	113.15	235.67	521.05	521.05		
7/21/99 5:15	1018.50	30.08	0.698	113.15	235.67	521.57			
7/21/99 5:30	1018.50	30.08	0.694	113.15	235.67	520.15			
7/21/99 5:45	1018.50	30.08	0.696	113.15	235.67	520.86			
7/21/99 6:00	1018.63	30.08	0.694	113.41	236.14	520.55	520.23		
7/21/99 6:15	1018.75	30.08	0.693	113.41	236.14	520.03			
7/21/99 6:30	1018.88	30.09	0.692	113.41	236.14	519.55			
7/21/99 6:45	1018.88	30.09	0.689	113.41	236.14	518.61			
7/21/99 7:00	1019.13	30.09	0.692	113.67	236.61	519.66	519.05		
7/21/99 7:15	1019.13	30.09	0.691	113.67	236.61	519.17			
7/21/99 7:30	1019.13	30.09	0.688	113.67	236.61	518.23			
7/21/99 7:45	1019.13	30.09	0.684	113.67	236.61	516.57			
7/21/99 8:00	1019.50	30.11	0.688	114.20	237.55	517.77	517.48		
7/21/99 8:15	1019.63	30.11	0.685	114.46	238.02	517.48			
7/21/99 8:30	1019.75	30.11	0.684	114.72	238.49	517.38			
7/21/99 8:45	1019.88	30.12	0.684	114.72	238.49	517.35			
7/21/99 9:00	1020.00	30.12	0.685	114.98	238.96	517.71	517.60		
7/21/99 9:15	1020.25	30.13	0.688	115.24	239.43	518.28			
7/21/99 9:30	1020.38	30.13	0.684	115.24	239.43	517.30			
7/21/99 9:45	1020.50	30.14	0.687	115.24	239.43	518.48			
7/21/99 10:00	1020.38	30.13	0.688	115.76	240.37	519.31	518.88		
7/21/99 10:15	1020.25	30.13	0.686	116.02	240.84	518.80			
7/21/99 10:30	1020.13	30.12	0.688	116.29	241.32	519.50			
7/21/99 10:45	1020.13	30.12	0.685	117.07	242.73	519.07			
7/21/99 11:00	1020.38	30.13	0.690	117.33	243.20	521.08	520.19		
7/21/99 11:15	1020.25	30.13	0.686	117.59	243.67	519.84			
7/21/99 11:30	1020.25	30.13	0.690	117.85	244.14	521.46			
7/21/99 11:45	1020.13	30.12	0.691	118.38	245.08	522.29			
7/21/99 12:00	1020.13	30.12	0.693	118.90	246.02	523.13	522.88		
7/21/99 12:15	1019.88	30.12	0.693	119.42	246.96	523.54			
7/21/99 12:30	1019.75	30.11	0.693	119.68	247.43	523.98			
7/21/99 12:45	1019.50	30.11	0.695	119.68	247.43	524.76			
7/21/99 13:00	1019.25	30.10	0.692	120.21	248.37	524.00	523.97		
7/21/99 13:15	1019.00	30.09	0.693	120.21	248.37	524.52			
7/21/99 13:30	1019.00	30.09	0.688	120.21	248.37	522.62			
7/21/99 13:45	1019.00	30.09	0.689	120.47	248.84	523.29			
7/21/99 14:00	1018.88	30.09	0.689	120.73	249.31	523.23	523.54		
7/21/99 14:15	1018.75	30.08	0.691	120.99	249.78	524.16			
7/21/99 14:30	1018.63	30.08	0.691	120.99	249.78	524.42			
7/21/99 14:45	1018.38	30.07	0.691	120.99	249.78	524.48			
7/21/99 15:00	1018.25	30.07	0.693	121.25	250.25	525.41	524.93		
7/21/99 15:15	1018.25	30.07	0.692	121.77	251.19	525.30			
7/21/99 15:30	1018.13	30.07	0.691	121.77	251.19	525.06			
7/21/99 15:45	1018.00	30.06	0.692	122.03	251.66	525.54			
7/21/99 16:00	1017.75	30.05	0.690	122.03	251.66	524.88	524.99		
7/21/99 16:15	1017.63	30.05	0.691	122.30	252.13	525.54			
7/21/99 16:30	1017.63	30.05	0.687	122.30	252.13	523.90			
7/21/99 16:45	1017.75	30.05	0.691	122.56	252.60	525.45			
7/21/99 17:00	1017.63	30.05	0.691	122.56	252.60	525.71	525.35		
7/21/99 17:15	1017.75	30.05	0.693	122.30	252.13	528.00			
7/21/99 17:30	1017.75	30.05	0.691	122.56	252.60	525.68			
7/21/99 17:45	1017.63	30.05	0.689	122.30	252.13	524.59			
7/21/99 18:00	1017.75	30.05	0.690	122.03	251.66	524.68	524.84		
7/21/99 18:15	1017.88	30.06	0.689	122.03	251.66	524.35			
7/21/99 18:30	1017.75	30.05	0.690	121.77	251.19	524.71			
7/21/99 18:45	1017.83	30.05	0.691	121.51	250.72	524.79			
7/21/99 19:00	1017.63	30.05	0.691	121.25	250.25	524.62	524.05		
7/21/99 19:15	1017.63	30.05	0.688	120.99	249.78	523.49			
7/21/99 19:30	1017.50	30.05	0.688	120.73	249.31	522.83			
7/21/99 19:45	1017.63	30.05	0.685	120.47	248.84	521.97			
7/21/99 20:00	1017.50	30.05	0.685	119.94	247.90	521.65	521.88		
7/21/99 20:15	1017.50	30.05	0.685	119.16	246.49	521.13			
7/21/99 20:30	1017.63	30.05	0.688	118.64	245.55	521.93			
7/21/99 20:45	1017.88	30.06	0.685	118.38	245.08	520.52			
7/21/99 21:00	1018.00	30.06	0.684	117.85	244.14	519.91	519.78		
7/21/99 21:15	1017.63	30.05	0.682	117.33	243.20	518.71			
7/21/99 21:30	1017.63	30.05	0.680	117.07	242.73	517.81			
7/21/99 21:45	1018.00	30.06	0.684	116.81	242.26	516.95			
7/21/99 22:00	1018.38	30.07	0.681	116.55	241.79	517.50	517.93		
7/21/99 22:15	1018.50	30.08	0.680	116.55	241.79	517.24			
7/21/99 22:30	1018.75	30.08	0.683	116.55	241.79	518.13			
7/21/99 22:45	1018.88	30.09	0.683	116.55	241.79	518.10			
7/21/99 23:00	1018.88	30.09	0.681	116.55	241.79	517.38	517.96		
7/21/99 23:15	1018.75	30.08	0.681	116.55	241.79	517.84			
7/21/99 23:30	1018.88	30.09	0.684	116.55	241.79	516.55			
7/21/99 23:45	1018.75	30.08	0.684	116.55	241.79	518.58			
7/22/99 0:00	1018.75	30.08	0.679	116.55	241.79	516.95	517.46		
7/22/99 0:15	1018.88	30.09	0.681	116.55	241.79	517.38			
7/22/99 0:30	1018.75	30.08	0.677	116.29	241.32	515.83			
7/22/99 0:45	1018.75	30.08	0.679	116.29	241.32	516.78			
7/22/99 1:00	1018.63	30.08	0.680	116.55	241.79	517.21	517.79		
7/22/99 1:15	1018.50	30.08	0.685	116.29	241.32	518.97			
7/22/99 1:30	1018.63	30.08	0.689	116.02	240.84	520.16			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/19/99 14:15	1019.63	30.11	0.701	119.68	247.43	527.06			
7/19/99 14:30	1019.38	30.10	0.700	119.68	247.43	526.67			
7/19/99 14:45	1019.13	30.09	0.703	119.68	247.43	527.88			
7/19/99 15:00	1018.75	30.08	0.703	119.94	247.90	527.95	527.93		
7/19/99 15:15	1018.50	30.08	0.703	119.94	247.90	528.02			
7/19/99 15:30	1018.38	30.07	0.705	120.47	248.84	529.34			
7/19/99 15:45	1018.25	30.07	0.700	120.47	248.84	527.49			
7/19/99 16:00	1018.00	30.06	0.694	120.47	248.84	525.18	527.30		
7/19/99 16:15	1017.75	30.05	0.698	120.47	248.84	526.90			
7/19/99 16:30	1017.75	30.05	0.699	120.73	249.31	527.57			
7/19/99 16:45	1017.88	30.06	0.700	120.21	248.37	527.41			
7/19/99 17:00	1017.88	30.06	0.701	119.42	246.96	527.11	526.20		
7/19/99 17:15	1018.00	30.06	0.699	119.42	246.96	526.36			
7/19/99 17:30	1018.13	30.07	0.690	118.64	245.55	522.52			
7/19/99 17:45	1018.00	30.06	0.695	117.33	243.20	523.57			
7/19/99 18:00	1018.25	30.07	0.696	117.07	242.73	523.56	523.02		
7/19/99 18:15	1018.50	30.08	0.696	116.55	241.79	523.86			
7/19/99 18:30	1018.13	30.07	0.691	116.55	241.79	521.58			
7/19/99 18:45	1018.13	30.07	0.694	116.29	241.32	522.35			
7/19/99 19:00	1018.38	30.07	0.683	116.02	240.84	517.66	520.36		
7/19/99 19:15	1016.25	30.07	0.685	115.24	239.43	518.33			
7/19/99 19:30	1018.13	30.07	0.693	115.78	240.37	521.77			
7/19/99 19:45	1018.13	30.07	0.691	115.76	240.37	520.83			
7/19/99 20:00	1018.00	30.06	0.692	116.02	240.84	521.53	521.47		
7/19/99 20:15	1018.13	30.07	0.692	116.02	240.84	521.50			
7/19/99 20:30	1018.13	30.07	0.693	118.02	240.84	521.72			
7/19/99 20:45	1018.13	30.07	0.693	116.02	240.84	521.95			
7/19/99 21:00	1018.13	30.07	0.694	115.76	240.37	522.26	521.94		
7/19/99 21:15	1018.25	30.07	0.695	115.24	239.43	522.10			
7/19/99 21:30	1018.38	30.07	0.694	114.98	238.96	521.87			
7/19/99 21:45	1018.50	30.08	0.691	114.72	238.49	520.26			
7/19/99 22:00	1018.50	30.08	0.693	114.72	238.49	520.75	520.69		
7/19/99 22:15	1018.50	30.08	0.690	114.72	238.49	519.81			
7/19/99 22:30	1018.63	30.08	0.693	114.72	238.49	520.94			
7/19/99 22:45	1018.88	30.09	0.692	114.20	237.55	520.08			
7/19/99 23:00	1018.88	30.09	0.692	114.48	238.02	520.25	520.34		
7/19/99 23:15	1018.88	30.09	0.693	114.46	238.02	520.48			
7/19/99 23:30	1018.63	30.08	0.692	113.93	237.08	519.97			
7/19/99 23:45	1018.63	30.08	0.691	113.93	237.08	519.70			
7/20/99 0:00	1018.50	30.08	0.691	113.67	236.61	519.33	519.52		
7/20/99 0:15	1018.25	30.07	0.690	113.93	237.08	519.35			
7/20/99 0:30	1018.00	30.06	0.690	113.67	236.61	519.24			
7/20/99 0:45	1017.88	30.06	0.690	113.67	236.61	519.27			
7/20/99 1:00	1017.88	30.06	0.689	113.67	236.61	518.78	518.74		
7/20/99 1:15	1018.13	30.07	0.688	113.41	236.14	518.09			
7/20/99 1:30	1018.13	30.07	0.688	113.41	236.14	518.31			
7/20/99 1:45	1018.13	30.07	0.688	113.41	236.14	518.09			
7/20/99 2:00	1018.25	30.07	0.687	113.41	236.14	517.83	518.54		
7/20/99 2:15	1018.38	30.07	0.688	113.15	235.67	517.65			
7/20/99 2:30	1018.38	30.07	0.694	113.41	236.14	520.62			
7/20/99 2:45	1018.50	30.08	0.696	113.15	235.67	520.86			
7/20/99 3:00	1018.25	30.07	0.696	112.89	235.20	520.75	521.12		
7/20/99 3:15	1018.00	30.06	0.696	112.89	235.20	521.03			
7/20/99 3:30	1017.88	30.06	0.699	113.41	236.14	522.35			
7/20/99 3:45	1017.88	30.06	0.703	113.41	236.14	523.77			
7/20/99 4:00	1018.00	30.06	0.693	112.63	234.73	519.70	520.24		
7/20/99 4:15	1018.75	30.08	0.693	113.15	235.67	519.66			
7/20/99 4:30	1019.25	30.10	0.682	113.15	235.67	515.51			
7/20/99 4:45	1018.88	30.09	0.690	113.15	235.67	518.66			
7/20/99 5:00	1018.88	30.09	0.696	112.89	235.20	520.81	519.24		
7/20/99 5:15	1018.88	30.09	0.696	112.89	235.20	520.59			
7/20/99 5:30	1018.88	30.09	0.696	112.63	234.73	520.63			
7/20/99 5:45	1018.75	30.08	0.699	112.63	234.73	521.60			
7/20/99 6:00	1018.75	30.08	0.701	112.63	234.73	522.31	521.56		
7/20/99 6:15	1018.88	30.09	0.701	112.63	234.73	522.28			
7/20/99 6:30	1018.75	30.08	0.698	112.37	234.26	520.98			
7/20/99 6:45	1018.88	30.09	0.699	112.63	234.73	521.83			
7/20/99 7:00	1018.88	30.09	0.698	112.63	234.73	521.34	520.97		
7/20/99 7:15	1018.75	30.06	0.696	113.15	235.67	521.02			
7/20/99 7:30	1018.63	30.08	0.693	113.15	235.67	519.66			
7/20/99 7:45	1018.75	30.08	0.694	113.15	235.67	520.08			
7/20/99 8:00	1018.75	30.08	0.695	113.41	236.14	520.75	520.53		
7/20/99 8:15	1018.88	30.09	0.695	113.67	236.61	520.89			
7/20/99 8:30	1019.13	30.09	0.696	113.67	236.61	521.28			
7/20/99 8:45	1019.25	30.10	0.694	113.67	236.61	520.57			
7/20/99 9:00	1019.38	30.10	0.695	113.67	236.61	520.78	521.04		
7/20/99 9:15	1019.63	30.11	0.694	114.46	236.02	520.74			
7/20/99 9:30	1020.00	30.12	0.697	114.46	238.02	521.84			
7/20/99 9:45	1019.88	30.12	0.695	114.46	238.02	521.16			
7/20/99 10:00	1020.13	30.12	0.693	114.72	238.49	520.56	521.01		
7/20/99 10:15	1020.00	30.12	0.693	114.98	238.96	520.77			
7/20/99 10:30	1020.00	30.12	0.693	115.24	239.43	520.72			
7/20/99 10:45	1020.00	30.12	0.691	115.24	239.43	520.00			
7/20/99 11:00	1019.88	30.12	0.693	115.24	239.43	520.75	521.23		
7/20/99 11:15	1020.00	30.12	0.694	115.76	240.37	521.76			
7/20/99 11:30	1020.00	30.12	0.697	116.02	240.84	522.89			
7/20/99 11:45	1020.00	30.12	0.693	116.02	240.84	521.47			
7/20/99 12:00	1019.88	30.12	0.694	116.29	241.32	522.16	522.15		
7/20/99 12:15	1019.88	30.12	0.695	116.55	241.79	522.56			
7/20/99 12:30	1019.88	30.12	0.693	116.29	241.32	521.67			
7/20/99 12:45	1019.88	30.12	0.693	116.81	242.26	522.02			
7/20/99 13:00	1019.88	30.12	0.693	117.33	243.20	522.37	522.27		
7/20/99 13:15	1019.88	30.12	0.694	116.81	242.26	522.25			
7/20/99 13:30	1019.50	30.11	0.695	117.07	242.73	523.01			
7/20/99 13:45	1019.50	30.11	0.694	117.59	243.67	523.13			
7/20/99 14:00	1019.63	30.11	0.693	117.85	244.14	522.79	523.13		
7/20/99 14:15	1019.25	30.10	0.695	117.85	244.14	523.60			
7/20/99 14:30	1019.25	30.10	0.694	117.85	244.14	523.11			
7/20/99 14:45	1019.13	30.09	0.692	118.12	244.61	522.64			
7/20/99 15:00	1019.13	30.09	0.694	118.12	244.61	523.58	523.22		
7/20/99 15:15	1018.88	30.09	0.694	118.12	244.61	523.38			
7/20/99 15:30	1016.75	30.08	0.694	118.12	244.61	523.41			
7/20/99 15:45	1018.63	30.08	0.695	118.38	245.08	524.11			
7/20/99 16:00	1018.50	30.06	0.691	118.90	246.02	523.06	523.57		
7/20/99 16:15	1018.13	30.07	0.693	118.64	245.55	523.70			
7/20/99 16:30	1016.00	30.06	0.693	116.38	245.08	523.55			
7/20/99 16:45	1017.66	30.06	0.693	118.38	245.08	523.36			
7/20/99 17:00	1017.63	30.05	0.693	118.38	245.08	523.42	523.50		
7/20/99 17:15	1017.75	30.05	0.694	118.38	245.08	523.84			
7/20/99 17:30	1017.75	30.05	0.692	118.64	245.55	523.34			
7/20/99 17:45	1017.75	30.05	0.691	118.64	245.55	523.07			
7/20/99 18:00	1017.75	30.05	0.692	118.64	245.55	523.34	523.29		
7/20/99 18:15	1017.88	30.06	0.694	118.90	246.02	524.16			
7/20/99 18:30	1016.00	30.06	0.690	118.64	245.55	522.56			
7/20/99 18:45	1018.13	30.07	0.687	118.12	244.61	521.00			
7/20/99 19:00	1017.88	30.06	0.669	118.12	244.61	521.75	521.21		
7/20/99 19:15	1017.88	30.06	0.687	118.12	244.61	521.06			
7/20/99 19:30	1017.88	30.06	0.684	117.85	244.14	519.88			
7/20/99 19:45	1017.63	30.05	0.684	117.59	243.67	519.83			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/18/99 8:30	1022.00	30.16	0.693	113.41	236.14	519.21			
7/18/99 8:45	1022.00	30.18	0.691	113.41	236.14	518.27			
7/18/99 9:00	1022.13	30.18	0.692	113.41	236.14	518.72	518.96		
7/18/99 9:15	1022.13	30.18	0.692	113.67	236.61	518.90			
7/18/99 9:30	1022.25	30.19	0.694	113.93	237.08	519.72			
7/18/99 9:45	1022.13	30.18	0.693	113.67	236.61	519.35			
7/18/99 10:00	1022.00	30.18	0.696	113.67	236.61	520.32	519.25		
7/18/99 10:15	1022.00	30.18	0.693	113.41	236.14	518.98			
7/18/99 10:30	1022.00	30.18	0.690	113.15	235.67	517.87			
7/18/99 10:45	1022.00	30.18	0.691	113.15	235.67	518.32			
7/18/99 11:00	1022.13	30.18	0.693	113.15	235.67	519.00	519.13		
7/18/99 11:15	1022.00	30.18	0.695	113.41	236.14	519.92			
7/18/99 11:30	1022.00	30.18	0.696	113.67	236.61	520.54			
7/18/99 11:45	1022.13	30.18	0.695	113.93	237.08	520.24			
7/18/99 12:00	1022.00	30.18	0.693	113.93	237.08	519.33	520.10		
7/18/99 12:15	1022.00	30.18	0.692	114.72	238.49	519.63			
7/18/99 12:30	1022.00	30.18	0.694	114.98	238.96	520.74			
7/18/99 12:45	1022.00	30.18	0.696	115.50	239.90	521.77			
7/18/99 13:00	1021.88	30.18	0.694	115.76	240.37	521.30	521.28		
7/18/99 13:15	1021.75	30.17	0.694	116.02	240.84	521.51			
7/18/99 13:30	1021.75	30.17	0.694	115.76	240.37	521.07			
7/18/99 13:45	1021.75	30.17	0.694	116.02	240.84	521.51			
7/18/99 14:00	1021.63	30.17	0.696	116.02	240.84	521.99	521.26		
7/18/99 14:15	1021.50	30.16	0.693	116.02	240.84	520.86			
7/18/99 14:30	1021.50	30.16	0.693	116.02	240.84	520.86			
7/18/99 14:45	1021.50	30.16	0.693	115.24	239.43	520.33			
7/18/99 15:00	1021.38	30.16	0.692	115.24	239.43	520.14	520.58		
7/18/99 15:15	1021.25	30.16	0.694	115.50	239.90	521.29			
7/18/99 15:30	1021.13	30.15	0.691	115.76	240.37	520.29			
7/18/99 15:45	1021.00	30.15	0.689	116.02	240.84	519.82			
7/18/99 16:00	1021.00	30.15	0.693	116.55	241.79	521.34	520.60		
7/18/99 16:15	1020.75	30.14	0.691	116.55	241.79	520.68			
7/18/99 16:30	1020.63	30.14	0.691	116.81	242.26	520.89			
7/18/99 16:45	1020.38	30.13	0.691	117.07	242.73	521.13			
7/18/99 17:00	1020.38	30.13	0.691	116.81	242.26	521.18	521.32		
7/18/99 17:15	1020.38	30.13	0.692	116.81	242.26	521.44			
7/18/99 17:30	1020.50	30.14	0.692	117.59	243.67	521.94			
7/18/99 17:45	1020.38	30.13	0.691	117.59	243.67	521.48			
7/18/99 18:00	1020.25	30.13	0.689	117.59	243.67	521.06	521.38		
7/18/99 18:15	1020.25	30.13	0.689	117.85	244.14	520.97			
7/18/99 18:30	1020.13	30.12	0.690	117.85	244.14	521.49			
7/18/99 18:45	1020.13	30.12	0.691	118.12	244.61	521.89			
7/18/99 19:00	1020.00	30.12	0.690	117.85	244.14	521.52	522.20		
7/18/99 19:15	1020.00	30.12	0.691	117.85	244.14	521.75			
7/18/99 19:30	1020.25	30.13	0.698	117.59	243.67	524.33			
7/18/99 19:45	1020.25	30.13	0.701	117.07	242.73	525.14			
7/18/99 20:00	1020.38	30.13	0.701	116.29	241.32	524.36	524.48		
7/18/99 20:15	1020.38	30.13	0.704	115.76	240.37	525.17			
7/18/99 20:30	1020.38	30.13	0.699	115.50	239.90	523.38			
7/18/99 20:45	1020.38	30.13	0.702	114.98	238.96	523.97			
7/18/99 21:00	1020.50	30.14	0.701	114.72	238.49	523.27	523.04		
7/18/99 21:15	1020.50	30.14	0.699	114.20	237.55	522.47			
7/18/99 21:30	1020.50	30.14	0.699	113.67	236.61	522.12			
7/18/99 21:45	1020.50	30.14	0.701	113.41	236.14	522.39			
7/18/99 22:00	1020.63	30.14	0.699	113.41	236.14	521.91	521.73		
7/18/99 22:15	1020.75	30.14	0.699	113.15	235.67	521.44			
7/18/99 22:30	1020.75	30.14	0.697	113.15	235.67	520.77			
7/18/99 22:45	1020.75	30.14	0.699	112.63	234.73	521.09			
7/18/99 23:00	1020.63	30.14	0.699	112.37	234.26	521.21	520.95		
7/18/99 23:15	1020.63	30.14	0.698	112.37	234.26	520.72			
7/18/99 23:30	1020.63	30.14	0.699	112.37	234.26	520.94			
7/18/99 23:45	1020.63	30.14	0.693	112.37	234.26	518.63			
7/19/99 0:00	1020.75	30.14	0.693	112.37	234.26	518.82	518.78		
7/19/99 0:15	1020.88	30.15	0.691	112.11	233.79	517.68			
7/19/99 0:30	1021.13	30.15	0.691	112.11	233.79	517.84			
7/19/99 0:45	1021.25	30.16	0.691	112.11	233.79	517.58			
7/19/99 1:00	1021.25	30.16	0.690	112.11	233.79	517.36	517.73		
7/19/99 1:15	1021.25	30.16	0.691	112.11	233.79	517.81			
7/19/99 1:30	1021.25	30.16	0.692	112.11	233.79	518.07			
7/19/99 1:45	1021.25	30.16	0.691	111.84	233.32	517.41			
7/19/99 2:00	1021.13	30.15	0.691	111.84	233.32	517.44	517.51		
7/19/99 2:15	1021.13	30.15	0.689	111.84	233.32	516.99			
7/19/99 2:30	1021.00	30.15	0.691	112.11	233.79	517.65			
7/19/99 2:45	1020.88	30.15	0.689	111.58	232.85	516.61			
7/19/99 3:00	1020.88	30.15	0.685	111.58	232.85	515.22	515.96		
7/19/99 3:15	1020.75	30.14	0.685	111.58	232.85	515.26			
7/19/99 3:30	1020.63	30.14	0.684	111.58	232.85	515.06			
7/19/99 3:45	1020.75	30.14	0.686	111.84	233.32	515.88			
7/19/99 4:00	1020.75	30.14	0.688	112.11	233.79	516.77	516.14		
7/19/99 4:15	1020.75	30.14	0.687	111.58	232.85	515.97			
7/19/99 4:30	1020.75	30.14	0.689	112.11	233.79	517.00			
7/19/99 4:45	1020.63	30.14	0.688	111.58	232.85	516.45			
7/19/99 5:00	1020.63	30.14	0.685	111.58	232.85	515.29	515.98		
7/19/99 5:15	1020.63	30.14	0.686	111.84	233.32	515.91			
7/19/99 5:30	1020.63	30.14	0.684	111.84	233.32	515.24			
7/19/99 5:45	1020.75	30.14	0.684	111.32	232.38	514.59			
7/19/99 6:00	1020.75	30.14	0.686	111.06	231.91	515.13	514.90		
7/19/99 6:15	1020.88	30.15	0.684	111.06	231.91	514.65			
7/19/99 6:30	1020.88	30.15	0.685	111.06	231.91	514.87			
7/19/99 6:45	1020.88	30.15	0.684	111.06	231.91	514.65			
7/19/99 7:00	1021.00	30.15	0.686	111.32	232.38	515.24	514.59		
7/19/99 7:15	1021.00	30.15	0.684	111.32	232.38	514.53			
7/19/99 7:30	1021.00	30.15	0.680	112.11	233.79	513.68			
7/19/99 7:45	1021.13	30.15	0.678	112.37	234.26	512.85			
7/19/99 8:00	1021.13	30.15	0.688	112.11	233.79	515.74	515.16		
7/19/99 8:15	1021.13	30.15	0.688	112.11	233.79	516.45			
7/19/99 8:30	1021.13	30.15	0.689	112.37	234.26	517.08			
7/19/99 8:45	1021.13	30.15	0.691	112.89	235.20	518.37			
7/19/99 9:00	1021.13	30.15	0.695	113.41	236.14	520.14	521.29		
7/19/99 9:15	1021.25	30.16	0.708	113.15	235.67	524.61			
7/19/99 9:30	1021.25	30.16	0.712	112.89	235.20	526.04			
7/19/99 9:45	1021.38	30.16	0.696	113.93	237.08	520.88			
7/19/99 10:00	1021.25	30.16	0.698	114.72	238.49	522.15	522.65		
7/19/99 10:15	1021.25	30.16	0.700	114.98	238.96	523.03			
7/19/99 10:30	1021.25	30.16	0.695	114.98	238.96	521.18			
7/19/99 10:45	1021.25	30.16	0.701	115.24	239.43	523.66			
7/19/99 11:00	1021.00	30.15	0.703	116.02	240.84	524.96	524.10		
7/19/99 11:15	1020.88	30.15	0.703	116.29	241.32	525.17			
7/19/99 11:30	1020.88	30.15	0.704	116.55	241.79	525.57			
7/19/99 11:45	1020.88	30.15	0.701	116.81	242.26	524.58			
7/19/99 12:00	1020.75	30.14	0.705	117.07	242.73	526.44	525.85		
7/19/99 12:15	1020.63	30.14	0.704	117.33	243.20	526.16			
7/19/99 12:30	1020.63	30.14	0.704	117.85	244.14	526.51			
7/19/99 12:45	1020.50	30.14	0.709	117.85	244.14	528.41			
7/19/99 13:00	1020.25	30.13	0.704	118.38	245.08	526.98	527.13		
7/19/99 13:15	1020.13	30.12	0.701	118.64	245.55	526.23			
7/19/99 13:30	1020.00	30.12	0.704	119.16	246.49	527.55			
7/19/99 13:45	1019.88	30.12	0.702	119.16	246.49	526.91			
7/19/99 14:00	1019.63	30.11	0.704	119.68	247.43	528.00	527.24		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/17/99 2:45	1021.63	30.17	0.706	110.54	230.97	522.23			
7/17/99 3:00	1021.63	30.17	0.703	110.28	230.50	520.91	520.67		
7/17/99 3:15	1021.50	30.16	0.699	110.02	230.03	519.39			
7/17/99 3:30	1021.50	30.16	0.699	110.54	230.97	519.49			
7/17/99 3:45	1021.50	30.16	0.699	110.54	230.97	519.75			
7/17/99 4:00	1021.63	30.17	0.697	110.26	230.50	518.61	519.06		
7/17/99 4:15	1021.75	30.17	0.699	110.02	230.03	519.07			
7/17/99 4:30	1021.75	30.17	0.697	110.02	230.03	518.40			
7/17/99 4:45	1021.75	30.17	0.696	110.02	230.03	517.92			
7/17/99 5:00	1021.88	30.16	0.694	110.28	230.50	517.61	517.89		
7/17/99 5:15	1021.88	30.18	0.693	110.54	230.97	517.08			
7/17/99 5:30	1022.00	30.18	0.696	110.54	230.97	516.43			
7/17/99 5:45	1022.00	30.18	0.694	110.54	230.97	517.50			
7/17/99 6:00	1022.25	30.19	0.697	110.54	230.97	518.63	517.90		
7/17/99 6:15	1022.38	30.19	0.693	110.80	231.44	517.13			
7/17/99 6:30	1022.63	30.20	0.695	110.54	230.97	517.82			
7/17/99 6:45	1022.75	30.20	0.694	110.28	230.50	517.39			
7/17/99 7:00	1022.75	30.20	0.696	110.28	230.50	517.84	517.67		
7/17/99 7:15	1023.00	30.21	0.693	110.80	231.44	517.20			
7/17/99 7:30	1023.00	30.21	0.695	111.06	231.91	518.08			
7/17/99 7:45	1023.00	30.21	0.692	111.06	231.91	516.92			
7/17/99 8:00	1023.13	30.21	0.691	111.58	232.85	516.98	517.37		
7/17/99 8:15	1023.13	30.21	0.693	112.11	233.79	518.04			
7/17/99 8:30	1023.13	30.21	0.689	112.37	234.26	516.83			
7/17/99 8:45	1023.13	30.21	0.691	112.89	235.20	517.63			
7/17/99 9:00	1023.13	30.21	0.691	113.67	236.61	518.16	517.61		
7/17/99 9:15	1023.13	30.21	0.688	113.93	237.08	517.17			
7/17/99 9:30	1023.13	30.21	0.689	114.46	238.02	518.23			
7/17/99 9:45	1023.00	30.21	0.688	114.98	238.96	518.12			
7/17/99 10:00	1023.13	30.21	0.691	115.24	239.43	519.21	518.41		
7/17/99 10:15	1023.00	30.21	0.687	115.24	239.43	517.85			
7/17/99 10:30	1022.86	30.21	0.688	116.02	240.84	516.63			
7/17/99 10:45	1022.88	30.21	0.692	116.55	241.79	520.63			
7/17/99 11:00	1022.88	30.21	0.693	116.55	241.79	520.86	520.62		
7/17/99 11:15	1022.88	30.21	0.688	117.07	242.73	519.55			
7/17/99 11:30	1022.88	30.21	0.698	117.59	243.67	523.43			
7/17/99 11:45	1022.75	30.20	0.691	117.59	243.67	520.87			
7/17/99 12:00	1022.88	30.21	0.679	117.85	244.14	516.77	519.88		
7/17/99 12:15	1022.75	30.20	0.685	117.85	244.14	518.93			
7/17/99 12:30	1022.38	30.19	0.685	118.38	245.08	519.37			
7/17/99 12:45	1022.25	30.19	0.685	118.38	245.08	519.40			
7/17/99 13:00	1022.38	30.19	0.693	118.64	245.55	522.38	521.50		
7/17/99 13:15	1022.25	30.19	0.696	117.85	244.14	523.06			
7/17/99 13:30	1022.13	30.18	0.696	117.85	244.14	523.31			
7/17/99 13:45	1021.88	30.18	0.696	118.38	245.08	523.73			
7/17/99 14:00	1021.63	30.17	0.699	118.38	245.08	524.99	524.51		
7/17/99 14:15	1021.25	30.16	0.700	118.12	244.61	525.14			
7/17/99 14:30	1021.25	30.16	0.701	118.12	244.61	525.36			
7/17/99 14:45	1021.13	30.15	0.699	118.38	245.08	525.12			
7/17/99 15:00	1021.13	30.15	0.701	118.90	246.02	525.92	526.00		
7/17/99 15:15	1020.75	30.14	0.704	119.16	246.49	527.36			
7/17/99 15:30	1020.50	30.14	0.700	119.42	246.96	526.21			
7/17/99 15:45	1020.25	30.13	0.704	119.42	246.96	527.66			
7/17/99 16:00	1020.38	30.13	0.701	119.42	246.96	526.69	527.49		
7/17/99 16:15	1020.63	30.14	0.704	119.68	247.43	527.74			
7/17/99 16:30	1020.63	30.14	0.706	119.68	247.43	529.16			
7/17/99 16:45	1020.50	30.14	0.709	119.68	247.43	529.64			
7/17/99 17:00	1021.00	30.15	0.698	118.90	246.02	525.02	526.92		
7/17/99 17:15	1021.13	30.15	0.699	117.33	243.20	524.42			
7/17/99 17:30	1021.13	30.15	0.705	117.07	242.73	526.34			
7/17/99 17:45	1021.00	30.15	0.706	116.81	242.26	526.42			
7/17/99 18:00	1021.13	30.15	0.708	116.55	241.79	526.92	526.51		
7/17/99 18:15	1021.50	30.16	0.707	116.29	241.32	526.42			
7/17/99 18:30	1021.50	30.16	0.708	116.02	240.84	526.47			
7/17/99 18:45	1021.00	30.15	0.704	115.76	240.37	525.01			
7/17/99 19:00	1020.63	30.14	0.699	115.76	240.37	523.50	524.65		
7/17/99 19:15	1020.63	30.14	0.700	116.02	240.84	523.90			
7/17/99 19:30	1020.75	30.14	0.702	115.76	240.37	524.40			
7/17/99 19:45	1020.63	30.14	0.701	115.50	239.90	523.99			
7/17/99 20:00	1020.50	30.14	0.700	115.76	240.37	523.75	524.27		
7/17/99 20:15	1020.63	30.14	0.703	116.02	240.84	524.83			
7/17/99 20:30	1020.75	30.14	0.702	115.76	240.37	524.40			
7/17/99 20:45	1020.75	30.14	0.699	115.50	239.90	523.03			
7/17/99 21:00	1020.75	30.14	0.697	114.98	238.96	522.00	522.23		
7/17/99 21:15	1020.63	30.14	0.698	114.72	238.49	522.08			
7/17/99 21:30	1020.75	30.14	0.693	113.93	237.08	519.65			
7/17/99 21:45	1020.88	30.15	0.694	113.41	236.14	519.98			
7/17/99 22:00	1021.13	30.15	0.692	113.15	235.67	518.80	519.66		
7/17/99 22:15	1021.25	30.16	0.694	113.41	236.14	519.86			
7/17/99 22:30	1021.25	30.16	0.695	113.41	236.14	520.11			
7/17/99 22:45	1021.38	30.16	0.696	113.41	236.14	520.30			
7/17/99 23:00	1021.50	30.16	0.694	113.41	236.14	519.82	519.51		
7/17/99 23:15	1021.50	30.16	0.693	112.89	235.20	518.76			
7/17/99 23:30	1021.50	30.16	0.693	112.63	234.73	518.58			
7/17/99 23:45	1021.50	30.16	0.691	112.89	235.20	518.05			
7/18/99 0:00	1021.63	30.17	0.693	112.89	235.20	516.95	518.21		
7/18/99 0:15	1021.50	30.16	0.690	112.63	234.73	517.64			
7/18/99 0:30	1021.63	30.17	0.691	112.63	234.73	517.64			
7/18/99 0:45	1021.75	30.17	0.693	112.37	234.26	518.34			
7/18/99 1:00	1021.75	30.17	0.692	112.63	234.73	518.29	517.83		
7/18/99 1:15	1021.88	30.18	0.691	112.63	234.73	517.77			
7/18/99 1:30	1021.75	30.17	0.689	112.37	234.26	516.92			
7/18/99 1:45	1021.63	30.17	0.689	112.37	234.26	517.21			
7/18/99 2:00	1021.50	30.16	0.689	112.11	233.79	517.07	517.56		
7/18/99 2:15	1021.38	30.16	0.692	112.37	234.26	518.21			
7/18/99 2:30	1021.38	30.16	0.692	112.63	234.73	518.39			
7/18/99 2:45	1021.25	30.16	0.688	112.37	234.26	516.82			
7/18/99 3:00	1021.13	30.15	0.688	112.11	233.79	516.45	517.32		
7/18/99 3:15	1021.13	30.15	0.689	111.84	233.32	516.73			
7/18/99 3:30	1021.25	30.16	0.694	111.32	232.38	516.21			
7/18/99 3:45	1021.25	30.16	0.696	111.58	232.85	519.32			
7/18/99 4:00	1021.38	30.16	0.699	111.32	232.38	520.05	519.71		
7/18/99 4:15	1021.25	30.16	0.701	111.06	231.91	520.61			
7/18/99 4:30	1021.38	30.16	0.700	111.06	231.91	520.35			
7/18/99 4:45	1021.50	30.16	0.701	111.06	231.91	520.55			
7/18/99 5:00	1021.50	30.16	0.699	110.80	231.44	519.92	520.17		
7/18/99 5:15	1021.63	30.17	0.699	111.06	231.91	520.07			
7/18/99 5:30	1021.63	30.17	0.699	111.32	232.38	519.98			
7/18/99 5:45	1021.50	30.16	0.699	111.06	231.91	520.10			
7/18/99 6:00	1021.50	30.16	0.701	111.32	232.38	520.95	520.53		
7/18/99 6:15	1021.63	30.17	0.702	111.32	232.38	521.17			
7/18/99 6:30	1021.75	30.17	0.700	111.32	232.38	520.44			
7/18/99 6:45	1021.75	30.17	0.699	111.58	232.85	520.39			
7/18/99 7:00	1021.88	30.18	0.701	111.58	232.85	521.03	520.58		
7/18/99 7:15	1022.00	30.18	0.699	112.11	233.79	520.68			
7/18/99 7:30	1022.00	30.18	0.698	112.37	234.26	520.37			
7/18/99 7:45	1022.00	30.18	0.693	112.69	235.20	518.63			
7/18/99 8:00	1021.88	30.18	0.692	113.15	235.67	518.61	519.21		
7/18/99 8:15	1021.88	30.18	0.693	113.41	236.14	519.24			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/15/99 21:00	1021.38	30.16	0.703	115.50	239.90	524.51	525.30		
7/15/99 21:15	1021.25	30.18	0.709	114.46	238.02	525.92			
7/15/99 21:30	1021.25	30.16	0.709	113.67	236.61	525.65			
7/15/99 21:45	1021.38	30.16	0.709	113.41	236.14	525.44			
7/15/99 22:00	1021.50	30.16	0.708	113.41	236.14	524.70	524.80		
7/15/99 22:15	1021.75	30.17	0.707	112.89	235.20	524.06			
7/15/99 22:30	1021.75	30.17	0.708	112.37	234.26	524.15			
7/15/99 22:45	1021.75	30.17	0.706	112.11	233.79	523.27			
7/15/99 23:00	1021.75	30.17	0.711	111.84	233.32	524.94	524.02		
7/15/99 23:15	1021.75	30.17	0.708	111.58	232.85	523.39			
7/15/99 23:30	1021.75	30.17	0.711	111.32	232.38	524.36			
7/15/99 23:45	1021.63	30.17	0.709	111.06	231.91	523.51			
7/16/99 0:00	1021.63	30.17	0.709	111.06	231.91	523.51	523.56		
7/16/99 0:15	1021.50	30.16	0.708	110.80	231.44	522.92			
7/16/99 0:30	1021.63	30.17	0.709	110.80	231.44	523.59			
7/16/99 0:45	1021.63	30.17	0.709	110.80	231.44	523.34			
7/16/99 1:00	1021.63	30.17	0.704	110.80	231.44	521.75	522.09		
7/16/99 1:15	1021.50	30.16	0.702	110.80	231.44	520.85			
7/16/99 1:30	1021.50	30.16	0.703	110.28	230.50	520.94			
7/16/99 1:45	1021.38	30.16	0.702	110.54	230.97	520.71			
7/16/99 2:00	1021.50	30.16	0.699	110.80	231.44	519.66	520.17		
7/16/99 2:15	1021.38	30.16	0.700	110.54	230.97	520.00			
7/16/99 2:30	1021.38	30.16	0.699	110.54	230.97	519.52			
7/16/99 2:45	1021.50	30.16	0.698	110.80	231.44	519.44			
7/16/99 3:00	1021.38	30.16	0.698	110.54	230.97	519.07	519.16		
7/16/99 3:15	1021.13	30.15	0.697	110.02	230.03	518.56			
7/16/99 3:30	1021.38	30.16	0.698	110.54	230.97	519.29			
7/16/99 3:45	1021.63	30.17	0.698	110.28	230.50	519.05			
7/16/99 4:00	1021.75	30.17	0.696	110.80	231.44	518.67	519.17		
7/16/99 4:15	1021.88	30.18	0.698	110.28	230.50	518.99			
7/16/99 4:30	1022.00	30.18	0.700	110.54	230.97	519.84			
7/16/99 4:45	1022.00	30.18	0.699	110.02	230.03	519.00			
7/16/99 5:00	1022.25	30.19	0.696	110.80	231.44	518.54	518.95		
7/16/99 5:15	1022.25	30.19	0.696	110.28	230.50	518.19			
7/16/99 5:30	1022.50	30.19	0.698	110.80	231.44	519.18			
7/16/99 5:45	1022.63	30.20	0.699	110.80	231.44	519.64			
7/16/99 6:00	1022.63	30.20	0.694	110.28	230.50	517.42	518.49		
7/16/99 6:15	1022.75	30.20	0.696	110.02	230.03	517.89			
7/16/99 6:30	1022.88	30.21	0.698	110.02	230.03	518.34			
7/16/99 6:45	1023.13	30.21	0.699	110.28	230.50	518.90			
7/16/99 7:00	1023.25	30.22	0.696	110.02	230.03	517.78	517.95		
7/16/99 7:15	1023.25	30.22	0.698	110.02	230.03	518.24			
7/16/99 7:30	1023.38	30.22	0.693	110.28	230.50	516.53			
7/16/99 7:45	1023.38	30.22	0.697	111.06	231.91	518.69			
7/16/99 8:00	1023.38	30.22	0.694	111.32	232.38	517.68	518.67		
7/16/99 8:15	1023.50	30.22	0.697	112.11	233.79	519.37			
7/16/99 8:30	1023.75	30.23	0.704	112.11	233.79	522.09			
7/16/99 8:45	1023.75	30.23	0.701	112.37	234.26	521.08			
7/16/99 9:00	1023.75	30.23	0.703	112.37	234.26	521.78	521.89		
7/16/99 9:15	1023.63	30.23	0.701	112.63	234.73	521.06			
7/16/99 9:30	1023.75	30.23	0.706	113.41	236.14	523.42			
7/16/99 9:45	1023.88	30.23	0.706	113.67	236.61	523.79			
7/16/99 10:00	1023.63	30.23	0.704	113.93	237.08	523.36	523.79		
7/16/99 10:15	1023.50	30.22	0.708	114.20	237.55	524.94			
7/16/99 10:30	1023.50	30.22	0.703	114.72	238.49	523.44			
7/16/99 10:45	1023.50	30.22	0.711	114.98	238.96	526.62			
7/16/99 11:00	1023.38	30.22	0.708	115.24	239.43	525.66	526.29		
7/16/99 11:15	1023.50	30.22	0.714	115.78	240.37	528.08			
7/16/99 11:30	1023.38	30.22	0.712	116.02	240.84	527.62			
7/16/99 11:45	1023.25	30.22	0.704	116.55	241.79	524.96			
7/16/99 12:00	1023.25	30.22	0.708	116.02	240.84	526.24	526.08		
7/16/99 12:15	1023.38	30.22	0.709	116.55	241.79	527.05			
7/16/99 12:30	1023.25	30.22	0.703	116.29	241.32	524.56			
7/16/99 12:45	1023.00	30.21	0.702	116.81	242.26	524.52			
7/16/99 13:00	1023.00	30.21	0.707	117.33	243.20	526.74	526.03		
7/16/99 13:15	1022.88	30.21	0.710	117.59	243.67	528.10			
7/16/99 13:30	1023.00	30.21	0.705	117.59	243.67	526.21			
7/16/99 13:45	1022.88	30.21	0.706	117.59	243.67	526.47			
7/16/99 14:00	1022.75	30.20	0.701	117.85	244.14	524.80	525.98		
7/16/99 14:15	1022.63	30.20	0.708	118.12	244.61	527.81			
7/16/99 14:30	1022.50	30.19	0.699	118.12	244.61	524.59			
7/16/99 14:45	1022.25	30.19	0.703	118.64	245.55	526.17			
7/16/99 15:00	1022.25	30.19	0.702	118.38	245.08	525.77	525.95		
7/16/99 15:15	1022.13	30.18	0.703	118.38	245.08	526.03			
7/16/99 15:30	1022.00	30.18	0.705	118.64	245.55	527.17			
7/16/99 15:45	1021.75	30.17	0.704	118.90	246.02	527.19			
7/16/99 16:00	1021.63	30.17	0.698	118.90	246.02	524.85	526.44		
7/16/99 16:15	1021.63	30.17	0.704	118.38	245.08	526.67			
7/16/99 16:30	1021.50	30.16	0.702	118.64	245.55	526.14			
7/16/99 16:45	1021.38	30.16	0.704	118.90	246.02	527.02			
7/16/99 17:00	1021.25	30.16	0.704	119.16	246.49	527.23	526.84		
7/16/99 17:15	1021.00	30.15	0.702	119.42	246.96	526.79			
7/16/99 17:30	1021.00	30.15	0.703	119.42	246.96	527.02			
7/16/99 17:45	1020.88	30.15	0.705	119.42	246.96	527.99			
7/16/99 18:00	1020.75	30.14	0.704	118.90	246.02	527.44	527.09		
7/16/99 18:15	1020.63	30.14	0.703	119.16	246.49	526.94			
7/16/99 18:30	1020.50	30.14	0.701	118.90	246.02	526.08			
7/16/99 18:45	1020.50	30.14	0.703	118.90	246.02	526.80			
7/16/99 19:00	1020.38	30.13	0.703	118.90	246.02	527.05	526.63		
7/16/99 19:15	1020.50	30.14	0.704	118.38	245.08	527.16			
7/16/99 19:30	1020.38	30.13	0.702	118.12	244.61	526.08			
7/16/99 19:45	1020.50	30.14	0.704	117.85	244.14	526.81			
7/16/99 20:00	1020.50	30.14	0.701	117.59	243.67	525.21	525.62		
7/16/99 20:15	1020.50	30.14	0.701	117.33	243.20	525.03			
7/16/99 20:30	1020.50	30.14	0.702	116.55	241.79	524.99			
7/16/99 20:45	1020.63	30.14	0.700	116.02	240.84	523.90			
7/16/99 21:00	1020.75	30.14	0.697	115.24	239.43	522.16	523.08		
7/16/99 21:15	1021.00	30.15	0.698	114.72	238.49	522.21			
7/16/99 21:30	1021.25	30.16	0.698	114.72	238.49	522.15			
7/16/99 21:45	1021.38	30.16	0.697	114.72	238.49	521.87			
7/16/99 22:00	1021.50	30.16	0.695	114.20	237.55	520.57	520.97		
7/16/99 22:15	1021.75	30.17	0.695	113.67	236.61	520.16			
7/16/99 22:30	1021.88	30.18	0.695	113.93	237.08	520.30			
7/16/99 22:45	1021.75	30.17	0.693	113.93	237.08	519.62			
7/16/99 23:00	1021.75	30.17	0.694	113.67	236.61	519.67	520.09		
7/16/99 23:15	1021.88	30.18	0.696	113.41	236.14	520.17			
7/16/99 23:30	1021.75	30.17	0.697	113.41	236.14	520.69			
7/16/99 23:45	1021.75	30.17	0.703	112.63	234.73	522.25			
7/17/99 0:00	1021.75	30.17	0.704	112.37	234.26	522.52	521.99		
7/17/99 0:15	1021.75	30.17	0.704	112.11	233.79	522.34			
7/17/99 0:30	1021.75	30.17	0.704	111.84	233.32	522.16			
7/17/99 0:45	1021.88	30.18	0.704	111.58	232.85	522.21			
7/17/99 1:00	1021.75	30.17	0.703	111.06	231.91	521.41	521.66		
7/17/99 1:15	1021.75	30.17	0.703	110.80	231.44	521.01			
7/17/99 1:30	1021.63	30.17	0.704	110.80	231.44	521.49			
7/17/99 1:45	1021.63	30.17	0.706	110.80	231.44	522.41			
7/17/99 2:00	1021.63	30.17	0.703	110.80	231.44	521.26	521.69		
7/17/99 2:15	1021.63	30.17	0.705	110.80	231.44	521.97			
7/17/99 2:30	1021.63	30.17	0.704	110.54	230.97	521.31			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/14/99 15:15	1020.13	30.12	0.758	119.94	247.90	547.86			
7/14/99 15:30	1020.00	30.12	0.757	120.21	248.37	547.86			
7/14/99 15:45	1019.88	30.12	0.754	120.47	248.84	547.17			
7/14/99 16:00	1019.88	30.12	0.751	120.47	248.84	546.01	546.97		
7/14/99 16:15	1019.75	30.11	0.753	120.73	249.31	546.89			
7/14/99 16:30	1019.63	30.11	0.753	120.99	249.78	547.12			
7/14/99 16:45	1019.50	30.11	0.752	120.73	249.31	546.54			
7/14/99 17:00	1019.38	30.10	0.749	120.99	249.78	545.59	546.87		
7/14/99 17:15	1019.25	30.10	0.754	120.99	249.78	547.70			
7/14/99 17:30	1019.25	30.10	0.753	121.25	250.25	547.41			
7/14/99 17:45	1019.25	30.10	0.751	120.99	249.78	546.53			
7/14/99 18:00	1019.25	30.10	0.750	121.25	250.25	546.28	547.09		
7/14/99 18:15	1019.25	30.10	0.754	120.73	249.31	547.52			
7/14/99 18:30	1019.25	30.10	0.755	120.73	249.31	547.73			
7/14/99 18:45	1019.13	30.09	0.756	120.21	248.37	547.62			
7/14/99 19:00	1019.13	30.09	0.763	119.68	247.43	549.97	548.96		
7/14/99 19:15	1019.13	30.09	0.763	119.16	246.49	549.60			
7/14/99 19:30	1019.25	30.10	0.764	118.90	246.02	549.85			
7/14/99 19:45	1019.25	30.10	0.763	118.64	245.55	549.20			
7/14/99 20:00	1019.38	30.10	0.763	118.38	245.08	548.99	548.93		
7/14/99 20:15	1019.38	30.10	0.762	117.85	244.14	548.19			
7/14/99 20:30	1019.50	30.11	0.764	117.33	243.20	548.43			
7/14/99 20:45	1019.50	30.11	0.762	116.55	241.79	547.24			
7/14/99 21:00	1019.38	30.10	0.758	116.02	240.84	545.54	546.40		
7/14/99 21:15	1019.50	30.11	0.758	115.50	239.90	545.14			
7/14/99 21:30	1019.63	30.11	0.761	114.98	238.96	545.64			
7/14/99 21:45	1019.75	30.11	0.760	114.72	238.49	545.20			
7/14/99 22:00	1019.88	30.12	0.757	114.20	237.55	543.69	544.38		
7/14/99 22:15	1020.00	30.12	0.758	113.93	237.08	543.69			
7/14/99 22:30	1020.13	30.12	0.758	113.87	236.61	543.69			
7/14/99 22:45	1020.00	30.12	0.756	113.93	237.08	543.22			
7/14/99 23:00	1020.25	30.13	0.752	113.67	236.61	541.43	542.19		
7/14/99 23:15	1020.38	30.13	0.751	113.41	236.14	540.96			
7/14/99 23:30	1020.38	30.13	0.753	113.41	236.14	541.64			
7/14/99 23:45	1020.38	30.13	0.751	113.41	236.14	540.96			
7/15/99 0:00	1020.38	30.13	0.750	113.41	236.14	540.53	540.58		
7/15/99 0:15	1020.38	30.13	0.749	113.15	235.67	540.13			
7/15/99 0:30	1020.38	30.13	0.748	113.15	235.67	539.86			
7/15/99 0:45	1020.50	30.14	0.749	113.15	235.67	539.84			
7/15/99 1:00	1020.63	30.14	0.749	113.15	235.67	539.81	539.59		
7/15/99 1:15	1020.63	30.14	0.749	112.63	234.73	539.70			
7/15/99 1:30	1020.75	30.14	0.747	112.89	235.20	538.95			
7/15/99 1:45	1020.63	30.14	0.749	112.63	234.73	539.45			
7/15/99 2:00	1020.63	30.14	0.745	112.63	234.73	538.11	538.70		
7/15/99 2:15	1020.63	30.14	0.746	112.63	234.73	538.33			
7/15/99 2:30	1020.50	30.14	0.747	112.37	234.26	538.65			
7/15/99 2:45	1020.50	30.14	0.746	112.37	234.26	538.39			
7/15/99 3:00	1020.38	30.13	0.747	112.37	234.26	538.88	538.17		
7/15/99 3:15	1020.38	30.13	0.743	112.37	234.26	537.31			
7/15/99 3:30	1020.38	30.13	0.745	112.11	233.79	537.81			
7/15/99 3:45	1020.38	30.13	0.744	112.37	234.26	537.78			
7/15/99 4:00	1020.38	30.13	0.744	112.37	234.26	537.78	537.83		
7/15/99 4:15	1020.38	30.13	0.745	112.11	233.79	537.81			
7/15/99 4:30	1020.50	30.14	0.746	112.11	233.79	538.00			
7/15/99 4:45	1020.75	30.14	0.743	112.11	233.79	537.03			
7/15/99 5:00	1020.88	30.15	0.746	112.11	233.79	538.11	538.35		
7/15/99 5:15	1021.00	30.15	0.752	111.58	232.85	539.77			
7/15/99 5:30	1021.25	30.18	0.751	111.06	231.91	538.87			
7/15/99 5:45	1021.38	30.18	0.753	111.06	231.91	539.51			
7/15/99 6:00	1021.50	30.18	0.754	111.06	231.91	540.18	539.96		
7/15/99 6:15	1021.75	30.17	0.756	111.06	231.91	540.53			
7/15/99 6:30	1021.75	30.17	0.756	111.06	231.91	540.74			
7/15/99 6:45	1022.00	30.18	0.759	111.06	231.91	541.57			
7/15/99 7:00	1022.25	30.19	0.754	111.06	231.91	539.96	540.81		
7/15/99 7:15	1022.25	30.19	0.757	111.06	231.91	540.88			
7/15/99 7:30	1022.38	30.19	0.756	111.58	232.85	540.94			
7/15/99 7:45	1022.50	30.19	0.758	112.11	233.79	541.96			
7/15/99 8:00	1022.63	30.20	0.755	112.37	234.26	541.00	543.25		
7/15/99 8:15	1022.63	30.20	0.785	111.58	232.85	551.08			
7/15/99 8:30	1022.63	30.20	0.754	113.41	236.14	541.26			
7/15/99 8:45	1022.63	30.20	0.749	114.20	237.55	540.26			
7/15/99 9:00	1022.50	30.19	0.747	114.72	238.49	539.76	540.77		
7/15/99 9:15	1022.63	30.20	0.753	114.98	238.96	541.93			
7/15/99 9:30	1022.75	30.20	0.748	115.78	240.37	540.64			
7/15/99 9:45	1022.63	30.20	0.748	116.02	240.84	540.85			
7/15/99 10:00	1022.63	30.20	0.751	116.55	241.79	542.33	541.33		
7/15/99 10:15	1022.50	30.19	0.749	117.07	242.73	542.04			
7/15/99 10:30	1022.63	30.20	0.744	117.59	243.67	540.81			
7/15/99 10:45	1022.50	30.19	0.753	117.85	244.14	544.18			
7/15/99 11:00	1022.50	30.19	0.755	118.12	244.61	545.05	543.81		
7/15/99 11:15	1022.50	30.19	0.755	118.38	245.08	545.23			
7/15/99 11:30	1022.50	30.19	0.750	118.90	246.02	543.78			
7/15/99 11:45	1022.50	30.19	0.749	119.16	246.49	543.49			
7/15/99 12:00	1022.50	30.19	0.753	119.42	246.96	545.05	544.57		
7/15/99 12:15	1022.38	30.19	0.752	119.68	247.43	545.05			
7/15/99 12:30	1022.38	30.19	0.753	119.68	247.43	545.48			
7/15/99 12:45	1022.38	30.19	0.753	119.94	247.90	545.45			
7/15/99 13:00	1022.25	30.19	0.754	119.94	247.90	545.91	544.50		
7/15/99 13:15	1022.00	30.18	0.753	120.21	248.37	545.95			
7/15/99 13:30	1022.13	30.18	0.738	120.47	248.84	539.71			
7/15/99 13:45	1022.00	30.18	0.706	119.68	247.43	526.32			
7/15/99 14:00	1021.88	30.18	0.703	119.42	246.96	526.79	529.66		
7/15/99 14:15	1021.88	30.18	0.706	119.42	246.96	527.95			
7/15/99 14:30	1021.88	30.18	0.700	118.90	246.02	525.50			
7/15/99 14:45	1021.75	30.17	0.701	118.38	245.08	525.41			
7/15/99 15:00	1021.75	30.17	0.704	118.90	246.02	527.19	526.23		
7/15/99 15:15	1021.63	30.17	0.703	118.90	246.02	526.51			
7/15/99 15:30	1021.50	30.18	0.703	118.90	246.02	526.54			
7/15/99 15:45	1021.63	30.17	0.705	119.16	246.49	527.62			
7/15/99 16:00	1021.63	30.17	0.705	119.16	246.49	527.62	527.45		
7/15/99 16:15	1021.50	30.16	0.705	119.42	246.96	527.83			
7/15/99 16:30	1021.38	30.16	0.704	119.42	246.96	527.63			
7/15/99 16:45	1021.38	30.16	0.706	119.16	246.49	527.91			
7/15/99 17:00	1021.25	30.18	0.709	119.16	246.49	529.10	527.67		
7/15/99 17:15	1021.13	30.15	0.704	119.16	246.49	527.52			
7/15/99 17:30	1021.25	30.16	0.702	118.84	245.55	526.20			
7/15/99 17:45	1021.13	30.15	0.704	119.16	246.49	527.52			
7/15/99 18:00	1020.88	30.15	0.708	118.64	245.55	528.39	527.33		
7/15/99 18:15	1020.75	30.14	0.704	119.16	246.49	527.62			
7/15/99 18:30	1020.88	30.15	0.703	118.90	246.02	526.92			
7/15/99 18:45	1020.75	30.14	0.704	118.84	245.55	527.01			
7/15/99 19:00	1020.88	30.15	0.707	118.38	245.08	527.99	527.04		
7/15/99 19:15	1021.00	30.15	0.704	118.38	245.08	527.03			
7/15/99 19:30	1020.88	30.15	0.703	117.85	244.14	526.22			
7/15/99 19:45	1021.00	30.15	0.703	117.85	244.14	526.19			
7/15/99 20:00	1021.00	30.15	0.702	117.59	243.67	525.57	525.84		
7/15/99 20:15	1021.13	30.15	0.703	117.33	243.20	525.81			
7/15/99 20:30	1021.13	30.15	0.703	117.07	242.73	525.41			
7/15/99 20:45	1021.25	30.16	0.703	116.55	241.79	525.02			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/13/99 9:30	1021.25	30.16	0.761	113.41	238.14	544.32			
7/13/99 9:45	1021.25	30.16	0.760	113.67	236.61	544.07			
7/13/99 10:00	1021.25	30.16	0.759	113.67	238.61	543.60	543.98		
7/13/99 10:15	1021.50	30.16	0.758	113.93	237.08	543.51			
7/13/99 10:30	1021.50	30.16	0.761	113.93	237.08	544.40			
7/13/99 10:45	1021.38	30.16	0.759	114.46	238.02	544.37			
7/13/99 11:00	1021.38	30.16	0.761	114.72	238.49	544.99	544.72		
7/13/99 11:15	1021.50	30.16	0.759	114.72	238.49	544.52			
7/13/99 11:30	1021.50	30.16	0.761	115.24	239.43	545.32			
7/13/99 11:45	1021.38	30.16	0.759	115.76	240.37	545.29			
7/13/99 12:00	1021.25	30.16	0.757	116.02	240.84	544.61	545.08		
7/13/99 12:15	1021.00	30.15	0.758	116.02	240.84	544.69			
7/13/99 12:30	1020.88	30.15	0.758	116.29	241.32	545.32			
7/13/99 12:45	1020.75	30.14	0.758	116.55	241.79	545.54			
7/13/99 13:00	1020.63	30.14	0.758	116.55	241.79	545.35	545.77		
7/13/99 13:15	1020.50	30.14	0.761	116.81	242.26	546.69			
7/13/99 13:30	1020.50	30.14	0.758	117.07	242.73	545.97			
7/13/99 13:45	1020.38	30.13	0.759	117.33	243.20	546.65			
7/13/99 14:00	1020.38	30.13	0.759	117.59	243.67	546.58	546.64		
7/13/99 14:15	1020.13	30.12	0.760	117.59	243.67	547.12			
7/13/99 14:30	1020.00	30.12	0.759	117.85	244.14	546.87			
7/13/99 14:45	1019.88	30.12	0.758	118.12	244.61	546.65			
7/13/99 15:00	1019.75	30.11	0.758	118.12	244.61	546.68	546.94		
7/13/99 15:15	1019.50	30.11	0.759	118.38	245.08	547.37			
7/13/99 15:30	1019.50	30.11	0.758	118.38	245.08	547.15			
7/13/99 15:45	1019.38	30.10	0.756	118.64	245.55	546.88			
7/13/99 16:00	1019.38	30.10	0.754	118.12	244.61	545.66	546.37		
7/13/99 16:15	1019.38	30.10	0.754	118.38	245.08	545.85			
7/13/99 16:30	1019.25	30.10	0.756	118.64	245.55	546.50			
7/13/99 16:45	1019.00	30.09	0.757	118.90	246.02	547.22			
7/13/99 17:00	1019.00	30.09	0.757	119.16	246.49	547.40	546.91		
7/13/99 17:15	1019.00	30.09	0.756	119.16	246.49	546.93			
7/13/99 17:30	1018.88	30.09	0.754	119.16	246.49	546.53			
7/13/99 17:45	1018.88	30.09	0.758	118.90	246.02	547.47			
7/13/99 18:00	1018.75	30.08	0.763	118.38	245.08	548.94	548.35		
7/13/99 18:15	1018.75	30.08	0.762	118.38	245.08	548.72			
7/13/99 18:30	1018.63	30.08	0.766	118.12	244.61	550.12			
7/13/99 18:45	1018.50	30.08	0.766	117.85	244.14	549.75			
7/13/99 19:00	1018.50	30.08	0.767	117.85	244.14	550.22	549.67		
7/13/99 19:15	1018.50	30.08	0.765	117.59	243.67	549.35			
7/13/99 19:30	1018.63	30.08	0.764	117.33	243.20	548.92			
7/13/99 19:45	1018.63	30.08	0.764	116.81	242.26	548.30			
7/13/99 20:00	1018.63	30.08	0.766	116.81	242.26	549.20	548.93		
7/13/99 20:15	1018.75	30.08	0.768	116.55	241.79	549.45			
7/13/99 20:30	1018.75	30.08	0.766	116.29	241.32	548.80			
7/13/99 20:45	1018.75	30.08	0.766	116.02	240.84	548.40			
7/13/99 21:00	1018.75	30.08	0.765	115.50	239.90	547.82	547.72		
7/13/99 21:15	1018.75	30.08	0.766	114.98	238.96	547.88			
7/13/99 21:30	1018.75	30.08	0.761	114.46	238.02	545.72			
7/13/99 21:45	1018.75	30.08	0.760	113.93	237.08	544.92			
7/13/99 22:00	1018.88	30.09	0.762	113.93	237.08	545.57	544.66		
7/13/99 22:15	1019.00	30.09	0.758	113.67	236.61	543.77			
7/13/99 22:30	1019.00	30.09	0.756	113.67	236.61	543.31			
7/13/99 22:45	1019.13	30.09	0.758	113.15	235.67	543.59			
7/13/99 23:00	1019.25	30.10	0.757	113.41	236.14	543.31	543.02		
7/13/99 23:15	1019.25	30.10	0.755	113.41	236.14	542.63			
7/13/99 23:30	1019.13	30.09	0.754	113.15	235.67	542.26			
7/13/99 23:45	1019.25	30.10	0.754	113.15	235.67	542.23			
7/14/99 0:00	1019.25	30.10	0.753	112.89	235.20	541.58	541.88		
7/14/99 0:15	1019.25	30.10	0.754	112.63	234.73	541.86			
7/14/99 0:30	1019.38	30.10	0.753	112.63	234.73	541.38			
7/14/99 0:45	1019.50	30.11	0.753	112.63	234.73	541.11			
7/14/99 1:00	1019.50	30.11	0.753	112.63	234.73	541.11	541.27		
7/14/99 1:15	1019.50	30.11	0.753	112.37	234.26	541.14			
7/14/99 1:30	1019.50	30.11	0.754	112.37	234.26	541.61			
7/14/99 1:45	1019.50	30.11	0.753	112.37	234.26	540.93			
7/14/99 2:00	1019.50	30.11	0.752	112.11	233.79	540.53	540.64		
7/14/99 2:15	1019.50	30.11	0.753	112.11	233.79	540.74			
7/14/99 2:30	1019.50	30.11	0.749	112.11	233.79	539.38			
7/14/99 2:45	1019.50	30.11	0.751	112.11	233.79	540.28			
7/14/99 3:00	1019.50	30.11	0.751	112.11	233.79	540.06	539.84		
7/14/99 3:15	1019.50	30.11	0.751	112.11	233.79	540.28			
7/14/99 3:30	1019.50	30.11	0.749	111.84	233.32	539.19			
7/14/99 3:45	1019.50	30.11	0.752	111.84	233.32	540.35			
7/14/99 4:00	1019.38	30.10	0.750	111.84	233.32	539.70	540.50		
7/14/99 4:15	1019.63	30.11	0.755	111.32	232.38	541.06			
7/14/99 4:30	1019.63	30.11	0.759	111.06	231.91	542.20			
7/14/99 4:45	1019.63	30.11	0.756	110.80	231.44	541.58			
7/14/99 5:00	1019.63	30.11	0.760	110.80	231.44	542.48	542.07		
7/14/99 5:15	1019.50	30.11	0.761	110.80	231.44	542.72			
7/14/99 5:30	1019.63	30.11	0.757	110.80	231.44	541.37			
7/14/99 5:45	1019.75	30.11	0.760	110.54	230.97	542.26			
7/14/99 6:00	1020.00	30.12	0.761	110.54	230.97	542.82	542.32		
7/14/99 6:15	1020.00	30.12	0.761	110.80	231.44	542.59			
7/14/99 6:30	1020.25	30.13	0.761	110.80	231.44	542.74			
7/14/99 6:45	1020.25	30.13	0.763	110.54	230.97	543.23			
7/14/99 7:00	1020.38	30.13	0.759	110.80	231.44	542.06	542.42		
7/14/99 7:15	1020.38	30.13	0.759	110.80	231.44	542.06			
7/14/99 7:30	1020.38	30.13	0.759	111.06	231.91	542.00			
7/14/99 7:45	1020.50	30.14	0.758	111.56	232.85	541.90			
7/14/99 8:00	1020.50	30.14	0.757	112.11	233.79	542.06	542.27		
7/14/99 8:15	1020.75	30.14	0.755	112.89	235.20	541.86			
7/14/99 8:30	1020.88	30.15	0.759	113.41	236.14	543.52			
7/14/99 8:45	1021.13	30.15	0.759	113.87	236.61	543.64			
7/14/99 9:00	1021.38	30.16	0.759	113.93	237.08	543.75	543.55		
7/14/99 9:15	1021.38	30.16	0.756	114.20	237.55	543.04			
7/14/99 9:30	1021.63	30.17	0.758	114.72	238.49	543.81			
7/14/99 9:45	1021.63	30.17	0.758	115.24	239.43	544.17			
7/14/99 10:00	1021.50	30.16	0.755	115.50	239.90	543.49	543.80		
7/14/99 10:15	1021.38	30.16	0.755	116.02	240.84	543.89			
7/14/99 10:30	1021.25	30.16	0.754	116.29	241.32	543.64			
7/14/99 10:45	1021.25	30.16	0.754	116.55	241.79	544.07			
7/14/99 11:00	1021.25	30.16	0.756	116.81	242.26	544.90	544.88		
7/14/99 11:15	1021.25	30.16	0.759	117.07	242.73	546.24			
7/14/99 11:30	1021.13	30.15	0.757	117.33	243.20	545.55			
7/14/99 11:45	1021.25	30.16	0.757	117.33	243.20	545.52			
7/14/99 12:00	1021.25	30.16	0.756	117.59	243.67	546.13	545.74		
7/14/99 12:15	1021.25	30.16	0.756	117.85	244.14	545.83			
7/14/99 12:30	1021.25	30.16	0.757	117.85	244.14	545.88			
7/14/99 12:45	1021.13	30.15	0.756	118.12	244.61	545.85			
7/14/99 13:00	1021.00	30.15	0.757	118.38	245.08	546.32	545.99		
7/14/99 13:15	1020.88	30.15	0.753	118.64	245.55	545.16			
7/14/99 13:30	1020.88	30.15	0.758	118.64	245.55	546.75			
7/14/99 13:45	1020.75	30.14	0.758	119.16	246.49	547.15			
7/14/99 14:00	1020.75	30.14	0.756	119.16	246.49	547.15	547.07		
7/14/99 14:15	1020.63	30.14	0.756	119.16	246.49	546.71			
7/14/99 14:30	1020.50	30.14	0.758	119.42	246.96	547.61			
7/14/99 14:45	1020.38	30.13	0.756	119.68	247.43	547.14			
7/14/99 15:00	1020.25	30.13	0.754	119.88	247.43	546.27	547.35		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/12/99 3:45	1021.50	30.16	0.756	112.11	233.79	541.33			
7/12/99 4:00	1021.38	30.16	0.755	111.84	233.32	540.96	541.09		
7/12/99 4:15	1021.38	30.16	0.756	111.84	233.32	541.18			
7/12/99 4:30	1021.50	30.16	0.752	111.84	233.32	539.82			
7/12/99 4:45	1021.38	30.16	0.755	111.32	232.38	540.59			
7/12/99 5:00	1021.38	30.16	0.755	111.32	232.38	540.59	540.37		
7/12/99 5:15	1021.25	30.16	0.754	111.32	232.38	540.41			
7/12/99 5:30	1021.25	30.16	0.754	111.32	232.38	540.41			
7/12/99 5:45	1021.25	30.16	0.754	111.32	232.38	540.18			
7/12/99 6:00	1021.13	30.15	0.752	111.32	232.38	539.55	540.39		
7/12/99 6:15	1021.25	30.16	0.753	111.08	231.91	539.78			
7/12/99 6:30	1021.25	30.16	0.760	110.80	231.44	542.05			
7/12/99 6:45	1021.25	30.16	0.763	110.54	230.97	542.97			
7/12/99 7:00	1021.25	30.16	0.764	110.54	230.97	543.18	543.05		
7/12/99 7:15	1021.13	30.15	0.764	110.54	230.97	543.21			
7/12/99 7:30	1021.25	30.16	0.766	110.54	230.97	543.65			
7/12/99 7:45	1021.25	30.16	0.762	110.80	231.44	542.72			
7/12/99 8:00	1021.25	30.16	0.765	111.08	231.91	544.01	543.70		
7/12/99 8:15	1021.25	30.16	0.764	111.32	232.38	543.73			
7/12/99 8:30	1021.38	30.16	0.765	111.32	232.38	544.16			
7/12/99 8:45	1021.38	30.16	0.796	110.28	230.50	554.39			
7/12/99 9:00	1021.25	30.16	0.766	111.84	233.32	544.99	546.84		
7/12/99 9:15	1021.25	30.16	0.765	112.37	234.26	544.93			
7/12/99 9:30	1021.38	30.16	0.766	112.89	235.20	545.70			
7/12/99 9:45	1021.25	30.16	0.764	113.41	236.14	545.46			
7/12/99 10:00	1021.13	30.15	0.762	113.87	236.61	544.78	545.14		
7/12/99 10:15	1021.25	30.16	0.762	114.20	237.55	545.12			
7/12/99 10:30	1021.13	30.15	0.760	114.46	238.02	544.65			
7/12/99 10:45	1021.13	30.15	0.760	114.72	238.49	544.84			
7/12/99 11:00	1021.00	30.15	0.760	114.98	238.96	545.05	544.97		
7/12/99 11:15	1021.00	30.15	0.759	115.50	239.90	545.21			
7/12/99 11:30	1021.13	30.15	0.759	115.76	240.37	545.10			
7/12/99 11:45	1021.13	30.15	0.762	116.02	240.84	546.44			
7/12/99 12:00	1021.13	30.15	0.761	116.02	240.84	545.97	546.15		
7/12/99 12:15	1021.00	30.15	0.761	116.55	241.79	546.37			
7/12/99 12:30	1020.88	30.15	0.762	116.55	241.79	546.87			
7/12/99 12:45	1020.75	30.14	0.761	116.81	242.26	546.62			
7/12/99 13:00	1020.63	30.14	0.762	117.33	243.20	547.49	547.34		
7/12/99 13:15	1020.50	30.14	0.764	117.33	243.20	548.17			
7/12/99 13:30	1020.38	30.13	0.762	117.33	243.20	547.55			
7/12/99 13:45	1020.25	30.13	0.763	117.59	243.67	548.20			
7/12/99 14:00	1020.25	30.13	0.760	117.59	243.67	547.09	547.50		
7/12/99 14:15	1020.13	30.12	0.761	117.85	244.14	547.52			
7/12/99 14:30	1020.00	30.12	0.759	117.85	244.14	547.12			
7/12/99 14:45	1020.13	30.12	0.761	117.85	244.14	547.73			
7/12/99 15:00	1020.00	30.12	0.761	118.12	244.61	547.73	547.57		
7/12/99 15:15	1019.88	30.12	0.761	118.38	245.08	548.17			
7/12/99 15:30	1019.88	30.12	0.759	118.12	244.61	547.08			
7/12/99 15:45	1019.75	30.11	0.761	118.38	245.08	547.98			
7/12/99 16:00	1019.75	30.11	0.760	118.12	244.61	547.59	547.71		
7/12/99 16:15	1019.63	30.11	0.760	118.12	244.61	547.62			
7/12/99 16:30	1019.63	30.11	0.762	118.12	244.61	548.30			
7/12/99 16:45	1019.50	30.11	0.758	118.38	245.08	546.93			
7/12/99 17:00	1019.38	30.10	0.757	118.38	245.08	546.75	547.18		
7/12/99 17:15	1019.38	30.10	0.758	118.38	245.08	546.97			
7/12/99 17:30	1019.25	30.10	0.757	118.64	245.55	546.97			
7/12/99 17:45	1019.13	30.09	0.759	118.90	246.02	548.08			
7/12/99 18:00	1019.13	30.09	0.758	118.90	246.02	546.93	547.12		
7/12/99 18:15	1019.13	30.09	0.758	118.64	245.55	547.43			
7/12/99 18:30	1018.88	30.09	0.755	118.38	245.08	546.20			
7/12/99 18:45	1018.75	30.08	0.757	118.12	244.61	546.74			
7/12/99 19:00	1018.75	30.08	0.759	118.12	244.61	547.64	547.84		
7/12/99 19:15	1018.63	30.08	0.766	117.59	243.67	549.75			
7/12/99 19:30	1018.75	30.08	0.764	117.33	243.20	548.89			
7/12/99 19:45	1018.88	30.09	0.766	117.33	243.20	549.28			
7/12/99 20:00	1018.88	30.09	0.767	117.07	242.73	549.57	549.49		
7/12/99 20:15	1018.88	30.09	0.767	116.81	242.26	549.38			
7/12/99 20:30	1018.88	30.09	0.770	116.55	241.79	550.31			
7/12/99 20:45	1018.75	30.08	0.768	116.55	241.79	549.45			
7/12/99 21:00	1018.75	30.08	0.771	116.02	240.84	550.19	549.37		
7/12/99 21:15	1018.75	30.08	0.766	116.02	240.84	548.40			
7/12/99 21:30	1018.88	30.09	0.768	115.24	239.43	548.49			
7/12/99 21:45	1018.88	30.09	0.769	115.24	239.43	549.17			
7/12/99 22:00	1019.00	30.09	0.766	114.72	238.49	547.63	546.09		
7/12/99 22:15	1019.13	30.09	0.765	114.72	238.49	547.16			
7/12/99 22:30	1019.25	30.10	0.767	114.98	238.96	547.99			
7/12/99 22:45	1019.38	30.10	0.765	114.98	238.96	547.28			
7/12/99 23:00	1019.50	30.11	0.763	114.46	238.02	545.96	546.01		
7/12/99 23:15	1019.75	30.11	0.759	114.20	237.55	544.62			
7/12/99 23:30	1019.75	30.11	0.759	113.93	237.08	544.19			
7/12/99 23:45	1019.88	30.12	0.760	113.93	237.08	544.62			
7/13/99 0:00	1019.88	30.12	0.757	113.41	236.14	543.14	543.64		
7/13/99 0:15	1020.13	30.12	0.756	113.15	235.67	542.64			
7/13/99 0:30	1020.25	30.13	0.758	113.93	237.08	543.62			
7/13/99 0:45	1020.25	30.13	0.759	113.41	236.14	543.69			
7/13/99 1:00	1020.38	30.13	0.758	112.89	235.20	543.07	543.37		
7/13/99 1:15	1020.38	30.13	0.758	113.41	236.14	543.22			
7/13/99 1:30	1020.38	30.13	0.758	113.15	235.67	543.25			
7/13/99 1:45	1020.50	30.14	0.758	113.15	235.67	543.01			
7/13/99 2:00	1020.50	30.14	0.756	112.89	235.20	542.36	542.72		
7/13/99 2:15	1020.38	30.13	0.758	112.63	234.73	542.87			
7/13/99 2:30	1020.25	30.13	0.757	112.37	234.26	542.31			
7/13/99 2:45	1020.13	30.12	0.756	112.37	234.26	542.09			
7/13/99 3:00	1020.25	30.13	0.754	112.37	234.26	541.41	541.66		
7/13/99 3:15	1020.25	30.13	0.754	112.11	233.79	541.23			
7/13/99 3:30	1020.13	30.12	0.754	112.11	233.79	541.26			
7/13/99 3:45	1020.13	30.12	0.753	112.11	233.79	540.79			
7/13/99 4:00	1020.00	30.12	0.754	111.84	233.32	540.86	540.78		
7/13/99 4:15	1020.13	30.12	0.753	111.84	233.32	540.40			
7/13/99 4:30	1020.13	30.12	0.753	111.84	233.32	540.61			
7/13/99 4:45	1020.13	30.12	0.760	111.32	232.38	542.71			
7/13/99 5:00	1020.25	30.13	0.763	110.80	231.44	543.20	542.98		
7/13/99 5:15	1020.25	30.13	0.765	110.60	231.44	544.09			
7/13/99 5:30	1020.38	30.13	0.766	110.80	231.44	544.27			
7/13/99 5:45	1020.38	30.13	0.763	110.54	230.97	543.20			
7/13/99 6:00	1020.38	30.13	0.764	110.54	230.97	543.41	543.28		
7/13/99 6:15	1020.50	30.14	0.764	110.28	230.50	543.19			
7/13/99 6:30	1020.63	30.14	0.762	110.02	230.03	542.33			
7/13/99 6:45	1020.63	30.14	0.764	110.02	230.03	543.22			
7/13/99 7:00	1020.88	30.15	0.764	110.02	230.03	542.91	543.16		
7/13/99 7:15	1020.75	30.14	0.765	110.02	230.03	543.40			
7/13/99 7:30	1021.00	30.15	0.766	110.28	230.50	543.95			
7/13/99 7:45	1021.00	30.15	0.766	110.60	231.44	544.32			
7/13/99 8:00	1021.00	30.15	0.766	111.08	231.91	544.50	544.09		
7/13/99 8:15	1021.00	30.15	0.761	111.84	233.32	543.06			
7/13/99 8:30	1021.00	30.15	0.764	112.11	233.79	544.60			
7/13/99 8:45	1021.13	30.15	0.761	112.37	234.26	543.61			
7/13/99 9:00	1021.13	30.15	0.759	112.63	234.73	542.90	543.83		
7/13/99 9:15	1021.25	30.16	0.761	112.89	235.20	543.73			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/10/99 22:00	1021.13	30.15	0.759	113.67	236.61	543.89	544.02		
7/10/99 22:15	1021.13	30.15	0.761	113.15	235.67	543.95			
7/10/99 22:30	1021.50	30.16	0.759	112.63	234.73	542.60			
7/10/99 22:45	1021.75	30.17	0.758	112.37	234.26	542.34			
7/10/99 23:00	1022.00	30.18	0.756	112.11	233.79	541.87	542.17		
7/10/99 23:15	1022.00	30.18	0.759	111.84	233.32	542.12			
7/10/99 23:30	1022.13	30.18	0.759	111.32	232.38	541.72			
7/10/99 23:45	1022.25	30.19	0.766	111.06	231.91	544.84			
7/11/99 0:00	1022.25	30.19	0.768	110.80	231.44	544.45	544.26		
7/11/99 0:15	1022.25	30.19	0.770	110.54	230.97	545.15			
7/11/99 0:30	1022.25	30.19	0.770	110.54	230.97	545.15			
7/11/99 0:45	1022.25	30.19	0.769	110.54	230.97	544.93			
7/11/99 1:00	1022.38	30.19	0.771	110.26	230.50	545.14	544.93		
7/11/99 1:15	1022.38	30.19	0.769	110.02	230.03	544.28			
7/11/99 1:30	1022.38	30.19	0.771	110.02	230.03	545.17			
7/11/99 1:45	1022.50	30.19	0.769	110.02	230.03	544.25			
7/11/99 2:00	1022.50	30.19	0.769	109.75	229.56	544.06	544.19		
7/11/99 2:15	1022.63	30.20	0.768	109.49	229.09	543.63			
7/11/99 2:30	1022.75	30.20	0.769	109.49	229.09	543.81			
7/11/99 2:45	1022.63	30.20	0.764	109.49	229.09	542.32			
7/11/99 3:00	1022.75	30.20	0.764	109.49	229.09	542.29	542.29		
7/11/99 3:15	1022.63	30.20	0.761	109.49	229.09	541.19			
7/11/99 3:30	1022.63	30.20	0.763	109.49	229.09	541.86			
7/11/99 3:45	1022.75	30.20	0.763	109.49	229.09	541.63			
7/11/99 4:00	1022.75	30.20	0.762	109.49	229.09	541.40	541.69		
7/11/99 4:15	1022.75	30.20	0.763	109.75	229.56	541.80			
7/11/99 4:30	1022.75	30.20	0.762	109.75	229.56	541.59			
7/11/99 4:45	1022.75	30.20	0.763	109.75	229.56	541.80			
7/11/99 5:00	1022.88	30.21	0.761	109.49	229.09	541.12	540.93		
7/11/99 5:15	1023.00	30.21	0.759	109.49	229.09	540.20			
7/11/99 5:30	1023.13	30.21	0.756	109.49	229.09	539.95			
7/11/99 5:45	1023.25	30.22	0.757	109.23	228.62	539.31			
7/11/99 6:00	1023.38	30.22	0.761	109.23	228.62	540.80	539.83		
7/11/99 6:15	1023.50	30.22	0.760	109.23	228.62	540.34			
7/11/99 6:30	1023.63	30.23	0.756	109.23	228.62	538.74			
7/11/99 6:45	1023.75	30.23	0.756	109.23	228.62	538.71			
7/11/99 7:00	1024.00	30.24	0.759	109.23	228.62	540.00	539.38		
7/11/99 7:15	1024.00	30.24	0.759	109.49	229.09	539.93			
7/11/99 7:30	1024.00	30.24	0.758	109.49	229.09	539.51			
7/11/99 7:45	1024.13	30.24	0.757	110.02	230.03	539.63			
7/11/99 8:00	1024.13	30.24	0.757	110.54	230.97	540.00	540.13		
7/11/99 8:15	1024.25	30.25	0.759	110.80	231.44	540.79			
7/11/99 8:30	1024.25	30.25	0.758	111.32	232.38	540.73			
7/11/99 8:45	1024.25	30.25	0.761	111.84	233.32	542.20			
7/11/99 9:00	1024.50	30.25	0.766	111.84	233.32	544.13	543.47		
7/11/99 9:15	1024.63	30.26	0.767	112.11	233.79	544.53			
7/11/99 9:30	1024.88	30.26	0.771	112.11	233.79	545.77			
7/11/99 9:45	1024.88	30.26	0.771	112.37	234.26	545.96			
7/11/99 10:00	1024.88	30.26	0.773	112.63	234.73	547.03	546.38		
7/11/99 10:15	1024.75	30.26	0.771	112.89	235.20	546.36			
7/11/99 10:30	1024.63	30.26	0.771	113.15	235.67	546.79			
7/11/99 10:45	1024.63	30.26	0.772	113.15	235.67	547.04			
7/11/99 11:00	1024.63	30.26	0.772	113.87	236.61	547.41	547.63		
7/11/99 11:15	1024.63	30.26	0.774	113.67	236.61	548.05			
7/11/99 11:30	1024.75	30.26	0.776	113.93	237.08	548.67			
7/11/99 11:45	1024.75	30.26	0.774	114.46	238.02	548.82			
7/11/99 12:00	1024.63	30.26	0.773	114.46	238.02	548.39	548.71		
7/11/99 12:15	1024.63	30.26	0.774	114.72	238.49	549.03			
7/11/99 12:30	1024.38	30.25	0.773	114.72	238.49	548.43			
7/11/99 12:45	1024.38	30.25	0.771	114.98	238.96	547.94			
7/11/99 13:00	1024.13	30.24	0.764	114.98	238.96	545.79	547.49		
7/11/99 13:15	1024.13	30.24	0.769	115.24	239.43	547.76			
7/11/99 13:30	1024.00	30.24	0.769	115.24	239.43	547.55			
7/11/99 13:45	1023.88	30.23	0.769	115.76	240.37	547.95			
7/11/99 14:00	1023.75	30.23	0.768	116.02	240.84	547.96	547.78		
7/11/99 14:15	1023.63	30.23	0.766	116.29	241.32	547.27			
7/11/99 14:30	1023.50	30.22	0.768	116.55	241.79	548.17			
7/11/99 14:45	1023.50	30.22	0.767	116.55	241.79	547.96			
7/11/99 15:00	1023.38	30.22	0.768	116.29	241.32	548.02	547.74		
7/11/99 15:15	1023.25	30.22	0.765	116.29	241.32	547.16			
7/11/99 15:30	1023.13	30.21	0.765	116.55	241.79	547.36			
7/11/99 15:45	1023.00	30.21	0.764	116.81	242.26	547.13			
7/11/99 16:00	1022.75	30.20	0.766	116.81	242.26	547.88	547.73		
7/11/99 16:15	1022.63	30.20	0.766	117.07	242.73	548.09			
7/11/99 16:30	1022.38	30.19	0.766	117.07	242.73	548.16			
7/11/99 16:45	1022.25	30.19	0.761	117.07	242.73	546.62			
7/11/99 17:00	1022.25	30.19	0.767	117.07	242.73	546.66	547.58		
7/11/99 17:15	1022.13	30.18	0.763	117.07	242.73	547.33			
7/11/99 17:30	1022.13	30.18	0.763	116.81	242.26	547.15			
7/11/99 17:45	1022.00	30.18	0.763	117.07	242.73	547.36			
7/11/99 18:00	1022.00	30.18	0.764	117.07	242.73	547.58	547.13		
7/11/99 18:15	1021.88	30.18	0.761	116.81	242.26	546.32			
7/11/99 18:30	1021.75	30.17	0.763	116.81	242.26	547.25			
7/11/99 18:45	1021.75	30.17	0.763	116.55	241.79	546.85			
7/11/99 19:00	1021.63	30.17	0.759	116.55	241.79	545.52	546.19		
7/11/99 19:15	1021.63	30.17	0.761	116.29	241.32	546.02			
7/11/99 19:30	1021.63	30.17	0.759	116.29	241.32	545.34			
7/11/99 19:45	1021.63	30.17	0.759	116.29	241.32	545.34			
7/11/99 20:00	1021.50	30.16	0.760	116.02	240.84	545.65	545.28		
7/11/99 20:15	1021.63	30.17	0.758	116.02	240.84	544.94			
7/11/99 20:30	1021.63	30.17	0.759	116.02	240.84	545.15			
7/11/99 20:45	1021.63	30.17	0.760	115.50	239.90	545.25			
7/11/99 21:00	1021.63	30.17	0.758	115.24	239.43	544.39	545.04		
7/11/99 21:15	1021.63	30.17	0.760	114.72	238.49	544.70			
7/11/99 21:30	1021.75	30.17	0.765	113.67	236.61	545.72			
7/11/99 21:45	1021.75	30.17	0.767	112.89	235.20	545.85			
7/11/99 22:00	1021.75	30.17	0.768	112.37	234.26	545.69	545.66		
7/11/99 22:15	1022.00	30.18	0.768	112.37	234.26	545.84			
7/11/99 22:30	1022.00	30.18	0.767	112.11	233.79	545.23			
7/11/99 22:45	1022.25	30.19	0.768	112.11	233.79	545.37			
7/11/99 23:00	1022.25	30.19	0.767	112.11	233.79	545.16	545.11		
7/11/99 23:15	1022.13	30.18	0.765	111.84	233.32	544.33			
7/11/99 23:30	1022.13	30.18	0.769	111.58	232.85	545.46			
7/11/99 23:45	1022.00	30.18	0.768	111.32	232.38	545.10			
7/12/99 0:00	1022.00	30.18	0.767	111.32	232.38	544.67	544.58		
7/12/99 0:15	1021.88	30.18	0.764	111.58	232.85	543.75			
7/12/99 0:30	1021.88	30.18	0.763	112.11	233.79	543.91			
7/12/99 0:45	1021.88	30.18	0.763	112.11	233.79	543.91			
7/12/99 1:00	1021.75	30.17	0.764	112.37	234.26	544.34	543.63		
7/12/99 1:15	1021.75	30.17	0.759	112.37	234.26	542.80			
7/12/99 1:30	1021.88	30.18	0.761	112.37	234.26	543.20			
7/12/99 1:45	1021.88	30.18	0.759	112.37	234.26	542.52			
7/12/99 2:00	1021.75	30.17	0.758	112.37	234.26	542.34	542.42		
7/12/99 2:15	1021.88	30.18	0.758	112.37	234.26	542.09			
7/12/99 2:30	1021.75	30.17	0.758	112.11	233.79	541.94			
7/12/99 2:45	1021.75	30.17	0.759	112.11	233.79	542.37			
7/12/99 3:00	1021.63	30.17	0.755	112.11	233.79	541.06	541.87		
7/12/99 3:15	1021.63	30.17	0.757	112.11	233.79	541.76			
7/12/99 3:30	1021.63	30.17	0.758	112.11	233.79	542.19			

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Date Time	Bar Press millibar	Bar Press "Hg	Orf Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/9/99 16:15	1012.75	29.91	0.767	119.94	247.90	553.25			
7/9/99 16:30	1012.50	29.90	0.768	119.94	247.90	553.75			
7/9/99 16:45	1012.50	29.90	0.769	119.94	247.90	553.97			
7/9/99 17:00	1012.38	29.90	0.766	119.94	247.90	552.88	553.40		
7/9/99 17:15	1012.25	29.89	0.768	119.94	247.90	553.60			
7/9/99 17:30	1011.88	29.88	0.765	119.94	247.90	552.80			
7/9/99 17:45	1011.50	29.87	0.764	119.68	247.43	552.25			
7/9/99 18:00	1011.00	29.85	0.764	119.94	247.90	552.57	552.45		
7/9/99 18:15	1010.63	29.84	0.764	119.68	247.43	552.75			
7/9/99 18:30	1010.50	29.84	0.762	119.68	247.43	551.87			
7/9/99 18:45	1010.25	29.83	0.764	119.42	246.96	552.66			
7/9/99 19:00	1010.00	29.83	0.761	119.42	246.96	551.57	551.91		
7/9/99 19:15	1011.00	29.85	0.762	119.16	246.49	551.37			
7/9/99 19:30	1011.75	29.88	0.764	119.16	246.49	552.07			
7/9/99 19:45	1012.00	29.88	0.764	118.90	246.02	551.82			
7/9/99 20:00	1012.86	29.91	0.763	117.59	243.67	550.19	549.92		
7/9/99 20:15	1012.88	29.91	0.761	116.55	241.79	548.56			
7/9/99 20:30	1012.75	29.91	0.758	115.50	239.90	546.95			
7/9/99 20:45	1013.13	29.92	0.757	115.24	239.43	546.23			
7/9/99 21:00	1013.50	29.93	0.757	114.98	238.96	545.95	546.14		
7/9/99 21:15	1013.75	29.94	0.757	114.72	238.49	545.70			
7/9/99 21:30	1014.13	29.95	0.758	114.46	238.02	545.85			
7/9/99 21:45	1014.13	29.95	0.757	113.93	237.08	545.05			
7/9/99 22:00	1014.38	29.95	0.756	113.93	237.08	544.73	544.84		
7/9/99 22:15	1014.50	29.96	0.754	113.67	236.61	543.88			
7/9/99 22:30	1014.63	29.96	0.757	113.67	236.61	544.73			
7/9/99 22:45	1014.63	29.96	0.758	113.67	236.61	544.94			
7/9/99 23:00	1014.63	29.96	0.764	112.89	235.20	546.87	546.28		
7/9/99 23:15	1014.63	29.96	0.767	112.37	234.26	547.39			
7/9/99 23:30	1014.38	29.95	0.767	112.37	234.26	547.46			
7/9/99 23:45	1014.63	29.96	0.768	112.63	234.73	548.00			
7/10/99 0:00	1014.75	29.97	0.766	112.37	234.26	547.78	547.90		
7/10/99 0:15	1014.75	29.97	0.771	112.37	234.26	548.67			
7/10/99 0:30	1014.63	29.96	0.766	112.37	234.26	547.60			
7/10/99 0:45	1014.50	29.96	0.768	112.37	234.26	547.85			
7/10/99 1:00	1014.63	29.96	0.770	112.63	234.73	548.68	547.96		
7/10/99 1:15	1014.50	29.96	0.766	113.15	235.67	547.73			
7/10/99 1:30	1014.13	29.95	0.768	112.37	234.26	547.95			
7/10/99 1:45	1014.13	29.95	0.766	112.37	234.26	547.27			
7/10/99 2:00	1014.00	29.94	0.766	112.37	234.26	547.77	547.43		
7/10/99 2:15	1013.88	29.94	0.767	112.37	234.26	547.59			
7/10/99 2:30	1014.13	29.95	0.764	112.63	234.73	546.57			
7/10/99 2:45	1014.38	29.95	0.764	113.41	236.14	547.05			
7/10/99 3:00	1014.00	29.94	0.762	113.67	236.61	546.69	546.57		
7/10/99 3:15	1014.13	29.95	0.761	113.41	236.14	546.22			
7/10/99 3:30	1014.13	29.95	0.762	113.15	235.67	546.29			
7/10/99 3:45	1014.00	29.94	0.760	113.15	235.67	545.64			
7/10/99 4:00	1013.88	29.94	0.758	113.41	236.14	545.18	545.64		
7/10/99 4:15	1013.75	29.94	0.759	113.41	236.14	545.43			
7/10/99 4:30	1013.75	29.94	0.759	113.41	236.14	545.68			
7/10/99 4:45	1013.75	29.94	0.758	113.41	236.14	545.21			
7/10/99 5:00	1013.63	29.93	0.759	113.41	236.14	545.71	545.67		
7/10/99 5:15	1013.50	29.93	0.761	113.93	237.08	546.76			
7/10/99 5:30	1013.38	29.92	0.756	113.93	237.08	545.00			
7/10/99 5:45	1013.38	29.92	0.760	113.93	237.08	546.36			
7/10/99 6:00	1013.63	29.93	0.758	113.67	236.61	544.75	545.22		
7/10/99 6:15	1013.88	29.94	0.759	113.67	236.61	545.58			
7/10/99 6:30	1014.13	29.95	0.756	113.67	236.61	544.39			
7/10/99 6:45	1014.38	29.95	0.756	113.15	235.67	543.96			
7/10/99 7:00	1014.50	29.96	0.758	113.67	236.61	544.98	544.67		
7/10/99 7:15	1014.63	29.96	0.758	113.67	236.61	544.94			
7/10/99 7:30	1014.75	29.97	0.758	113.93	237.08	545.09			
7/10/99 7:45	1015.00	29.97	0.759	113.41	236.14	545.34			
7/10/99 8:00	1015.25	29.98	0.758	113.93	237.08	544.96	545.04		
7/10/99 8:15	1015.38	29.98	0.758	113.93	237.08	544.93			
7/10/99 8:30	1015.50	29.99	0.757	114.20	237.55	544.88			
7/10/99 8:45	1015.63	29.99	0.757	114.46	238.02	545.01			
7/10/99 9:00	1016.00	30.00	0.757	114.20	237.55	544.73	545.08		
7/10/99 9:15	1016.25	30.01	0.759	114.46	238.02	545.74			
7/10/99 9:30	1016.38	30.01	0.758	114.20	237.55	545.06			
7/10/99 9:45	1016.50	30.02	0.758	113.93	237.08	544.84			
7/10/99 10:00	1016.63	30.02	0.758	114.20	237.55	544.99	545.15		
7/10/99 10:15	1016.75	30.02	0.759	114.72	238.49	545.54			
7/10/99 10:30	1016.75	30.02	0.758	114.72	238.49	545.33			
7/10/99 10:45	1016.88	30.03	0.756	114.98	238.96	544.57			
7/10/99 11:00	1016.88	30.03	0.758	114.98	238.96	545.26	545.85		
7/10/99 11:15	1017.00	30.03	0.761	114.72	238.49	548.37			
7/10/99 11:30	1017.13	30.04	0.765	114.72	238.49	547.70			
7/10/99 11:45	1017.38	30.04	0.769	114.72	238.49	548.96			
7/10/99 12:00	1017.50	30.05	0.769	114.72	238.49	549.17	548.81		
7/10/99 12:15	1017.50	30.05	0.769	114.72	238.49	549.17			
7/10/99 12:30	1017.63	30.05	0.769	114.98	238.96	549.07			
7/10/99 12:45	1017.75	30.05	0.769	114.98	238.96	549.29			
7/10/99 13:00	1017.75	30.05	0.771	114.98	238.96	549.72	549.40		
7/10/99 13:15	1017.75	30.05	0.769	114.98	238.96	549.04			
7/10/99 13:30	1017.88	30.06	0.771	115.24	239.43	549.87			
7/10/99 13:45	1017.88	30.06	0.773	115.24	239.43	550.76			
7/10/99 14:00	1017.88	30.06	0.769	115.24	239.43	549.44	550.18		
7/10/99 14:15	1018.00	30.06	0.773	115.24	239.43	550.51			
7/10/99 14:30	1018.00	30.06	0.773	114.98	238.96	550.33			
7/10/99 14:45	1018.13	30.07	0.771	114.98	238.96	549.83			
7/10/99 15:00	1018.13	30.07	0.771	114.98	238.96	549.62	549.76		
7/10/99 15:15	1018.13	30.07	0.770	114.98	238.96	549.40			
7/10/99 15:30	1018.13	30.07	0.771	114.98	238.96	549.82			
7/10/99 15:45	1018.00	30.06	0.768	115.24	239.43	548.73			
7/10/99 16:00	1018.00	30.06	0.766	115.24	239.43	548.26	548.94		
7/10/99 16:15	1018.00	30.06	0.767	115.76	240.37	548.88			
7/10/99 16:30	1018.25	30.07	0.768	116.02	240.84	549.21			
7/10/99 16:45	1018.25	30.07	0.766	116.02	240.84	548.53			
7/10/99 17:00	1018.13	30.07	0.765	116.02	240.84	548.35	548.48		
7/10/99 17:15	1018.25	30.07	0.766	116.02	240.84	548.53			
7/10/99 17:30	1018.50	30.08	0.764	116.02	240.84	547.78			
7/10/99 17:45	1018.75	30.08	0.764	115.78	240.37	547.78			
7/10/99 18:00	1018.75	30.08	0.766	115.24	239.43	547.85	547.18		
7/10/99 18:15	1018.88	30.09	0.763	115.24	239.43	546.70			
7/10/99 18:30	1019.00	30.09	0.760	115.24	239.43	545.77			
7/10/99 18:45	1019.13	30.09	0.763	115.24	239.43	546.64			
7/10/99 19:00	1019.13	30.09	0.761	115.24	239.43	545.95	546.17		
7/10/99 19:15	1019.38	30.10	0.763	114.98	238.96	546.60			
7/10/99 19:30	1019.50	30.11	0.761	114.98	238.96	545.89			
7/10/99 19:45	1019.38	30.10	0.761	114.72	238.49	545.73			
7/10/99 20:00	1019.50	30.11	0.759	114.72	238.49	545.06	545.66		
7/10/99 20:15	1019.63	30.11	0.761	114.72	238.49	545.67			
7/10/99 20:30	1020.00	30.12	0.763	114.72	238.49	546.03			
7/10/99 20:45	1020.38	30.13	0.761	114.46	238.02	545.28			
7/10/99 21:00	1020.50	30.14	0.761	114.20	237.55	545.07	544.92		
7/10/99 21:15	1020.38	30.13	0.759	113.93	237.08	544.27			
7/10/99 21:30	1020.63	30.14	0.759	113.93	237.08	543.95			
7/10/99 21:45	1020.68	30.15	0.764	113.67	236.61	545.49			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/8/99 10:30	1019.63	30.11	0.779	114.20	237.55	551.53			
7/8/99 10:45	1019.63	30.11	0.778	114.72	238.49	551.69			
7/8/99 11:00	1019.63	30.11	0.778	115.24	239.43	551.18	551.78		
7/8/99 11:15	1019.63	30.11	0.777	115.50	239.90	551.82			
7/8/99 11:30	1019.50	30.11	0.778	116.02	240.84	552.65			
7/8/99 11:45	1019.50	30.11	0.778	116.29	241.32	552.84			
7/8/99 12:00	1019.38	30.10	0.778	116.55	241.79	553.06	552.73		
7/8/99 12:15	1019.38	30.10	0.774	116.81	242.26	551.93			
7/8/99 12:30	1019.50	30.11	0.777	117.33	243.20	553.15			
7/8/99 12:45	1019.38	30.10	0.776	117.33	243.20	552.94			
7/8/99 13:00	1019.38	30.10	0.775	117.33	243.20	552.51	552.95		
7/8/99 13:15	1019.25	30.10	0.774	117.33	243.20	552.33			
7/8/99 13:30	1019.25	30.10	0.778	117.59	243.67	553.83			
7/8/99 13:45	1019.13	30.09	0.777	117.59	243.67	553.44			
7/8/99 14:00	1018.75	30.08	0.777	117.85	244.14	553.73	553.62		
7/8/99 14:15	1018.50	30.08	0.776	117.85	244.14	553.55			
7/8/99 14:30	1018.38	30.07	0.776	118.12	244.61	553.55			
7/8/99 14:45	1018.25	30.07	0.776	118.38	245.08	553.98			
7/8/99 15:00	1018.13	30.07	0.774	118.38	245.08	553.12	554.00		
7/8/99 15:15	1018.00	30.06	0.776	118.64	245.55	554.02			
7/8/99 15:30	1017.88	30.06	0.779	118.90	246.02	555.35			
7/8/99 15:45	1017.88	30.06	0.776	118.90	246.02	554.24			
7/8/99 16:00	1017.75	30.05	0.776	119.16	246.49	554.46	554.40		
7/8/99 16:15	1017.63	30.05	0.775	118.90	246.02	554.09			
7/8/99 16:30	1017.63	30.05	0.774	118.90	246.02	553.88			
7/8/99 16:45	1017.50	30.05	0.773	119.16	246.49	553.42			
7/8/99 17:00	1017.38	30.04	0.774	119.16	246.49	553.88	553.76		
7/8/99 17:15	1017.38	30.04	0.773	119.16	246.49	553.45			
7/8/99 17:30	1017.25	30.04	0.774	119.16	246.49	554.17			
7/8/99 17:45	1017.13	30.04	0.771	119.42	246.96	553.24			
7/8/99 18:00	1017.00	30.03	0.775	119.42	246.96	554.63	554.07		
7/8/99 18:15	1017.00	30.03	0.774	119.16	246.49	553.98			
7/8/99 18:30	1016.63	30.02	0.774	119.16	246.49	554.34			
7/8/99 18:45	1016.50	30.02	0.769	118.90	246.02	552.14			
7/8/99 19:00	1016.38	30.01	0.773	118.38	245.08	553.17	552.87		
7/8/99 19:15	1016.38	30.01	0.770	118.38	245.08	552.27			
7/8/99 19:30	1016.13	30.01	0.771	117.85	244.14	552.40			
7/8/99 19:45	1018.25	30.01	0.770	117.85	244.14	551.94			
7/8/99 20:00	1018.38	30.01	0.769	117.59	243.67	551.51	551.24		
7/8/99 20:15	1018.25	30.01	0.766	117.33	243.20	549.99			
7/8/99 20:30	1016.25	30.01	0.768	116.55	241.79	550.34			
7/8/99 20:45	1016.38	30.01	0.766	116.02	240.84	549.04			
7/8/99 21:00	1016.13	30.01	0.770	115.76	240.37	550.50	550.68		
7/8/99 21:15	1016.00	30.00	0.774	114.72	238.49	551.38			
7/8/99 21:30	1015.88	30.00	0.776	113.93	237.08	552.15			
7/8/99 21:45	1015.75	30.00	0.777	113.67	236.61	551.57			
7/8/99 22:00	1015.75	30.00	0.774	113.15	235.67	550.31	551.05		
7/8/99 22:15	1015.63	29.99	0.777	112.89	235.20	551.05			
7/8/99 22:30	1015.63	29.99	0.775	112.63	234.73	550.19			
7/8/99 22:45	1015.50	29.99	0.774	112.37	234.26	549.57			
7/8/99 23:00	1015.25	29.98	0.774	112.11	233.79	549.45	549.68		
7/8/99 23:15	1015.38	29.98	0.774	111.64	233.32	549.48			
7/8/99 23:30	1015.25	29.98	0.776	111.06	231.91	549.60			
7/8/99 23:45	1015.75	30.00	0.776	111.58	232.85	549.83			
7/9/99 0:00	1016.13	30.01	0.776	111.32	232.38	549.55	549.18		
7/9/99 0:15	1016.38	30.01	0.774	111.06	231.91	548.85			
7/9/99 0:30	1016.13	30.01	0.773	111.06	231.91	548.26			
7/9/99 0:45	1016.00	30.00	0.771	110.80	231.44	547.43			
7/9/99 1:00	1016.13	30.01	0.768	110.80	231.44	546.30	547.15		
7/9/99 1:15	1016.13	30.01	0.770	110.80	231.44	546.97			
7/9/99 1:30	1016.13	30.01	0.769	110.80	231.44	546.76			
7/9/99 1:45	1016.00	30.00	0.769	110.80	231.44	546.79			
7/9/99 2:00	1015.75	30.00	0.767	110.80	231.44	545.97	546.42		
7/9/99 2:15	1015.75	30.00	0.768	110.80	231.44	546.19			
7/9/99 2:30	1015.75	30.00	0.768	110.80	231.44	546.40			
7/9/99 2:45	1015.50	29.99	0.764	110.80	231.44	545.15			
7/9/99 3:00	1015.25	29.98	0.764	110.80	231.44	544.97	545.25		
7/9/99 3:15	1015.00	29.97	0.763	110.54	230.97	544.63			
7/9/99 3:30	1014.75	29.97	0.764	110.80	231.44	545.10			
7/9/99 3:45	1014.38	29.95	0.763	110.80	231.44	544.77			
7/9/99 4:00	1014.25	29.95	0.761	110.80	231.44	544.34	544.72		
7/9/99 4:15	1014.13	29.95	0.761	111.06	231.91	544.35			
7/9/99 4:30	1014.13	29.95	0.763	111.06	231.91	545.03			
7/9/99 4:45	1014.00	29.94	0.758	111.06	231.91	543.48			
7/9/99 5:00	1014.00	29.94	0.761	111.32	232.38	544.56	544.28		
7/9/99 5:15	1014.13	29.95	0.761	111.32	232.38	544.53			
7/9/99 5:30	1014.25	29.95	0.759	111.32	232.38	543.82			
7/9/99 5:45	1014.38	29.95	0.762	111.06	231.91	544.74			
7/9/99 6:00	1014.38	29.95	0.759	111.06	231.91	543.85	544.06		
7/9/99 6:15	1014.75	29.97	0.759	111.06	231.91	543.75			
7/9/99 6:30	1014.88	29.97	0.761	111.06	231.91	544.14			
7/9/99 6:45	1014.88	29.97	0.758	111.06	231.91	543.03			
7/9/99 7:00	1014.88	29.97	0.761	111.32	232.38	544.54	544.43		
7/9/99 7:15	1014.88	29.97	0.758	111.84	233.32	543.80			
7/9/99 7:30	1015.13	29.98	0.766	111.84	233.32	546.63			
7/9/99 7:45	1015.00	29.97	0.769	112.11	233.79	547.99			
7/9/99 8:00	1015.38	29.98	0.771	112.37	234.26	548.72	548.38		
7/9/99 8:15	1015.38	29.98	0.773	112.37	234.26	549.18			
7/9/99 8:30	1015.38	29.98	0.773	112.63	234.73	549.37			
7/9/99 8:45	1015.25	29.98	0.773	112.83	234.73	549.40			
7/9/99 9:00	1015.25	29.98	0.773	112.89	235.20	549.80	550.07		
7/9/99 9:15	1015.38	29.98	0.775	113.15	235.67	550.63			
7/9/99 9:30	1015.50	29.99	0.776	113.67	236.61	551.18			
7/9/99 9:45	1015.38	29.98	0.776	113.93	237.08	551.40			
7/9/99 10:00	1015.38	29.98	0.775	114.48	238.02	551.56	551.82		
7/9/99 10:15	1015.50	29.99	0.778	114.72	238.49	552.81			
7/9/99 10:30	1015.38	29.98	0.776	114.98	238.96	552.14			
7/9/99 10:45	1015.25	29.98	0.776	115.50	239.90	552.55			
7/9/99 11:00	1015.25	29.98	0.775	116.02	240.84	552.71	552.76		
7/9/99 11:15	1015.38	29.98	0.775	116.55	241.79	553.04			
7/9/99 11:30	1015.38	29.98	0.774	117.33	243.20	553.38			
7/9/99 11:45	1015.38	29.98	0.773	117.85	244.14	553.29			
7/9/99 12:00	1015.13	29.98	0.773	117.85	244.14	553.14	552.99		
7/9/99 12:15	1015.00	29.97	0.771	118.12	244.61	552.89			
7/9/99 12:30	1014.75	29.97	0.769	118.38	245.08	552.25			
7/9/99 12:45	1014.63	29.96	0.773	118.90	246.02	554.23			
7/9/99 13:00	1014.50	29.96	0.771	119.16	246.49	553.77	553.50		
7/9/99 13:15	1014.38	29.95	0.769	119.18	246.49	553.16			
7/9/99 13:30	1014.25	29.95	0.772	119.18	246.49	554.09			
7/9/99 13:45	1014.13	29.95	0.771	119.42	246.96	553.84			
7/9/99 14:00	1014.13	29.95	0.768	119.42	246.96	552.94	553.80		
7/9/99 14:15	1014.00	29.94	0.771	119.68	247.43	554.27			
7/9/99 14:30	1013.88	29.94	0.770	119.68	247.43	553.88			
7/9/99 14:45	1013.75	29.94	0.769	119.68	247.43	553.44			
7/9/99 15:00	1013.63	29.93	0.768	119.94	247.90	553.44	553.69		
7/9/99 15:15	1013.50	29.93	0.769	119.94	247.90	553.95			
7/9/99 15:30	1013.25	29.92	0.769	119.94	247.90	553.76			
7/9/99 15:45	1013.25	29.92	0.768	119.68	247.43	553.36			
7/9/99 16:00	1013.00	29.91	0.768	119.94	247.90	553.62	553.55		

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/7/99 4:45	1018.63	30.08	0.773	105.83	222.50	543.84			
7/7/99 5:00	1018.88	30.09	0.771	105.57	222.03	542.93	543.31		
7/7/99 5:15	1019.00	30.09	0.773	105.31	221.56	543.38			
7/7/99 5:30	1019.13	30.09	0.772	104.79	220.62	542.55			
7/7/99 5:45	1019.13	30.09	0.771	104.53	220.15	542.11			
7/7/99 6:00	1019.25	30.10	0.771	104.79	220.62	542.27	542.22		
7/7/99 6:15	1019.38	30.10	0.771	104.79	220.62	542.23			
7/7/99 6:30	1019.63	30.11	0.771	104.79	220.62	541.96			
7/7/99 6:45	1019.63	30.11	0.770	105.83	222.50	542.49			
7/7/99 7:00	1019.75	30.11	0.773	107.14	224.85	544.28	543.80		
7/7/99 7:15	1019.75	30.11	0.773	107.92	226.26	545.05			
7/7/99 7:30	1019.75	30.11	0.773	108.45	227.21	545.21			
7/7/99 7:45	1019.75	30.11	0.776	109.23	228.62	546.86			
7/7/99 8:00	1019.75	30.11	0.786	109.23	228.62	550.38	548.69		
7/7/99 8:15	1019.88	30.12	0.786	109.49	229.09	550.53			
7/7/99 8:30	1020.00	30.12	0.785	109.75	229.56	550.46			
7/7/99 8:45	1020.00	30.12	0.788	110.02	230.03	551.54			
7/7/99 9:00	1020.13	30.12	0.788	110.28	230.50	551.90	551.94		
7/7/99 9:15	1020.25	30.13	0.791	110.80	231.44	553.12			
7/7/99 9:30	1020.13	30.12	0.789	111.06	231.91	552.68			
7/7/99 9:45	1020.13	30.12	0.789	111.58	232.85	553.30			
7/7/99 10:00	1020.00	30.12	0.790	112.11	233.79	553.92	553.57		
7/7/99 10:15	1020.00	30.12	0.789	112.37	234.26	553.65			
7/7/99 10:30	1019.88	30.12	0.789	112.89	235.20	554.30			
7/7/99 10:45	1019.75	30.11	0.791	113.41	236.14	555.35			
7/7/99 11:00	1019.88	30.12	0.788	113.67	236.61	554.20	554.49		
7/7/99 11:15	1019.88	30.12	0.785	114.46	238.02	553.86			
7/7/99 11:30	1019.88	30.12	0.787	114.72	238.49	554.74			
7/7/99 11:45	1019.88	30.12	0.782	114.98	238.96	553.16			
7/7/99 12:00	1019.88	30.12	0.787	115.24	239.43	555.11	554.57		
7/7/99 12:15	1019.88	30.12	0.785	115.76	240.37	554.81			
7/7/99 12:30	1019.75	30.11	0.785	116.02	240.84	555.03			
7/7/99 12:45	1019.75	30.11	0.784	116.02	240.84	554.82			
7/7/99 13:00	1019.63	30.11	0.782	116.29	241.32	554.15	554.50		
7/7/99 13:15	1019.63	30.11	0.781	116.29	241.32	553.89			
7/7/99 13:30	1019.50	30.11	0.783	116.55	241.79	554.80			
7/7/99 13:45	1019.38	30.10	0.782	116.55	241.79	554.41			
7/7/99 14:00	1019.25	30.10	0.783	116.81	242.26	554.84	554.89		
7/7/99 14:15	1019.13	30.09	0.784	116.81	242.26	555.55			
7/7/99 14:30	1019.13	30.09	0.783	116.81	242.26	554.87			
7/7/99 14:45	1019.00	30.09	0.783	117.07	242.73	555.09			
7/7/99 15:00	1018.88	30.09	0.783	117.33	243.20	555.53	555.10		
7/7/99 15:15	1018.75	30.08	0.780	117.59	243.67	554.65			
7/7/99 15:30	1018.63	30.08	0.782	117.59	243.67	555.35			
7/7/99 15:45	1018.38	30.07	0.781	117.85	244.14	555.15			
7/7/99 16:00	1018.25	30.07	0.783	117.59	243.67	555.87	555.41		
7/7/99 16:15	1018.25	30.07	0.781	117.85	244.14	555.43			
7/7/99 16:30	1018.13	30.07	0.781	117.85	244.14	555.46			
7/7/99 16:45	1018.00	30.06	0.781	117.85	244.14	555.25			
7/7/99 17:00	1018.00	30.06	0.781	118.12	244.61	555.43	555.66		
7/7/99 17:15	1017.75	30.05	0.783	118.12	244.61	556.39			
7/7/99 17:30	1017.63	30.05	0.781	118.12	244.61	555.79			
7/7/99 17:45	1017.63	30.05	0.779	118.12	244.61	555.11			
7/7/99 18:00	1017.63	30.05	0.781	118.12	244.61	555.79	555.67		
7/7/99 18:15	1017.50	30.05	0.783	118.12	244.61	556.46			
7/7/99 18:30	1017.38	30.04	0.780	117.85	244.14	555.21			
7/7/99 18:45	1017.38	30.04	0.778	117.59	243.67	554.34			
7/7/99 19:00	1017.38	30.04	0.778	117.33	243.20	554.18	554.04		
7/7/99 19:15	1017.25	30.04	0.778	117.07	242.73	553.12			
7/7/99 19:30	1017.25	30.04	0.777	116.81	242.26	553.39			
7/7/99 19:45	1017.25	30.04	0.778	116.55	241.79	553.42			
7/7/99 20:00	1017.25	30.04	0.774	116.55	241.79	552.07	552.54		
7/7/99 20:15	1017.25	30.04	0.773	116.29	241.32	551.46			
7/7/99 20:30	1017.25	30.04	0.776	116.02	240.84	552.38			
7/7/99 20:45	1017.25	30.04	0.772	115.76	240.37	550.87			
7/7/99 21:00	1017.25	30.04	0.771	114.98	238.96	549.85	550.68		
7/7/99 21:15	1017.25	30.04	0.773	114.46	238.02	550.37			
7/7/99 21:30	1017.38	30.04	0.777	113.41	236.14	550.95			
7/7/99 21:45	1017.50	30.05	0.783	112.83	234.73	552.55			
7/7/99 22:00	1017.75	30.05	0.784	112.11	233.79	552.31	551.83		
7/7/99 22:15	1017.88	30.06	0.784	111.84	233.32	552.09			
7/7/99 22:30	1018.13	30.07	0.783	111.32	232.38	551.23			
7/7/99 22:45	1018.25	30.07	0.783	111.06	231.91	551.01			
7/7/99 23:00	1018.25	30.07	0.781	110.80	231.44	550.40	551.00		
7/7/99 23:15	1018.50	30.08	0.785	110.80	231.44	551.63			
7/7/99 23:30	1018.63	30.08	0.783	110.54	230.97	550.74			
7/7/99 23:45	1018.63	30.08	0.783	110.54	230.97	550.74			
7/8/99 0:00	1018.75	30.06	0.784	110.54	230.97	550.92	550.41		
7/8/99 0:15	1018.88	30.09	0.783	110.28	230.50	550.28			
7/8/99 0:30	1018.88	30.09	0.779	110.54	230.97	549.37			
7/8/99 0:45	1019.00	30.09	0.779	110.54	230.97	549.09			
7/8/99 1:00	1019.00	30.09	0.779	110.54	230.97	549.34	548.70		
7/8/99 1:15	1019.00	30.09	0.774	110.54	230.97	547.57			
7/8/99 1:30	1018.88	30.09	0.777	110.02	230.03	548.12			
7/8/99 1:45	1018.88	30.09	0.773	110.02	230.03	546.78			
7/8/99 2:00	1018.75	30.08	0.774	110.02	230.03	547.27	547.27		
7/8/99 2:15	1018.50	30.08	0.775	110.02	230.03	547.55			
7/8/99 2:30	1018.50	30.08	0.773	110.02	230.03	546.86			
7/8/99 2:45	1018.50	30.08	0.772	110.02	230.03	546.45			
7/8/99 3:00	1018.50	30.08	0.771	110.02	230.03	546.20	546.46		
7/8/99 3:15	1018.50	30.08	0.773	109.75	229.56	546.69			
7/8/99 3:30	1018.38	30.07	0.772	109.75	229.56	546.30			
7/8/99 3:45	1018.25	30.07	0.768	109.75	229.56	544.77			
7/8/99 4:00	1018.13	30.07	0.773	109.49	229.09	546.39	545.63		
7/8/99 4:15	1018.00	30.06	0.769	109.49	229.09	545.08			
7/8/99 4:30	1017.88	30.06	0.771	109.23	228.62	545.60			
7/8/99 4:45	1017.88	30.06	0.769	109.23	228.62	544.93			
7/8/99 5:00	1018.13	30.07	0.772	108.97	228.15	545.81	544.98		
7/8/99 5:15	1018.38	30.07	0.768	108.97	228.15	543.72			
7/8/99 5:30	1018.50	30.08	0.770	108.71	227.68	544.85			
7/8/99 5:45	1018.63	30.08	0.768	108.71	227.68	543.93			
7/8/99 6:00	1018.63	30.08	0.766	108.71	227.68	543.47	544.17		
7/8/99 6:15	1018.75	30.08	0.768	108.71	227.68	544.11			
7/8/99 6:30	1019.13	30.09	0.770	108.45	227.21	544.49			
7/8/99 6:45	1019.25	30.10	0.776	108.19	226.73	546.25			
7/8/99 7:00	1019.38	30.10	0.781	107.92	226.26	547.79	546.60		
7/8/99 7:15	1019.50	30.11	0.779	107.92	226.26	547.09			
7/8/99 7:30	1019.50	30.11	0.781	108.45	227.21	548.37			
7/8/99 7:45	1019.38	30.10	0.781	108.71	227.68	548.60			
7/8/99 8:00	1019.38	30.10	0.800	108.97	228.15	555.31	550.68		
7/8/99 8:15	1019.63	30.11	0.793	108.71	227.68	552.45			
7/8/99 8:30	1019.88	30.12	0.779	110.28	230.50	548.67			
7/8/99 8:45	1020.00	30.12	0.783	110.80	231.44	550.35			
7/8/99 9:00	1020.13	30.12	0.782	110.80	231.44	550.10	550.04		
7/8/99 9:15	1020.13	30.12	0.781	111.32	232.38	550.02			
7/8/99 9:30	1020.13	30.12	0.782	112.11	233.79	551.04			
7/8/99 9:45	1020.13	30.12	0.781	112.37	234.26	550.77			
7/8/99 10:00	1020.00	30.12	0.779	113.15	235.67	550.94	550.95		
7/8/99 10:15	1019.88	30.12	0.777	113.67	236.61	550.46			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/5/99 23:00	1018.88	30.09	0.000	27.18	80.93	0.00	0.00		
7/5/99 23:15	1018.88	30.09	0.000	26.92	80.46	0.00			
7/5/99 23:30	1018.88	30.09	0.000	26.66	79.99	0.00			
7/5/99 23:45	1018.88	30.09	0.000	26.40	79.52	0.00			
7/6/99 0:00	1018.88	30.09	0.000	26.40	79.52	0.00	0.00		
7/6/99 0:15	1018.75	30.08	0.000	26.14	79.05	0.00			
7/6/99 0:30	1018.75	30.08	0.000	25.88	78.58	0.00			
7/6/99 0:45	1018.50	30.08	0.000	25.88	78.58	0.00			
7/6/99 1:00	1018.50	30.08	0.000	25.62	78.11	0.00	0.00		
7/6/99 1:15	1018.38	30.07	0.000	25.36	77.64	0.00			
7/6/99 1:30	1018.25	30.07	0.000	25.09	77.17	0.00			
7/6/99 1:45	1018.50	30.08	0.000	25.09	77.17	0.00			
7/6/99 2:00	1018.50	30.08	0.000	24.83	76.70	0.00	0.00		
7/6/99 2:15	1018.38	30.07	0.000	24.83	76.70	0.00			
7/6/99 2:30	1018.50	30.08	0.000	24.57	76.23	0.00			
7/6/99 2:45	1018.63	30.08	0.000	24.57	76.23	0.00			
7/6/99 3:00	1018.75	30.08	0.000	24.31	75.76	0.00	0.00		
7/6/99 3:15	1018.88	30.09	0.000	24.05	75.29	0.00			
7/6/99 3:30	1019.00	30.09	0.000	23.79	74.82	0.00			
7/6/99 3:45	1019.13	30.09	0.000	23.79	74.82	0.00			
7/6/99 4:00	1019.38	30.10	0.000	23.79	74.82	0.00	0.00		
7/6/99 4:15	1019.38	30.10	0.000	23.27	73.88	0.00			
7/6/99 4:30	1019.38	30.10	0.000	23.27	73.88	0.00			
7/6/99 4:45	1019.38	30.10	0.000	23.27	73.88	0.00			
7/6/99 5:00	1019.50	30.11	0.000	23.00	73.41	0.00	0.00		
7/6/99 5:15	1019.38	30.10	0.000	23.00	73.41	0.00			
7/6/99 5:30	1019.38	30.10	0.000	23.00	73.41	0.00			
7/6/99 5:45	1019.38	30.10	0.000	23.00	73.41	0.00			
7/6/99 6:00	1019.38	30.10	0.000	23.00	73.41	0.00	0.00		
7/6/99 6:15	1019.25	30.10	0.000	23.00	73.41	0.00			
7/6/99 6:30	1019.25	30.10	0.000	23.00	73.41	0.00			
7/6/99 6:45	1019.25	30.10	0.000	23.00	73.41	0.00			
7/6/99 7:00	1019.38	30.10	0.000	23.00	73.41	0.00	0.00		
7/6/99 7:15	1019.25	30.10	0.000	23.00	73.41	0.00			
7/6/99 7:30	1019.25	30.10	0.000	23.27	73.88	0.00			
7/6/99 7:45	1019.13	30.09	0.000	23.79	74.82	0.00			
7/6/99 8:00	1019.00	30.09	0.000	23.79	74.82	0.00	0.00		
7/6/99 8:15	1018.88	30.09	0.000	24.05	75.29	0.00			
7/6/99 8:30	1018.75	30.08	0.000	24.57	76.23	0.00			
7/6/99 8:45	1018.63	30.08	0.000	25.09	77.17	0.00			
7/6/99 9:00	1018.50	30.08	0.000	25.36	77.64	0.00	0.00		
7/6/99 9:15	1018.38	30.07	0.000	26.14	79.05	0.00			
7/6/99 9:30	1018.25	30.07	0.000	26.40	79.52	0.00			
7/6/99 9:45	1018.25	30.07	0.000	27.18	80.93	0.00			
7/6/99 10:00	1018.25	30.07	0.296	41.29	106.33	306.70	279.23		
7/6/99 10:15	1018.13	30.07	0.781	94.08	201.34	538.32			
7/6/99 10:30	1018.00	30.06	0.791	106.88	224.38	551.11			
7/6/99 10:45	1017.88	30.06	0.795	111.58	232.85	555.87			
7/6/99 11:00	1017.88	30.06	0.796	113.93	237.08	557.99	556.32		
7/6/99 11:15	1018.00	30.06	0.797	115.24	239.43	559.14			
7/6/99 11:30	1018.00	30.06	0.791	116.02	240.84	557.49			
7/6/99 11:45	1018.00	30.06	0.791	116.55	241.79	558.07			
7/6/99 12:00	1018.00	30.06	0.791	116.55	241.79	558.07	557.99		
7/6/99 12:15	1018.00	30.06	0.791	117.07	242.73	558.23			
7/6/99 12:30	1017.75	30.05	0.789	117.33	243.20	558.06			
7/6/99 12:45	1017.88	30.06	0.789	117.85	244.14	558.16			
7/6/99 13:00	1017.75	30.05	0.787	117.59	243.67	557.37	559.09		
7/6/99 13:15	1017.88	30.06	0.816	115.50	239.90	566.09			
7/6/99 13:30	1017.88	30.06	0.788	116.02	240.84	555.75			
7/6/99 13:45	1017.63	30.05	0.784	116.29	241.32	555.34			
7/6/99 14:00	1017.63	30.05	0.783	116.55	241.79	555.10	554.90		
7/6/99 14:15	1017.50	30.05	0.781	116.55	241.79	554.46			
7/6/99 14:30	1017.25	30.04	0.779	116.55	241.79	553.85			
7/6/99 14:45	1017.00	30.03	0.779	116.29	241.32	553.98			
7/6/99 15:00	1016.75	30.02	0.778	116.29	241.32	553.59	554.16		
7/6/99 15:15	1016.50	30.02	0.781	116.55	241.79	554.98			
7/6/99 15:30	1018.13	30.01	0.779	116.55	241.79	554.40			
7/6/99 15:45	1016.00	30.00	0.781	116.81	242.26	555.05			
7/6/99 16:00	1016.00	30.00	0.779	116.55	241.79	554.19	554.49		
7/6/99 16:15	1015.88	30.00	0.778	116.81	242.26	553.98			
7/6/99 16:30	1015.88	30.00	0.779	117.07	242.73	554.84			
7/6/99 16:45	1015.88	30.00	0.781	117.07	242.73	555.27			
7/6/99 17:00	1015.63	29.99	0.778	116.55	241.79	553.87	554.49		
7/6/99 17:15	1015.63	29.99	0.778	117.07	242.73	554.45			
7/6/99 17:30	1015.75	30.00	0.778	116.81	242.26	554.02			
7/6/99 17:45	1015.75	30.00	0.779	116.55	241.79	554.26			
7/6/99 18:00	1015.50	29.99	0.778	116.02	240.84	553.74	553.57		
7/6/99 18:15	1015.38	29.98	0.774	115.76	240.37	552.27			
7/6/99 18:30	1015.50	29.99	0.776	115.76	240.37	553.56			
7/6/99 18:45	1016.13	30.01	0.773	113.67	236.61	550.12			
7/6/99 19:00	1016.38	30.01	0.776	112.63	234.73	550.41	550.72		
7/6/99 19:15	1016.38	30.01	0.774	112.11	233.79	549.40			
7/6/99 19:30	1016.75	30.02	0.776	112.37	234.26	550.12			
7/6/99 19:45	1016.88	30.03	0.776	112.11	233.79	550.36			
7/6/99 20:00	1016.88	30.03	0.778	112.63	234.73	550.74	550.10		
7/6/99 20:15	1016.88	30.03	0.774	112.63	234.73	549.39			
7/6/99 20:30	1016.75	30.02	0.776	112.37	234.26	549.91			
7/6/99 20:45	1016.75	30.02	0.775	112.37	234.26	549.70			
7/6/99 21:00	1016.75	30.02	0.772	111.84	233.32	548.22	548.82		
7/6/99 21:15	1016.75	30.02	0.773	111.06	231.91	548.09			
7/6/99 21:30	1016.88	30.03	0.771	110.80	231.44	547.20			
7/6/99 21:45	1016.88	30.03	0.773	111.06	231.91	548.06			
7/6/99 22:00	1016.88	30.03	0.771	110.80	231.44	547.20	548.07		
7/6/99 22:15	1016.88	30.03	0.777	110.80	231.44	549.22			
7/6/99 22:30	1016.88	30.03	0.777	110.02	230.03	548.66			
7/6/99 22:45	1017.13	30.04	0.783	109.49	229.09	550.40			
7/6/99 23:00	1017.13	30.04	0.780	108.71	227.88	548.74	549.67		
7/6/99 23:15	1017.13	30.04	0.784	108.97	228.15	550.48			
7/6/99 23:30	1017.00	30.03	0.783	108.97	228.15	550.06			
7/6/99 23:45	1017.13	30.04	0.784	108.71	227.68	550.04			
7/7/99 0:00	1017.13	30.04	0.785	108.71	227.88	550.50	550.55		
7/7/99 0:15	1017.25	30.04	0.788	108.71	227.88	551.34			
7/7/99 0:30	1017.63	30.05	0.786	108.71	227.68	550.79			
7/7/99 0:45	1017.75	30.05	0.787	108.97	228.15	551.19			
7/7/99 1:00	1018.00	30.06	0.788	109.23	228.62	551.52	550.87		
7/7/99 1:15	1018.13	30.07	0.784	108.71	227.68	550.02			
7/7/99 1:30	1018.13	30.07	0.784	108.45	227.21	549.83			
7/7/99 1:45	1018.25	30.07	0.789	108.45	227.21	551.30			
7/7/99 2:00	1018.25	30.07	0.782	107.40	225.32	548.17	549.19		
7/7/99 2:15	1018.25	30.07	0.782	107.92	226.26	548.55			
7/7/99 2:30	1018.13	30.07	0.781	107.92	226.26	548.12			
7/7/99 2:45	1018.13	30.07	0.779	107.92	226.26	547.48			
7/7/99 3:00	1018.13	30.07	0.779	107.66	225.79	547.27	547.01		
7/7/99 3:15	1018.38	30.07	0.778	106.88	224.38	546.22			
7/7/99 3:30	1018.38	30.07	0.777	106.88	224.38	546.00			
7/7/99 3:45	1018.38	30.07	0.774	106.62	223.91	544.69			
7/7/99 4:00	1018.38	30.07	0.775	106.62	223.91	545.15	544.84		
7/7/99 4:15	1018.38	30.07	0.773	106.36	223.44	544.29			
7/7/99 4:30	1018.50	30.08	0.773	106.10	222.97	544.07			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/4/99 17:15	1021.38	30.16	0.000	42.88	109.15	0.00			
7/4/99 17:30	1021.25	30.16	0.000	41.56	106.80	0.00			
7/4/99 17:45	1021.25	30.16	0.000	40.51	104.92	0.00			
7/4/99 18:00	1021.13	30.15	0.000	39.47	103.04	0.00	0.00		
7/4/99 18:15	1020.88	30.15	0.000	38.68	101.63	0.00			
7/4/99 18:30	1020.88	30.15	0.000	37.90	100.22	0.00			
7/4/99 18:45	1021.00	30.15	0.000	37.38	99.28	0.00			
7/4/99 19:00	1021.13	30.15	0.000	38.59	97.86	0.00	0.00		
7/4/99 19:15	1021.13	30.15	0.000	36.07	96.92	0.00			
7/4/99 19:30	1021.13	30.15	0.000	35.55	95.98	0.00			
7/4/99 19:45	1021.13	30.15	0.000	34.76	94.57	0.00			
7/4/99 20:00	1021.13	30.15	0.000	33.98	93.16	0.00	0.00		
7/4/99 20:15	1021.00	30.15	0.000	33.46	92.22	0.00			
7/4/99 20:30	1021.00	30.15	0.000	32.93	91.28	0.00			
7/4/99 20:45	1021.00	30.15	0.000	32.15	89.87	0.00			
7/4/99 21:00	1020.88	30.15	0.000	31.63	88.93	0.00	0.00		
7/4/99 21:15	1020.88	30.15	0.000	31.37	88.46	0.00			
7/4/99 21:30	1021.00	30.15	0.000	30.58	87.05	0.00			
7/4/99 21:45	1021.13	30.15	0.000	30.06	86.11	0.00			
7/4/99 22:00	1021.25	30.16	0.000	29.27	84.69	0.00	0.00		
7/4/99 22:15	1021.25	30.16	0.000	28.75	83.75	0.00			
7/4/99 22:30	1021.25	30.16	0.000	28.49	83.28	0.00			
7/4/99 22:45	1021.38	30.16	0.000	27.97	82.34	0.00			
7/4/99 23:00	1021.50	30.16	0.000	27.45	81.40	0.00	0.00		
7/4/99 23:15	1021.50	30.16	0.000	27.18	80.93	0.00			
7/4/99 23:30	1021.50	30.16	0.000	26.92	80.46	0.00			
7/4/99 23:45	1021.50	30.16	0.000	26.66	79.99	0.00			
7/5/99 0:00	1021.63	30.17	0.000	26.40	79.52	0.00	0.00		
7/5/99 0:15	1021.75	30.17	0.000	26.14	79.05	0.00			
7/5/99 0:30	1021.75	30.17	0.000	25.88	78.58	0.00			
7/5/99 0:45	1021.88	30.18	0.000	25.88	78.58	0.00			
7/5/99 1:00	1021.88	30.18	0.000	25.82	78.11	0.00	0.00		
7/5/99 1:15	1022.00	30.18	0.000	25.09	77.17	0.00			
7/5/99 1:30	1022.13	30.18	0.000	25.09	77.17	0.00			
7/5/99 1:45	1022.00	30.18	0.000	25.09	77.17	0.00			
7/5/99 2:00	1022.00	30.18	0.000	24.83	76.70	0.00	0.00		
7/5/99 2:15	1022.00	30.18	0.000	24.57	76.23	0.00			
7/5/99 2:30	1022.00	30.18	0.000	24.57	76.23	0.00			
7/5/99 2:45	1022.00	30.18	0.000	24.57	76.23	0.00			
7/5/99 3:00	1022.00	30.18	0.000	24.31	75.76	0.00	0.00		
7/5/99 3:15	1022.00	30.18	0.000	24.05	75.29	0.00			
7/5/99 3:30	1021.88	30.18	0.000	24.05	75.29	0.00			
7/5/99 3:45	1021.75	30.17	0.000	23.79	74.82	0.00			
7/5/99 4:00	1021.75	30.17	0.000	23.79	74.82	0.00	0.00		
7/5/99 4:15	1021.75	30.17	0.000	23.79	74.82	0.00			
7/5/99 4:30	1021.88	30.18	0.000	23.27	73.88	0.00			
7/5/99 4:45	1021.88	30.18	0.000	23.27	73.88	0.00			
7/5/99 5:00	1022.00	30.18	0.000	23.27	73.88	0.00	0.00		
7/5/99 5:15	1022.13	30.18	0.000	23.00	73.41	0.00			
7/5/99 5:30	1022.13	30.18	0.000	23.00	73.41	0.00			
7/5/99 5:45	1022.25	30.19	0.000	23.00	73.41	0.00			
7/5/99 6:00	1022.25	30.19	0.000	23.00	73.41	0.00	0.00		
7/5/99 6:15	1022.50	30.19	0.000	23.00	73.41	0.00			
7/5/99 6:30	1022.50	30.19	0.000	23.00	73.41	0.00			
7/5/99 6:45	1022.75	30.20	0.000	23.00	73.41	0.00			
7/5/99 7:00	1022.75	30.20	0.000	23.00	73.41	0.00	0.00		
7/5/99 7:15	1022.75	30.20	0.000	23.00	73.41	0.00			
7/5/99 7:30	1022.88	30.21	0.000	23.00	73.41	0.00			
7/5/99 7:45	1022.88	30.21	0.000	23.27	73.88	0.00			
7/5/99 8:00	1023.00	30.21	0.000	23.79	74.82	0.00	0.00		
7/5/99 8:15	1023.00	30.21	0.000	24.05	75.29	0.00			
7/5/99 8:30	1023.00	30.21	0.000	24.57	76.23	0.00			
7/5/99 8:45	1023.00	30.21	0.000	24.83	76.70	0.00			
7/5/99 9:00	1023.13	30.21	0.000	25.09	77.17	0.00	0.00		
7/5/99 9:15	1023.00	30.21	0.000	25.82	78.11	0.00			
7/5/99 9:30	1023.00	30.21	0.000	26.14	79.05	0.00			
7/5/99 9:45	1022.88	30.21	0.000	26.66	79.99	0.00			
7/5/99 10:00	1022.75	30.20	0.000	26.92	80.46	0.00	0.00		
7/5/99 10:15	1022.88	30.21	0.000	27.45	81.40	0.00			
7/5/99 10:30	1022.88	30.21	0.000	28.23	82.81	0.00			
7/5/99 10:45	1022.75	30.20	0.000	28.75	83.75	0.00			
7/5/99 11:00	1022.75	30.20	0.000	29.27	84.69	0.00	0.00		
7/5/99 11:15	1022.63	30.20	0.000	29.54	85.16	0.00			
7/5/99 11:30	1022.63	30.20	0.000	30.06	86.11	0.00			
7/5/99 11:45	1022.50	30.19	0.000	30.32	86.58	0.00			
7/5/99 12:00	1022.38	30.19	0.000	30.84	87.52	0.00	0.00		
7/5/99 12:15	1022.38	30.19	0.000	30.84	87.52	0.00			
7/5/99 12:30	1022.38	30.19	0.000	31.37	88.46	0.00			
7/5/99 12:45	1022.25	30.19	0.000	31.37	88.46	0.00			
7/5/99 13:00	1022.00	30.18	0.000	31.63	88.93	0.00	0.00		
7/5/99 13:15	1021.75	30.17	0.000	31.89	89.40	0.00			
7/5/99 13:30	1021.63	30.17	0.000	32.15	89.87	0.00			
7/5/99 13:45	1021.38	30.16	0.000	32.41	90.34	0.00			
7/5/99 14:00	1021.25	30.16	0.000	32.41	90.34	0.00	0.00		
7/5/99 14:15	1021.25	30.16	0.000	32.93	91.28	0.00			
7/5/99 14:30	1021.00	30.15	0.000	33.19	91.75	0.00			
7/5/99 14:45	1020.75	30.14	0.000	33.46	92.22	0.00			
7/5/99 15:00	1020.63	30.14	0.000	33.72	92.69	0.00	0.00		
7/5/99 15:15	1020.63	30.14	0.000	33.72	92.69	0.00			
7/5/99 15:30	1020.38	30.13	0.000	33.98	93.16	0.00			
7/5/99 15:45	1020.25	30.13	0.000	34.50	94.10	0.00			
7/5/99 16:00	1020.13	30.12	0.000	34.50	94.10	0.00	0.00		
7/5/99 16:15	1020.00	30.12	0.000	34.50	94.10	0.00			
7/5/99 16:30	1019.88	30.12	0.000	34.76	94.57	0.00			
7/5/99 16:45	1019.75	30.11	0.000	34.76	94.57	0.00			
7/5/99 17:00	1019.75	30.11	0.000	35.02	95.04	0.00	0.00		
7/5/99 17:15	1019.75	30.11	0.000	35.02	95.04	0.00			
7/5/99 17:30	1019.63	30.11	0.000	35.02	95.04	0.00			
7/5/99 17:45	1019.50	30.11	0.000	35.02	95.04	0.00			
7/5/99 18:00	1019.38	30.10	0.000	35.02	95.04	0.00	0.00		
7/5/99 18:15	1019.13	30.09	0.000	35.02	95.04	0.00			
7/5/99 18:30	1019.13	30.09	0.000	34.76	94.57	0.00			
7/5/99 18:45	1019.00	30.09	0.000	34.50	94.10	0.00			
7/5/99 19:00	1019.00	30.09	0.000	34.24	93.63	0.00	0.00		
7/5/99 19:15	1019.00	30.09	0.000	33.72	92.69	0.00			
7/5/99 19:30	1019.13	30.09	0.000	33.48	92.22	0.00			
7/5/99 19:45	1019.00	30.09	0.000	32.93	91.28	0.00			
7/5/99 20:00	1019.13	30.09	0.000	32.41	90.34	0.00	0.00		
7/5/99 20:15	1019.00	30.09	0.000	32.15	89.87	0.00			
7/5/99 20:30	1018.88	30.09	0.000	31.89	89.40	0.00			
7/5/99 20:45	1018.88	30.09	0.000	31.37	88.46	0.00			
7/5/99 21:00	1018.75	30.08	0.000	31.10	87.99	0.00	0.00		
7/5/99 21:15	1018.88	30.09	0.000	30.32	86.58	0.00			
7/5/99 21:30	1018.88	30.09	0.000	29.80	85.64	0.00			
7/5/99 21:45	1018.88	30.09	0.000	29.27	84.69	0.00			
7/5/99 22:00	1019.00	30.09	0.000	28.75	83.75	0.00	0.00		
7/5/99 22:15	1018.88	30.09	0.000	28.49	83.28	0.00			
7/5/99 22:30	1019.00	30.09	0.000	27.97	82.34	0.00			
7/5/99 22:45	1019.00	30.09	0.000	27.45	81.40	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/3/99 11:30	1020.88	30.15	0.760	119.94	247.90	548.56			
7/3/99 11:45	1021.00	30.15	0.759	120.47	248.84	548.42			
7/3/99 12:00	1021.38	30.16	0.756	120.73	249.31	547.60	548.33		
7/3/99 12:15	1021.75	30.17	0.756	121.25	250.25	547.86			
7/3/99 12:30	1021.88	30.18	0.760	121.25	250.25	549.20			
7/3/99 12:45	1021.75	30.17	0.760	121.25	250.25	549.24			
7/3/99 13:00	1021.63	30.17	0.755	121.51	250.72	547.64	548.84		
7/3/99 13:15	1021.38	30.16	0.758	121.77	251.19	548.80			
7/3/99 13:30	1021.25	30.16	0.758	122.03	251.66	548.32			
7/3/99 13:45	1021.00	30.15	0.754	122.30	252.13	548.13			
7/3/99 14:00	1021.00	30.15	0.755	122.56	252.60	548.53	549.14		
7/3/99 14:15	1020.88	30.15	0.758	122.82	253.07	549.66			
7/3/99 14:30	1020.88	30.15	0.762	122.56	252.60	551.07			
7/3/99 14:45	1020.88	30.15	0.765	122.03	251.66	551.82			
7/3/99 15:00	1020.75	30.14	0.764	122.30	252.13	551.82	552.07		
7/3/99 15:15	1020.75	30.14	0.768	122.30	252.13	552.94			
7/3/99 15:30	1020.88	30.15	0.767	122.30	252.13	552.69			
7/3/99 15:45	1020.75	30.14	0.768	122.30	252.13	552.94			
7/3/99 16:00	1020.75	30.14	0.769	122.56	252.60	553.56	552.96		
7/3/99 16:15	1020.63	30.14	0.768	122.30	252.13	553.19			
7/3/99 16:30	1020.50	30.14	0.766	122.56	252.60	552.51			
7/3/99 16:45	1020.38	30.13	0.762	122.82	253.07	551.38			
7/3/99 17:00	1020.25	30.13	0.759	123.08	253.54	550.69	551.29		
7/3/99 17:15	1020.00	30.12	0.761	123.34	254.01	551.38			
7/3/99 17:30	1020.13	30.12	0.759	123.08	253.54	550.47			
7/3/99 17:45	1020.00	30.12	0.756	123.08	253.54	549.38			
7/3/99 18:00	1019.88	30.12	0.758	123.08	253.54	550.32	549.84		
7/3/99 18:15	1019.63	30.11	0.756	122.82	253.07	549.52			
7/3/99 18:30	1019.75	30.11	0.756	122.82	253.07	549.49			
7/3/99 18:45	1020.00	30.12	0.753	122.56	252.60	548.11			
7/3/99 19:00	1020.00	30.12	0.753	122.30	252.13	547.93	547.94		
7/3/99 19:15	1020.00	30.12	0.751	122.03	251.66	546.84			
7/3/99 19:30	1020.00	30.12	0.753	121.77	251.19	547.35			
7/3/99 19:45	1020.00	30.12	0.753	121.51	250.72	547.39			
7/3/99 20:00	1020.00	30.12	0.761	120.99	249.78	549.74	546.96		
7/3/99 20:15	1020.13	30.12	0.763	120.47	248.84	550.25			
7/3/99 20:30	1020.13	30.12	0.763	120.21	248.37	550.06			
7/3/99 20:45	1020.00	30.12	0.763	119.94	247.90	549.91			
7/3/99 21:00	1020.25	30.13	0.760	119.68	247.43	548.55	549.40		
7/3/99 21:15	1020.25	30.13	0.762	119.18	246.49	548.87			
7/3/99 21:30	1020.13	30.12	0.764	118.90	246.02	549.62			
7/3/99 21:45	1020.25	30.13	0.761	118.90	246.02	548.43			
7/3/99 22:00	1020.38	30.13	0.756	118.90	246.02	546.59	547.24		
7/3/99 22:15	1020.63	30.14	0.758	118.64	245.55	546.61			
7/3/99 22:30	1020.88	30.15	0.753	118.38	245.08	544.76			
7/3/99 22:45	1020.88	30.15	0.753	118.12	244.61	544.79			
7/3/99 23:00	1020.75	30.14	0.754	118.12	244.61	545.30	544.61		
7/3/99 23:15	1020.88	30.15	0.752	118.12	244.61	544.36			
7/3/99 23:30	1021.00	30.15	0.751	118.12	244.61	543.86			
7/3/99 23:45	1021.00	30.15	0.751	117.85	244.14	543.89			
7/4/99 0:00	1021.13	30.15	0.752	117.85	244.14	544.11	544.10		
7/4/99 0:15	1021.13	30.15	0.750	117.85	244.14	543.42			
7/4/99 0:30	1021.25	30.16	0.755	117.85	244.14	545.20			
7/4/99 0:45	1021.25	30.16	0.759	117.33	243.20	546.42			
7/4/99 1:00	1021.25	30.16	0.759	117.07	242.73	546.24	546.39		
7/4/99 1:15	1021.25	30.16	0.761	116.81	242.26	546.70			
7/4/99 1:30	1021.25	30.16	0.764	116.55	241.79	547.41			
7/4/99 1:45	1021.38	30.16	0.762	116.81	242.26	546.92			
7/4/99 2:00	1021.38	30.16	0.766	116.81	242.26	548.24	546.77		
7/4/99 2:15	1021.50	30.16	0.761	116.81	242.26	546.42			
7/4/99 2:30	1021.50	30.16	0.756	116.81	242.26	544.84			
7/4/99 2:45	1021.63	30.17	0.754	117.07	242.73	544.34			
7/4/99 3:00	1021.63	30.17	0.755	117.33	243.20	544.73	544.49		
7/4/99 3:15	1021.63	30.17	0.754	117.33	243.20	544.26			
7/4/99 3:30	1021.50	30.16	0.754	117.33	243.20	544.30			
7/4/99 3:45	1021.50	30.16	0.753	117.59	243.67	544.26			
7/4/99 4:00	1021.50	30.16	0.754	117.85	244.14	544.91	544.33		
7/4/99 4:15	1021.63	30.17	0.752	117.59	243.67	543.80			
7/4/99 4:30	1021.75	30.17	0.753	117.85	244.14	544.38			
7/4/99 4:45	1021.88	30.18	0.751	117.85	244.14	543.66			
7/4/99 5:00	1022.00	30.18	0.754	117.85	244.14	544.53	545.14		
7/4/99 5:15	1022.13	30.18	0.759	117.59	243.67	546.37			
7/4/99 5:30	1022.38	30.19	0.761	117.33	243.20	546.77			
7/4/99 5:45	1022.63	30.20	0.765	117.33	243.20	546.06			
7/4/99 6:00	1022.86	30.21	0.765	117.33	243.20	547.99	547.80		
7/4/99 6:15	1023.00	30.21	0.766	116.81	242.26	547.81			
7/4/99 6:30	1023.13	30.21	0.764	116.81	242.26	547.35			
7/4/99 6:45	1023.25	30.22	0.765	116.55	241.79	547.34			
7/4/99 7:00	1023.25	30.22	0.763	117.07	242.73	547.03	546.85		
7/4/99 7:15	1023.25	30.22	0.758	117.59	243.67	545.60			
7/4/99 7:30	1023.50	30.22	0.759	117.65	244.14	545.93			
7/4/99 7:45	1023.63	30.23	0.756	118.12	244.61	545.18			
7/4/99 8:00	1023.63	30.23	0.758	118.38	245.08	545.36	545.47		
7/4/99 8:15	1023.75	30.23	0.755	118.90	246.02	545.26			
7/4/99 8:30	1023.88	30.23	0.756	119.16	246.49	545.62			
7/4/99 8:45	1023.88	30.23	0.758	119.42	246.96	545.61			
7/4/99 9:00	1024.00	30.24	0.758	119.68	247.43	546.17	546.23		
7/4/99 9:15	1024.00	30.24	0.758	119.94	247.90	547.04			
7/4/99 9:30	1024.13	30.24	0.758	120.21	248.37	546.50			
7/4/99 9:45	1024.00	30.24	0.757	120.47	248.84	546.97			
7/4/99 10:00	1024.00	30.24	0.759	120.73	249.31	548.05	548.49		
7/4/99 10:15	1023.88	30.23	0.766	120.47	248.84	550.14			
7/4/99 10:30	1023.88	30.23	0.767	120.73	249.31	550.79			
7/4/99 10:45	1023.88	30.23	0.768	120.99	249.78	551.18			
7/4/99 11:00	1023.75	30.23	0.770	120.99	249.78	552.11	551.40		
7/4/99 11:15	1023.75	30.23	0.766	121.25	250.25	550.93			
7/4/99 11:30	1023.88	30.23	0.769	121.51	250.72	551.98			
7/4/99 11:45	1023.88	30.23	0.767	121.77	251.19	551.52			
7/4/99 12:00	1023.86	30.23	0.763	122.03	251.66	550.11	550.62		
7/4/99 12:15	1023.75	30.23	0.761	122.30	252.13	549.86			
7/4/99 12:30	1023.63	30.23	0.760	122.56	252.60	549.64			
7/4/99 12:45	1023.50	30.22	0.759	122.82	253.07	549.64			
7/4/99 13:00	1023.50	30.22	0.758	122.82	253.07	548.95	549.67		
7/4/99 13:15	1023.50	30.22	0.758	123.08	253.54	549.35			
7/4/99 13:30	1023.25	30.22	0.762	123.08	253.54	550.79			
7/4/99 13:45	1023.13	30.21	0.757	123.34	254.01	549.19			
7/4/99 14:00	1022.88	30.21	0.760	123.34	254.01	550.39	523.35		
7/4/99 14:15	1022.75	30.20	0.758	123.86	254.95	549.88			
7/4/99 14:30	1022.50	30.19	0.448	111.84	233.32	416.52			
7/4/99 14:45	1022.38	30.19	0.000	91.99	197.57	0.00			
7/4/99 15:00	1022.25	30.19	0.000	79.97	175.94	0.00	83.30		
7/4/99 15:15	1022.13	30.18	0.000	70.30	158.54	0.00			
7/4/99 15:30	1022.13	30.18	0.000	63.24	145.84	0.00			
7/4/99 15:45	1022.00	30.18	0.000	57.76	135.96	0.00			
7/4/99 16:00	1021.88	30.18	0.000	53.58	128.44	0.00	0.00		
7/4/99 16:15	1021.75	30.17	0.000	50.44	122.79	0.00			
7/4/99 16:30	1021.63	30.17	0.000	48.09	118.56	0.00			
7/4/99 16:45	1021.50	30.16	0.000	46.00	114.80	0.00			
7/4/99 17:00	1021.38	30.16	0.000	44.17	111.50	0.00	0.00		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/2/99 5:45	1015.00	29.97	0.758	114.98	238.96	545.98			
7/2/99 6:00	1015.25	29.98	0.758	114.98	238.96	545.91	545.48		
7/2/99 6:15	1015.38	29.98	0.757	115.24	239.43	545.63			
7/2/99 6:30	1015.38	29.98	0.753	114.98	238.96	544.07			
7/2/99 6:45	1015.63	29.99	0.753	115.76	240.37	544.34			
7/2/99 7:00	1015.88	30.00	0.750	116.02	240.84	543.55	543.76		
7/2/99 7:15	1016.00	30.00	0.749	116.02	240.84	543.30			
7/2/99 7:30	1016.00	30.00	0.750	116.02	240.84	543.52			
7/2/99 7:45	1016.13	30.01	0.752	116.02	240.84	544.17			
7/2/99 8:00	1016.25	30.01	0.751	116.02	240.84	543.67	543.70		
7/2/99 8:15	1016.50	30.02	0.750	116.02	240.84	543.38			
7/2/99 8:30	1016.63	30.02	0.751	116.29	241.32	543.75			
7/2/99 8:45	1016.75	30.02	0.748	116.29	241.32	542.59			
7/2/99 9:00	1016.75	30.02	0.749	116.55	241.79	543.21	544.13		
7/2/99 9:15	1016.88	30.03	0.755	116.02	240.84	545.09			
7/2/99 9:30	1018.88	30.03	0.758	116.02	240.84	545.99			
7/2/99 9:45	1016.88	30.03	0.759	116.02	240.84	546.68			
7/2/99 10:00	1017.13	30.04	0.758	116.02	240.84	545.93	546.53		
7/2/99 10:15	1017.38	30.04	0.759	116.29	241.32	546.73			
7/2/99 10:30	1017.50	30.05	0.761	116.29	241.32	547.34			
7/2/99 10:45	1017.63	30.05	0.762	116.29	241.32	547.56			
7/2/99 11:00	1017.88	30.06	0.758	116.29	241.32	545.91	546.29		
7/2/99 11:15	1018.00	30.06	0.756	116.55	241.79	545.37			
7/2/99 11:30	1018.25	30.07	0.755	116.81	242.26	545.27			
7/2/99 11:45	1018.38	30.07	0.757	116.81	242.26	545.92			
7/2/99 12:00	1018.50	30.08	0.753	117.07	242.73	544.70	545.47		
7/2/99 12:15	1018.63	30.08	0.756	117.33	243.20	545.97			
7/2/99 12:30	1018.75	30.08	0.755	117.33	243.20	545.50			
7/2/99 12:45	1018.63	30.08	0.753	117.59	243.87	545.03			
7/2/99 13:00	1018.63	30.08	0.755	118.12	244.61	546.08	545.55		
7/2/99 13:15	1018.50	30.08	0.753	118.38	245.08	545.39			
7/2/99 13:30	1018.50	30.08	0.753	118.90	246.02	545.76			
7/2/99 13:45	1018.38	30.07	0.751	119.16	246.49	545.50			
7/2/99 14:00	1018.25	30.07	0.758	118.90	246.02	547.85	547.81		
7/2/99 14:15	1018.13	30.07	0.763	119.16	246.49	549.87			
7/2/99 14:30	1018.13	30.07	0.764	119.16	246.49	550.09			
7/2/99 14:45	1018.00	30.06	0.764	119.42	246.96	550.56			
7/2/99 15:00	1017.88	30.06	0.763	119.42	246.96	549.91	550.68		
7/2/99 15:15	1017.88	30.06	0.766	119.88	247.43	551.42			
7/2/99 15:30	1017.75	30.05	0.766	119.94	247.90	551.42			
7/2/99 15:45	1017.75	30.05	0.763	119.94	247.90	550.52			
7/2/99 16:00	1017.50	30.05	0.763	120.21	248.37	550.77	550.21		
7/2/99 16:15	1017.63	30.05	0.759	120.73	249.31	549.51			
7/2/99 16:30	1017.75	30.05	0.757	120.73	249.31	548.83			
7/2/99 16:45	1017.75	30.05	0.756	120.73	249.31	548.36			
7/2/99 17:00	1017.50	30.05	0.755	121.25	250.25	548.57	548.77		
7/2/99 17:15	1017.63	30.05	0.759	121.51	250.72	550.06			
7/2/99 17:30	1017.63	30.05	0.754	121.25	250.25	548.06			
7/2/99 17:45	1017.63	30.05	0.756	121.25	250.25	548.97			
7/2/99 18:00	1017.63	30.05	0.754	121.51	250.72	548.24	548.45		
7/2/99 18:15	1017.75	30.05	0.756	121.51	250.72	549.12			
7/2/99 18:30	1017.75	30.05	0.754	120.99	249.78	547.85			
7/2/99 18:45	1017.63	30.05	0.750	120.99	249.78	546.53			
7/2/99 19:00	1017.50	30.05	0.751	120.73	249.31	546.82	548.28		
7/2/99 19:15	1017.63	30.05	0.761	120.21	248.37	550.05			
7/2/99 19:30	1017.63	30.05	0.763	119.68	247.43	550.16			
7/2/99 19:45	1017.75	30.05	0.764	119.42	246.96	550.37			
7/2/99 20:00	1017.75	30.05	0.764	119.16	246.49	550.19	549.87		
7/2/99 20:15	1017.75	30.05	0.761	118.90	246.02	549.10			
7/2/99 20:30	1017.88	30.06	0.763	118.90	246.02	549.54			
7/2/99 20:45	1017.88	30.06	0.762	118.12	244.61	548.77			
7/2/99 21:00	1018.00	30.06	0.759	118.12	244.61	547.59	547.85		
7/2/99 21:15	1017.88	30.06	0.758	117.85	244.14	547.00			
7/2/99 21:30	1018.13	30.07	0.753	117.85	244.14	545.35			
7/2/99 21:45	1018.00	30.06	0.754	117.59	243.67	545.67			
7/2/99 22:00	1018.13	30.07	0.753	117.33	243.20	544.98	545.14		
7/2/99 22:15	1018.25	30.07	0.753	117.33	243.20	544.95			
7/2/99 22:30	1018.25	30.07	0.753	117.33	243.20	544.73			
7/2/99 22:45	1018.38	30.07	0.749	117.07	242.73	543.39			
7/2/99 23:00	1018.63	30.08	0.748	117.33	243.20	543.04	543.88		
7/2/99 23:15	1018.88	30.09	0.751	117.07	242.73	543.69			
7/2/99 23:30	1018.88	30.09	0.753	117.33	243.20	544.56			
7/2/99 23:45	1018.88	30.09	0.752	116.81	242.26	543.98			
7/3/99 0:00	1018.88	30.09	0.761	116.55	241.79	546.94	545.90		
7/3/99 0:15	1019.13	30.09	0.761	116.55	241.79	546.67			
7/3/99 0:30	1019.25	30.10	0.762	116.29	241.32	547.12			
7/3/99 0:45	1019.00	30.09	0.759	116.29	241.32	546.29			
7/3/99 1:00	1018.75	30.08	0.761	116.29	241.32	547.00	546.68		
7/3/99 1:15	1018.63	30.08	0.759	116.29	241.32	546.39			
7/3/99 1:30	1018.63	30.08	0.759	116.55	241.79	546.57			
7/3/99 1:45	1018.75	30.08	0.754	116.55	241.79	544.48			
7/3/99 2:00	1019.00	30.09	0.752	116.81	242.26	543.95	544.81		
7/3/99 2:15	1019.00	30.09	0.756	116.81	242.26	545.29			
7/3/99 2:30	1018.75	30.08	0.751	116.81	242.26	543.76			
7/3/99 2:45	1018.63	30.08	0.752	116.81	242.26	544.05			
7/3/99 3:00	1018.63	30.08	0.753	116.81	242.26	544.27	543.92		
7/3/99 3:15	1018.75	30.08	0.752	116.81	242.26	544.02			
7/3/99 3:30	1018.88	30.09	0.751	116.81	242.26	543.51			
7/3/99 3:45	1018.88	30.09	0.753	116.81	242.26	544.20			
7/3/99 4:00	1018.75	30.08	0.749	116.81	242.26	542.66	544.48		
7/3/99 4:15	1019.00	30.09	0.754	116.81	242.26	544.85			
7/3/99 4:30	1019.63	30.11	0.761	116.55	241.79	546.95			
7/3/99 4:45	1019.88	30.12	0.761	116.29	241.32	546.70			
7/3/99 5:00	1020.00	30.12	0.763	116.02	240.84	547.17	546.79		
7/3/99 5:15	1020.00	30.12	0.760	116.02	240.84	546.05			
7/3/99 5:30	1020.38	30.13	0.763	116.02	240.84	547.07			
7/3/99 5:45	1020.63	30.14	0.761	116.02	240.84	546.10			
7/3/99 6:00	1020.63	30.14	0.760	116.29	241.32	546.07	545.83		
7/3/99 6:15	1020.88	30.15	0.759	116.29	241.32	545.54			
7/3/99 6:30	1021.00	30.15	0.755	116.55	241.79	544.35			
7/3/99 6:45	1021.13	30.15	0.757	116.55	241.79	545.00			
7/3/99 7:00	1021.00	30.15	0.753	116.81	242.26	543.85	544.67		
7/3/99 7:15	1020.88	30.15	0.755	116.81	242.26	544.57			
7/3/99 7:30	1021.00	30.15	0.757	117.33	243.20	545.59			
7/3/99 7:45	1021.00	30.15	0.754	117.33	243.20	544.43			
7/3/99 8:00	1021.00	30.15	0.753	117.59	243.67	544.40	544.69		
7/3/99 8:15	1021.13	30.15	0.753	117.85	244.14	544.33			
7/3/99 8:30	1021.13	30.15	0.753	118.12	244.61	544.73			
7/3/99 8:45	1021.00	30.15	0.753	118.38	245.08	544.94			
7/3/99 9:00	1020.88	30.15	0.759	118.12	244.61	546.82	546.90		
7/3/99 9:15	1021.00	30.15	0.763	118.12	244.61	546.15			
7/3/99 9:30	1021.38	30.16	0.768	118.12	244.61	549.84			
7/3/99 9:45	1021.25	30.16	0.765	118.12	244.61	548.98			
7/3/99 10:00	1021.00	30.15	0.765	118.38	245.08	549.23	549.61		
7/3/99 10:15	1021.00	30.15	0.766	118.38	245.08	549.45			
7/3/99 10:30	1020.88	30.15	0.768	118.90	246.02	550.53			
7/3/99 10:45	1020.75	30.14	0.764	119.16	246.49	549.36			
7/3/99 11:00	1020.75	30.14	0.764	119.42	246.96	549.81	549.43		
7/3/99 11:15	1020.75	30.14	0.761	119.68	247.43	548.84			

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
7/1/99 0:00	1013.75	29.94	0.745	114.98	238.96	541.57	541.93		
7/1/99 0:15	1013.50	29.93	0.748	114.98	238.96	542.55			
7/1/99 0:30	1013.63	29.93	0.749	114.20	237.55	542.40			
7/1/99 0:45	1013.50	29.93	0.754	114.46	238.02	544.43			
7/1/99 1:00	1013.13	29.92	0.753	113.67	236.61	543.54	543.71		
7/1/99 1:15	1012.50	29.90	0.754	113.67	236.61	544.15			
7/1/99 1:30	1012.63	29.90	0.753	114.20	237.55	544.05			
7/1/99 1:45	1012.75	29.91	0.749	113.15	235.67	542.16			
7/1/99 2:00	1012.75	29.91	0.751	113.15	235.67	542.59	542.13		
7/1/99 2:15	1012.50	29.90	0.746	113.41	236.14	541.03			
7/1/99 2:30	1012.50	29.90	0.745	113.41	236.14	540.81			
7/1/99 2:45	1012.63	29.90	0.743	114.20	237.55	540.64			
7/1/99 3:00	1012.50	29.90	0.746	115.50	239.90	542.49	540.77		
7/1/99 3:15	1012.50	29.90	0.741	113.93	237.08	539.80			
7/1/99 3:30	1012.50	29.90	0.743	113.67	236.61	540.09			
7/1/99 3:45	1012.13	29.89	0.743	115.50	239.90	541.46			
7/1/99 4:00	1012.50	29.90	0.743	114.98	238.96	541.22	541.14		
7/1/99 4:15	1012.75	29.91	0.744	114.98	238.96	541.37			
7/1/99 4:30	1012.75	29.91	0.744	115.24	239.43	541.55			
7/1/99 4:45	1012.75	29.91	0.748	115.24	239.43	542.93			
7/1/99 5:00	1012.63	29.90	0.751	114.98	238.96	544.13	543.48		
7/1/99 5:15	1012.38	29.90	0.752	114.72	238.49	544.26			
7/1/99 5:30	1012.13	29.89	0.753	114.72	238.49	544.55			
7/1/99 5:45	1012.13	29.89	0.748	114.72	238.49	542.73			
7/1/99 6:00	1012.25	29.89	0.753	114.72	238.49	544.73	544.08		
7/1/99 6:15	1012.38	29.90	0.754	114.72	238.49	544.91			
7/1/99 6:30	1012.13	29.89	0.750	114.46	238.02	543.46			
7/1/99 6:45	1012.00	29.88	0.748	114.46	238.02	542.59			
7/1/99 7:00	1012.00	29.88	0.746	114.46	238.02	541.90	542.16		
7/1/99 7:15	1012.00	29.88	0.745	114.46	238.02	541.68			
7/1/99 7:30	1011.75	29.88	0.743	114.98	238.96	541.20			
7/1/99 7:45	1011.38	29.87	0.742	115.24	239.43	541.26			
7/1/99 8:00	1010.88	29.85	0.741	114.98	238.96	540.96	541.31		
7/1/99 8:15	1010.63	29.84	0.742	115.50	239.90	541.65			
7/1/99 8:30	1010.88	29.85	0.741	115.76	240.37	541.50			
7/1/99 8:45	1010.88	29.85	0.742	116.29	241.32	542.12			
7/1/99 9:00	1011.13	29.88	0.739	116.55	241.79	541.07	545.13		
7/1/99 9:15	1011.25	29.88	0.784	114.46	238.02	555.77			
7/1/99 9:30	1011.38	29.87	0.751	116.29	241.32	545.16			
7/1/99 9:45	1011.38	29.87	0.751	116.55	241.79	545.34			
7/1/99 10:00	1011.25	29.88	0.749	116.55	241.79	544.94	545.28		
7/1/99 10:15	1011.13	29.88	0.749	116.29	241.32	544.79			
7/1/99 10:30	1011.00	29.85	0.753	116.29	241.32	546.17			
7/1/99 10:45	1011.00	29.85	0.753	116.55	241.79	546.13			
7/1/99 11:00	1011.13	29.88	0.753	116.81	242.26	546.26	546.13		
7/1/99 11:15	1011.25	29.88	0.754	117.07	242.73	546.87			
7/1/99 11:30	1011.38	29.87	0.749	117.33	243.20	545.20			
7/1/99 11:45	1011.63	29.87	0.749	117.59	243.67	545.57			
7/1/99 12:00	1011.63	29.87	0.749	117.85	244.14	545.50	545.38		
7/1/99 12:15	1011.50	29.87	0.746	118.38	245.08	544.98			
7/1/99 12:30	1011.38	29.87	0.748	118.64	245.55	545.67			
7/1/99 12:45	1011.38	29.87	0.748	118.90	246.02	545.85			
7/1/99 13:00	1011.13	29.86	0.746	119.16	246.49	545.63	545.68		
7/1/99 13:15	1010.88	29.85	0.744	119.16	246.49	545.04			
7/1/99 13:30	1010.63	29.84	0.747	119.42	246.96	546.20			
7/1/99 13:45	1010.38	29.84	0.745	119.42	246.96	545.57			
7/1/99 14:00	1010.50	29.84	0.743	119.16	246.49	544.66	545.41		
7/1/99 14:15	1010.25	29.83	0.744	119.16	246.49	545.20			
7/1/99 14:30	1010.38	29.84	0.745	119.16	246.49	545.39			
7/1/99 14:45	1010.50	29.84	0.751	118.38	245.08	546.86			
7/1/99 15:00	1010.63	29.84	0.753	118.12	244.61	547.33	546.73		
7/1/99 15:15	1011.13	29.86	0.753	117.85	244.14	547.23			
7/1/99 15:30	1011.38	29.87	0.754	117.07	242.73	546.83			
7/1/99 15:45	1011.38	29.87	0.757	116.55	241.79	547.83			
7/1/99 16:00	1011.25	29.86	0.755	116.02	240.84	546.60	546.42		
7/1/99 16:15	1011.00	29.85	0.753	116.02	240.84	545.98			
7/1/99 16:30	1011.00	29.85	0.751	116.02	240.84	545.08			
7/1/99 16:45	1010.88	29.85	0.748	116.02	240.84	543.96			
7/1/99 17:00	1010.38	29.84	0.744	116.29	241.32	542.92	544.26		
7/1/99 17:15	1010.50	29.84	0.749	116.55	241.79	545.14			
7/1/99 17:30	1010.50	29.84	0.746	116.81	242.26	544.16			
7/1/99 17:45	1010.50	29.84	0.744	116.81	242.26	543.25			
7/1/99 18:00	1010.50	29.84	0.743	117.07	242.73	543.21	543.83		
7/1/99 18:15	1010.38	29.84	0.744	117.33	243.20	543.90			
7/1/99 18:30	1010.38	29.84	0.744	117.33	243.20	543.64			
7/1/99 18:45	1010.25	29.83	0.743	117.59	243.67	543.42			
7/1/99 19:00	1010.38	29.84	0.744	117.59	243.67	544.06	544.51		
7/1/99 19:15	1010.50	29.84	0.749	117.33	243.20	545.69			
7/1/99 19:30	1010.75	29.85	0.751	116.81	242.26	545.69			
7/1/99 19:45	1010.75	29.85	0.754	116.81	242.26	547.07			
7/1/99 20:00	1010.63	29.84	0.756	116.55	241.79	547.58	546.76		
7/1/99 20:15	1011.00	29.85	0.754	116.55	241.79	546.82			
7/1/99 20:30	1010.75	29.85	0.754	116.55	241.79	546.64			
7/1/99 20:45	1010.75	29.85	0.753	116.81	242.26	546.60			
7/1/99 21:00	1010.75	29.85	0.752	116.55	241.79	545.98	545.89		
7/1/99 21:15	1011.13	29.86	0.750	116.55	241.79	545.19			
7/1/99 21:30	1010.88	29.85	0.749	116.55	241.79	545.04			
7/1/99 21:45	1011.25	29.86	0.747	116.55	241.79	544.03			
7/1/99 22:00	1011.38	29.87	0.744	116.55	241.79	542.63	543.86		
7/1/99 22:15	1011.38	29.87	0.746	116.55	241.79	543.74			
7/1/99 22:30	1012.00	29.88	0.747	116.29	241.32	543.65			
7/1/99 22:45	1012.38	29.90	0.746	116.02	240.84	543.11			
7/1/99 23:00	1012.63	29.90	0.743	116.29	241.32	542.09	542.65		
7/1/99 23:15	1012.75	29.91	0.745	116.02	240.84	542.57			
7/1/99 23:30	1012.88	29.91	0.743	116.02	240.84	541.84			
7/1/99 23:45	1013.00	29.91	0.743	116.02	240.84	541.81			
7/2/99 0:00	1013.00	29.91	0.751	115.76	240.37	544.36	543.88		
7/2/99 0:15	1013.13	29.92	0.754	115.76	240.37	545.70			
7/2/99 0:30	1013.36	29.92	0.755	115.50	239.90	545.66			
7/2/99 0:45	1013.38	29.92	0.754	115.24	239.43	545.26			
7/2/99 1:00	1013.50	29.93	0.757	115.24	239.43	546.13	545.96		
7/2/99 1:15	1013.63	29.93	0.759	115.24	239.43	546.75			
7/2/99 1:30	1013.63	29.93	0.757	115.24	239.43	546.10			
7/2/99 1:45	1013.75	29.94	0.756	115.50	239.90	546.00			
7/2/99 2:00	1013.75	29.94	0.752	115.76	240.37	544.63	544.73		
7/2/99 2:15	1013.88	29.94	0.751	115.50	239.90	543.94			
7/2/99 2:30	1013.88	29.94	0.748	115.76	240.37	543.00			
7/2/99 2:45	1014.00	29.94	0.746	115.50	239.90	542.31			
7/2/99 3:00	1014.00	29.94	0.746	116.02	240.84	543.14	542.76		
7/2/99 3:15	1014.00	29.94	0.745	116.02	240.84	542.24			
7/2/99 3:30	1014.13	29.95	0.748	116.02	240.84	543.11			
7/2/99 3:45	1014.13	29.95	0.746	116.02	240.84	542.42			
7/2/99 4:00	1014.13	29.95	0.747	116.02	240.84	542.89	542.93		
7/2/99 4:15	1014.25	29.95	0.746	116.02	240.84	542.39			
7/2/99 4:30	1014.38	29.95	0.751	115.24	239.43	543.84			
7/2/99 4:45	1014.38	29.95	0.754	115.24	239.43	544.74			
7/2/99 5:00	1014.50	29.96	0.757	114.72	238.49	545.50	545.14		
7/2/99 5:15	1014.75	29.97	0.758	114.98	238.96	545.83			
7/2/99 5:30	1014.88	29.97	0.758	114.98	238.96	545.80			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/29/99 18:15	1011.38	29.87	0.751	116.81	242.26	545.52			
6/29/99 18:30	1011.50	29.87	0.754	116.81	242.26	546.87			
6/29/99 18:45	1011.50	29.87	0.752	116.55	241.79	545.78			
6/29/99 19:00	1011.50	29.87	0.752	116.55	241.79	545.78	545.77		
6/29/99 19:15	1011.63	29.87	0.752	116.55	241.79	545.75			
6/29/99 19:30	1011.63	29.87	0.749	116.29	241.32	544.66			
6/29/99 19:45	1011.50	29.87	0.752	116.29	241.32	545.60			
6/29/99 20:00	1011.63	29.87	0.753	116.02	240.84	545.82	546.04		
6/29/99 20:15	1011.63	29.87	0.756	115.50	239.90	546.57			
6/29/99 20:30	1011.63	29.87	0.759	115.24	239.43	547.54			
6/29/99 20:45	1011.75	29.88	0.758	114.98	238.96	546.64			
6/29/99 21:00	1012.00	29.88	0.758	114.72	238.49	546.60	546.88		
6/29/99 21:15	1012.38	29.90	0.760	114.20	237.55	546.82			
6/29/99 21:30	1012.63	29.90	0.761	113.93	237.08	546.78			
6/29/99 21:45	1013.25	29.92	0.759	113.67	236.61	545.75			
6/29/99 22:00	1013.63	29.93	0.759	113.67	236.61	545.64	545.40		
6/29/99 22:15	1014.00	29.94	0.756	113.67	236.61	544.64			
6/29/99 22:30	1014.25	29.95	0.756	113.41	236.14	544.16			
6/29/99 22:45	1014.00	29.94	0.753	113.67	236.61	543.31			
6/29/99 23:00	1013.88	29.94	0.753	113.15	235.67	543.19	543.11		
6/29/99 23:15	1013.88	29.94	0.753	113.41	236.14	543.16			
6/29/99 23:30	1013.50	29.93	0.749	113.15	235.67	541.70			
6/29/99 23:45	1013.38	29.92	0.752	112.63	234.73	542.53			
6/30/99 0:00	1013.38	29.92	0.748	112.63	234.73	541.15	541.52		
6/30/99 0:15	1013.50	29.93	0.749	112.63	234.73	541.34			
6/30/99 0:30	1013.63	29.93	0.748	112.63	234.73	540.87			
6/30/99 0:45	1013.63	29.93	0.751	112.63	234.73	541.99			
6/30/99 1:00	1013.75	29.94	0.755	112.11	233.79	543.18	542.70		
6/30/99 1:15	1013.75	29.94	0.756	111.84	233.32	543.21			
6/30/99 1:30	1013.63	29.93	0.759	111.32	232.38	544.24			
6/30/99 1:45	1013.63	29.93	0.758	111.32	232.38	543.77			
6/30/99 2:00	1013.63	29.93	0.759	111.32	232.38	543.98	543.63		
6/30/99 2:15	1013.75	29.94	0.759	111.32	232.38	544.20			
6/30/99 2:30	1013.50	29.93	0.756	111.06	231.91	542.94			
6/30/99 2:45	1013.50	29.93	0.752	111.06	231.91	541.39			
6/30/99 3:00	1013.50	29.93	0.751	111.06	231.91	541.14	541.36		
6/30/99 3:15	1013.63	29.93	0.749	111.32	232.38	540.39			
6/30/99 3:30	1013.50	29.93	0.751	111.06	231.91	540.92			
6/30/99 3:45	1013.50	29.93	0.748	111.32	232.38	540.20			
6/30/99 4:00	1013.38	29.92	0.750	111.06	231.91	540.74	540.37		
6/30/99 4:15	1013.50	29.93	0.748	111.32	232.38	539.99			
6/30/99 4:30	1013.63	29.93	0.748	111.06	231.91	539.99			
6/30/99 4:45	1013.75	29.94	0.749	111.06	231.91	540.17			
6/30/99 5:00	1013.75	29.94	0.745	111.06	231.91	538.83	540.04		
6/30/99 5:15	1013.63	29.93	0.748	110.80	231.44	539.80			
6/30/99 5:30	1013.63	29.93	0.753	110.80	231.44	541.39			
6/30/99 5:45	1013.75	29.94	0.754	110.54	230.97	541.85			
6/30/99 6:00	1013.75	29.94	0.756	110.54	230.97	542.29	542.37		
6/30/99 6:15	1013.88	29.94	0.758	110.54	230.97	542.93			
6/30/99 6:30	1013.75	29.94	0.758	110.80	231.44	543.37			
6/30/99 6:45	1013.75	29.94	0.755	110.80	231.44	542.25			
6/30/99 7:00	1013.50	29.93	0.753	111.06	231.91	541.82	541.74		
6/30/99 7:15	1013.38	29.92	0.749	111.32	232.38	540.45			
6/30/99 7:30	1013.38	29.92	0.749	111.84	233.32	540.82			
6/30/99 7:45	1013.63	29.93	0.748	112.11	233.79	540.72			
6/30/99 8:00	1013.75	29.94	0.751	112.37	234.26	541.77	541.15		
6/30/99 8:15	1014.00	29.94	0.748	112.89	235.20	541.17			
6/30/99 8:30	1014.25	29.95	0.748	113.15	235.67	541.29			
6/30/99 8:45	1014.25	29.95	0.750	113.41	236.14	542.16			
6/30/99 9:00	1014.13	29.95	0.749	113.93	237.08	542.34	542.22		
6/30/99 9:15	1014.00	29.94	0.750	113.93	237.08	542.59			
6/30/99 9:30	1014.13	29.95	0.749	114.46	238.02	542.71			
6/30/99 9:45	1014.25	29.95	0.754	114.46	238.02	544.23			
6/30/99 10:00	1014.38	29.95	0.758	114.46	238.02	545.56	545.01		
6/30/99 10:15	1014.38	29.95	0.759	114.72	238.49	546.43			
6/30/99 10:30	1014.63	29.96	0.759	114.72	238.49	546.11			
6/30/99 10:45	1014.63	29.96	0.761	114.96	238.96	547.19			
6/30/99 11:00	1014.50	29.96	0.759	115.24	239.43	546.77	546.78		
6/30/99 11:15	1014.38	29.95	0.760	115.24	239.43	547.01			
6/30/99 11:30	1014.38	29.95	0.759	115.24	239.43	546.60			
6/30/99 11:45	1014.50	29.96	0.755	115.78	240.37	545.55			
6/30/99 12:00	1014.50	29.96	0.754	116.29	241.32	545.89	545.70		
6/30/99 12:15	1014.38	29.95	0.753	116.55	241.79	545.44			
6/30/99 12:30	1014.38	29.95	0.753	116.29	241.32	545.04			
6/30/99 12:45	1014.25	29.95	0.753	116.55	241.79	545.26			
6/30/99 13:00	1014.00	29.94	0.751	117.33	243.20	545.40	545.40		
6/30/99 13:15	1014.25	29.95	0.751	117.33	243.20	545.12			
6/30/99 13:30	1014.38	29.95	0.753	117.59	243.67	546.17			
6/30/99 13:45	1014.25	29.95	0.753	117.59	243.67	546.20			
6/30/99 14:00	1014.38	29.95	0.752	117.59	243.67	545.74	545.70		
6/30/99 14:15	1014.13	29.95	0.749	117.85	244.14	545.08			
6/30/99 14:30	1014.13	29.95	0.750	117.85	244.14	545.30			
6/30/99 14:45	1014.13	29.95	0.756	117.85	244.14	547.33			
6/30/99 15:00	1014.00	29.94	0.759	117.85	244.14	548.74	547.82		
6/30/99 15:15	1014.25	29.95	0.761	117.85	244.14	549.32			
6/30/99 15:30	1014.25	29.95	0.759	117.85	244.14	548.42			
6/30/99 15:45	1014.25	29.95	0.763	117.85	244.14	549.79			
6/30/99 16:00	1014.13	29.95	0.763	117.85	244.14	549.82	549.50		
6/30/99 16:15	1014.00	29.94	0.763	118.12	244.61	550.04			
6/30/99 16:30	1013.88	29.94	0.761	117.85	244.14	549.42			
6/30/99 16:45	1013.75	29.94	0.757	118.12	244.61	548.08			
6/30/99 17:00	1013.63	29.93	0.756	118.38	245.08	547.83	548.01		
6/30/99 17:15	1013.50	29.93	0.754	118.38	245.08	547.43			
6/30/99 17:30	1013.13	29.92	0.754	118.38	245.08	547.27			
6/30/99 17:45	1013.00	29.91	0.752	118.38	245.08	546.85			
6/30/99 18:00	1013.00	29.91	0.752	118.38	245.08	546.65	546.73		
6/30/99 18:15	1012.88	29.91	0.752	118.64	245.55	546.87			
6/30/99 18:30	1012.88	29.91	0.751	118.38	245.08	546.21			
6/30/99 18:45	1012.75	29.91	0.752	118.38	245.08	546.72			
6/30/99 19:00	1012.88	29.91	0.751	118.38	245.08	546.21	546.25		
6/30/99 19:15	1012.75	29.91	0.750	118.38	245.08	546.03			
6/30/99 19:30	1012.75	29.91	0.751	118.12	244.61	546.07			
6/30/99 19:45	1012.75	29.91	0.753	117.59	243.67	546.61			
6/30/99 20:00	1012.75	29.91	0.756	117.33	243.20	548.24	547.40		
6/30/99 20:15	1012.88	29.91	0.757	117.07	242.73	547.59			
6/30/99 20:30	1013.00	29.91	0.761	118.55	241.79	548.52			
6/30/99 20:45	1013.00	29.91	0.758	118.55	241.79	547.62			
6/30/99 21:00	1013.00	29.91	0.759	118.29	241.32	547.91	547.47		
6/30/99 21:15	1013.13	29.92	0.758	115.78	240.37	546.82			
6/30/99 21:30	1013.00	29.91	0.758	115.24	239.43	548.48			
6/30/99 21:45	1013.00	29.91	0.758	115.24	239.43	546.48			
6/30/99 22:00	1013.13	29.92	0.751	114.98	238.96	543.77	544.75		
6/30/99 22:15	1013.25	29.92	0.749	114.98	238.96	543.05			
6/30/99 22:30	1013.25	29.92	0.751	114.98	238.96	543.96			
6/30/99 22:45	1013.38	29.92	0.747	114.98	238.96	542.36			
6/30/99 23:00	1013.63	29.93	0.747	114.72	238.49	542.12	542.54		
6/30/99 23:15	1013.75	29.94	0.748	114.98	238.96	542.70			
6/30/99 23:30	1013.88	29.94	0.748	114.72	238.49	541.58			
6/30/99 23:45	1013.88	29.94	0.745	114.98	238.96	541.54			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/28/99 12:30	1007.75	29.78	0.762	116.12	244.61	551.52			
6/28/99 12:45	1008.13	29.77	0.759	118.36	245.08	550.45			
6/28/99 13:00	1008.13	29.77	0.756	118.90	246.02	549.90	550.48		
6/28/99 13:15	1008.13	29.77	0.756	119.16	246.49	549.87			
6/28/99 13:30	1008.38	29.78	0.758	119.42	246.96	550.68			
6/28/99 13:45	1008.38	29.78	0.756	119.42	246.96	550.20			
6/28/99 14:00	1008.00	29.77	0.754	119.42	246.96	549.65	550.08		
6/28/99 14:15	1007.75	29.76	0.754	119.88	247.43	549.90			
6/28/99 14:30	1007.50	29.75	0.754	119.68	247.43	549.97			
6/28/99 14:45	1007.63	29.76	0.753	119.94	247.90	549.42			
6/28/99 15:00	1007.63	29.76	0.754	119.68	247.43	549.68	549.41		
6/28/99 15:15	1007.38	29.75	0.754	119.68	247.43	549.75			
6/28/99 15:30	1007.38	29.75	0.750	119.42	246.96	548.21			
6/28/99 15:45	1007.13	29.74	0.753	119.16	246.49	549.01			
6/28/99 16:00	1006.88	29.73	0.751	118.90	246.02	548.20	546.15		
6/28/99 16:15	1006.50	29.72	0.749	118.90	246.02	547.61			
6/28/99 16:30	1006.38	29.72	0.749	118.64	245.55	547.72			
6/28/99 16:45	1006.25	29.71	0.756	118.12	244.61	549.87			
6/28/99 17:00	1006.25	29.71	0.759	117.59	243.67	550.41	549.55		
6/28/99 17:15	1006.00	29.71	0.757	117.33	243.20	549.64			
6/28/99 17:30	1005.88	29.70	0.758	117.33	243.20	550.11			
6/28/99 17:45	1005.63	29.70	0.759	117.33	243.20	550.39			
6/28/99 18:00	1005.63	29.70	0.761	117.33	243.20	551.08	550.37		
6/28/99 18:15	1005.50	29.69	0.757	117.33	243.20	549.77			
6/28/99 18:30	1005.25	29.69	0.759	117.33	243.20	550.50			
6/28/99 18:45	1005.38	29.69	0.758	117.33	243.20	550.24			
6/28/99 19:00	1004.88	29.67	0.757	117.07	242.73	549.76	549.31		
6/28/99 19:15	1005.00	29.68	0.753	117.07	242.73	548.13			
6/28/99 19:30	1005.13	29.68	0.753	116.81	242.26	547.91			
6/28/99 19:45	1005.25	29.69	0.751	116.81	242.26	547.40			
6/28/99 20:00	1005.38	29.69	0.750	116.55	241.79	546.75	546.97		
6/28/99 20:15	1005.50	29.69	0.751	116.55	241.79	546.93			
6/28/99 20:30	1005.50	29.69	0.748	116.29	241.32	545.84			
6/28/99 20:45	1005.50	29.69	0.747	116.02	240.84	545.22			
6/28/99 21:00	1005.38	29.69	0.748	116.02	240.84	545.69	545.45		
6/28/99 21:15	1005.25	29.69	0.748	116.02	240.84	545.50			
6/28/99 21:30	1005.38	29.69	0.746	116.02	240.84	545.00			
6/28/99 21:45	1005.75	29.70	0.747	116.02	240.84	545.15			
6/28/99 22:00	1005.75	29.70	0.747	116.02	240.84	545.15	545.08		
6/28/99 22:15	1005.75	29.70	0.746	116.02	240.84	544.89			
6/28/99 22:30	1005.75	29.70	0.748	115.50	239.90	545.22			
6/28/99 22:45	1005.88	29.70	0.755	115.24	239.43	547.51			
6/28/99 23:00	1006.00	29.71	0.758	115.24	239.43	548.38	547.60		
6/28/99 23:15	1006.00	29.71	0.758	115.24	239.43	548.38			
6/28/99 23:30	1006.38	29.72	0.758	115.24	239.43	548.50			
6/28/99 23:45	1006.88	29.73	0.759	115.24	239.43	548.58			
6/29/99 0:00	1006.88	29.73	0.759	114.98	238.96	548.39	548.10		
6/29/99 0:15	1007.00	29.74	0.757	114.72	238.49	547.52			
6/29/99 0:30	1006.13	29.71	0.756	114.72	238.49	547.51			
6/29/99 0:45	1006.00	29.71	0.752	114.72	238.49	545.98			
6/29/99 1:00	1006.00	29.71	0.748	114.72	238.49	544.38	545.39		
6/29/99 1:15	1005.88	29.70	0.748	114.72	238.49	544.42			
6/29/99 1:30	1005.88	29.70	0.748	114.72	238.49	544.64			
6/29/99 1:45	1005.75	29.70	0.746	114.72	238.49	543.76			
6/29/99 2:00	1005.63	29.70	0.746	114.72	238.49	544.49	544.24		
6/29/99 2:15	1005.63	29.70	0.748	114.72	238.49	544.49			
6/29/99 2:30	1005.50	29.69	0.746	114.72	238.49	543.83			
6/29/99 2:45	1005.25	29.69	0.744	114.72	238.49	543.46			
6/29/99 3:00	1005.13	29.68	0.745	114.72	238.49	543.71	543.47		
6/29/99 3:15	1005.00	29.68	0.744	114.72	238.49	543.52			
6/29/99 3:30	1005.00	29.68	0.743	114.72	238.49	542.83			
6/29/99 3:45	1004.88	29.67	0.744	114.72	238.49	543.30			
6/29/99 4:00	1004.88	29.67	0.750	114.72	238.49	545.60	544.79		
6/29/99 4:15	1005.00	29.68	0.753	114.20	237.55	546.32			
6/29/99 4:30	1005.13	29.68	0.753	113.93	237.08	545.89			
6/29/99 4:45	1005.13	29.68	0.756	113.93	237.08	547.23			
6/29/99 5:00	1005.25	29.69	0.753	113.93	237.08	546.07	546.47		
6/29/99 5:15	1005.38	29.69	0.754	113.93	237.08	546.51			
6/29/99 5:30	1005.63	29.70	0.755	113.93	237.08	546.66			
6/29/99 5:45	1005.75	29.70	0.754	113.93	237.08	546.41			
6/29/99 6:00	1005.88	29.70	0.751	114.20	237.55	545.40	545.85		
6/29/99 6:15	1006.00	29.71	0.751	114.46	238.02	545.55			
6/29/99 6:30	1006.25	29.71	0.750	114.72	238.49	545.23			
6/29/99 6:45	1006.38	29.72	0.749	114.72	238.49	544.97			
6/29/99 7:00	1006.50	29.72	0.751	114.72	238.49	545.38	545.18		
6/29/99 7:15	1006.63	29.73	0.750	114.98	238.96	545.31			
6/29/99 7:30	1006.88	29.73	0.749	114.98	238.96	545.02			
6/29/99 7:45	1007.25	29.74	0.746	115.24	239.43	544.41			
6/29/99 8:00	1007.63	29.76	0.747	114.98	238.96	543.91	544.20		
6/29/99 8:15	1007.88	29.76	0.748	114.72	238.49	544.10			
6/29/99 8:30	1008.00	29.77	0.748	114.98	238.96	543.55			
6/29/99 8:45	1008.13	29.77	0.747	114.98	238.96	543.78			
6/29/99 9:00	1008.25	29.77	0.748	114.98	238.96	543.27	544.50		
6/29/99 9:15	1008.38	29.78	0.753	114.98	238.96	545.96			
6/29/99 9:30	1008.75	29.79	0.754	114.46	238.02	545.96			
6/29/99 9:45	1009.00	29.80	0.758	114.46	238.02	547.01			
6/29/99 10:00	1009.13	29.80	0.757	114.20	237.55	546.58	548.76		
6/29/99 10:15	1009.38	29.81	0.758	114.46	238.02	546.91			
6/29/99 10:30	1009.38	29.81	0.758	114.72	238.49	547.31			
6/29/99 10:45	1009.50	29.81	0.759	114.72	238.49	547.75			
6/29/99 11:00	1009.63	29.81	0.759	114.72	238.49	547.46	547.29		
6/29/99 11:15	1009.88	29.82	0.756	114.98	238.96	546.68			
6/29/99 11:30	1010.13	29.83	0.756	115.24	239.43	547.28			
6/29/99 11:45	1010.38	29.84	0.756	115.50	239.90	546.69			
6/29/99 12:00	1010.50	29.84	0.755	115.76	240.37	546.62	546.35		
6/29/99 12:15	1010.75	29.85	0.754	116.02	240.84	546.27			
6/29/99 12:30	1011.00	29.85	0.751	115.76	240.37	544.89			
6/29/99 12:45	1011.25	29.86	0.755	116.02	240.84	546.60			
6/29/99 13:00	1011.38	29.87	0.751	116.02	240.84	545.19	545.50		
6/29/99 13:15	1011.50	29.87	0.751	116.02	240.84	545.16			
6/29/99 13:30	1011.50	29.87	0.753	116.02	240.84	545.63			
6/29/99 13:45	1011.63	29.87	0.751	115.76	240.37	544.73			
6/29/99 14:00	1011.63	29.87	0.749	116.02	240.84	544.47	545.00		
6/29/99 14:15	1011.75	29.88	0.751	116.02	240.84	545.09			
6/29/99 14:30	1011.88	29.88	0.751	116.02	240.84	545.06			
6/29/99 14:45	1011.88	29.86	0.759	115.76	240.37	547.84			
6/29/99 15:00	1011.88	29.88	0.758	115.76	240.37	547.37	547.23		
6/29/99 15:15	1011.88	29.88	0.760	115.76	240.37	548.06			
6/29/99 15:30	1012.00	29.86	0.760	115.50	239.90	547.84			
6/29/99 15:45	1012.00	29.88	0.763	115.76	240.37	548.93			
6/29/99 16:00	1011.88	29.88	0.762	115.76	240.37	548.74	548.87		
6/29/99 16:15	1011.75	29.88	0.763	116.02	240.84	549.39			
6/29/99 16:30	1011.63	29.87	0.763	116.02	240.84	549.43			
6/29/99 16:45	1011.50	29.87	0.758	116.02	240.84	547.66			
6/29/99 17:00	1011.50	29.87	0.758	116.02	240.84	547.44	547.55		
6/29/99 17:15	1011.25	29.86	0.754	116.55	241.79	546.50			
6/29/99 17:30	1011.38	29.87	0.754	116.55	241.79	546.72			
6/29/99 17:45	1011.25	29.86	0.756	116.81	242.26	547.37			
6/29/99 18:00	1011.25	29.86	0.755	116.81	242.26	547.15	546.73		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/27/99 6:45	1011.75	29.88	0.768	114.98	238.96	550.33			
6/27/99 7:00	1011.75	29.88	0.768	115.24	239.43	550.51	550.39		
6/27/99 7:15	1011.88	29.88	0.768	115.24	239.43	550.46			
6/27/99 7:30	1012.00	29.88	0.768	115.24	239.43	550.45			
6/27/99 7:45	1012.00	29.88	0.768	115.24	239.43	550.45			
6/27/99 8:00	1012.13	29.89	0.768	115.24	239.43	550.41	550.39		
6/27/99 8:15	1012.13	29.89	0.768	115.24	239.43	550.41			
6/27/99 8:30	1012.13	29.89	0.768	114.98	238.96	550.23			
6/27/99 8:45	1012.00	29.88	0.768	114.98	238.96	550.26			
6/27/99 9:00	1012.13	29.89	0.768	115.76	240.37	550.78	550.64		
6/27/99 9:15	1012.13	29.89	0.768	116.02	240.84	550.97			
6/27/99 9:30	1012.13	29.89	0.768	116.02	240.84	550.97			
6/27/99 9:45	1012.00	29.88	0.768	116.02	240.84	551.00			
6/27/99 10:00	1012.13	29.89	0.768	116.02	240.84	550.97	550.88		
6/27/99 10:15	1012.00	29.88	0.768	115.50	239.90	550.63			
6/27/99 10:30	1012.00	29.88	0.768	115.76	240.37	550.82			
6/27/99 10:45	1012.13	29.89	0.768	115.76	240.37	550.78			
6/27/99 11:00	1012.00	29.88	0.768	115.76	240.37	550.82	550.68		
6/27/99 11:15	1012.00	29.88	0.768	116.02	240.84	551.00			
6/27/99 11:30	1012.00	29.88	0.768	116.02	240.84	551.00			
6/27/99 11:45	1012.00	29.88	0.768	116.29	241.32	551.19			
6/27/99 12:00	1012.00	29.88	0.768	116.55	241.79	551.37	551.27		
6/27/99 12:15	1011.88	29.88	0.768	116.55	241.79	551.40			
6/27/99 12:30	1012.00	29.88	0.768	116.55	241.79	551.37			
6/27/99 12:45	1011.88	29.88	0.768	116.29	241.32	551.22			
6/27/99 13:00	1011.88	29.88	0.768	116.29	241.32	551.22	551.31		
6/27/99 13:15	1011.75	29.88	0.768	116.29	241.32	551.25			
6/27/99 13:30	1011.63	29.87	0.768	116.55	241.79	551.47			
6/27/99 13:45	1011.50	29.87	0.768	116.55	241.79	551.51			
6/27/99 14:00	1011.25	29.86	0.768	117.07	242.73	551.94	551.91		
6/27/99 14:15	1011.00	29.85	0.768	117.33	243.20	552.20			
6/27/99 14:30	1010.75	29.85	0.768	117.59	243.67	552.45			
6/27/99 14:45	1010.25	29.83	0.768	117.85	244.14	552.77			
6/27/99 15:00	1010.00	29.83	0.768	118.12	244.61	553.02	552.98		
6/27/99 15:15	1010.00	29.83	0.768	118.38	245.08	553.21			
6/27/99 15:30	1009.88	29.82	0.768	118.64	245.55	553.43			
6/27/99 15:45	1009.75	29.82	0.768	119.16	246.49	553.83			
6/27/99 16:00	1009.63	29.81	0.768	118.90	246.02	553.68	553.56		
6/27/99 16:15	1009.63	29.81	0.768	118.64	245.55	553.50			
6/27/99 16:30	1009.50	29.81	0.768	118.38	245.08	553.35			
6/27/99 16:45	1009.63	29.81	0.768	117.85	244.14	552.94			
6/27/99 17:00	1009.63	29.81	0.768	117.07	242.73	552.39	552.53		
6/27/99 17:15	1009.50	29.81	0.768	116.55	241.79	552.05			
6/27/99 17:30	1009.38	29.81	0.768	116.29	241.32	551.90			
6/27/99 17:45	1009.38	29.81	0.768	116.55	241.79	552.09			
6/27/99 18:00	1009.25	29.80	0.768	116.55	241.79	552.12	552.07		
6/27/99 18:15	1009.38	29.81	0.768	116.55	241.79	552.09			
6/27/99 18:30	1009.13	29.80	0.768	116.55	241.79	552.16			
6/27/99 18:45	1009.00	29.80	0.768	116.29	241.32	552.00			
6/27/99 19:00	1008.88	29.79	0.768	116.55	241.79	552.22	552.23		
6/27/99 19:15	1008.63	29.78	0.768	116.55	241.79	552.29			
6/27/99 19:30	1008.63	29.78	0.768	116.81	242.26	552.46			
6/27/99 19:45	1008.75	29.79	0.768	117.07	242.73	552.63			
6/27/99 20:00	1008.75	29.79	0.768	117.07	242.73	552.63	552.50		
6/27/99 20:15	1008.88	29.79	0.768	116.81	242.26	552.41			
6/27/99 20:30	1009.13	29.80	0.768	116.81	242.26	552.34			
6/27/99 20:45	1009.38	29.81	0.768	116.81	242.26	552.27			
6/27/99 21:00	1009.38	29.81	0.768	116.55	241.79	552.09	552.13		
6/27/99 21:15	1009.25	29.80	0.768	116.55	241.79	552.12			
6/27/99 21:30	1009.63	29.81	0.768	116.29	241.32	551.83			
6/27/99 21:45	1009.63	29.81	0.768	116.29	241.32	551.83			
6/27/99 22:00	1009.75	29.82	0.768	116.02	240.84	551.61	551.66		
6/27/99 22:15	1009.88	29.82	0.768	116.02	240.84	551.58			
6/27/99 22:30	1010.00	29.83	0.768	116.02	240.84	551.55			
6/27/99 22:45	1010.13	29.83	0.768	115.76	240.37	551.33			
6/27/99 23:00	1010.00	29.83	0.768	115.24	239.43	550.99	551.14		
6/27/99 23:15	1010.00	29.83	0.768	115.24	239.43	550.99			
6/27/99 23:30	1009.88	29.82	0.768	114.98	238.96	550.84			
6/27/99 23:45	1009.88	29.82	0.768	114.98	238.96	550.84			
6/28/99 0:00	1009.88	29.82	0.768	114.72	236.49	550.65	550.73		
6/28/99 0:15	1009.88	29.82	0.768	114.72	236.49	550.65			
6/28/99 0:30	1009.88	29.82	0.768	114.72	238.49	550.65			
6/28/99 0:45	1009.88	29.82	0.768	114.72	238.49	550.65			
6/28/99 1:00	1009.88	29.82	0.768	114.98	238.96	550.84	550.80		
6/28/99 1:15	1009.88	29.82	0.768	114.98	236.96	550.84			
6/28/99 1:30	1010.00	29.83	0.768	115.24	239.43	550.99			
6/28/99 1:45	1010.13	29.83	0.768	115.24	239.43	550.96			
6/28/99 2:00	1010.00	29.83	0.768	114.98	238.96	550.81	550.95		
6/28/99 2:15	1010.00	29.83	0.768	115.24	239.43	550.99			
6/28/99 2:30	1009.88	29.82	0.768	115.24	239.43	551.02			
6/28/99 2:45	1009.63	29.81	0.768	115.24	239.43	551.09			
6/28/99 3:00	1009.63	29.81	0.768	115.24	239.43	551.09	551.09		
6/28/99 3:15	1009.63	29.81	0.766	115.24	239.43	551.09			
6/28/99 3:30	1009.50	29.81	0.768	115.24	239.43	551.13			
6/28/99 3:45	1009.83	29.81	0.768	115.24	239.43	551.09			
6/28/99 4:00	1009.63	29.81	0.768	115.24	239.43	551.09	550.97		
6/28/99 4:15	1009.50	29.81	0.768	114.98	238.96	550.94			
6/28/99 4:30	1009.38	29.81	0.768	114.48	238.02	550.81			
6/28/99 4:45	1009.38	29.81	0.768	114.46	238.02	550.61			
6/28/99 5:00	1009.38	29.81	0.768	114.46	238.02	550.81	550.52		
6/28/99 5:15	1009.38	29.81	0.768	114.20	237.55	550.42			
6/28/99 5:30	1009.83	29.81	0.768	114.20	237.55	550.35			
6/28/99 5:45	1009.83	29.81	0.768	113.93	237.08	550.17			
6/28/99 6:00	1009.75	29.82	0.768	113.93	237.08	550.13	550.32		
6/28/99 6:15	1009.88	29.82	0.768	114.20	237.55	550.28			
6/28/99 6:30	1009.88	29.82	0.768	114.72	238.49	550.65			
6/28/99 8:45	1010.00	29.83	0.768	114.98	238.96	550.81			
6/28/99 7:00	1009.88	29.82	0.768	115.24	239.43	551.02	550.91		
6/28/99 7:15	1009.88	29.82	0.768	115.24	239.43	551.02			
6/28/99 7:30	1009.88	29.82	0.768	115.24	239.43	551.02			
6/28/99 7:45	1009.75	29.82	0.768	115.76	240.37	551.43			
6/28/99 8:00	1009.63	29.81	0.748	115.50	239.90	544.17	547.47		
6/28/99 8:15	1009.63	29.81	0.751	115.76	240.37	545.26			
6/28/99 8:30	1009.63	29.81	0.751	116.02	240.84	545.45			
6/28/99 8:45	1009.83	29.81	0.749	116.29	241.32	544.94			
6/28/99 9:00	1009.63	29.81	0.764	116.02	240.84	550.44	548.00		
6/28/99 9:15	1009.63	29.61	0.776	115.24	239.43	554.11			
6/28/99 9:30	1009.63	29.81	0.748	117.07	242.73	545.05			
6/28/99 9:45	1009.50	29.81	0.749	117.33	243.20	545.70			
6/28/99 10:00	1009.25	29.80	0.748	117.59	243.67	545.52	546.38		
6/28/99 10:15	1009.13	29.80	0.752	117.85	244.14	547.34			
6/28/99 10:30	1009.00	29.80	0.755	117.59	243.67	548.31			
6/28/99 10:45	1009.00	29.80	0.756	117.59	243.67	548.75			
6/28/99 11:00	1008.88	29.79	0.761	117.85	244.14	550.78	550.15		
6/28/99 11:15	1008.88	29.79	0.761	117.85	244.14	550.78			
6/28/99 11:30	1008.88	29.79	0.764	118.12	244.61	552.12			
6/28/99 11:45	1008.63	29.78	0.763	118.38	245.08	551.90			
6/28/99 12:00	1008.50	29.78	0.762	118.38	245.08	551.50	551.73		
6/28/99 12:15	1008.25	29.77	0.763	118.12	244.61	551.60			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/26/99 1:00	1013.88	29.94	0.768	114.98	238.96	549.75	549.60		
6/26/99 1:15	1013.88	29.94	0.788	114.72	238.49	549.57			
6/26/99 1:30	1013.75	29.94	0.788	114.72	238.49	549.60			
6/26/99 1:45	1013.83	29.93	0.788	114.72	238.49	549.63			
6/26/99 2:00	1013.50	29.93	0.788	114.72	238.49	549.67	549.62		
6/26/99 2:15	1013.38	29.92	0.768	114.72	238.49	549.70			
6/26/99 2:30	1013.38	29.92	0.768	114.46	238.02	549.52			
6/26/99 2:45	1013.50	29.93	0.768	114.46	238.02	549.48			
6/26/99 3:00	1013.50	29.93	0.768	114.46	238.02	549.48	549.37		
6/26/99 3:15	1013.63	29.93	0.788	114.20	237.55	549.26			
6/26/99 3:30	1013.50	29.93	0.788	113.93	237.08	549.11			
6/26/99 3:45	1013.63	29.93	0.768	113.93	237.08	549.08			
6/26/99 4:00	1013.50	29.93	0.768	113.41	236.14	548.74	548.88		
6/26/99 4:15	1013.63	29.93	0.788	113.15	235.67	548.52			
6/26/99 4:30	1013.75	29.94	0.768	113.67	236.61	548.86			
6/26/99 4:45	1013.75	29.94	0.768	113.41	236.14	548.67			
6/26/99 5:00	1013.63	29.93	0.768	112.63	234.73	548.15	548.57		
6/26/99 5:15	1013.63	29.93	0.768	113.15	235.67	548.52			
6/26/99 5:30	1013.88	29.94	0.768	113.41	236.14	548.84			
6/26/99 5:45	1013.88	29.94	0.768	113.67	236.61	548.83			
6/26/99 6:00	1014.00	29.94	0.768	113.67	236.61	548.79	548.71		
6/26/99 6:15	1014.13	29.95	0.768	113.67	236.61	548.76			
6/26/99 6:30	1014.25	29.95	0.768	113.41	236.14	548.54			
6/26/99 6:45	1014.25	29.95	0.768	113.67	236.61	548.72			
6/26/99 7:00	1014.38	29.95	0.768	113.67	236.61	548.69	548.60		
6/26/99 7:15	1014.50	29.96	0.768	113.93	237.08	548.84			
6/26/99 7:30	1014.50	29.96	0.768	114.46	238.02	549.21			
6/26/99 7:45	1014.63	29.96	0.768	114.72	238.49	549.36			
6/26/99 8:00	1014.63	29.96	0.768	114.98	238.96	549.55	549.52		
6/26/99 8:15	1014.88	29.97	0.768	115.24	239.43	549.67			
6/26/99 8:30	1015.00	29.97	0.768	115.50	239.90	549.82			
6/26/99 8:45	1015.00	29.97	0.768	116.02	240.84	550.19			
6/26/99 9:00	1015.00	29.97	0.768	116.02	240.84	550.19	550.10		
6/26/99 9:15	1015.13	29.98	0.768	116.02	240.84	550.15			
6/26/99 9:30	1015.13	29.98	0.768	116.02	240.84	550.15			
6/26/99 9:45	1015.25	29.98	0.768	116.29	241.32	550.30			
6/26/99 10:00	1015.13	29.98	0.768	116.55	241.79	550.52	550.53		
6/26/99 10:15	1015.00	29.97	0.768	116.81	242.26	550.74			
6/26/99 10:30	1015.00	29.97	0.768	117.07	242.73	550.92			
6/26/99 10:45	1015.00	29.97	0.768	117.33	243.20	551.11			
6/26/99 11:00	1015.00	29.97	0.768	117.85	244.14	551.46	551.36		
6/26/99 11:15	1014.75	29.97	0.768	117.85	244.14	551.54			
6/26/99 11:30	1014.63	29.96	0.768	118.12	244.61	551.76			
6/26/99 11:45	1014.50	29.96	0.768	118.64	245.55	552.17			
6/26/99 12:00	1014.50	29.96	0.768	119.18	246.49	552.53	552.36		
6/26/99 12:15	1014.38	29.95	0.768	119.16	246.49	552.57			
6/26/99 12:30	1014.25	29.95	0.768	119.42	246.96	552.79			
6/26/99 12:45	1014.13	29.95	0.768	119.16	246.49	552.64			
6/26/99 13:00	1014.13	29.95	0.768	119.16	246.49	552.64	552.72		
6/26/99 13:15	1014.00	29.94	0.768	119.16	246.49	552.87			
6/26/99 13:30	1013.88	29.94	0.768	119.42	246.96	552.89			
6/26/99 13:45	1013.75	29.94	0.768	119.42	246.96	552.92			
6/26/99 14:00	1013.50	29.93	0.768	119.68	247.43	553.17	553.10		
6/26/99 14:15	1013.25	29.92	0.768	119.68	247.43	553.24			
6/26/99 14:30	1013.13	29.92	0.768	119.68	247.43	553.28			
6/26/99 14:45	1013.00	29.91	0.768	119.94	247.90	553.49			
6/26/99 15:00	1012.68	29.91	0.768	120.21	248.37	553.71	553.60		
6/26/99 15:15	1012.75	29.91	0.768	120.21	248.37	553.75			
6/26/99 15:30	1012.63	29.90	0.768	120.21	248.37	553.78			
6/26/99 15:45	1012.63	29.90	0.768	120.47	248.84	553.96			
6/26/99 16:00	1012.38	29.90	0.768	120.21	248.37	553.85	553.83		
6/26/99 16:15	1012.13	29.89	0.768	119.94	247.90	553.73			
6/26/99 16:30	1011.88	29.88	0.768	119.94	247.90	553.60			
6/26/99 16:45	1011.68	29.88	0.768	119.94	247.90	553.60			
6/26/99 17:00	1011.88	29.88	0.768	119.94	247.90	553.80	553.60		
6/26/99 17:15	1011.68	29.88	0.768	119.94	247.90	553.80			
6/26/99 17:30	1011.68	29.88	0.768	119.94	247.90	553.80			
6/26/99 17:45	1011.68	29.88	0.768	119.94	247.90	553.80			
6/26/99 18:00	1011.75	29.88	0.768	119.68	247.43	553.65	553.78		
6/26/99 18:15	1011.63	29.87	0.768	119.68	247.43	553.69			
6/26/99 18:30	1011.75	29.88	0.768	119.94	247.90	553.84			
6/26/99 18:45	1011.63	29.87	0.768	119.68	247.43	553.69			
6/26/99 19:00	1011.50	29.87	0.768	119.68	247.43	553.72	553.70		
6/26/99 19:15	1011.50	29.87	0.768	119.68	247.43	553.72			
6/26/99 19:30	1011.50	29.87	0.768	119.42	246.96	553.54			
6/26/99 19:45	1011.50	29.87	0.768	119.16	246.49	553.35			
6/26/99 20:00	1011.50	29.87	0.768	119.16	246.49	553.35	553.19		
6/26/99 20:15	1011.63	29.87	0.768	118.64	245.55	552.95			
6/26/99 20:30	1011.63	29.87	0.768	118.38	245.06	552.76			
6/26/99 20:45	1011.63	29.87	0.768	118.12	244.61	552.56			
6/26/99 21:00	1011.75	29.88	0.768	117.85	244.14	552.36	552.44		
6/26/99 21:15	1011.68	29.88	0.788	117.85	244.14	552.33			
6/26/99 21:30	1011.88	29.88	0.768	117.59	243.67	552.14			
6/26/99 21:45	1011.88	29.88	0.768	117.59	243.67	552.14			
6/26/99 22:00	1012.13	29.89	0.768	117.33	243.20	551.89	551.60		
6/26/99 22:15	1012.13	29.89	0.768	116.81	242.26	551.52			
6/26/99 22:30	1012.25	29.89	0.768	116.55	241.79	551.30			
6/26/99 22:45	1012.00	29.88	0.768	116.29	241.32	551.19			
6/26/99 23:00	1012.00	29.88	0.768	116.29	241.32	551.19	551.05		
6/26/99 23:15	1012.38	29.90	0.768	116.02	240.84	550.90			
6/26/99 23:30	1012.50	29.90	0.768	115.76	240.37	550.68			
6/26/99 23:45	1012.63	29.90	0.768	115.50	239.90	550.46			
6/27/99 0:00	1012.63	29.90	0.768	115.24	239.43	550.28	550.36		
6/27/99 0:15	1012.88	29.91	0.768	115.24	239.43	550.21			
6/27/99 0:30	1013.00	29.91	0.768	115.24	239.43	550.17			
6/27/99 0:45	1012.75	29.91	0.768	115.24	239.43	550.24			
6/27/99 1:00	1012.50	29.90	0.768	115.24	239.43	550.31	550.39		
6/27/99 1:15	1012.13	29.89	0.768	115.50	239.90	550.60			
6/27/99 1:30	1012.00	29.88	0.768	115.50	239.90	550.63			
6/27/99 1:45	1012.00	29.88	0.768	115.76	240.37	550.82			
6/27/99 2:00	1011.88	29.88	0.768	115.76	240.37	550.85	550.78		
6/27/99 2:15	1011.88	29.88	0.768	115.76	240.37	550.85			
6/27/99 2:30	1011.88	29.88	0.768	115.50	239.90	550.67			
6/27/99 2:45	1011.75	29.88	0.768	115.50	239.90	550.70			
6/27/99 3:00	1011.75	29.88	0.768	114.98	238.96	550.33	550.65		
6/27/99 3:15	1011.88	29.88	0.768	115.50	239.90	550.87			
6/27/99 3:30	1011.75	29.88	0.768	115.76	240.37	550.88			
6/27/99 3:45	1011.75	29.88	0.768	115.76	240.37	550.88			
6/27/99 4:00	1011.75	29.88	0.768	115.24	239.43	550.51	550.57		
6/27/99 4:15	1011.63	29.87	0.768	114.98	238.96	550.36			
6/27/99 4:30	1011.50	29.87	0.768	114.72	238.49	550.21			
6/27/99 4:45	1011.38	29.87	0.768	114.72	238.49	550.25			
6/27/99 5:00	1011.38	29.87	0.768	114.72	238.49	550.25	550.19		
6/27/99 5:15	1011.50	29.87	0.768	114.72	238.49	550.21			
6/27/99 5:30	1011.50	29.87	0.768	114.46	238.02	550.03			
6/27/99 5:45	1011.50	29.87	0.768	114.46	238.02	550.03			
6/27/99 6:00	1011.50	29.87	0.768	114.46	238.02	550.03	550.09		
6/27/99 6:15	1011.63	29.87	0.768	114.72	238.49	550.18			
6/27/99 6:30	1011.63	29.87	0.768	114.72	238.49	550.18			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/24/99 19:15	1011.25	29.86	0.789	115.24	239.43	551.24			
6/24/99 19:30	1011.38	29.87	0.770	115.24	239.43	551.42			
6/24/99 19:45	1011.50	29.87	0.769	115.24	239.43	551.17			
6/24/99 20:00	1011.50	29.87	0.770	115.24	239.43	551.38	551.08		
6/24/99 20:15	1011.50	29.87	0.769	115.24	239.43	550.92			
6/24/99 20:30	1011.50	29.87	0.768	114.98	238.96	550.52			
6/24/99 20:45	1011.50	29.87	0.763	115.24	239.43	548.91			
6/24/99 21:00	1011.63	29.87	0.766	115.24	239.43	549.77	549.39		
6/24/99 21:15	1011.75	29.88	0.764	115.24	239.43	549.31			
6/24/99 21:30	1011.63	29.87	0.762	115.24	239.43	548.44			
6/24/99 21:45	1011.75	29.88	0.762	115.24	239.43	548.41			
6/24/99 22:00	1011.88	29.88	0.761	115.24	239.43	548.12	548.18		
6/24/99 22:15	1011.88	29.88	0.762	114.98	238.96	548.19			
6/24/99 22:30	1011.75	29.88	0.761	114.98	238.96	547.78			
6/24/99 22:45	1012.00	29.88	0.759	114.98	238.96	547.26			
6/24/99 23:00	1012.13	29.89	0.761	114.98	238.96	547.87	547.55		
6/24/99 23:15	1012.25	29.89	0.759	114.72	238.49	546.75			
6/24/99 23:30	1012.25	29.89	0.763	114.72	238.49	548.12			
6/24/99 23:45	1012.38	29.90	0.767	114.46	238.02	549.48			
6/25/99 0:00	1012.38	29.90	0.770	113.93	237.08	550.22	549.77		
6/25/99 0:15	1012.50	29.90	0.771	113.93	237.08	550.61			
6/25/99 0:30	1012.50	29.90	0.771	113.93	237.08	550.40			
6/25/99 0:45	1012.50	29.90	0.773	113.93	237.08	551.08			
6/25/99 1:00	1012.25	29.89	0.773	113.93	237.08	551.14	550.56		
6/25/99 1:15	1012.13	29.89	0.771	113.93	237.08	550.71			
6/25/99 1:30	1011.88	29.88	0.768	113.93	237.08	549.46			
6/25/99 1:45	1011.88	29.88	0.767	114.20	237.55	549.43			
6/25/99 2:00	1011.88	29.88	0.768	114.46	238.02	549.92	549.70		
6/25/99 2:15	1011.88	29.88	0.768	114.46	238.02	549.92			
6/25/99 2:30	1011.75	29.88	0.768	114.20	237.55	549.77			
6/25/99 2:45	1011.50	29.87	0.768	113.93	237.08	549.66			
6/25/99 3:00	1011.38	29.87	0.768	113.93	237.08	549.69	549.64		
6/25/99 3:15	1011.50	29.87	0.768	113.93	237.08	549.66			
6/25/99 3:30	1011.63	29.87	0.768	113.67	236.61	549.44			
6/25/99 3:45	1011.75	29.88	0.768	113.87	236.81	549.40			
6/25/99 4:00	1011.75	29.88	0.768	113.41	236.14	549.22	549.33		
6/25/99 4:15	1011.75	29.88	0.768	113.41	236.14	549.22			
6/25/99 4:30	1011.75	29.88	0.768	113.67	236.61	549.40			
6/25/99 4:45	1011.83	29.87	0.768	113.15	235.87	549.07			
6/25/99 5:00	1011.63	29.87	0.768	113.41	236.14	549.25	548.73		
6/25/99 5:15	1011.88	29.88	0.766	111.84	233.32	548.07			
6/25/99 5:30	1012.00	29.88	0.768	111.58	232.85	547.85			
6/25/99 5:45	1012.13	29.89	0.768	112.89	235.20	548.74			
6/25/99 6:00	1012.38	29.90	0.768	112.37	234.28	548.30	548.29		
6/25/99 8:15	1012.38	29.90	0.768	112.63	234.73	548.49			
6/25/99 8:30	1012.50	29.90	0.768	112.11	233.79	548.09			
6/25/99 8:45	1012.75	29.91	0.768	113.15	235.67	548.78			
6/25/99 7:00	1012.88	29.91	0.768	113.41	236.14	548.91	548.65		
6/25/99 7:15	1013.00	29.91	0.768	112.89	235.20	548.51			
6/25/99 7:30	1013.25	29.92	0.768	113.67	236.61	549.00			
6/25/99 7:45	1013.38	29.92	0.768	113.67	236.61	548.96			
6/25/99 8:00	1013.50	29.93	0.768	113.93	237.08	549.11	549.08		
6/25/99 8:15	1013.63	29.93	0.768	113.93	237.08	549.08			
6/25/99 8:30	1013.75	29.94	0.768	114.20	237.55	549.23			
6/25/99 8:45	1013.88	29.94	0.768	114.72	238.49	549.57			
6/25/99 9:00	1013.88	29.94	0.768	114.72	238.49	549.57	549.65		
6/25/99 9:15	1013.88	29.94	0.768	115.24	239.43	549.94			
6/25/99 9:30	1013.88	29.94	0.768	115.24	239.43	549.94			
6/25/99 9:45	1014.00	29.94	0.768	115.76	240.37	550.27			
6/25/99 10:00	1014.00	29.94	0.768	116.02	240.84	550.46	550.23		
6/25/99 10:15	1014.13	29.95	0.768	115.76	240.37	550.24			
6/25/99 10:30	1014.13	29.95	0.768	115.76	240.37	550.24			
6/25/99 10:45	1014.13	29.95	0.768	116.02	240.84	550.42			
6/25/99 11:00	1014.25	29.95	0.768	116.02	240.84	550.39	550.50		
6/25/99 11:15	1014.13	29.95	0.768	116.29	241.32	550.61			
6/25/99 11:30	1014.00	29.94	0.768	116.55	241.79	550.83			
6/25/99 11:45	1014.00	29.94	0.768	116.55	241.79	550.83			
6/25/99 12:00	1013.88	29.94	0.768	116.81	242.26	551.05	551.07		
6/25/99 12:15	1013.88	29.94	0.768	117.07	242.73	551.23			
6/25/99 12:30	1013.88	29.94	0.768	117.33	243.20	551.41			
6/25/99 12:45	1013.75	29.94	0.768	117.85	244.14	551.82			
6/25/99 13:00	1013.75	29.94	0.768	118.12	244.61	552.00	551.93		
6/25/99 13:15	1013.63	29.93	0.768	118.38	245.08	552.22			
6/25/99 13:30	1013.63	29.93	0.768	118.38	245.08	552.22			
6/25/99 13:45	1013.63	29.93	0.768	118.38	245.08	552.22			
6/25/99 14:00	1013.50	29.93	0.768	118.38	245.08	552.25	552.26		
6/25/99 14:15	1013.38	29.92	0.768	118.38	245.08	552.29			
6/25/99 14:30	1013.25	29.92	0.768	118.38	245.08	552.32			
6/25/99 14:45	1013.13	29.92	0.768	118.64	245.55	552.54			
6/25/99 15:00	1013.13	29.92	0.768	118.64	245.55	552.54	552.54		
6/25/99 15:15	1013.13	29.92	0.768	118.90	246.02	552.72			
6/25/99 15:30	1013.00	29.91	0.768	118.64	245.55	552.57			
6/25/99 15:45	1013.00	29.91	0.768	118.84	245.55	552.57			
6/25/99 16:00	1013.00	29.91	0.768	118.90	246.02	552.76	552.62		
6/25/99 16:15	1012.88	29.91	0.768	118.90	246.02	552.79			
6/25/99 16:30	1012.88	29.91	0.768	118.38	245.08	552.42			
6/25/99 16:45	1012.75	29.91	0.768	118.12	244.61	552.27			
6/25/99 17:00	1012.63	29.90	0.768	118.12	244.61	552.31	552.48		
6/25/99 17:15	1012.63	29.90	0.768	118.38	245.08	552.49			
6/25/99 17:30	1012.50	29.90	0.768	118.90	246.02	552.89			
6/25/99 17:45	1012.50	29.90	0.768	119.16	246.49	553.08			
6/25/99 18:00	1012.63	29.90	0.768	119.16	246.49	553.04	552.91		
6/25/99 18:15	1012.63	29.90	0.768	118.90	246.02	552.86			
6/25/99 18:30	1012.63	29.90	0.768	118.64	245.55	552.68			
6/25/99 18:45	1012.63	29.90	0.768	118.64	245.55	552.88			
6/25/99 19:00	1012.63	29.90	0.768	118.90	246.02	552.86	552.73		
6/25/99 19:15	1012.75	29.91	0.768	118.90	246.02	552.83			
6/25/99 19:30	1012.88	29.91	0.768	118.64	245.55	552.61			
6/25/99 19:45	1012.88	29.91	0.768	118.12	244.61	552.24			
6/25/99 20:00	1012.88	29.91	0.768	118.12	244.61	552.24	552.28		
6/25/99 20:15	1013.00	29.91	0.768	118.12	244.61	552.21			
6/25/99 20:30	1013.13	29.92	0.768	117.85	244.14	551.99			
6/25/99 20:45	1013.13	29.92	0.768	117.59	243.67	551.80			
6/25/99 21:00	1013.38	29.92	0.768	117.33	243.20	551.55	551.65		
6/25/99 21:15	1013.38	29.92	0.768	117.33	243.20	551.55			
6/25/99 21:30	1013.38	29.92	0.768	117.07	242.73	551.37			
6/25/99 21:45	1013.63	29.93	0.768	116.81	242.26	551.11			
6/25/99 22:00	1013.75	29.94	0.768	116.81	242.26	551.08	551.03		
6/25/99 22:15	1013.75	29.94	0.768	116.55	241.79	550.89			
6/25/99 22:30	1013.88	29.94	0.768	116.29	241.32	550.68			
6/25/99 22:45	1013.88	29.94	0.768	115.76	240.37	550.31			
6/25/99 23:00	1013.88	29.94	0.768	115.24	239.43	549.94	550.12		
6/25/99 23:15	1013.88	29.94	0.768	115.24	239.43	549.94			
6/25/99 23:30	1013.88	29.94	0.768	114.98	238.96	549.75			
6/25/99 23:45	1014.00	29.94	0.768	114.72	238.49	549.53			
6/26/99 0:00	1014.00	29.94	0.768	114.72	238.49	549.53	549.54		
6/26/99 0:15	1014.00	29.94	0.768	114.72	238.49	549.53			
6/26/99 0:30	1014.00	29.94	0.768	114.48	238.02	549.35			
6/26/99 0:45	1013.88	29.94	0.768	114.98	238.96	549.75			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/23/99 13:30	1016.00	30.00	0.768	118.90	246.02	552.06			
6/23/99 13:45	1015.88	30.00	0.766	119.16	246.49	551.36			
6/23/99 14:00	1015.63	29.99	0.762	119.42	246.96	550.30	550.61		
6/23/99 14:15	1015.38	29.98	0.760	119.68	247.43	549.86			
6/23/99 14:30	1015.38	29.98	0.759	119.42	246.96	549.46			
6/23/99 14:45	1015.25	29.98	0.758	119.68	247.43	548.99			
6/23/99 15:00	1015.13	29.98	0.758	119.42	246.96	548.84	549.18		
6/23/99 15:15	1015.25	29.98	0.759	119.42	246.96	549.50			
6/23/99 15:30	1015.13	29.96	0.759	119.16	246.49	549.09			
6/23/99 15:45	1015.13	29.96	0.758	118.90	246.02	548.48			
6/23/99 16:00	1014.88	29.97	0.758	118.64	245.55	548.58	548.48		
6/23/99 16:15	1014.75	29.97	0.758	118.64	245.55	548.39			
6/23/99 16:30	1014.50	29.96	0.757	118.12	244.61	547.88			
6/23/99 16:45	1014.38	29.95	0.754	118.38	245.08	546.94			
6/23/99 17:00	1014.25	29.95	0.761	118.38	245.08	549.47	546.92		
6/23/99 17:15	1014.13	29.95	0.762	118.12	244.61	549.79			
6/23/99 17:30	1013.88	29.94	0.764	118.12	244.61	550.50			
6/23/99 17:45	1013.75	29.94	0.767	118.12	244.61	551.69			
6/23/99 18:00	1013.63	29.93	0.767	118.12	244.61	551.72	551.19		
6/23/99 18:15	1013.63	29.93	0.763	118.12	244.61	550.36			
6/23/99 18:30	1013.75	29.94	0.767	118.12	244.61	551.89			
6/23/99 18:45	1013.88	29.94	0.764	117.59	243.67	550.14			
6/23/99 19:00	1013.75	29.94	0.764	117.33	243.20	550.24	549.75		
6/23/99 19:15	1013.63	29.93	0.761	117.33	243.20	548.90			
6/23/99 19:30	1013.75	29.94	0.758	117.07	242.73	547.78			
6/23/99 19:45	1013.88	29.94	0.759	117.07	242.73	548.22			
6/23/99 20:00	1014.00	29.94	0.756	117.07	242.73	546.61	547.34		
6/23/99 20:15	1014.13	29.95	0.758	117.07	242.73	547.47			
6/23/99 20:30	1014.13	29.95	0.756	116.55	241.79	546.41			
6/23/99 20:45	1014.00	29.94	0.755	116.29	241.32	546.05			
6/23/99 21:00	1013.75	29.94	0.753	116.02	240.84	545.24	545.47		
6/23/99 21:15	1013.75	29.94	0.753	116.02	240.84	545.03			
6/23/99 21:30	1013.88	29.94	0.753	115.50	239.90	544.63			
6/23/99 21:45	1013.88	29.94	0.753	115.24	239.43	544.44			
6/23/99 22:00	1013.88	29.94	0.759	115.24	239.43	546.68	546.71		
6/23/99 22:15	1014.00	29.94	0.766	114.72	238.49	546.76			
6/23/99 22:30	1014.00	29.94	0.767	114.46	238.02	549.04			
6/23/99 22:45	1014.00	29.94	0.769	114.46	238.02	549.68			
6/23/99 23:00	1014.13	29.95	0.769	114.72	238.49	549.83	549.54		
6/23/99 23:15	1014.38	29.95	0.770	114.72	238.49	550.23			
6/23/99 23:30	1014.13	29.95	0.766	114.98	238.96	548.91			
6/23/99 23:45	1014.13	29.95	0.769	114.72	238.49	550.08			
6/24/99 0:00	1014.13	29.95	0.767	114.72	238.49	549.19	548.76		
6/24/99 0:15	1014.00	29.94	0.764	114.98	238.96	548.51			
6/24/99 0:30	1014.13	29.95	0.761	114.98	238.96	547.11			
6/24/99 0:45	1014.13	29.95	0.759	114.98	238.96	546.68			
6/24/99 1:00	1014.25	29.95	0.761	114.98	238.96	547.30	547.09		
6/24/99 1:15	1014.25	29.95	0.761	114.98	238.96	547.30			
6/24/99 1:30	1014.38	29.95	0.761	114.98	238.96	547.05			
6/24/99 1:45	1014.38	29.95	0.758	114.72	238.49	545.96			
6/24/99 2:00	1014.25	29.95	0.759	114.72	238.49	546.21	546.34		
6/24/99 2:15	1014.25	29.95	0.759	114.72	238.49	546.46			
6/24/99 2:30	1014.13	29.95	0.758	114.72	238.49	546.03			
6/24/99 2:45	1014.00	29.94	0.758	114.46	238.02	545.66			
6/24/99 3:00	1014.00	29.94	0.761	113.67	236.61	546.44	546.91		
6/24/99 3:15	1013.88	29.94	0.766	113.41	236.14	548.08			
6/24/99 3:30	1013.88	29.94	0.767	113.41	236.14	548.33			
6/24/99 3:45	1013.88	29.94	0.767	113.67	236.61	546.52			
6/24/99 4:00	1013.88	29.94	0.764	113.67	236.61	547.62	546.44		
6/24/99 4:15	1013.88	29.94	0.766	113.41	236.14	548.76			
6/24/99 4:30	1013.88	29.94	0.769	113.41	236.14	548.96			
6/24/99 4:45	1013.75	29.94	0.767	113.41	236.14	548.37			
6/24/99 5:00	1013.63	29.93	0.762	113.67	236.61	546.79	547.00		
6/24/99 5:15	1013.63	29.93	0.759	113.67	236.61	545.90			
6/24/99 5:30	1013.50	29.93	0.756	113.93	237.08	544.96			
6/24/99 5:45	1013.50	29.93	0.759	113.93	237.08	546.11			
6/24/99 6:00	1013.63	29.93	0.757	113.93	237.08	545.16	545.60		
6/24/99 6:15	1013.50	29.93	0.759	113.93	237.08	545.88			
6/24/99 6:30	1013.50	29.93	0.759	113.93	237.08	545.66			
6/24/99 6:45	1013.38	29.92	0.756	113.93	237.08	544.78			
6/24/99 7:00	1013.50	29.93	0.759	114.20	237.55	546.30	545.45		
6/24/99 7:15	1013.50	29.93	0.756	114.46	238.02	545.11			
6/24/99 7:30	1013.38	29.92	0.756	114.20	237.55	545.18			
6/24/99 7:45	1013.25	29.92	0.758	114.46	238.02	545.87			
6/24/99 8:00	1013.25	29.92	0.763	113.93	237.08	547.51	547.07		
6/24/99 8:15	1013.25	29.92	0.766	113.93	237.08	548.41			
6/24/99 8:30	1013.25	29.92	0.766	113.93	237.08	548.41			
6/24/99 8:45	1013.38	29.92	0.768	113.93	237.08	549.05			
6/24/99 9:00	1013.38	29.92	0.804	112.83	234.73	561.15	551.73		
6/24/99 9:15	1013.38	29.92	0.770	113.93	237.08	549.95			
6/24/99 9:30	1013.38	29.92	0.769	114.46	238.02	550.10			
6/24/99 9:45	1013.25	29.92	0.769	114.72	238.49	550.32			
6/24/99 10:00	1013.25	29.92	0.765	114.98	238.96	548.93	549.24		
6/24/99 10:15	1013.25	29.92	0.765	115.24	239.43	549.12			
6/24/99 10:30	1013.25	29.92	0.761	115.24	239.43	547.75			
6/24/99 10:45	1013.25	29.92	0.760	115.50	239.90	547.50			
6/24/99 11:00	1013.25	29.92	0.761	115.24	239.43	547.75	547.48		
6/24/99 11:15	1013.25	29.92	0.760	115.50	239.90	547.50			
6/24/99 11:30	1013.13	29.92	0.758	115.76	240.37	546.82			
6/24/99 11:45	1013.13	29.92	0.761	115.76	240.37	547.94			
6/24/99 12:00	1013.13	29.92	0.759	115.76	240.37	547.50	547.37		
6/24/99 12:15	1013.13	29.92	0.760	115.76	240.37	547.72			
6/24/99 12:30	1013.13	29.92	0.759	115.24	239.43	546.88			
6/24/99 12:45	1013.00	29.91	0.757	115.24	239.43	546.27			
6/24/99 13:00	1013.00	29.91	0.760	115.24	239.43	547.39	547.71		
6/24/99 13:15	1012.88	29.91	0.765	114.72	238.49	548.85			
6/24/99 13:30	1012.88	29.91	0.766	113.93	237.08	549.19			
6/24/99 13:45	1012.75	29.91	0.770	113.93	237.08	550.12			
6/24/99 14:00	1012.63	29.90	0.773	113.93	237.08	551.04	550.04		
6/24/99 14:15	1012.63	29.90	0.769	113.93	237.08	549.94			
6/24/99 14:30	1012.63	29.90	0.769	113.93	237.08	549.94			
6/24/99 14:45	1012.38	29.90	0.770	113.67	236.61	550.03			
6/24/99 15:00	1012.25	29.89	0.771	113.67	236.61	550.49	549.71		
6/24/99 15:15	1012.13	29.89	0.768	113.93	237.08	549.39			
6/24/99 15:30	1012.13	29.89	0.765	114.20	237.55	548.68			
6/24/99 15:45	1012.00	29.88	0.762	114.46	238.02	547.79			
6/24/99 16:00	1011.88	29.88	0.762	114.72	238.49	548.01	548.23		
6/24/99 16:15	1011.75	29.88	0.763	114.72	238.49	548.47			
6/24/99 16:30	1011.75	29.88	0.762	114.98	238.96	548.22			
6/24/99 16:45	1011.50	29.87	0.764	114.98	238.96	549.19			
6/24/99 17:00	1011.50	29.87	0.761	114.98	238.96	548.04	548.54		
6/24/99 17:15	1011.25	29.88	0.763	115.24	239.43	548.76			
6/24/99 17:30	1011.13	29.86	0.761	115.50	239.90	548.51			
6/24/99 17:45	1011.00	29.85	0.760	115.76	240.37	548.30			
6/24/99 18:00	1011.00	29.85	0.758	115.76	240.37	547.61	548.19		
6/24/99 18:15	1011.00	29.85	0.758	115.76	240.37	547.61			
6/24/99 18:30	1011.00	29.85	0.761	116.02	240.84	548.91			
6/24/99 18:45	1011.00	29.85	0.766	115.50	239.90	550.34			
6/24/99 19:00	1011.13	29.86	0.769	115.24	239.43	551.02	550.59		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/22/99 7:45	1022.63	30.20	0.765	111.58	232.85	544.01			
6/22/99 8:00	1022.63	30.20	0.763	112.11	233.79	543.71	544.56		
6/22/99 8:15	1022.88	30.21	0.768	112.63	234.73	545.57			
6/22/99 8:30	1022.88	30.21	0.768	112.89	235.20	545.97			
6/22/99 8:45	1022.75	30.20	0.774	112.89	235.20	547.99			
6/22/99 9:00	1022.88	30.21	0.776	113.15	235.67	548.82	546.53		
6/22/99 9:15	1022.75	30.20	0.779	113.41	238.14	550.13			
6/22/99 9:30	1022.63	30.20	0.777	113.67	238.61	549.72			
6/22/99 9:45	1022.63	30.20	0.780	113.93	237.08	551.00			
6/22/99 10:00	1022.63	30.20	0.776	114.46	238.02	549.81	549.66		
6/22/99 10:15	1022.63	30.20	0.776	114.98	238.96	550.18			
6/22/99 10:30	1022.50	30.19	0.770	115.50	239.90	548.59			
6/22/99 10:45	1022.50	30.19	0.771	116.02	240.84	549.39			
6/22/99 11:00	1022.50	30.19	0.771	116.02	240.84	549.18	549.26		
6/22/99 11:15	1022.50	30.19	0.771	116.55	241.79	549.76			
6/22/99 11:30	1022.38	30.19	0.770	116.55	241.79	549.38			
6/22/99 11:45	1022.25	30.19	0.774	116.81	242.26	550.90			
6/22/99 12:00	1022.13	30.18	0.770	117.07	242.73	549.80	550.13		
6/22/99 12:15	1022.00	30.18	0.770	117.59	243.67	550.20			
6/22/99 12:30	1022.00	30.18	0.770	117.85	244.14	550.39			
6/22/99 12:45	1021.75	30.17	0.771	117.85	244.14	550.88			
6/22/99 13:00	1021.63	30.17	0.776	117.85	244.14	552.48	552.00		
6/22/99 13:15	1021.38	30.16	0.778	117.85	244.14	552.55			
6/22/99 13:30	1021.25	30.16	0.779	117.85	244.14	553.69			
6/22/99 13:45	1021.00	30.15	0.781	117.85	244.14	554.88			
6/22/99 14:00	1020.88	30.15	0.781	117.85	244.14	554.71	554.35		
6/22/99 14:15	1020.63	30.14	0.780	117.85	244.14	554.32			
6/22/99 14:30	1020.50	30.14	0.779	118.12	244.61	554.33			
6/22/99 14:45	1020.38	30.13	0.779	118.38	245.08	554.55			
6/22/99 15:00	1020.13	30.12	0.779	118.38	245.08	554.36	553.89		
6/22/99 15:15	1020.00	30.12	0.774	119.16	246.49	553.42			
6/22/99 15:30	1019.88	30.12	0.773	119.16	246.49	552.77			
6/22/99 15:45	1019.88	30.12	0.772	119.42	246.96	552.74			
6/22/99 16:00	1019.75	30.11	0.771	119.42	246.96	552.53	552.47		
6/22/99 16:15	1019.50	30.11	0.770	119.68	247.43	552.35			
6/22/99 16:30	1019.38	30.10	0.769	119.42	246.96	551.98			
6/22/99 16:45	1019.13	30.09	0.768	119.94	247.90	551.95			
6/22/99 17:00	1019.00	30.09	0.767	119.68	247.43	551.37	551.82		
6/22/99 17:15	1018.75	30.08	0.769	119.68	247.43	552.33			
6/22/99 17:30	1018.63	30.08	0.767	119.68	247.43	551.47			
6/22/99 17:45	1018.50	30.08	0.770	119.68	247.43	552.62			
6/22/99 18:00	1018.38	30.07	0.771	119.68	247.43	552.87	553.21		
6/22/99 18:15	1018.25	30.07	0.776	119.42	246.96	554.51			
6/22/99 18:30	1018.13	30.07	0.776	119.16	246.49	554.57			
6/22/99 18:45	1018.13	30.07	0.778	118.90	246.02	555.06			
6/22/99 19:00	1018.00	30.06	0.777	118.38	245.08	554.30	554.60		
6/22/99 19:15	1018.00	30.06	0.779	118.12	244.61	554.76			
6/22/99 19:30	1018.13	30.07	0.778	117.85	244.14	554.32			
6/22/99 19:45	1018.13	30.07	0.777	117.59	243.67	553.71			
6/22/99 20:00	1018.13	30.07	0.773	117.33	243.20	552.17	552.49		
6/22/99 20:15	1018.00	30.06	0.771	117.33	243.20	551.53			
6/22/99 20:30	1018.00	30.06	0.770	116.81	242.26	550.73			
6/22/99 20:45	1018.00	30.06	0.768	116.29	241.32	549.68			
6/22/99 21:00	1018.00	30.06	0.766	116.02	240.84	549.50	548.95		
6/22/99 21:15	1018.00	30.06	0.764	115.24	239.43	547.62			
6/22/99 21:30	1018.13	30.07	0.764	114.72	238.49	547.22			
6/22/99 21:45	1018.13	30.07	0.761	114.46	238.02	545.89			
6/22/99 22:00	1018.25	30.07	0.764	113.93	237.08	546.63	546.48		
6/22/99 22:15	1018.50	30.08	0.764	113.67	236.61	546.13			
6/22/99 22:30	1018.75	30.08	0.765	113.67	236.61	546.53			
6/22/99 22:45	1018.88	30.09	0.769	113.15	235.67	547.69			
6/22/99 23:00	1019.00	30.09	0.773	113.41	238.14	548.95	548.03		
6/22/99 23:15	1018.75	30.08	0.770	112.63	234.73	547.57			
6/22/99 23:30	1018.63	30.08	0.776	112.37	234.26	549.40			
6/22/99 23:45	1018.50	30.08	0.772	111.84	233.32	547.75			
6/23/99 0:00	1018.63	30.08	0.771	111.84	233.32	547.47	547.46		
6/23/99 0:15	1018.63	30.08	0.772	111.84	233.32	547.72			
6/23/99 0:30	1018.63	30.08	0.764	111.84	233.32	545.05			
6/23/99 0:45	1018.63	30.08	0.764	111.84	233.32	544.80			
6/23/99 1:00	1018.50	30.08	0.764	111.84	233.32	544.84	544.73		
6/23/99 1:15	1018.38	30.07	0.763	111.84	233.32	544.66			
6/23/99 1:30	1018.25	30.07	0.763	111.32	232.38	544.32			
6/23/99 1:45	1018.13	30.07	0.762	111.32	232.38	543.92			
6/23/99 2:00	1018.13	30.07	0.759	111.32	232.38	543.03	543.44		
6/23/99 2:15	1018.00	30.06	0.760	111.32	232.38	543.28			
6/23/99 2:30	1017.88	30.06	0.759	111.06	231.91	542.66			
6/23/99 2:45	1017.88	30.06	0.761	111.06	231.91	543.56			
6/23/99 3:00	1017.88	30.06	0.767	110.80	231.44	545.40	544.49		
6/23/99 3:15	1017.88	30.06	0.767	110.28	230.50	545.03			
6/23/99 3:30	1017.63	30.05	0.769	110.02	230.03	545.80			
6/23/99 3:45	1017.50	30.05	0.769	110.02	230.03	545.83			
6/23/99 4:00	1017.38	30.04	0.769	110.02	230.03	545.87	545.54		
6/23/99 4:15	1017.25	30.04	0.768	110.28	230.50	545.41			
6/23/99 4:30	1017.25	30.04	0.766	110.02	230.03	544.76			
6/23/99 4:45	1017.25	30.04	0.764	110.02	230.03	544.12			
6/23/99 5:00	1017.13	30.04	0.764	110.54	230.97	544.53	543.88		
6/23/99 5:15	1017.13	30.04	0.761	110.54	230.97	543.17			
6/23/99 5:30	1017.25	30.04	0.759	110.54	230.97	542.71			
6/23/99 5:45	1017.25	30.04	0.759	110.54	230.97	542.71			
6/23/99 6:00	1017.50	30.05	0.761	110.28	230.50	542.89	542.68		
6/23/99 6:15	1017.50	30.05	0.759	110.54	230.97	542.39			
6/23/99 6:30	1017.75	30.05	0.759	110.54	230.97	542.58			
6/23/99 6:45	1017.75	30.05	0.761	110.28	230.50	542.62			
6/23/99 7:00	1018.00	30.06	0.760	110.02	230.03	542.38	543.04		
6/23/99 7:15	1018.25	30.07	0.764	108.71	227.68	542.93			
6/23/99 7:30	1018.25	30.07	0.769	108.45	227.21	544.52			
6/23/99 7:45	1018.13	30.07	0.766	109.23	228.62	544.65			
6/23/99 8:00	1018.13	30.07	0.769	110.28	230.50	545.60	545.96		
6/23/99 8:15	1018.25	30.07	0.773	111.06	231.91	547.48			
6/23/99 8:30	1018.25	30.07	0.771	111.84	233.32	547.57			
6/23/99 8:45	1018.00	30.06	0.771	112.37	234.26	548.01			
6/23/99 9:00	1017.88	30.06	0.767	113.15	235.87	547.07	547.42		
6/23/99 9:15	1018.00	30.06	0.766	113.93	237.08	547.34			
6/23/99 9:30	1017.88	30.06	0.764	114.46	236.02	547.10			
6/23/99 9:45	1017.75	30.05	0.763	114.98	238.96	546.82			
6/23/99 10:00	1017.75	30.05	0.764	115.50	239.90	547.87	547.56		
6/23/99 10:15	1017.75	30.05	0.765	116.02	240.84	548.45			
6/23/99 10:30	1017.63	30.05	0.762	116.29	241.32	547.56			
6/23/99 10:45	1017.38	30.04	0.765	116.55	241.79	548.92			
6/23/99 11:00	1017.25	30.04	0.763	117.07	242.73	548.43	548.47		
6/23/99 11:15	1017.25	30.04	0.764	117.33	243.20	549.29			
6/23/99 11:30	1017.00	30.03	0.761	117.59	243.67	548.18			
6/23/99 11:45	1017.00	30.03	0.769	117.59	243.67	551.09			
6/23/99 12:00	1016.75	30.02	0.774	117.59	243.67	552.94	551.76		
6/23/99 12:15	1016.63	30.02	0.773	117.85	244.14	552.73			
6/23/99 12:30	1016.63	30.02	0.776	117.85	244.14	553.84			
6/23/99 12:45	1016.38	30.01	0.778	118.12	244.61	554.09			
6/23/99 13:00	1016.25	30.01	0.774	118.64	245.55	554.07	553.68		
6/23/99 13:15	1016.13	30.01	0.775	118.64	245.55	554.32			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/21/99 2:00	1023.38	30.22	0.768	111.84	233.32	545.10	545.32		
6/21/99 2:15	1023.38	30.22	0.768	111.84	233.32	544.89			
6/21/99 2:30	1023.25	30.22	0.765	111.84	233.32	544.03			
6/21/99 2:45	1023.13	30.21	0.765	111.84	233.32	544.07			
6/21/99 3:00	1023.00	30.21	0.765	112.11	233.79	544.28	543.91		
6/21/99 3:15	1022.88	30.21	0.764	111.84	233.32	543.92			
6/21/99 3:30	1022.88	30.21	0.763	111.84	233.32	543.24			
6/21/99 3:45	1022.88	30.21	0.761	111.84	233.32	542.78			
6/21/99 4:00	1022.88	30.21	0.766	111.58	232.85	544.37	544.08		
6/21/99 4:15	1022.88	30.21	0.768	111.32	232.38	544.65			
6/21/99 4:30	1022.88	30.21	0.770	111.06	231.91	545.35			
6/21/99 4:45	1023.13	30.21	0.773	111.06	231.91	546.17			
6/21/99 5:00	1023.25	30.22	0.773	110.80	231.44	545.95	546.09		
6/21/99 5:15	1023.50	30.22	0.773	111.06	231.91	546.28			
6/21/99 5:30	1023.75	30.23	0.775	110.80	231.44	546.70			
6/21/99 5:45	1023.75	30.23	0.768	111.06	231.91	544.23			
6/21/99 6:00	1023.88	30.23	0.767	111.06	231.91	543.99	544.42		
6/21/99 6:15	1024.00	30.24	0.766	111.06	231.91	543.49			
6/21/99 6:30	1024.00	30.24	0.766	111.32	232.38	543.68			
6/21/99 6:45	1023.75	30.23	0.763	111.32	232.38	542.86			
6/21/99 7:00	1023.75	30.23	0.766	111.58	232.85	543.93	543.47		
6/21/99 7:15	1023.88	30.23	0.763	112.11	233.79	543.37			
6/21/99 7:30	1024.00	30.24	0.763	112.37	234.26	543.53			
6/21/99 7:45	1024.00	30.24	0.764	112.89	235.20	544.11			
6/21/99 8:00	1024.13	30.24	0.769	113.15	235.67	546.29	545.96		
6/21/99 8:15	1024.00	30.24	0.775	112.89	235.20	548.12			
6/21/99 8:30	1024.25	30.25	0.774	113.15	235.67	547.78			
6/21/99 8:45	1024.38	30.25	0.777	113.41	236.14	549.06			
6/21/99 9:00	1024.38	30.25	0.778	113.67	236.61	549.67	551.39		
6/21/99 9:15	1024.50	30.25	0.816	111.58	232.85	561.20			
6/21/99 9:30	1024.50	30.25	0.778	113.41	236.14	549.24			
6/21/99 9:45	1024.50	30.25	0.773	113.93	237.08	548.05			
6/21/99 10:00	1024.50	30.25	0.771	114.46	236.02	547.75	547.75		
6/21/99 10:15	1024.38	30.25	0.768	114.72	236.49	546.86			
6/21/99 10:30	1024.38	30.25	0.768	114.98	236.96	546.83			
6/21/99 10:45	1024.25	30.25	0.766	115.24	239.43	546.59			
6/21/99 11:00	1024.13	30.24	0.769	116.02	240.84	546.06	547.44		
6/21/99 11:15	1024.00	30.24	0.769	116.02	240.84	548.10			
6/21/99 11:30	1023.86	30.23	0.766	116.55	241.79	547.61			
6/21/99 11:45	1023.75	30.23	0.769	117.07	242.73	549.15			
6/21/99 12:00	1023.75	30.23	0.768	117.33	243.20	548.87	550.14		
6/21/99 12:15	1023.50	30.22	0.775	117.33	243.20	551.40			
6/21/99 12:30	1023.38	30.22	0.781	117.33	243.20	553.67			
6/21/99 12:45	1023.38	30.22	0.781	117.33	243.20	553.42			
6/21/99 13:00	1023.25	30.22	0.781	117.33	243.20	553.45	553.39		
6/21/99 13:15	1023.25	30.22	0.780	117.59	243.67	553.42			
6/21/99 13:30	1023.00	30.21	0.778	117.85	244.14	553.00			
6/21/99 13:45	1022.88	30.21	0.780	117.85	244.14	553.71			
6/21/99 14:00	1022.88	30.21	0.776	117.85	244.14	552.36	552.51		
6/21/99 14:15	1022.75	30.20	0.774	117.85	244.14	551.50			
6/21/99 14:30	1022.63	30.20	0.774	118.12	244.61	551.97			
6/21/99 14:45	1022.50	30.19	0.771	118.12	244.61	550.86			
6/21/99 15:00	1022.38	30.19	0.771	118.38	245.08	551.08	551.44		
6/21/99 15:15	1022.25	30.19	0.774	118.12	244.61	552.07			
6/21/99 15:30	1022.13	30.18	0.772	118.12	244.61	551.21			
6/21/99 15:45	1022.00	30.18	0.769	118.38	245.08	550.29			
6/21/99 16:00	1021.75	30.17	0.770	118.64	245.55	551.00	551.09		
6/21/99 16:15	1021.75	30.17	0.770	118.64	245.55	551.00			
6/21/99 16:30	1021.63	30.17	0.773	118.38	245.08	551.96			
6/21/99 16:45	1021.63	30.17	0.777	118.12	244.61	553.13			
6/21/99 17:00	1021.63	30.17	0.782	118.12	244.61	554.91	553.89		
6/21/99 17:15	1021.50	30.16	0.779	118.12	244.61	554.06			
6/21/99 17:30	1021.50	30.16	0.783	118.12	244.61	555.37			
6/21/99 17:45	1021.50	30.16	0.781	118.12	244.61	554.73			
6/21/99 18:00	1021.50	30.16	0.780	117.85	244.14	554.08	553.84		
6/21/99 18:15	1021.25	30.16	0.778	117.59	243.67	553.29			
6/21/99 18:30	1021.13	30.15	0.773	117.85	244.14	551.73			
6/21/99 18:45	1021.00	30.15	0.772	118.12	244.61	551.52			
6/21/99 19:00	1021.00	30.15	0.771	118.12	244.61	551.27	551.43		
6/21/99 19:15	1021.00	30.15	0.773	117.85	244.14	551.55			
6/21/99 19:30	1021.00	30.15	0.771	117.85	244.14	551.08			
6/21/99 19:45	1021.13	30.15	0.769	117.33	243.20	549.79			
6/21/99 20:00	1021.00	30.15	0.772	117.33	243.20	550.97	550.28		
6/21/99 20:15	1021.00	30.15	0.770	116.81	242.28	549.92			
6/21/99 20:30	1021.00	30.15	0.769	116.55	241.79	549.52			
6/21/99 20:45	1021.00	30.15	0.771	115.76	240.37	549.40			
6/21/99 21:00	1021.13	30.15	0.778	114.98	238.96	551.28	549.92		
6/21/99 21:15	1021.13	30.15	0.774	114.20	237.55	549.60			
6/21/99 21:30	1021.25	30.16	0.776	113.67	236.61	549.84			
6/21/99 21:45	1021.38	30.16	0.776	113.67	236.61	549.80			
6/21/99 22:00	1021.38	30.16	0.776	113.41	236.14	549.62	549.43		
6/21/99 22:15	1021.38	30.16	0.775	113.41	236.14	549.19			
6/21/99 22:30	1021.50	30.16	0.774	113.41	236.14	548.70			
6/21/99 22:45	1021.50	30.16	0.769	113.67	236.61	547.36			
6/21/99 23:00	1021.50	30.16	0.769	114.20	237.55	547.46	547.97		
6/21/99 23:15	1021.63	30.17	0.770	114.72	238.49	548.28			
6/21/99 23:30	1021.63	30.17	0.769	114.72	238.49	548.06			
6/21/99 23:45	1021.63	30.17	0.769	114.72	238.49	548.06			
6/22/99 0:00	1021.50	30.16	0.769	114.72	238.49	548.10	547.85		
6/22/99 0:15	1021.83	30.17	0.768	114.46	238.02	547.41			
6/22/99 0:30	1021.83	30.17	0.769	114.46	238.02	547.63			
6/22/99 0:45	1021.83	30.17	0.772	114.20	237.55	548.58			
6/22/99 1:00	1021.63	30.17	0.775	113.67	236.61	549.31	548.62		
6/22/99 1:15	1021.63	30.17	0.774	113.41	236.14	548.91			
6/22/99 1:30	1021.63	30.17	0.774	113.41	236.14	548.67			
6/22/99 1:45	1021.63	30.17	0.776	113.15	235.67	549.15			
6/22/99 2:00	1021.75	30.17	0.774	112.89	235.20	548.26	548.81		
6/22/99 2:15	1021.75	30.17	0.778	112.63	234.73	549.42			
6/22/99 2:30	1021.63	30.17	0.775	112.63	234.73	548.57			
6/22/99 2:45	1021.63	30.17	0.772	112.63	234.73	547.47			
6/22/99 3:00	1021.63	30.17	0.768	112.37	234.26	545.72	546.57		
6/22/99 3:15	1021.63	30.17	0.768	112.11	233.79	545.75			
6/22/99 3:30	1021.63	30.17	0.767	112.11	233.79	545.33			
6/22/99 3:45	1021.63	30.17	0.767	111.84	233.32	545.14			
6/22/99 4:00	1021.63	30.17	0.766	111.84	233.32	544.89	545.05		
6/22/99 4:15	1021.63	30.17	0.766	111.58	232.85	544.71			
6/22/99 4:30	1021.63	30.17	0.768	111.58	232.85	545.17			
6/22/99 4:45	1021.63	30.17	0.766	111.32	232.38	544.52			
6/22/99 5:00	1021.75	30.17	0.773	110.80	231.44	546.35	545.88		
6/22/99 5:15	1021.88	30.18	0.774	110.54	230.97	546.56			
6/22/99 5:30	1022.00	30.18	0.776	110.02	230.03	546.82			
6/22/99 5:45	1022.00	30.18	0.774	110.02	230.03	546.15			
6/22/99 6:00	1022.00	30.18	0.774	110.02	230.03	546.40	546.08		
6/22/99 6:15	1022.13	30.18	0.773	110.28	230.50	546.09			
6/22/99 6:30	1022.25	30.19	0.769	110.54	230.97	544.93			
6/22/99 6:45	1022.38	30.19	0.769	110.02	230.03	544.28			
6/22/99 7:00	1022.50	30.19	0.771	110.28	230.50	545.11	544.34		
6/22/99 7:15	1022.50	30.19	0.766	110.54	230.97	543.73			
6/22/99 7:30	1022.63	30.20	0.765	111.06	231.91	543.64			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/19/99 20:15	1023.88	30.23	0.776	113.93	237.08	549.11			
6/19/99 20:30	1023.88	30.23	0.777	113.41	236.14	549.19			
6/19/99 20:45	1023.88	30.23	0.773	113.15	235.67	547.45			
6/19/99 21:00	1023.88	30.23	0.776	112.63	234.73	548.18	547.55		
6/19/99 21:15	1023.75	30.23	0.771	112.37	234.26	546.47			
6/19/99 21:30	1023.75	30.23	0.771	112.37	234.26	546.47			
6/19/99 21:45	1023.63	30.23	0.766	112.11	233.79	544.54			
6/19/99 22:00	1023.75	30.23	0.768	112.11	233.79	544.97	544.69		
6/19/99 22:15	1023.88	30.23	0.765	112.11	233.79	544.05			
6/19/99 22:30	1024.00	30.24	0.764	111.58	232.85	543.44			
6/19/99 22:45	1024.13	30.24	0.763	111.32	232.38	542.76			
6/19/99 23:00	1024.00	30.24	0.763	111.58	232.85	542.97	543.49		
6/19/99 23:15	1024.00	30.24	0.763	112.11	233.79	543.34			
6/19/99 23:30	1023.88	30.23	0.768	112.11	233.79	544.94			
6/19/99 23:45	1023.88	30.23	0.769	112.11	233.79	545.61			
6/20/99 0:00	1024.00	30.24	0.774	111.84	233.32	546.92	546.00		
6/20/99 0:15	1023.88	30.23	0.773	111.06	231.91	546.18			
6/20/99 0:30	1023.88	30.23	0.773	111.32	232.38	546.37			
6/20/99 0:45	1023.63	30.23	0.775	111.06	231.91	546.92			
6/20/99 1:00	1023.50	30.22	0.771	111.32	232.38	545.80	545.45		
6/20/99 1:15	1023.38	30.22	0.768	111.32	232.38	544.73			
6/20/99 1:30	1023.38	30.22	0.764	111.32	232.38	543.42			
6/20/99 1:45	1023.38	30.22	0.764	111.32	232.38	543.42			
6/20/99 2:00	1023.38	30.22	0.762	111.06	231.91	542.34	542.74		
6/20/99 2:15	1023.38	30.22	0.763	110.80	231.44	542.37			
6/20/99 2:30	1023.50	30.22	0.763	110.54	230.97	542.15			
6/20/99 2:45	1023.50	30.22	0.764	110.02	230.03	542.21			
6/20/99 3:00	1023.38	30.22	0.758	110.02	230.03	540.25	542.09		
6/20/99 3:15	1023.38	30.22	0.763	109.75	229.56	541.85			
6/20/99 3:30	1023.25	30.22	0.771	108.97	228.15	543.98			
6/20/99 3:45	1023.25	30.22	0.773	108.71	227.68	544.46			
6/20/99 4:00	1023.38	30.22	0.773	108.45	227.21	544.24	543.95		
6/20/99 4:15	1023.63	30.23	0.772	108.45	227.21	543.97			
6/20/99 4:30	1023.75	30.23	0.770	108.19	226.73	543.08			
6/20/99 4:45	1023.88	30.23	0.772	108.19	226.73	543.71			
6/20/99 5:00	1024.00	30.24	0.768	108.19	226.73	542.34	542.13		
6/20/99 5:15	1024.00	30.24	0.766	108.19	226.73	541.46			
6/20/99 5:30	1024.00	30.24	0.761	108.45	227.21	540.08			
6/20/99 5:45	1024.13	30.24	0.763	108.45	227.21	540.51			
6/20/99 6:00	1024.25	30.25	0.764	108.71	227.68	541.09	540.76		
6/20/99 6:15	1024.38	30.25	0.762	109.23	228.62	540.79			
6/20/99 6:30	1024.63	30.26	0.763	109.49	229.09	541.33			
6/20/99 6:45	1024.63	30.26	0.766	109.49	229.09	542.43			
6/20/99 7:00	1024.75	30.26	0.769	109.49	229.09	543.26	543.22		
6/20/99 7:15	1024.75	30.26	0.772	109.49	229.09	544.41			
6/20/99 7:30	1024.75	30.26	0.773	109.49	229.09	544.62			
6/20/99 7:45	1024.75	30.26	0.777	109.49	229.09	546.17			
6/20/99 8:00	1024.88	30.26	0.778	109.75	229.56	546.54	545.73		
6/20/99 8:15	1024.88	30.26	0.776	110.02	230.03	546.05			
6/20/99 8:30	1025.00	30.27	0.772	110.80	231.44	545.27			
6/20/99 8:45	1024.88	30.26	0.771	111.32	232.38	545.22			
6/20/99 9:00	1025.00	30.27	0.768	112.11	233.79	544.64	545.14		
6/20/99 9:15	1025.13	30.27	0.768	112.63	234.73	544.98			
6/20/99 9:30	1025.00	30.27	0.769	112.89	235.20	545.62			
6/20/99 9:45	1025.13	30.27	0.768	113.41	236.14	545.53			
6/20/99 10:00	1025.00	30.27	0.768	113.67	236.61	545.75	546.04		
6/20/99 10:15	1025.13	30.27	0.769	113.93	237.08	546.32			
6/20/99 10:30	1025.00	30.27	0.769	114.46	238.02	546.97			
6/20/99 10:45	1025.00	30.27	0.768	114.72	238.49	546.48			
6/20/99 11:00	1024.88	30.26	0.771	114.98	238.96	546.02	546.18		
6/20/99 11:15	1024.75	30.26	0.776	114.98	238.96	549.61			
6/20/99 11:30	1024.75	30.26	0.776	115.24	239.43	549.80			
6/20/99 11:45	1024.75	30.26	0.776	115.24	239.43	550.01			
6/20/99 12:00	1024.75	30.26	0.778	115.24	239.43	550.88	550.52		
6/20/99 12:15	1024.75	30.26	0.781	115.24	239.43	551.57			
6/20/99 12:30	1024.75	30.26	0.776	116.02	240.84	550.56			
6/20/99 12:45	1024.63	30.26	0.776	116.29	241.32	550.78			
6/20/99 13:00	1024.50	30.25	0.771	116.81	242.26	549.41	549.91		
6/20/99 13:15	1024.50	30.25	0.771	117.07	242.73	549.59			
6/20/99 13:30	1024.38	30.25	0.771	116.81	242.26	549.23			
6/20/99 13:45	1024.13	30.24	0.769	117.33	243.20	548.98			
6/20/99 14:00	1024.00	30.24	0.771	117.33	243.20	549.69	549.35		
6/20/99 14:15	1023.88	30.23	0.769	117.33	243.20	549.30			
6/20/99 14:30	1023.75	30.23	0.770	117.33	243.20	549.55			
6/20/99 14:45	1023.75	30.23	0.768	117.59	243.67	549.05			
6/20/99 15:00	1023.63	30.23	0.769	117.33	243.20	549.12	549.59		
6/20/99 15:15	1023.50	30.22	0.769	117.33	243.20	549.15			
6/20/99 15:30	1023.25	30.22	0.774	117.07	242.73	551.07			
6/20/99 15:45	1023.13	30.21	0.778	116.81	242.26	552.23			
6/20/99 16:00	1023.00	30.21	0.776	116.81	242.26	551.59	551.80		
6/20/99 16:15	1022.88	30.21	0.776	117.07	242.73	551.59			
6/20/99 16:30	1022.88	30.21	0.779	116.81	242.26	552.51			
6/20/99 16:45	1022.88	30.21	0.779	116.81	242.26	552.76			
6/20/99 17:00	1022.88	30.21	0.777	116.81	242.26	551.87	551.36		
6/20/99 17:15	1022.75	30.20	0.772	117.33	243.20	550.49			
6/20/99 17:30	1022.63	30.20	0.768	117.33	243.20	549.17			
6/20/99 17:45	1022.63	30.20	0.769	117.33	243.20	549.84			
6/20/99 18:00	1022.50	30.19	0.771	117.33	243.20	550.10	549.45		
6/20/99 18:15	1022.38	30.19	0.769	117.33	243.20	549.45			
6/20/99 18:30	1022.25	30.19	0.768	117.07	242.73	548.87			
6/20/99 18:45	1022.38	30.19	0.768	116.81	242.26	548.87			
6/20/99 19:00	1022.38	30.19	0.764	116.81	242.26	547.30	548.35		
6/20/99 19:15	1022.38	30.19	0.768	116.81	242.26	548.66			
6/20/99 19:30	1022.25	30.19	0.766	116.55	241.79	548.04			
6/20/99 19:45	1022.25	30.19	0.771	116.29	241.32	549.84			
6/20/99 20:00	1022.25	30.19	0.774	116.02	240.84	550.60	550.14		
6/20/99 20:15	1022.13	30.18	0.778	115.76	240.37	551.55			
6/20/99 20:30	1022.25	30.19	0.776	115.50	239.90	550.87			
6/20/99 20:45	1022.38	30.19	0.776	115.24	239.43	551.11			
6/20/99 21:00	1022.38	30.19	0.774	115.24	239.43	550.01	550.23		0.767763
6/20/99 21:15	1022.25	30.19	0.773	115.24	239.43	549.58			
6/20/99 21:30	1022.25	30.19	0.774	114.98	238.96	549.61			
6/20/99 21:45	1022.38	30.19	0.772	115.24	239.43	549.12			
6/20/99 22:00	1022.50	30.19	0.768	114.98	238.96	547.33	548.01		
6/20/99 22:15	1022.63	30.20	0.768	114.72	238.49	547.12			
6/20/99 22:30	1022.88	30.21	0.768	114.46	238.02	546.67			
6/20/99 22:45	1022.88	30.21	0.768	114.46	238.02	547.08			
6/20/99 23:00	1022.88	30.21	0.766	114.20	237.55	546.22	546.19		
6/20/99 23:15	1022.66	30.21	0.764	113.93	237.08	545.14			
6/20/99 23:30	1022.75	30.20	0.765	113.93	237.08	545.64			
6/20/99 23:45	1023.00	30.21	0.764	113.41	236.14	544.99			
6/21/99 0:00	1022.88	30.21	0.769	112.89	235.20	546.43	546.26		
6/21/99 0:15	1022.88	30.21	0.772	112.11	233.79	546.77			
6/21/99 0:30	1023.00	30.21	0.775	111.58	232.85	547.46			
6/21/99 0:45	1023.00	30.21	0.773	111.32	232.38	546.39			
6/21/99 1:00	1023.13	30.21	0.776	111.32	232.38	547.45	547.05		
6/21/99 1:15	1023.25	30.22	0.774	111.32	232.38	546.99			
6/21/99 1:30	1023.38	30.22	0.774	111.32	232.38	546.96			
6/21/99 1:45	1023.38	30.22	0.771	111.32	232.38	545.62			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/18/99 14:30	1026.88	30.32	0.779	113.93	237.08	549.40			
6/18/99 14:45	1026.63	30.32	0.776	114.46	238.02	546.95			
6/18/99 15:00	1026.63	30.32	0.773	114.98	238.96	548.22	546.58		
6/18/99 15:15	1026.38	30.31	0.774	114.98	238.96	548.75			
6/18/99 15:30	1026.38	30.31	0.771	115.24	239.43	547.59			
6/18/99 15:45	1026.13	30.30	0.770	115.24	239.43	547.44			
6/18/99 16:00	1026.13	30.30	0.769	115.50	239.90	547.41	547.48		
6/18/99 16:15	1026.00	30.30	0.769	116.02	240.84	547.56			
6/18/99 16:30	1025.75	30.29	0.766	116.02	240.84	547.42			
6/18/99 16:45	1025.63	30.29	0.769	116.02	240.84	547.66			
6/18/99 17:00	1025.63	30.29	0.776	115.76	240.37	549.93	549.13		
6/18/99 17:15	1025.63	30.29	0.776	115.50	239.90	549.96			
6/18/99 17:30	1025.50	30.28	0.779	115.24	239.43	550.69			
6/18/99 17:45	1025.38	30.28	0.781	115.24	239.43	551.64			
6/18/99 18:00	1025.25	30.28	0.779	115.24	239.43	550.76	550.81		
6/18/99 18:15	1025.13	30.27	0.778	115.24	239.43	550.58			
6/18/99 18:30	1025.13	30.27	0.778	115.24	239.43	550.37			
6/18/99 18:45	1025.13	30.27	0.776	114.98	238.96	549.51			
6/18/99 19:00	1025.25	30.28	0.776	114.96	238.96	549.48	548.78		
6/18/99 19:15	1025.25	30.28	0.772	114.98	238.96	548.16			
6/18/99 19:30	1025.38	30.28	0.768	114.72	238.49	546.38			
6/18/99 19:45	1025.50	30.28	0.770	114.72	238.49	547.24			
6/18/99 20:00	1025.50	30.28	0.771	114.46	238.02	547.27	546.61		
6/18/99 20:15	1025.50	30.28	0.767	114.46	238.02	545.95			
6/18/99 20:30	1025.63	30.29	0.769	113.93	237.08	546.19			
6/18/99 20:45	1025.75	30.29	0.766	113.93	237.08	545.27			
6/18/99 21:00	1025.63	30.29	0.771	113.41	236.14	546.50	546.40		
6/18/99 21:15	1025.75	30.29	0.774	112.11	233.79	546.88			
6/18/99 21:30	1025.63	30.29	0.778	111.58	232.85	547.18			
6/18/99 21:45	1025.88	30.29	0.776	111.06	231.91	546.53			
6/18/99 22:00	1026.13	30.30	0.778	110.80	231.44	547.16	546.54		
6/18/99 22:15	1026.13	30.30	0.776	110.54	230.97	546.09			
6/18/99 22:30	1026.13	30.30	0.776	110.02	230.03	545.72			
6/18/99 22:45	1026.13	30.30	0.772	110.54	230.97	544.79			
6/18/99 23:00	1026.38	30.31	0.769	110.54	230.97	543.59	544.10		
6/18/99 23:15	1026.38	30.31	0.769	110.54	230.97	543.59			
6/18/99 23:30	1026.38	30.31	0.768	110.02	230.03	542.80			
6/18/99 23:45	1026.38	30.31	0.766	110.02	230.03	542.34			
6/19/99 0:00	1026.50	30.31	0.766	110.02	230.03	542.30	542.33		
6/19/99 0:15	1026.38	30.31	0.766	110.28	230.50	542.31			
6/19/99 0:30	1026.38	30.31	0.764	110.28	230.50	541.88			
6/19/99 0:45	1026.50	30.31	0.770	109.75	229.56	543.46			
6/19/99 1:00	1026.50	30.31	0.772	109.23	228.62	543.76	543.54		
6/19/99 1:15	1026.50	30.31	0.772	108.71	227.68	543.39			
6/19/99 1:30	1026.38	30.31	0.778	108.45	227.21	545.20			
6/19/99 1:45	1026.25	30.31	0.775	108.19	226.73	544.17			
6/19/99 2:00	1026.13	30.30	0.776	108.19	226.73	544.42	543.97		
6/19/99 2:15	1026.00	30.30	0.774	108.19	226.73	543.78			
6/19/99 2:30	1026.00	30.30	0.769	108.19	226.73	542.27			
6/19/99 2:45	1025.88	30.29	0.767	108.45	227.21	541.61			
6/19/99 3:00	1025.88	30.29	0.765	108.45	227.21	540.93	541.27		
6/19/99 3:15	1026.00	30.30	0.766	108.45	227.21	541.33			
6/19/99 3:30	1026.00	30.30	0.763	108.45	227.21	540.23			
6/19/99 3:45	1026.13	30.30	0.764	108.19	226.73	540.22			
6/19/99 4:00	1026.00	30.30	0.763	108.19	226.73	540.04	540.40		
6/19/99 4:15	1026.13	30.30	0.764	107.92	226.26	540.29			
6/19/99 4:30	1026.13	30.30	0.768	107.40	225.32	541.22			
6/19/99 4:45	1026.13	30.30	0.771	107.14	224.85	542.13			
6/19/99 5:00	1026.13	30.30	0.773	107.14	224.85	542.58	542.09		
6/19/99 5:15	1026.13	30.30	0.772	106.88	224.38	542.19			
6/19/99 5:30	1026.38	30.31	0.773	106.88	224.38	542.33			
6/19/99 5:45	1026.50	30.31	0.773	106.88	224.38	542.30			
6/19/99 6:00	1026.50	30.31	0.766	107.40	225.32	540.45	541.05		
6/19/99 6:15	1026.63	30.32	0.764	107.40	225.32	539.78			
6/19/99 6:30	1026.63	30.32	0.766	107.66	225.79	540.39			
6/19/99 6:45	1026.75	30.32	0.764	108.19	226.73	540.31			
6/19/99 7:00	1026.63	30.32	0.764	108.19	226.73	540.34	540.26		
6/19/99 7:15	1026.63	30.32	0.763	108.45	227.21	540.07			
6/19/99 7:30	1026.75	30.32	0.763	108.71	227.68	540.22			
6/19/99 7:45	1026.75	30.32	0.767	108.71	227.68	541.56			
6/19/99 8:00	1026.75	30.32	0.772	108.71	227.68	543.32	542.75		
6/19/99 8:15	1026.75	30.32	0.773	109.23	228.62	544.12			
6/19/99 8:30	1026.75	30.32	0.774	109.49	229.09	544.51			
6/19/99 8:45	1026.88	30.32	0.778	109.75	229.56	546.21			
6/19/99 9:00	1026.88	30.32	0.774	110.02	230.03	544.85	545.30		
6/19/99 9:15	1026.88	30.32	0.776	110.28	230.50	545.92			
6/19/99 9:30	1026.88	30.32	0.773	110.80	231.44	544.99			
6/19/99 9:45	1026.75	30.32	0.770	111.32	232.38	544.51			
6/19/99 10:00	1026.75	30.32	0.768	111.32	232.38	543.62	544.17		
6/19/99 10:15	1026.75	30.32	0.768	111.84	233.32	543.99			
6/19/99 10:30	1026.63	30.32	0.766	112.11	233.79	543.75			
6/19/99 10:45	1026.50	30.31	0.766	112.37	234.26	543.75			
6/19/99 11:00	1026.38	30.31	0.768	112.89	235.20	545.04	544.38		
6/19/99 11:15	1026.25	30.31	0.766	113.15	235.67	544.58			
6/19/99 11:30	1026.25	30.31	0.766	113.41	236.14	544.77			
6/19/99 11:45	1026.25	30.31	0.774	113.41	236.14	547.43			
6/19/99 12:00	1026.13	30.30	0.776	113.15	235.67	546.16	547.59		
6/19/99 12:15	1026.13	30.30	0.776	113.41	236.14	546.34			
6/19/99 12:30	1026.00	30.30	0.776	113.67	236.61	549.23			
6/19/99 12:45	1025.88	30.29	0.778	113.93	237.08	549.45			
6/19/99 13:00	1025.63	30.29	0.779	113.93	237.08	549.73	549.34		
6/19/99 13:15	1025.63	30.29	0.778	114.46	238.02	549.89			
6/19/99 13:30	1025.38	30.28	0.774	114.46	238.02	548.40			
6/19/99 13:45	1025.38	30.28	0.772	114.72	238.49	547.95			
6/19/99 14:00	1025.38	30.28	0.771	114.72	238.49	547.70	547.57		
6/19/99 14:15	1025.13	30.27	0.770	114.72	238.49	547.34			
6/19/99 14:30	1024.88	30.28	0.767	114.98	238.96	546.49			
6/19/99 14:45	1024.88	30.28	0.769	115.24	239.43	547.56			
6/19/99 15:00	1024.63	30.28	0.770	115.24	239.43	547.84	547.14		
6/19/99 15:15	1024.63	30.28	0.766	115.24	239.43	547.16			
6/19/99 15:30	1024.63	30.28	0.766	115.76	240.37	546.84			
6/19/99 15:45	1024.63	30.28	0.772	115.76	240.37	548.89			
6/19/99 16:00	1024.63	30.28	0.775	115.24	239.43	549.62	549.11		
6/19/99 16:15	1024.63	30.28	0.778	115.24	239.43	550.50			
6/19/99 16:30	1024.38	30.25	0.776	115.24	239.43	549.90			
6/19/99 16:45	1024.25	30.25	0.777	115.24	239.43	550.39			
6/19/99 17:00	1024.25	30.25	0.778	114.98	238.96	550.42	549.76		
6/19/99 17:15	1024.25	30.25	0.776	114.98	238.96	549.75			
6/19/99 17:30	1024.25	30.25	0.771	115.24	239.43	548.37			
6/19/99 17:45	1024.25	30.25	0.769	115.24	239.43	547.73			
6/19/99 18:00	1024.13	30.24	0.768	115.24	239.43	547.08	547.55		
6/19/99 18:15	1024.13	30.24	0.768	115.24	239.43	547.08			
6/19/99 18:30	1024.25	30.25	0.769	115.24	239.43	547.46			
6/19/99 18:45	1024.13	30.24	0.768	115.24	239.43	547.30			
6/19/99 19:00	1024.00	30.24	0.766	115.24	239.43	546.85	546.75		
6/19/99 19:15	1024.00	30.24	0.765	114.98	238.96	546.04			
6/19/99 19:30	1023.88	30.23	0.766	114.98	238.96	546.29			
6/19/99 19:45	1023.88	30.23	0.771	114.72	238.49	548.10			
6/19/99 20:00	1024.00	30.24	0.774	114.20	237.55	548.83	548.30		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/17/99 8:45	1022.63	30.20	0.758	109.23	228.62	539.90			
6/17/99 9:00	1022.63	30.20	0.758	109.75	229.56	540.05	542.60		
6/17/99 9:15	1022.63	30.20	0.757	110.02	230.03	540.02			
6/17/99 9:30	1022.63	30.20	0.758	110.02	230.03	540.24			
6/17/99 9:45	1022.63	30.20	0.758	110.54	230.97	540.82			
6/17/99 10:00	1022.50	30.19	0.765	110.02	230.03	542.94	542.56		
6/17/99 10:15	1022.50	30.19	0.768	110.54	230.97	544.20			
6/17/99 10:30	1022.50	30.19	0.769	110.54	230.97	544.62			
6/17/99 10:45	1022.63	30.20	0.769	110.80	231.44	544.77			
6/17/99 11:00	1022.63	30.20	0.771	111.06	231.91	545.63	545.28		
6/17/99 11:15	1022.75	30.20	0.773	111.06	231.91	546.27			
6/17/99 11:30	1022.75	30.20	0.768	111.58	232.85	545.08			
6/17/99 11:45	1022.75	30.20	0.766	112.11	233.79	544.78			
6/17/99 12:00	1022.75	30.20	0.764	112.37	234.26	544.32	544.73		
6/17/99 12:15	1022.63	30.20	0.764	112.63	234.73	544.29			
6/17/99 12:30	1022.63	30.20	0.766	112.63	234.73	545.18			
6/17/99 12:45	1022.75	30.20	0.761	112.89	235.20	543.55			
6/17/99 13:00	1022.63	30.20	0.762	113.15	235.67	544.02	544.37		
6/17/99 13:15	1022.50	30.19	0.765	113.41	236.14	545.34			
6/17/99 13:30	1022.50	30.19	0.761	113.41	236.14	543.77			
6/17/99 13:45	1022.38	30.19	0.763	113.67	236.61	544.88			
6/17/99 14:00	1022.38	30.19	0.770	113.41	236.14	547.15	546.22		
6/17/99 14:15	1022.25	30.19	0.771	113.41	236.14	547.40			
6/17/99 14:30	1022.25	30.19	0.773	113.15	235.67	547.89			
6/17/99 14:45	1022.25	30.19	0.775	112.89	235.20	548.59			
6/17/99 15:00	1022.25	30.19	0.774	113.67	236.61	548.68	548.77		
6/17/99 15:15	1022.25	30.19	0.774	113.67	236.61	548.68			
6/17/99 15:30	1022.25	30.19	0.778	113.67	236.61	550.03			
6/17/99 15:45	1022.25	30.19	0.774	113.93	237.08	548.87			
6/17/99 16:00	1022.13	30.18	0.770	114.46	238.02	547.96	546.15		
6/17/99 16:15	1022.25	30.19	0.769	113.93	237.08	547.09			
6/17/99 16:30	1022.25	30.19	0.767	114.46	238.02	546.82			
6/17/99 16:45	1022.25	30.19	0.766	114.72	238.49	546.75			
6/17/99 17:00	1022.13	30.18	0.766	114.72	238.49	546.57	546.39		
6/17/99 17:15	1022.25	30.19	0.765	114.72	238.49	546.33			
6/17/99 17:30	1022.13	30.18	0.763	114.72	238.49	545.47			
6/17/99 17:45	1022.13	30.18	0.765	114.72	238.49	546.36			
6/17/99 18:00	1022.25	30.19	0.764	114.72	238.49	545.86	546.66		
6/17/99 18:15	1022.25	30.19	0.771	113.93	237.08	547.77			
6/17/99 18:30	1022.25	30.19	0.772	113.41	236.14	547.86			
6/17/99 18:45	1022.38	30.19	0.773	112.89	235.20	547.88			
6/17/99 19:00	1022.50	30.19	0.774	112.63	234.73	548.12	547.60		
6/17/99 19:15	1022.50	30.19	0.773	112.63	234.73	547.45			
6/17/99 19:30	1022.75	30.20	0.774	112.11	233.79	547.68			
6/17/99 19:45	1022.88	30.21	0.771	112.37	234.26	546.70			
6/17/99 20:00	1022.75	30.20	0.770	112.37	234.26	546.31	546.11		
6/17/99 20:15	1022.88	30.21	0.766	112.63	234.73	544.90			
6/17/99 20:30	1023.00	30.21	0.767	112.11	233.79	544.96			
6/17/99 20:45	1023.25	30.22	0.763	112.11	233.79	543.33			
6/17/99 21:00	1023.25	30.22	0.763	111.84	233.32	543.14	543.55		
6/17/99 21:15	1023.38	30.22	0.765	111.32	232.38	543.63			
6/17/99 21:30	1023.50	30.22	0.763	111.32	232.38	542.71			
6/17/99 21:45	1023.75	30.23	0.765	111.06	231.91	543.35			
6/17/99 22:00	1023.88	30.23	0.768	110.54	230.97	544.04	544.08		
6/17/99 22:15	1024.13	30.24	0.771	110.02	230.03	544.70			
6/17/99 22:30	1024.38	30.25	0.775	109.49	229.09	545.60			
6/17/99 22:45	1024.50	30.25	0.772	108.71	227.68	543.92			
6/17/99 23:00	1024.63	30.26	0.774	108.45	227.21	544.33	543.65		
6/17/99 23:15	1024.63	30.26	0.769	108.19	226.73	542.39			
6/17/99 23:30	1024.50	30.25	0.768	108.19	226.73	542.00			
6/17/99 23:45	1024.63	30.26	0.764	108.45	227.21	540.60			
6/18/99 0:00	1024.75	30.26	0.764	108.19	226.73	540.83	541.00		
6/18/99 0:15	1024.75	30.26	0.764	108.19	226.73	540.83			
6/18/99 0:30	1025.00	30.27	0.764	108.19	226.73	540.52			
6/18/99 0:45	1025.00	30.27	0.763	108.19	226.73	540.10			
6/18/99 1:00	1025.00	30.27	0.764	108.45	227.21	540.71	540.42		
6/18/99 1:15	1025.13	30.27	0.762	108.45	227.21	540.04			
6/18/99 1:30	1025.13	30.27	0.764	108.19	226.73	540.74			
6/18/99 1:45	1025.25	30.28	0.771	107.66	225.79	542.52			
6/18/99 2:00	1025.25	30.28	0.773	107.40	225.32	543.00	542.45		
6/18/99 2:15	1025.38	30.28	0.773	107.14	224.85	542.99			
6/18/99 2:30	1025.38	30.28	0.773	107.14	224.85	542.99			
6/18/99 2:45	1025.50	30.28	0.776	107.14	224.85	544.05			
6/18/99 3:00	1025.63	30.29	0.774	107.14	224.85	543.14	542.73		
6/18/99 3:15	1025.75	30.29	0.769	107.40	225.32	541.53			
6/18/99 3:30	1025.88	30.29	0.770	107.40	225.32	541.96			
6/18/99 3:45	1026.00	30.30	0.768	107.40	225.32	541.25			
6/18/99 4:00	1026.13	30.30	0.764	107.40	225.32	539.92	540.50		
6/18/99 4:15	1026.25	30.31	0.766	107.14	224.85	540.33			
6/18/99 4:30	1026.25	30.31	0.763	106.88	224.38	539.05			
6/18/99 4:45	1026.25	30.31	0.765	106.88	224.38	539.72			
6/18/99 5:00	1026.36	30.31	0.762	106.88	224.38	536.60	539.64		
6/18/99 5:15	1026.36	30.31	0.769	106.62	223.91	540.81			
6/18/99 5:30	1026.63	30.32	0.771	106.10	222.97	541.04			
6/18/99 5:45	1026.88	30.32	0.773	105.83	222.50	541.66			
6/18/99 6:00	1027.00	30.33	0.775	105.83	222.50	542.30	541.74		
6/18/99 6:15	1027.36	30.34	0.775	105.83	222.50	542.20			
6/18/99 6:30	1027.50	30.34	0.773	105.83	222.50	541.50			
6/18/99 6:45	1027.50	30.34	0.772	105.83	222.50	541.08			
6/18/99 7:00	1027.63	30.35	0.768	106.36	223.44	540.08	540.41		
6/18/99 7:15	1027.88	30.35	0.766	106.88	224.38	539.72			
6/18/99 7:30	1027.88	30.35	0.766	107.14	224.85	539.69			
6/18/99 7:45	1028.00	30.36	0.767	107.66	225.79	540.49			
6/18/99 8:00	1028.00	30.36	0.770	108.19	226.73	541.95	540.64		
6/18/99 8:15	1028.13	30.36	0.765	108.45	227.21	540.34			
6/18/99 8:30	1028.13	30.36	0.766	108.71	227.68	540.74			
6/18/99 8:45	1028.38	30.37	0.766	109.49	229.09	541.44			
6/18/99 9:00	1028.50	30.37	0.774	109.49	229.09	544.05	543.34		
6/18/99 9:15	1028.50	30.37	0.775	109.75	229.56	544.69			
6/18/99 9:30	1028.50	30.37	0.778	110.02	230.03	545.76			
6/18/99 9:45	1028.63	30.38	0.779	110.02	230.03	546.39			
6/18/99 10:00	1028.63	30.38	0.779	110.54	230.97	546.76	546.72		
6/18/99 10:15	1028.63	30.38	0.778	110.80	231.44	546.49			
6/18/99 10:30	1028.63	30.38	0.763	111.06	231.91	548.22			
6/18/99 10:45	1028.63	30.38	0.778	111.32	232.38	546.65			
6/18/99 11:00	1028.50	30.37	0.773	112.11	233.79	545.48	546.00		
6/18/99 11:15	1028.50	30.37	0.771	112.11	233.79	544.81			
6/18/99 11:30	1028.38	30.37	0.770	112.37	234.26	544.81			
6/18/99 11:45	1028.13	30.36	0.774	112.63	234.73	546.37			
6/18/99 12:00	1028.13	30.36	0.774	112.63	234.73	546.37	545.99		
6/18/99 12:15	1028.13	30.36	0.771	112.89	235.20	545.67			
6/18/99 12:30	1028.13	30.36	0.773	113.41	236.14	546.72			
6/18/99 12:45	1028.00	30.36	0.772	113.67	236.61	546.51			
6/18/99 13:00	1027.86	30.35	0.776	113.15	235.67	547.69	547.60		
6/18/99 13:15	1027.75	30.35	0.779	113.41	236.14	546.79			
6/18/99 13:30	1027.63	30.35	0.780	113.41	236.14	549.28			
6/18/99 13:45	1027.36	30.34	0.780	113.41	236.14	549.35			
6/18/99 14:00	1027.25	30.33	0.779	113.67	236.61	549.36	549.36		
6/18/99 14:15	1027.13	30.33	0.779	113.67	236.61	549.39			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/16/99 3:00	1021.00	30.15	0.763	107.66	225.79	540.99	541.71		
6/16/99 3:15	1021.00	30.15	0.766	107.40	225.32	541.91			
6/16/99 3:30	1020.88	30.15	0.769	107.14	224.85	542.88			
6/16/99 3:45	1020.88	30.15	0.772	106.88	224.38	543.56			
6/16/99 4:00	1020.88	30.15	0.774	106.62	223.91	544.02	543.52		
6/16/99 4:15	1020.88	30.15	0.773	106.36	223.44	543.63			
6/16/99 4:30	1020.75	30.14	0.773	106.10	222.97	543.47			
6/16/99 4:45	1020.88	30.15	0.774	106.10	222.97	543.90			
6/16/99 5:00	1020.88	30.15	0.771	105.83	222.50	542.58	542.75		
6/16/99 5:15	1020.75	30.14	0.771	106.10	222.97	542.59			
6/16/99 5:30	1020.88	30.15	0.766	106.36	223.44	541.20			
6/16/99 5:45	1020.75	30.14	0.764	106.62	223.91	540.78			
6/16/99 6:00	1021.00	30.15	0.764	106.62	223.91	540.71	540.77		
6/16/99 6:15	1020.88	30.15	0.764	106.88	224.38	540.88			
6/16/99 6:30	1020.88	30.15	0.763	106.88	224.38	540.47			
6/16/99 6:45	1020.75	30.14	0.764	106.88	224.38	540.96			
6/16/99 7:00	1020.75	30.14	0.763	107.14	224.85	540.48	540.41		
6/16/99 7:15	1020.75	30.14	0.761	107.40	225.32	540.20			
6/16/99 7:30	1020.88	30.15	0.761	107.40	225.32	539.96			
6/16/99 7:45	1020.88	30.15	0.763	107.40	225.32	540.83			
6/16/99 8:00	1020.88	30.15	0.763	107.40	225.32	540.84	541.57		
6/16/99 8:15	1020.75	30.14	0.770	107.40	225.32	543.32			
6/16/99 8:30	1020.75	30.14	0.769	107.40	225.32	543.10			
6/16/99 8:45	1020.63	30.14	0.769	107.66	225.79	543.08			
6/16/99 9:00	1020.63	30.14	0.773	108.19	226.73	545.00	544.10		
6/16/99 9:15	1020.63	30.14	0.773	108.19	226.73	544.79			
6/16/99 9:30	1020.50	30.14	0.771	108.45	227.21	544.55			
6/16/99 9:45	1020.50	30.14	0.767	109.23	228.62	543.59			
6/16/99 10:00	1020.50	30.14	0.768	109.49	229.09	543.99	543.52		
6/16/99 10:15	1020.38	30.13	0.763	110.02	230.03	542.83			
6/16/99 10:30	1020.25	30.13	0.763	110.02	230.03	542.65			
6/16/99 10:45	1020.13	30.12	0.763	110.28	230.50	543.08			
6/16/99 11:00	1020.00	30.12	0.764	110.80	231.44	543.95	543.22		
6/16/99 11:15	1020.00	30.12	0.763	110.80	231.44	543.27			
6/16/99 11:30	1020.00	30.12	0.761	111.32	232.38	543.17			
6/16/99 11:45	1020.13	30.12	0.761	111.32	232.38	542.93			
6/16/99 12:00	1020.13	30.12	0.762	111.84	233.32	543.76	543.78		
6/16/99 12:15	1020.13	30.12	0.764	112.11	233.79	544.59			
6/16/99 12:30	1019.75	30.11	0.763	112.11	233.79	544.47			
6/16/99 12:45	1019.75	30.11	0.771	112.11	233.79	547.35			
6/16/99 13:00	1019.75	30.11	0.771	112.11	233.79	547.14	548.06		
6/16/99 13:15	1019.63	30.11	0.773	112.11	233.79	547.85			
6/16/99 13:30	1019.50	30.11	0.790	111.32	232.38	553.49			
6/16/99 13:45	1019.13	30.09	0.798	110.80	231.44	555.84			
6/16/99 14:00	1019.00	30.09	0.773	112.63	234.73	548.60	550.66		
6/16/99 14:15	1018.75	30.08	0.770	112.63	234.73	547.57			
6/16/99 14:30	1018.63	30.08	0.770	112.89	235.20	547.79			
6/16/99 14:45	1018.63	30.08	0.764	113.15	235.67	545.98			
6/16/99 15:00	1018.38	30.07	0.766	113.67	236.61	546.84	546.41		
6/16/99 15:15	1018.25	30.07	0.761	113.93	237.08	545.27			
6/16/99 15:30	1018.25	30.07	0.763	113.93	237.08	546.16			
6/16/99 15:45	1018.13	30.07	0.763	113.93	237.08	545.98			
6/16/99 16:00	1018.00	30.06	0.762	113.93	237.08	545.60	545.70		
6/16/99 16:15	1018.00	30.06	0.760	113.93	237.08	545.12			
6/16/99 16:30	1017.75	30.05	0.761	113.93	237.08	545.40			
6/16/99 16:45	1017.63	30.05	0.759	113.93	237.08	544.76			
6/16/99 17:00	1017.63	30.05	0.761	114.20	237.55	545.84	545.83		
6/16/99 17:15	1017.50	30.05	0.759	114.72	238.49	545.59			
6/16/99 17:30	1017.63	30.05	0.765	114.72	238.49	547.57			
6/16/99 17:45	1017.50	30.05	0.768	114.46	238.02	548.31			
6/16/99 18:00	1017.38	30.04	0.769	114.20	237.55	548.59	548.41		
6/16/99 18:15	1017.25	30.04	0.768	113.93	237.08	548.22			
6/16/99 18:30	1017.13	30.04	0.771	113.93	237.08	549.38			
6/16/99 18:45	1017.13	30.04	0.769	113.67	236.61	548.53			
6/16/99 19:00	1017.13	30.04	0.770	113.41	236.14	548.56	548.67		
6/16/99 19:15	1017.13	30.04	0.772	113.41	236.14	549.24			
6/16/99 19:30	1017.25	30.04	0.768	113.15	235.67	547.67			
6/16/99 19:45	1017.50	30.05	0.765	113.15	235.67	546.49			
6/16/99 20:00	1017.50	30.05	0.764	113.15	235.67	546.03	546.02		
6/16/99 20:15	1017.63	30.05	0.763	112.89	235.20	545.38			
6/16/99 20:30	1017.63	30.05	0.761	112.63	234.73	544.52			
6/16/99 20:45	1017.63	30.05	0.760	112.63	234.73	544.30			
6/16/99 21:00	1017.50	30.05	0.762	112.11	233.79	544.65	544.03		
6/16/99 21:15	1017.75	30.05	0.760	111.84	233.32	543.71			
6/16/99 21:30	1018.00	30.06	0.758	111.84	233.32	542.97			
6/16/99 21:45	1018.25	30.07	0.759	111.32	232.38	543.00			
6/16/99 22:00	1018.63	30.08	0.762	111.06	231.91	543.61	544.11		
6/16/99 22:15	1016.75	30.08	0.768	110.80	231.44	545.38			
6/16/99 22:30	1019.00	30.09	0.769	110.28	230.50	545.62			
6/16/99 22:45	1019.13	30.09	0.766	110.02	230.03	544.72			
6/16/99 23:00	1019.13	30.09	0.768	110.02	230.03	544.94	545.23		
6/16/99 23:15	1019.13	30.09	0.771	109.75	229.56	545.85			
6/16/99 23:30	1019.00	30.09	0.769	109.75	229.56	545.00			
6/16/99 23:45	1019.00	30.09	0.765	110.02	230.03	543.87			
6/17/99 0:00	1019.13	30.09	0.763	110.02	230.03	542.95	543.09		
6/17/99 0:15	1019.13	30.09	0.761	110.02	230.03	542.48			
6/17/99 0:30	1019.13	30.09	0.758	110.02	230.03	541.16			
6/17/99 0:45	1019.13	30.09	0.760	110.02	230.03	542.06			
6/17/99 1:00	1019.13	30.09	0.759	110.02	230.03	541.84	541.56		
6/17/99 1:15	1019.13	30.09	0.759	110.02	230.03	541.59			
6/17/99 1:30	1019.13	30.09	0.758	110.02	230.03	541.16			
6/17/99 1:45	1019.13	30.09	0.759	110.02	230.03	541.84			
6/17/99 2:00	1019.13	30.09	0.763	109.49	229.09	542.79	543.04		
6/17/99 2:15	1019.13	30.09	0.766	109.49	229.09	544.57			
6/17/99 2:30	1019.13	30.09	0.769	109.23	228.62	544.84			
6/17/99 2:45	1019.13	30.09	0.768	108.97	228.15	544.19			
6/17/99 3:00	1019.25	30.10	0.766	109.23	228.62	544.35	544.60		
6/17/99 3:15	1019.25	30.10	0.771	108.97	228.15	545.05			
6/17/99 3:30	1019.25	30.10	0.769	109.23	228.62	544.56			
6/17/99 3:45	1019.38	30.10	0.765	109.49	229.09	543.40			
6/17/99 4:00	1019.50	30.11	0.763	109.49	229.09	542.46	543.06		
6/17/99 4:15	1019.50	30.11	0.761	109.75	229.56	542.20			
6/17/99 4:30	1019.63	30.11	0.763	109.49	229.09	542.66			
6/17/99 4:45	1019.88	30.12	0.760	109.49	229.09	541.49			
6/17/99 5:00	1020.00	30.12	0.761	109.49	229.09	541.88	541.60		
6/17/99 5:15	1020.13	30.12	0.761	109.49	229.09	541.63			
6/17/99 5:30	1020.13	30.12	0.758	109.23	228.62	540.35			
6/17/99 5:45	1020.00	30.12	0.761	109.23	228.62	541.48			
6/17/99 6:00	1020.13	30.12	0.766	108.45	227.21	542.88	542.25		
6/17/99 6:15	1020.38	30.13	0.768	108.19	226.73	543.30			
6/17/99 6:30	1020.63	30.14	0.768	108.19	226.73	543.24			
6/17/99 6:45	1020.88	30.15	0.771	107.92	226.26	544.08			
6/17/99 7:00	1021.13	30.15	0.771	107.92	226.26	543.80	543.24		
6/17/99 7:15	1021.25	30.16	0.766	107.92	226.26	542.67			
6/17/99 7:30	1021.50	30.16	0.767	107.92	226.26	542.39			
6/17/99 7:45	1021.75	30.17	0.765	108.19	226.73	541.84			
6/17/99 8:00	1022.00	30.18	0.764	108.45	227.21	541.50	543.77		
6/17/99 8:15	1022.13	30.18	0.760	108.71	227.68	540.34			
6/17/99 8:30	1022.38	30.19	0.799	108.66	224.38	552.77			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/14/99 21:15	1017.63	30.05	0.710	110.54	230.97	524.87			
6/14/99 21:30	1017.75	30.05	0.711	110.02	230.03	524.50			
6/14/99 21:45	1018.00	30.06	0.714	110.02	230.03	525.83			
6/14/99 22:00	1018.25	30.07	0.709	109.49	229.09	523.31	524.18		
6/14/99 22:15	1018.50	30.08	0.706	109.49	229.09	522.32			
6/14/99 22:30	1018.75	30.08	0.714	108.97	228.15	524.92			
6/14/99 22:45	1019.00	30.09	0.719	108.45	227.21	526.11			
6/14/99 23:00	1019.25	30.10	0.720	108.19	226.73	526.31	525.72		
6/14/99 23:15	1019.38	30.10	0.717	107.92	226.26	524.96			
6/14/99 23:30	1019.38	30.10	0.721	107.92	226.26	526.31			
6/14/99 23:45	1019.50	30.11	0.720	107.66	225.79	525.88			
6/15/99 0:00	1019.63	30.11	0.714	107.14	224.85	523.44	524.61		
6/15/99 0:15	1019.63	30.11	0.716	106.88	224.38	523.96			
6/15/99 0:30	1019.75	30.11	0.715	106.88	224.38	523.45			
6/15/99 0:45	1019.75	30.11	0.720	106.88	224.38	525.28			
6/15/99 1:00	1019.88	30.12	0.719	106.62	223.91	524.84	524.68		
6/15/99 1:15	1020.00	30.12	0.719	106.62	223.91	524.59			
6/15/99 1:30	1020.13	30.12	0.721	106.62	223.91	525.22			
6/15/99 1:45	1020.13	30.12	0.714	106.62	223.91	522.70			
6/15/99 2:00	1020.13	30.12	0.709	106.62	223.91	521.12	522.05		
6/15/99 2:15	1020.13	30.12	0.709	106.36	223.44	520.94			
6/15/99 2:30	1020.13	30.12	0.708	106.10	222.97	520.28			
6/15/99 2:45	1020.13	30.12	0.707	106.10	222.97	519.84			
6/15/99 3:00	1020.25	30.13	0.706	106.10	222.97	519.55	519.88		
6/15/99 3:15	1020.25	30.13	0.707	105.83	222.50	519.83			
6/15/99 3:30	1020.25	30.13	0.708	105.83	222.50	520.07			
6/15/99 3:45	1020.25	30.13	0.706	105.83	222.50	519.15			
6/15/99 4:00	1020.25	30.13	0.704	105.57	222.03	518.28	519.28		
6/15/99 4:15	1020.25	30.13	0.705	105.57	222.03	518.75			
6/15/99 4:30	1020.13	30.12	0.709	105.57	222.03	520.15			
6/15/99 4:45	1020.13	30.12	0.710	105.31	221.56	520.44			
6/15/99 5:00	1020.25	30.13	0.714	105.31	221.56	521.77	520.91		
6/15/99 5:15	1020.25	30.13	0.714	105.31	221.56	521.77			
6/15/99 5:30	1020.50	30.14	0.711	104.79	220.62	520.43			
6/15/99 5:45	1020.50	30.14	0.703	104.79	220.62	517.46			
6/15/99 6:00	1020.63	30.14	0.701	104.79	220.62	516.50	517.31		
6/15/99 6:15	1020.88	30.15	0.699	104.79	220.62	515.74			
6/15/99 6:30	1021.00	30.15	0.701	104.79	220.62	516.41			
6/15/99 6:45	1021.25	30.16	0.701	104.79	220.62	516.34			
6/15/99 7:00	1021.38	30.16	0.705	104.79	220.62	517.93	524.60		
6/15/99 7:15	1021.38	30.16	0.731	104.79	220.62	527.25			
6/15/99 7:30	1021.25	30.16	0.781	104.53	220.15	545.08			
6/15/99 7:45	1021.25	30.16	0.782	105.83	222.50	546.24			
6/15/99 8:00	1021.25	30.16	0.788	106.88	224.38	548.94	546.88		
6/15/99 8:15	1021.50	30.16	0.782	106.88	224.38	546.92			
6/15/99 8:30	1021.75	30.17	0.782	107.40	225.32	547.23			
6/15/99 8:45	1021.75	30.17	0.784	107.66	225.79	548.29			
6/15/99 9:00	1022.00	30.18	0.784	107.92	226.26	548.41	548.37		
6/15/99 9:15	1022.13	30.18	0.786	108.19	226.73	548.99			
6/15/99 9:30	1022.25	30.19	0.786	108.19	226.73	548.95			
6/15/99 9:45	1022.38	30.19	0.785	108.19	226.73	548.71			
6/15/99 10:00	1022.50	30.19	0.784	108.71	227.68	548.84	548.07		
6/15/99 10:15	1022.63	30.20	0.779	108.97	228.15	547.24			
6/15/99 10:30	1022.50	30.19	0.777	109.23	228.62	546.59			
6/15/99 10:45	1022.50	30.19	0.779	109.49	229.09	547.40			
6/15/99 11:00	1022.63	30.20	0.778	109.75	229.56	547.14	547.15		
6/15/99 11:15	1022.63	30.20	0.780	110.02	230.03	548.20			
6/15/99 11:30	1022.63	30.20	0.774	110.28	230.50	546.42			
6/15/99 11:45	1022.63	30.20	0.778	110.54	230.97	547.91			
6/15/99 12:00	1022.63	30.20	0.776	110.80	231.44	547.21	547.28		
6/15/99 12:15	1022.50	30.19	0.776	110.80	231.44	547.46			
6/15/99 12:30	1022.50	30.19	0.778	111.06	231.91	547.43			
6/15/99 12:45	1022.25	30.19	0.773	111.32	232.38	546.60			
6/15/99 13:00	1022.13	30.18	0.775	111.06	231.91	547.32	547.51		
6/15/99 13:15	1022.00	30.18	0.778	111.06	231.91	548.24			
6/15/99 13:30	1021.88	30.18	0.775	111.58	232.85	547.76			
6/15/99 13:45	1021.75	30.17	0.775	111.58	232.85	547.79			
6/15/99 14:00	1021.75	30.17	0.774	112.11	233.79	547.95	548.06		
6/15/99 14:15	1021.50	30.16	0.776	112.63	234.73	548.82			
6/15/99 14:30	1021.38	30.16	0.773	112.63	234.73	547.96			
6/15/99 14:45	1021.38	30.16	0.773	112.63	234.73	547.75			
6/15/99 15:00	1021.38	30.16	0.772	112.89	235.20	547.72	548.16		
6/15/99 15:15	1021.25	30.16	0.775	113.15	235.67	549.04			
6/15/99 15:30	1021.25	30.16	0.773	113.41	236.14	548.34			
6/15/99 15:45	1021.00	30.15	0.776	113.15	235.67	549.53			
6/15/99 16:00	1021.00	30.15	0.780	112.63	234.73	550.50	550.16		
6/15/99 16:15	1020.88	30.15	0.783	112.63	234.73	551.42			
6/15/99 16:30	1020.88	30.15	0.781	112.63	234.73	551.00			
6/15/99 16:45	1020.75	30.14	0.781	112.63	234.73	551.03			
6/15/99 17:00	1020.75	30.14	0.782	112.63	234.73	551.24	551.21		
6/15/99 17:15	1020.63	30.14	0.783	112.63	234.73	551.70			
6/15/99 17:30	1020.50	30.14	0.781	112.63	234.73	551.10			
6/15/99 17:45	1020.25	30.13	0.780	112.63	234.73	550.71			
6/15/99 18:00	1020.25	30.13	0.783	112.63	234.73	551.59	550.83		
6/15/99 18:15	1020.25	30.13	0.780	112.63	234.73	550.71			
6/15/99 18:30	1020.13	30.12	0.778	112.63	234.73	550.07			
6/15/99 18:45	1020.13	30.12	0.773	112.63	234.73	548.09			
6/15/99 19:00	1020.25	30.13	0.773	112.37	234.26	548.08	548.35		
6/15/99 19:15	1020.25	30.13	0.773	112.37	234.26	548.08			
6/15/99 19:30	1020.38	30.13	0.772	112.11	233.79	547.44			
6/15/99 19:45	1020.50	30.14	0.772	111.84	233.32	547.22			
6/15/99 20:00	1020.63	30.14	0.771	111.84	233.32	546.72	546.72		
6/15/99 20:15	1020.50	30.14	0.770	111.58	232.85	546.36			
6/15/99 20:30	1020.75	30.14	0.769	111.32	232.38	545.89			
6/15/99 20:45	1020.75	30.14	0.771	111.32	232.38	546.32			
6/15/99 21:00	1020.75	30.14	0.768	111.06	231.91	545.25	545.55		
6/15/99 21:15	1020.75	30.14	0.768	110.80	231.44	544.85			
6/15/99 21:30	1021.00	30.15	0.769	110.80	231.44	545.45			
6/15/99 21:45	1021.13	30.15	0.768	110.80	231.44	544.96			
6/15/99 22:00	1021.25	30.16	0.769	110.80	231.44	545.39	545.81		
6/15/99 22:15	1021.38	30.16	0.773	110.28	230.50	546.08			
6/15/99 22:30	1021.63	30.17	0.777	109.75	229.56	547.19			
6/15/99 22:45	1021.88	30.18	0.778	109.49	229.09	547.15			
6/15/99 23:00	1021.88	30.18	0.778	109.23	228.62	546.96	547.12		
6/15/99 23:15	1021.88	30.18	0.779	108.97	228.15	547.44			
6/15/99 23:30	1021.75	30.17	0.778	108.71	227.68	546.83			
6/15/99 23:45	1021.75	30.17	0.779	108.45	227.21	546.86			
6/16/99 0:00	1021.75	30.17	0.776	108.19	226.73	545.79	545.69		
6/16/99 0:15	1021.63	30.17	0.773	108.45	227.21	544.92			
6/16/99 0:30	1021.63	30.17	0.771	108.45	227.21	544.04			
6/16/99 0:45	1021.50	30.16	0.769	108.45	227.21	543.40			
6/16/99 1:00	1021.50	30.16	0.766	108.19	226.73	543.00	543.33		
6/16/99 1:15	1021.50	30.16	0.768	108.19	226.73	543.00			
6/16/99 1:30	1021.50	30.16	0.769	108.19	226.73	543.22			
6/16/99 1:45	1021.50	30.16	0.768	108.19	226.73	542.79			
6/16/99 2:00	1021.50	30.16	0.765	108.19	226.73	541.91	542.36		
6/16/99 2:15	1021.25	30.16	0.766	107.92	226.26	542.21			
6/16/99 2:30	1021.25	30.16	0.765	107.92	226.26	541.79			
6/16/99 2:45	1021.13	30.15	0.763	107.66	225.79	540.96			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/13/99 15:30	1015.50	29.99	0.774	116.02	240.84	552.42			
6/13/99 15:45	1015.38	29.98	0.774	116.29	241.32	552.84			
6/13/99 16:00	1015.25	29.98	0.776	116.29	241.32	553.10	552.42		
6/13/99 16:15	1015.25	29.98	0.773	116.29	241.32	552.21			
6/13/99 16:30	1015.75	30.00	0.773	115.76	240.37	551.71			
6/13/99 16:45	1016.38	30.01	0.774	113.15	235.67	550.14			
6/13/99 17:00	1015.63	29.99	0.755	111.32	232.38	542.12	545.32		
6/13/99 17:15	1015.25	29.98	0.749	111.58	232.85	540.39			
6/13/99 17:30	1015.25	29.98	0.755	111.32	232.38	542.22			
6/13/99 17:45	1015.25	29.98	0.764	111.32	232.38	545.59			
6/13/99 18:00	1015.00	29.97	0.761	111.32	232.38	544.30	544.22		
6/13/99 18:15	1014.88	29.97	0.759	112.11	233.79	544.45			
6/13/99 18:30	1014.63	29.96	0.759	112.11	233.79	544.52			
6/13/99 18:45	1014.75	29.97	0.761	111.84	233.32	544.95			
6/13/99 19:00	1014.88	29.97	0.764	111.06	231.91	545.50	545.62		
6/13/99 19:15	1015.38	29.98	0.768	111.32	232.38	546.87			
6/13/99 19:30	1016.25	30.01	0.768	111.06	231.91	546.24			
6/13/99 19:45	1018.50	30.02	0.767	110.28	230.50	545.40			
6/13/99 20:00	1016.38	30.01	0.775	109.49	229.09	547.75	546.60		
6/13/99 20:15	1016.13	30.01	0.774	109.23	228.62	547.41			
6/13/99 20:30	1016.38	30.01	0.775	108.71	227.68	547.18			
6/13/99 20:45	1016.13	30.01	0.769	108.71	227.68	545.02			
6/13/99 21:00	1015.88	30.00	0.764	109.23	228.62	543.94	543.19		
6/13/99 21:15	1015.75	30.00	0.754	109.75	229.56	540.52			
6/13/99 21:30	1015.63	29.99	0.749	110.54	230.97	539.30			
6/13/99 21:45	1015.50	29.99	0.746	110.54	230.97	538.22			
6/13/99 22:00	1015.63	29.99	0.754	110.02	230.03	540.99	540.67		
6/13/99 22:15	1015.63	29.99	0.758	109.75	229.56	541.91			
6/13/99 22:30	1015.88	30.00	0.761	109.75	229.56	542.95			
6/13/99 22:45	1015.68	30.00	0.757	110.02	230.03	541.81			
6/13/99 23:00	1016.50	30.02	0.754	110.02	230.03	540.75	542.23		
6/13/99 23:15	1016.38	30.01	0.759	110.28	230.50	542.76			
6/13/99 23:30	1016.13	30.01	0.760	110.02	230.03	542.86			
6/13/99 23:45	1015.75	30.00	0.767	109.75	229.56	545.23			
6/14/99 0:00	1015.63	29.99	0.768	109.49	229.09	545.50	544.74		
6/14/99 0:15	1015.63	29.99	0.769	109.49	229.09	545.72			
6/14/99 0:30	1015.63	29.99	0.765	109.49	229.09	544.40			
6/14/99 0:45	1015.38	29.98	0.764	109.75	229.56	544.19			
6/14/99 1:00	1015.25	29.98	0.764	109.49	229.09	544.29	544.03		
6/14/99 1:15	1014.88	29.97	0.763	109.49	229.09	543.71			
6/14/99 1:30	1014.63	29.96	0.762	109.49	229.09	543.56			
6/14/99 1:45	1014.50	29.96	0.761	109.49	229.09	543.35			
6/14/99 2:00	1014.50	29.96	0.764	109.75	229.56	544.43	543.77		
6/14/99 2:15	1014.63	29.96	0.764	109.49	229.09	544.21			
6/14/99 2:30	1014.50	29.96	0.761	109.75	229.56	543.32			
6/14/99 2:45	1014.50	29.96	0.767	109.49	229.09	545.38			
6/14/99 3:00	1014.38	29.95	0.771	109.23	228.62	546.75	546.11		
6/14/99 3:15	1014.25	29.95	0.773	108.71	227.68	547.09			
6/14/99 3:30	1014.00	29.94	0.776	108.71	227.68	548.04			
6/14/99 3:45	1013.88	29.94	0.778	108.71	227.68	548.74			
6/14/99 4:00	1013.75	29.94	0.775	108.71	227.68	547.89	548.02		
6/14/99 4:15	1013.75	29.94	0.775	108.71	227.68	547.89			
6/14/99 4:30	1013.50	29.93	0.774	108.45	227.21	547.56			
6/14/99 4:45	1013.38	29.92	0.774	108.71	227.68	547.78			
6/14/99 5:00	1013.38	29.92	0.776	108.45	227.21	548.02	547.83		
6/14/99 5:15	1013.00	29.91	0.776	108.45	227.21	548.12			
6/14/99 5:30	1012.88	29.91	0.774	108.71	227.68	547.67			
6/14/99 5:45	1012.88	29.91	0.771	108.71	227.68	546.78			
6/14/99 6:00	1013.00	29.91	0.770	108.71	227.68	546.32	545.87		
6/14/99 6:15	1013.13	29.92	0.768	108.71	227.68	545.62			
6/14/99 6:30	1013.50	29.93	0.759	109.49	229.09	542.97			
6/14/99 6:45	1013.50	29.93	0.738	110.54	230.97	535.82			
6/14/99 7:00	1013.38	29.92	0.690	113.93	237.08	520.59	523.43		
6/14/99 7:15	1013.13	29.92	0.658	116.81	242.26	510.13			
6/14/99 7:30	1013.13	29.92	0.649	117.85	244.14	507.66			
6/14/99 7:45	1013.13	29.92	0.656	117.59	243.67	509.91			
6/14/99 8:00	1013.25	29.92	0.663	117.07	242.73	512.21	512.36		
6/14/99 8:15	1013.38	29.92	0.670	116.29	241.32	514.55			
6/14/99 8:30	1013.50	29.93	0.679	115.76	240.37	517.50			
6/14/99 8:45	1013.50	29.93	0.685	115.24	239.43	519.55			
6/14/99 9:00	1013.88	29.94	0.693	114.46	238.02	521.76	522.07		
6/14/99 9:15	1014.00	29.94	0.703	113.67	238.61	524.95			
6/14/99 9:30	1014.25	29.95	0.706	113.15	235.67	526.62			
6/14/99 9:45	1014.50	29.96	0.716	112.37	234.26	529.06			
6/14/99 10:00	1014.63	29.96	0.719	112.11	233.79	529.77	533.57		
6/14/99 10:15	1014.75	29.97	0.727	111.32	232.38	532.17			
6/14/99 10:30	1014.88	29.97	0.783	108.71	227.68	550.23			
6/14/99 10:45	1015.00	29.97	0.739	110.54	230.97	535.86			
6/14/99 11:00	1015.25	29.98	0.741	110.80	231.44	536.88	540.27		
6/14/99 11:15	1015.38	29.98	0.748	110.28	230.50	538.76			
6/14/99 11:30	1015.63	29.99	0.751	110.02	230.03	539.62			
6/14/99 11:45	1015.63	29.99	0.752	110.28	230.50	540.27			
6/14/99 12:00	1015.75	30.00	0.751	110.54	230.97	540.17	541.16		
6/14/99 12:15	1015.75	30.00	0.756	110.80	231.44	541.94			
6/14/99 12:30	1015.88	30.00	0.761	110.80	231.44	543.91			
6/14/99 12:45	1015.88	30.00	0.763	110.80	231.44	544.58			
6/14/99 13:00	1016.00	30.00	0.771	110.54	230.97	547.03	545.41		
6/14/99 13:15	1016.00	30.00	0.766	110.80	231.44	546.33			
6/14/99 13:30	1016.00	30.00	0.764	111.06	231.91	545.20			
6/14/99 13:45	1016.00	30.00	0.762	110.28	230.50	543.75			
6/14/99 14:00	1016.00	30.00	0.767	110.80	231.44	545.91	545.40		
6/14/99 14:15	1016.00	30.00	0.764	111.84	233.32	545.76			
6/14/99 14:30	1016.00	30.00	0.766	112.11	233.79	546.37			
6/14/99 14:45	1016.13	30.01	0.769	112.63	234.73	547.61			
6/14/99 15:00	1016.13	30.01	0.768	112.63	234.73	547.36	546.04		
6/14/99 15:15	1016.25	30.01	0.773	112.11	233.79	548.76			
6/14/99 15:30	1016.25	30.01	0.776	111.84	233.32	549.88			
6/14/99 15:45	1016.25	30.01	0.779	112.11	233.79	550.96			
6/14/99 16:00	1016.25	30.01	0.781	112.11	233.79	551.63	551.20		
6/14/99 16:15	1016.25	30.01	0.779	112.11	233.79	551.20			
6/14/99 16:30	1016.13	30.01	0.783	112.11	233.79	552.33			
6/14/99 16:45	1016.38	30.01	0.780	112.11	233.79	551.36			
6/14/99 17:00	1016.38	30.01	0.783	111.84	233.32	552.08	551.39		
6/14/99 17:15	1016.13	30.01	0.779	111.84	233.32	551.05			
6/14/99 17:30	1016.00	30.00	0.775	112.63	234.73	550.09			
6/14/99 17:45	1016.25	30.01	0.778	112.89	235.20	551.09			
6/14/99 18:00	1016.25	30.01	0.776	113.15	235.67	550.60	550.22		
6/14/99 18:15	1016.13	30.01	0.773	112.89	235.20	549.56			
6/14/99 18:30	1016.13	30.01	0.773	113.15	235.67	549.75			
6/14/99 18:45	1016.00	30.00	0.773	112.37	234.26	549.23			
6/14/99 19:00	1016.13	30.01	0.773	112.63	234.73	549.16	549.28		
6/14/99 19:15	1016.25	30.01	0.773	112.37	234.26	548.94			
6/14/99 19:30	1016.50	30.02	0.774	112.37	234.26	549.30			
6/14/99 19:45	1016.75	30.02	0.773	112.11	233.79	548.84			
6/14/99 20:00	1016.88	30.03	0.774	112.11	233.79	549.02	548.67		
6/14/99 20:15	1017.00	30.03	0.773	111.32	232.38	548.00			
6/14/99 20:30	1017.13	30.04	0.773	111.32	232.38	548.18			
6/14/99 20:45	1017.25	30.04	0.773	111.06	231.91	547.96			
6/14/99 21:00	1017.38	30.04	0.755	110.80	231.44	541.29	537.32		

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/12/99 9:45	1021.75	30.17	0.797	111.32	232.38	555.29			
6/12/99 10:00	1021.50	30.16	0.794	111.58	232.85	554.67	555.21		
6/12/99 10:15	1021.50	30.16	0.796	112.11	233.79	555.47			
6/12/99 10:30	1021.50	30.16	0.796	112.37	234.26	555.66			
6/12/99 10:45	1021.50	30.16	0.796	112.63	234.73	555.85			
6/12/99 11:00	1021.50	30.16	0.798	113.15	235.67	556.89	556.65		
6/12/99 11:15	1021.38	30.16	0.797	113.41	236.14	556.90			
6/12/99 11:30	1021.25	30.16	0.799	113.93	237.08	557.94			
6/12/99 11:45	1021.38	30.16	0.796	114.20	237.55	557.22			
6/12/99 12:00	1021.25	30.16	0.797	114.72	238.49	557.87	557.56		
6/12/99 12:15	1021.13	30.15	0.796	114.72	238.49	557.45			
6/12/99 12:30	1020.88	30.15	0.795	114.72	238.49	557.31			
6/12/99 12:45	1020.75	30.14	0.797	114.72	238.49	558.01			
6/12/99 13:00	1020.50	30.14	0.795	114.72	238.49	557.41	557.55		
6/12/99 13:15	1020.13	30.12	0.795	114.72	238.49	557.51			
6/12/99 13:30	1020.00	30.12	0.794	114.98	238.96	557.53			
6/12/99 13:45	1019.88	30.12	0.794	115.50	239.90	557.94			
6/12/99 14:00	1019.75	30.11	0.794	115.24	239.43	557.78	557.82		
6/12/99 14:15	1019.75	30.11	0.795	115.24	239.43	557.99			
6/12/99 14:30	1020.13	30.12	0.795	115.24	239.43	557.89			
6/12/99 14:45	1021.38	30.16	0.795	113.41	236.14	556.23			
6/12/99 15:00	1022.13	30.18	0.794	111.84	233.32	554.45	554.49		
6/12/99 15:15	1022.38	30.19	0.791	110.02	230.03	552.19			
6/12/99 15:30	1021.38	30.16	0.791	109.23	228.62	551.89			
6/12/99 15:45	1020.75	30.14	0.789	108.45	227.21	550.83			
6/12/99 18:00	1020.50	30.14	0.787	108.45	227.21	550.07	550.51		
6/12/99 18:15	1020.25	30.13	0.788	108.19	226.73	550.36			
6/12/99 18:30	1019.88	30.12	0.788	108.19	226.73	549.80			
6/12/99 18:45	1019.88	30.12	0.787	108.45	227.21	550.23			
6/12/99 17:00	1020.00	30.12	0.784	108.45	227.21	549.33	549.92		
6/12/99 17:15	1019.88	30.12	0.788	108.19	226.73	549.80			
6/12/99 17:30	1019.88	30.12	0.788	108.45	227.21	550.44			
6/12/99 17:45	1019.88	30.12	0.787	108.19	226.73	550.05			
6/12/99 18:00	1019.88	30.12	0.789	108.19	226.73	550.67	550.11		
6/12/99 18:15	1020.00	30.12	0.785	108.19	226.73	549.35			
6/12/99 18:30	1019.75	30.11	0.788	108.45	227.21	550.02			
6/12/99 18:45	1019.38	30.10	0.787	108.45	227.21	550.37			
6/12/99 19:00	1018.88	30.09	0.788	108.45	227.21	550.05	549.94		
6/12/99 19:15	1018.50	30.08	0.788	108.45	227.21	550.38			
6/12/99 19:30	1018.25	30.07	0.782	108.45	227.21	548.92			
6/12/99 19:45	1018.38	30.07	0.783	108.71	227.68	549.50			
6/12/99 20:00	1018.68	30.09	0.783	108.71	227.68	549.38	549.23		
6/12/99 20:15	1019.00	30.09	0.784	108.71	227.68	549.54			
6/12/99 20:30	1019.25	30.10	0.782	108.71	227.68	548.84			
6/12/99 20:45	1019.63	30.11	0.785	109.23	228.62	550.20			
6/12/99 21:00	1019.63	30.11	0.787	108.97	228.15	550.68	549.81		
6/12/99 21:15	1019.50	30.11	0.784	108.97	228.15	549.84			
6/12/99 21:30	1019.88	30.12	0.784	108.97	228.15	549.49			
6/12/99 21:45	1019.88	30.12	0.785	109.23	228.62	550.13			
6/12/99 22:00	1020.00	30.12	0.782	108.97	228.15	548.83	549.32		
6/12/99 22:15	1020.25	30.13	0.784	108.71	227.68	549.20			
6/12/99 22:30	1020.38	30.13	0.783	108.71	227.68	548.96			
6/12/99 22:45	1020.50	30.14	0.784	108.45	227.21	549.19			
6/12/99 23:00	1020.50	30.14	0.782	108.45	227.21	548.32	548.77		
6/12/99 23:15	1020.63	30.14	0.783	108.71	227.68	548.88			
6/12/99 23:30	1020.63	30.14	0.783	108.45	227.21	548.70			
6/12/99 23:45	1020.63	30.14	0.781	108.45	227.21	548.07			
6/13/99 0:00	1020.38	30.13	0.782	108.45	227.21	548.35	548.55		
6/13/99 0:15	1020.38	30.13	0.784	108.45	227.21	549.23			
6/13/99 0:30	1020.25	30.13	0.782	108.45	227.21	548.38			
6/13/99 0:45	1020.25	30.13	0.783	108.45	227.21	548.59			
6/13/99 1:00	1020.38	30.13	0.784	108.45	227.21	549.23	548.62		
6/13/99 1:15	1020.13	30.12	0.781	108.19	226.73	548.02			
6/13/99 1:30	1020.00	30.12	0.783	108.45	227.21	548.87			
6/13/99 1:45	1019.75	30.11	0.781	108.45	227.21	548.31			
6/13/99 2:00	1019.63	30.11	0.783	108.45	227.21	548.76	548.55		
6/13/99 2:15	1019.38	30.10	0.783	108.71	227.68	549.02			
6/13/99 2:30	1019.13	30.09	0.779	108.45	227.21	547.81			
6/13/99 2:45	1018.88	30.09	0.778	108.19	226.73	547.23			
6/13/99 3:00	1018.63	30.08	0.779	108.19	226.73	547.75	547.43		
6/13/99 3:15	1018.63	30.08	0.776	108.45	227.21	546.82			
6/13/99 3:30	1018.50	30.08	0.778	108.45	227.21	547.52			
6/13/99 3:45	1018.50	30.08	0.777	108.19	226.73	546.91			
6/13/99 4:00	1018.38	30.07	0.780	108.19	226.73	548.03	547.53		
6/13/99 4:15	1018.25	30.07	0.778	108.45	227.21	547.59			
6/13/99 4:30	1018.25	30.07	0.778	108.45	227.21	547.59			
6/13/99 4:45	1018.00	30.06	0.778	108.19	226.73	547.47			
6/13/99 5:00	1018.00	30.06	0.778	108.19	226.73	546.80	547.40		
6/13/99 5:15	1018.00	30.06	0.779	108.19	226.73	547.92			
6/13/99 5:30	1018.00	30.06	0.778	108.19	226.73	547.25			
6/13/99 5:45	1018.25	30.07	0.776	108.19	226.73	546.73			
6/13/99 6:00	1018.38	30.07	0.776	108.45	227.21	546.67	547.04		
6/13/99 6:15	1018.38	30.07	0.779	108.19	226.73	547.58			
6/13/99 6:30	1018.25	30.07	0.777	108.19	226.73	546.98			
6/13/99 6:45	1018.13	30.07	0.776	108.19	226.73	546.55			
6/13/99 7:00	1018.25	30.07	0.775	108.45	227.21	546.49	546.77		
6/13/99 7:15	1018.25	30.07	0.774	108.45	227.21	546.28			
6/13/99 7:30	1018.38	30.07	0.778	108.71	227.68	547.53			
6/13/99 7:45	1018.25	30.07	0.778	108.71	227.68	547.77			
6/13/99 8:00	1018.25	30.07	0.776	109.23	228.62	547.48	547.83		
6/13/99 8:15	1018.25	30.07	0.778	109.49	229.09	548.12			
6/13/99 8:30	1018.50	30.08	0.778	109.75	229.56	548.24			
6/13/99 8:45	1018.63	30.08	0.777	110.02	230.03	548.18			
6/13/99 9:00	1018.63	30.08	0.778	110.54	230.97	548.98	548.88		
6/13/99 9:15	1018.88	30.09	0.778	110.80	231.44	548.89			
6/13/99 9:30	1018.75	30.08	0.778	111.06	231.91	549.11			
6/13/99 9:45	1018.63	30.08	0.779	111.32	232.38	549.75			
6/13/99 10:00	1018.50	30.08	0.778	111.84	233.32	549.74	549.57		
6/13/99 10:15	1018.50	30.08	0.776	111.84	233.32	549.06			
6/13/99 10:30	1018.38	30.07	0.778	112.11	233.79	550.17			
6/13/99 10:45	1018.25	30.07	0.779	112.11	233.79	550.66			
6/13/99 11:00	1018.50	30.08	0.779	112.63	234.73	550.97	550.84		
6/13/99 11:15	1018.25	30.07	0.778	112.89	235.20	550.78			
6/13/99 11:30	1018.13	30.07	0.779	113.41	236.14	551.63			
6/13/99 11:45	1018.13	30.07	0.779	113.67	236.61	551.57			
6/13/99 12:00	1018.13	30.07	0.777	114.20	237.55	551.30	551.63		
6/13/99 12:15	1018.00	30.06	0.779	114.48	238.02	552.18			
6/13/99 12:30	1017.88	30.06	0.776	114.72	238.49	551.49			
6/13/99 12:45	1017.88	30.06	0.778	114.98	238.96	552.35			
6/13/99 13:00	1017.88	30.06	0.776	114.98	238.96	551.88	552.19		
6/13/99 13:15	1017.75	30.05	0.779	115.24	239.43	552.78			
6/13/99 13:30	1017.50	30.05	0.778	115.24	239.43	552.64			
6/13/99 13:45	1017.25	30.04	0.779	115.50	239.90	553.11			
6/13/99 14:00	1017.00	30.03	0.775	115.76	240.37	552.04	552.58		
6/13/99 14:15	1017.00	30.03	0.777	115.76	240.37	552.72			
6/13/99 14:30	1016.88	30.03	0.777	115.24	239.43	552.38			
6/13/99 14:45	1016.63	30.02	0.777	116.02	240.84	553.01			
6/13/99 15:00	1016.25	30.01	0.778	116.02	240.84	553.32	552.87		
6/13/99 15:15	1015.88	30.00	0.777	116.02	240.84	553.21			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/11/99 4:00	1019.38	30.10	0.805	106.88	224.38	555.52	554.75		
6/11/99 4:15	1019.38	30.10	0.802	106.88	224.38	554.45			
6/11/99 4:30	1019.25	30.10	0.804	106.88	224.38	555.35			
6/11/99 4:45	1019.25	30.10	0.803	106.88	224.38	554.89			
6/11/99 5:00	1019.25	30.10	0.801	106.82	223.91	554.05	554.82		
6/11/99 5:15	1019.38	30.10	0.803	106.88	224.38	554.88			
6/11/99 5:30	1019.25	30.10	0.804	106.88	224.38	555.35			
6/11/99 5:45	1019.38	30.10	0.803	106.88	224.38	554.88			
6/11/99 6:00	1019.50	30.11	0.803	106.88	224.38	554.82	554.35		
6/11/99 6:15	1019.75	30.11	0.800	106.88	224.38	553.89			
6/11/99 6:30	1019.88	30.12	0.799	106.88	224.38	553.45			
6/11/99 6:45	1020.13	30.12	0.804	106.88	224.38	554.87			
6/11/99 7:00	1020.38	30.13	0.805	106.88	224.38	555.25	554.48		
6/11/99 7:15	1020.50	30.14	0.803	106.88	224.38	554.56			
6/11/99 7:30	1020.63	30.14	0.802	107.14	224.85	554.30			
6/11/99 7:45	1020.63	30.14	0.804	107.40	225.32	555.11			
6/11/99 8:00	1020.88	30.15	0.803	107.92	226.26	555.01	554.89		
6/11/99 8:15	1021.00	30.15	0.801	108.19	226.73	554.72			
6/11/99 8:30	1021.13	30.15	0.803	108.45	227.21	555.32			
6/11/99 8:45	1021.13	30.15	0.805	108.71	227.68	556.38			
6/11/99 9:00	1021.25	30.16	0.805	109.23	228.62	556.72	556.40		
6/11/99 9:15	1021.25	30.16	0.805	109.49	229.09	556.91			
6/11/99 9:30	1021.13	30.15	0.804	109.75	229.56	556.69			
6/11/99 9:45	1020.88	30.15	0.803	109.75	229.56	556.55			
6/11/99 10:00	1020.88	30.15	0.804	110.54	230.97	557.32	557.16		
6/11/99 10:15	1020.75	30.14	0.804	111.06	231.91	557.74			
6/11/99 10:30	1020.75	30.14	0.803	111.32	232.38	557.51			
6/11/99 10:45	1020.75	30.14	0.809	111.58	232.85	560.09			
6/11/99 11:00	1020.75	30.14	0.805	111.84	233.32	558.76	558.98		
6/11/99 11:15	1020.75	30.14	0.807	112.11	233.79	559.61			
6/11/99 11:30	1020.75	30.14	0.804	112.37	234.26	558.93			
6/11/99 11:45	1020.75	30.14	0.804	112.63	234.73	559.12			
6/11/99 12:00	1020.63	30.14	0.806	112.63	234.73	559.78	559.57		
6/11/99 12:15	1020.63	30.14	0.805	113.15	235.67	559.74			
6/11/99 12:30	1020.75	30.14	0.806	113.41	236.14	560.31			
6/11/99 12:45	1020.63	30.14	0.803	113.67	236.61	559.46			
6/11/99 13:00	1020.63	30.14	0.807	113.93	237.08	560.97	560.42		
6/11/99 13:15	1020.38	30.13	0.806	113.93	237.08	560.79			
6/11/99 13:30	1020.38	30.13	0.806	113.93	237.08	560.58			
6/11/99 13:45	1020.25	30.13	0.808	114.20	237.55	561.68			
6/11/99 14:00	1020.13	30.12	0.803	114.46	238.02	560.16	561.26		
6/11/99 14:15	1020.00	30.12	0.809	114.72	238.49	562.33			
6/11/99 14:30	1019.88	30.12	0.807	114.46	238.02	561.55			
6/11/99 14:45	1019.75	30.11	0.806	114.72	238.49	561.32			
6/11/99 15:00	1019.63	30.11	0.806	114.72	238.49	561.57	561.58		
6/11/99 15:15	1019.63	30.11	0.806	115.24	239.43	561.73			
6/11/99 15:30	1019.63	30.11	0.806	115.24	239.43	561.73			
6/11/99 15:45	1019.50	30.11	0.804	115.50	239.90	561.29			
6/11/99 16:00	1019.38	30.10	0.804	115.50	239.90	561.57	561.39		
6/11/99 16:15	1019.25	30.10	0.803	115.50	239.90	560.94			
6/11/99 16:30	1019.25	30.10	0.804	115.24	239.43	561.42			
6/11/99 16:45	1019.13	30.09	0.803	114.98	238.96	560.81			
6/11/99 17:00	1019.00	30.09	0.803	114.72	238.49	560.45	560.94		
6/11/99 17:15	1018.88	30.09	0.803	114.98	238.96	560.88			
6/11/99 17:30	1018.83	30.08	0.804	114.98	238.96	561.16			
6/11/99 17:45	1018.38	30.07	0.804	114.98	238.96	561.23			
6/11/99 18:00	1017.88	30.06	0.801	114.72	238.49	560.30	560.70		
6/11/99 18:15	1017.88	30.06	0.801	114.98	238.96	560.49			
6/11/99 18:30	1017.75	30.05	0.801	114.98	238.96	560.32			
6/11/99 18:45	1017.88	30.06	0.801	114.98	238.96	560.49			
6/11/99 19:00	1018.13	30.07	0.801	114.72	238.49	560.23	560.06		
6/11/99 19:15	1018.13	30.07	0.803	114.20	237.55	560.52			
6/11/99 19:30	1018.38	30.07	0.799	113.93	237.08	558.73			
6/11/99 19:45	1018.63	30.08	0.803	113.67	236.61	559.79			
6/11/99 20:00	1018.88	30.09	0.803	113.15	235.67	559.56	558.84		
6/11/99 20:15	1018.88	30.09	0.800	112.63	234.73	558.10			
6/11/99 20:30	1019.25	30.10	0.801	112.37	234.26	558.02			
6/11/99 20:45	1019.38	30.10	0.801	112.11	233.79	558.00			
6/11/99 21:00	1019.50	30.11	0.798	112.11	233.79	556.89	557.36		
6/11/99 21:15	1019.50	30.11	0.801	111.84	233.32	557.78			
6/11/99 21:30	1019.50	30.11	0.798	111.32	232.38	556.11			
6/11/99 21:45	1019.63	30.11	0.801	111.06	231.91	557.18			
6/11/99 22:00	1019.88	30.12	0.799	110.80	231.44	556.29	556.40		
6/11/99 22:15	1020.13	30.12	0.799	110.80	231.44	556.22			
6/11/99 22:30	1020.38	30.13	0.800	110.54	230.97	556.18			
6/11/99 22:45	1020.25	30.13	0.801	110.28	230.50	556.23			
6/11/99 23:00	1020.50	30.14	0.801	110.28	230.50	556.37	555.80		
6/11/99 23:15	1020.88	30.15	0.799	110.54	230.97	555.83			
6/11/99 23:30	1020.83	30.14	0.796	110.28	230.50	554.39			
6/11/99 23:45	1020.50	30.14	0.798	109.75	229.56	554.91			
6/12/99 0:00	1020.38	30.13	0.799	109.75	229.56	555.16	554.85		
6/12/99 0:15	1020.25	30.13	0.798	109.75	229.56	554.98			
6/12/99 0:30	1020.25	30.13	0.798	109.49	229.09	554.79			
6/12/99 0:45	1020.13	30.12	0.798	109.23	228.62	554.43			
6/12/99 1:00	1020.13	30.12	0.797	109.23	228.62	554.22	554.34		
6/12/99 1:15	1020.13	30.12	0.796	109.23	228.62	553.98			
6/12/99 1:30	1020.00	30.12	0.798	108.97	228.15	554.27			
6/12/99 1:45	1019.88	30.12	0.795	108.71	227.68	553.25			
6/12/99 2:00	1019.88	30.12	0.795	108.71	227.68	553.25	553.54		
6/12/99 2:15	1019.88	30.12	0.796	108.71	227.68	553.46			
6/12/99 2:30	1019.88	30.12	0.796	108.71	227.68	553.46			
6/12/99 2:45	1019.88	30.12	0.794	108.45	227.21	552.85			
6/12/99 3:00	1019.88	30.12	0.797	108.45	227.21	553.72	553.23		
6/12/99 3:15	1019.88	30.12	0.798	108.45	227.21	553.93			
6/12/99 3:30	1019.88	30.12	0.793	108.45	227.21	552.19			
6/12/99 3:45	1019.88	30.12	0.795	108.45	227.21	553.06			
6/12/99 4:00	1020.00	30.12	0.797	108.19	226.73	553.50	552.75		
6/12/99 4:15	1020.00	30.12	0.793	108.19	226.73	551.97			
6/12/99 4:30	1019.88	30.12	0.795	108.45	227.21	553.06			
6/12/99 4:45	1019.88	30.12	0.794	108.19	226.73	552.42			
6/12/99 5:00	1019.88	30.12	0.794	108.45	227.21	552.61	552.73		
6/12/99 5:15	1019.75	30.11	0.794	108.45	227.21	552.88			
6/12/99 5:30	1019.75	30.11	0.794	108.19	226.73	552.69			
6/12/99 5:45	1019.88	30.12	0.794	108.19	226.73	552.42			
6/12/99 6:00	1020.13	30.12	0.795	108.19	226.73	552.80	552.73		
6/12/99 6:15	1020.25	30.13	0.795	108.19	226.73	552.77			
6/12/99 6:30	1020.38	30.13	0.796	108.19	226.73	552.94			
6/12/99 6:45	1020.38	30.13	0.795	108.19	226.73	552.73			
6/12/99 7:00	1020.50	30.14	0.794	108.19	226.73	552.49	552.43		
6/12/99 7:15	1020.63	30.14	0.793	108.19	226.73	552.01			
6/12/99 7:30	1020.75	30.14	0.793	108.19	226.73	551.97			
6/12/99 7:45	1020.75	30.14	0.795	108.45	227.21	552.82			
6/12/99 8:00	1020.88	30.15	0.793	108.71	227.68	552.32	552.83		
6/12/99 8:15	1021.25	30.16	0.793	109.23	228.62	552.59			
6/12/99 8:30	1021.38	30.18	0.798	109.75	229.56	554.47			
6/12/99 8:45	1021.50	30.18	0.794	110.02	230.03	553.30			
6/12/99 9:00	1021.50	30.16	0.796	110.28	230.50	554.36	554.33		
6/12/99 9:15	1021.50	30.16	0.796	110.80	231.44	554.53			
6/12/99 9:30	1021.50	30.16	0.797	110.80	231.44	554.98			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/9/99 22:15	1017.50	30.05	0.816	107.92	226.26	560.65			
6/9/99 22:30	1017.63	30.05	0.816	107.66	225.79	560.43			
6/9/99 22:45	1017.88	30.06	0.817	107.40	225.32	560.41			
6/9/99 23:00	1017.88	30.06	0.816	107.14	224.85	559.77	559.85		
6/9/99 23:15	1017.63	30.05	0.815	107.14	224.85	559.63			
6/9/99 23:30	1017.50	30.05	0.814	106.88	224.38	559.03			
6/9/99 23:45	1017.50	30.05	0.813	106.62	223.91	558.42			
6/10/99 0:00	1017.63	30.05	0.814	106.88	224.38	559.23	558.65		
6/10/99 0:15	1017.63	30.05	0.813	106.62	223.91	558.39			
6/10/99 0:30	1017.75	30.05	0.813	106.36	223.44	558.16			
6/10/99 0:45	1017.75	30.05	0.815	106.36	223.44	559.02			
6/10/99 1:00	1018.00	30.06	0.814	106.36	223.44	558.51	558.80		
6/10/99 1:15	1018.00	30.06	0.814	106.10	222.97	558.55			
6/10/99 1:30	1018.00	30.06	0.815	106.10	222.97	558.76			
6/10/99 1:45	1018.00	30.06	0.816	106.10	222.97	559.17			
6/10/99 2:00	1018.00	30.06	0.814	105.83	222.50	558.36	558.30		
6/10/99 2:15	1018.00	30.06	0.812	105.83	222.50	557.50			
6/10/99 2:30	1018.00	30.06	0.813	105.83	222.50	557.71			
6/10/99 2:45	1018.00	30.06	0.813	105.83	222.50	557.71			
6/10/99 3:00	1018.00	30.06	0.813	105.83	222.50	557.71	557.59		
6/10/99 3:15	1018.13	30.07	0.813	105.83	222.50	557.88			
6/10/99 3:30	1018.38	30.07	0.811	105.83	222.50	557.16			
6/10/99 3:45	1018.25	30.07	0.815	105.83	222.50	558.50			
6/10/99 4:00	1018.25	30.07	0.813	105.83	222.50	557.85	557.88		
6/10/99 4:15	1018.25	30.07	0.813	106.10	222.97	557.83			
6/10/99 4:30	1018.25	30.07	0.813	106.10	222.97	558.04			
6/10/99 4:45	1018.25	30.07	0.813	106.10	222.97	557.83			
6/10/99 5:00	1018.25	30.07	0.815	106.10	222.97	558.69	558.00		
6/10/99 5:15	1018.50	30.08	0.814	106.10	222.97	558.18			
6/10/99 5:30	1018.63	30.08	0.811	106.10	222.97	557.28			
6/10/99 5:45	1018.63	30.08	0.812	106.10	222.97	557.52			
6/10/99 6:00	1018.63	30.08	0.811	106.10	222.97	557.28	557.49		
6/10/99 6:15	1018.75	30.08	0.814	106.10	222.97	558.35			
6/10/99 6:30	1016.88	30.09	0.811	106.10	222.97	557.01			
6/10/99 6:45	1019.13	30.09	0.813	106.10	222.97	557.59			
6/10/99 7:00	1019.25	30.10	0.816	106.10	222.97	558.83	558.20		
6/10/99 7:15	1019.38	30.10	0.813	106.10	222.97	557.73			
6/10/99 7:30	1019.38	30.10	0.816	106.62	223.91	559.83			
6/10/99 7:45	1019.38	30.10	0.814	106.88	224.38	558.51			
6/10/99 8:00	1019.63	30.11	0.811	107.14	224.85	557.76	558.85		
6/10/99 8:15	1019.88	30.12	0.813	107.40	225.32	558.55			
6/10/99 8:30	1019.88	30.12	0.815	107.92	226.26	559.59			
6/10/99 8:45	1020.13	30.12	0.813	108.19	226.73	558.85			
6/10/99 9:00	1020.00	30.12	0.815	108.45	227.21	559.94	560.12		
6/10/99 9:15	1020.13	30.12	0.818	108.97	228.15	561.15			
6/10/99 9:30	1020.13	30.12	0.816	109.75	229.56	561.07			
6/10/99 9:45	1020.25	30.13	0.818	110.28	230.50	562.07			
6/10/99 10:00	1020.25	30.13	0.816	110.54	230.97	561.61	561.89		
6/10/99 10:15	1020.13	30.12	0.818	111.06	231.91	562.88			
6/10/99 10:30	1020.13	30.12	0.815	111.32	232.38	562.01			
6/10/99 10:45	1020.00	30.12	0.818	112.11	233.79	563.48			
6/10/99 11:00	1019.88	30.12	0.817	112.37	234.26	563.50	563.35		
6/10/99 11:15	1019.88	30.12	0.814	112.63	234.73	562.82			
6/10/99 11:30	1019.88	30.12	0.819	113.15	235.67	564.93			
6/10/99 11:45	1019.88	30.12	0.814	113.15	235.67	562.96			
6/10/99 12:00	1020.00	30.12	0.818	113.41	236.14	564.84	564.44		
6/10/99 12:15	1019.88	30.12	0.819	113.93	237.08	565.26			
6/10/99 12:30	1019.75	30.11	0.816	113.93	237.08	564.43			
6/10/99 12:45	1019.63	30.11	0.814	113.93	237.08	563.84			
6/10/99 13:00	1019.50	30.11	0.816	113.93	237.08	564.29	564.29		
6/10/99 13:15	1019.25	30.10	0.812	114.46	238.02	563.46			
6/10/99 13:30	1019.13	30.09	0.818	114.46	238.02	565.44			
6/10/99 13:45	1019.00	30.09	0.818	114.72	238.49	565.00			
6/10/99 14:00	1018.88	30.09	0.814	114.46	238.02	564.19	565.07		
6/10/99 14:15	1016.63	30.08	0.817	114.46	238.02	565.37			
6/10/99 14:30	1018.38	30.07	0.816	114.98	238.96	565.37			
6/10/99 14:45	1018.25	30.07	0.814	115.24	239.43	565.18			
6/10/99 15:00	1018.13	30.07	0.814	115.50	239.90	565.40	565.33		
6/10/99 15:15	1017.88	30.06	0.813	115.50	239.90	565.02			
6/10/99 15:30	1017.63	30.05	0.814	116.02	240.84	565.88			
6/10/99 15:45	1017.50	30.05	0.814	115.78	240.37	565.52			
6/10/99 16:00	1017.25	30.04	0.816	115.76	240.37	566.25	565.48		
6/10/99 16:15	1017.13	30.04	0.810	116.29	241.32	564.72			
6/10/99 16:30	1017.00	30.03	0.813	115.76	240.37	565.24			
6/10/99 16:45	1016.88	30.03	0.813	114.98	238.96	564.71			
6/10/99 17:00	1016.88	30.03	0.809	114.20	237.55	562.82	563.94		
6/10/99 17:15	1016.75	30.02	0.812	113.67	236.61	563.58			
6/10/99 17:30	1016.86	30.03	0.812	113.41	236.14	563.38			
6/10/99 17:45	1016.75	30.02	0.810	112.89	235.20	562.35			
6/10/99 18:00	1016.50	30.02	0.809	113.41	236.14	562.59	562.98		
6/10/99 18:15	1016.25	30.01	0.812	113.41	236.14	563.53			
6/10/99 18:30	1016.25	30.01	0.811	113.41	236.14	563.06			
6/10/99 18:45	1018.38	30.01	0.809	113.41	236.14	562.63			
6/10/99 19:00	1018.38	30.01	0.809	113.15	235.67	562.44	562.43		
6/10/99 19:15	1016.38	30.01	0.809	113.15	235.67	562.44			
6/10/99 19:30	1018.50	30.02	0.808	112.63	234.73	561.57			
6/10/99 19:45	1016.75	30.02	0.808	112.63	234.73	561.29			
6/10/99 20:00	1016.88	30.03	0.811	112.37	234.26	562.15	561.48		
6/10/99 20:15	1017.13	30.04	0.810	112.11	233.79	561.68			
6/10/99 20:30	1017.50	30.05	0.808	111.84	233.32	560.73			
6/10/99 20:45	1017.75	30.05	0.809	111.32	232.38	560.73			
6/10/99 21:00	1017.75	30.05	0.809	110.80	231.44	560.10	559.79		
6/10/99 21:15	1018.00	30.06	0.806	110.28	230.50	558.58			
6/10/99 21:30	1018.13	30.07	0.807	110.02	230.03	558.81			
6/10/99 21:45	1018.13	30.07	0.806	109.75	229.56	558.16			
6/10/99 22:00	1018.25	30.07	0.807	109.49	229.09	558.39	558.17		
6/10/99 22:15	1018.25	30.07	0.803	109.49	229.09	556.67			
6/10/99 22:30	1018.25	30.07	0.808	109.23	228.62	558.61			
6/10/99 22:45	1018.50	30.08	0.806	109.23	228.62	557.89			
6/10/99 23:00	1018.88	30.09	0.808	108.97	228.15	558.25	557.95		
6/10/99 23:15	1018.75	30.08	0.808	108.71	227.68	557.89			
6/10/99 23:30	1018.38	30.07	0.805	108.71	227.68	557.13			
6/10/99 23:45	1018.25	30.07	0.807	108.71	227.68	557.82			
6/11/99 0:00	1018.25	30.07	0.806	108.71	227.68	557.37	557.34		
6/11/99 0:15	1019.25	30.10	0.806	108.45	227.21	556.90			
6/11/99 0:30	1019.63	30.11	0.808	108.45	227.21	557.46			
6/11/99 0:45	1019.63	30.11	0.805	107.92	226.26	556.21			
6/11/99 1:00	1019.75	30.11	0.805	107.40	225.32	555.80	556.23		
6/11/99 1:15	1020.75	30.14	0.807	107.14	224.85	555.99			
6/11/99 1:30	1020.25	30.13	0.806	106.88	224.38	555.69			
6/11/99 1:45	1019.75	30.11	0.806	106.88	224.38	555.83			
6/11/99 2:00	1019.38	30.10	0.804	106.88	224.38	555.07	555.48		
6/11/99 2:15	1019.25	30.10	0.805	106.62	223.91	555.36			
6/11/99 2:30	1019.38	30.10	0.805	106.62	223.91	555.33			
6/11/99 2:45	1019.50	30.11	0.802	106.88	224.38	554.41			
6/11/99 3:00	1019.88	30.12	0.803	106.88	224.38	554.73	554.65		
6/11/99 3:15	1019.75	30.11	0.802	106.88	224.38	554.35			
6/11/99 3:30	1019.50	30.11	0.802	106.88	224.38	554.41			
6/11/99 3:45	1019.25	30.10	0.801	106.88	224.38	554.03			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/8/99 16:30	1016.25	30.01	0.000	33.72	92.69	0.00			
6/8/99 16:45	1016.00	30.00	0.000	33.72	92.69	0.00			
6/8/99 17:00	1015.88	30.00	0.000	33.72	92.69	0.00	0.00		
6/8/99 17:15	1015.75	30.00	0.000	33.46	92.22	0.00			
6/8/99 17:30	1015.75	30.00	0.000	33.19	91.75	0.00			
6/8/99 17:45	1015.63	29.99	0.000	32.93	91.28	0.00			
6/8/99 18:00	1015.63	29.99	0.000	32.41	90.34	0.00	45.11		
6/8/99 18:15	1015.50	29.99	0.000	32.41	90.34	0.00			
6/8/99 18:30	829.38	24.49	0.132	37.90	100.22	225.55			
6/8/99 18:45	1015.38	29.98	0.444	67.69	153.83	391.67			
6/8/99 19:00	1015.25	29.98	0.796	100.09	212.15	548.42	339.83		
6/8/99 19:15	1015.38	29.98	0.741	106.36	223.44	533.52			
6/8/99 19:30	1015.50	29.99	0.000	81.01	177.82	0.00			
6/8/99 19:45	1015.63	29.99	0.000	71.87	161.36	0.00			
6/8/99 20:00	1015.63	29.99	0.000	62.20	143.96	0.00	0.00		
6/8/99 20:15	1015.88	30.00	0.000	54.88	130.79	0.00			
6/8/99 20:30	1016.00	30.00	0.000	49.39	120.91	0.00			
6/8/99 20:45	1016.13	30.01	0.000	44.69	112.44	0.00			
6/8/99 21:00	1016.00	30.00	0.000	41.03	105.86	0.00	0.00		
6/8/99 21:15	1016.13	30.01	0.000	37.64	99.75	0.00			
6/8/99 21:30	1016.25	30.01	0.000	35.02	95.04	0.00			
6/8/99 21:45	1016.50	30.02	0.000	32.67	90.81	0.00			
6/8/99 22:00	1016.75	30.02	0.000	30.84	87.52	0.00	0.00		
6/8/99 22:15	1016.88	30.03	0.000	29.27	84.69	0.00			
6/8/99 22:30	1017.00	30.03	0.000	27.97	82.34	0.00			
6/8/99 22:45	1017.25	30.04	0.000	27.18	80.93	0.00			
6/8/99 23:00	1017.25	30.04	0.000	26.66	79.99	0.00	0.00		
6/8/99 23:15	1017.25	30.04	0.000	26.40	79.52	0.00			
6/8/99 23:30	1017.25	30.04	0.000	26.14	79.05	0.00			
6/8/99 23:45	1017.25	30.04	0.000	25.38	77.84	0.00			
6/9/99 0:00	1017.25	30.04	0.000	25.09	77.17	0.00	0.00		
6/9/99 0:15	1017.13	30.04	0.000	24.83	76.70	0.00			
6/9/99 0:30	1017.13	30.04	0.000	24.57	76.23	0.00			
6/9/99 0:45	1017.00	30.03	0.000	24.57	76.23	0.00			
6/9/99 1:00	1016.88	30.03	0.000	24.05	75.29	0.00	0.00		
6/9/99 1:15	1016.75	30.02	0.000	24.05	75.29	0.00			
6/9/99 1:30	1016.75	30.02	0.000	23.53	74.35	0.00			
6/9/99 1:45	1016.75	30.02	0.000	23.53	74.35	0.00			
6/9/99 2:00	1016.63	30.02	0.000	23.00	73.41	0.00	0.00		
6/9/99 2:15	1016.75	30.02	0.000	23.27	73.88	0.00			
6/9/99 2:30	1016.75	30.02	0.000	23.00	73.41	0.00			
6/9/99 2:45	1016.50	30.02	0.000	22.74	72.94	0.00			
6/9/99 3:00	1016.50	30.02	0.000	22.74	72.94	0.00	0.00		
6/9/99 3:15	1016.50	30.02	0.000	22.48	72.47	0.00			
6/9/99 3:30	1016.50	30.02	0.000	22.48	72.47	0.00			
6/9/99 3:45	1016.63	30.02	0.000	22.22	72.00	0.00			
6/9/99 4:00	1016.63	30.02	0.000	22.22	72.00	0.00	0.00		
6/9/99 4:15	1016.75	30.02	0.000	22.22	72.00	0.00			
6/9/99 4:30	1016.75	30.02	0.000	21.96	71.53	0.00			
6/9/99 4:45	1017.00	30.03	0.000	21.96	71.53	0.00			
6/9/99 5:00	1017.13	30.04	0.000	21.44	70.58	0.00	0.00		
6/9/99 5:15	1017.13	30.04	0.000	21.44	70.58	0.00			
6/9/99 5:30	1017.00	30.03	0.000	21.44	70.58	0.00			
6/9/99 5:45	1017.00	30.03	0.000	21.44	70.58	0.00			
6/9/99 6:00	1017.25	30.04	0.000	21.17	70.11	0.00	0.00		
6/9/99 6:15	1017.38	30.04	0.000	21.17	70.11	0.00			
6/9/99 6:30	1017.38	30.04	0.000	20.91	69.64	0.00			
6/9/99 6:45	1017.63	30.05	0.000	20.91	69.64	0.00			
6/9/99 7:00	1017.63	30.05	0.000	20.91	69.64	0.00	0.00		
6/9/99 7:15	1017.75	30.05	0.000	20.91	69.64	0.00			
6/9/99 7:30	1017.88	30.06	0.000	20.91	69.64	0.00			
6/9/99 7:45	1018.00	30.06	0.000	20.91	69.64	0.00			
6/9/99 8:00	1018.13	30.07	0.000	21.17	70.11	0.00	189.41		
6/9/99 8:15	1018.00	30.06	0.486	46.00	114.80	395.92			
6/9/99 8:30	1017.88	30.06	0.828	90.16	194.28	551.11			
6/9/99 8:45	1018.13	30.07	0.865	98.26	208.86	569.63			
6/9/99 9:00	1018.38	30.07	0.841	103.22	217.80	565.21	563.42		
6/9/99 9:15	1018.50	30.08	0.835	105.83	222.50	565.24			
6/9/99 9:30	1018.63	30.08	0.833	107.66	225.79	565.92			
6/9/99 9:45	1018.63	30.08	0.834	108.71	227.68	567.14			
6/9/99 10:00	1018.63	30.08	0.836	109.49	229.09	568.33	567.54		
6/9/99 10:15	1018.88	30.09	0.836	109.75	229.56	568.25			
6/9/99 10:30	1018.88	30.09	0.836	109.49	229.09	568.06			
6/9/99 10:45	1018.88	30.09	0.835	109.75	229.56	568.05			
6/9/99 11:00	1019.00	30.09	0.838	110.28	230.50	569.25	568.94		
6/9/99 11:15	1018.88	30.09	0.837	110.54	230.97	569.28			
6/9/99 11:30	1018.88	30.09	0.839	110.80	231.44	570.08			
6/9/99 11:45	1018.88	30.09	0.836	111.06	231.91	569.22			
6/9/99 12:00	1016.75	30.08	0.840	111.58	232.85	571.14	570.43		
6/9/99 12:15	1018.63	30.08	0.838	111.58	232.85	570.53			
6/9/99 12:30	1016.50	30.08	0.839	112.11	233.79	571.16			
6/9/99 12:45	1018.25	30.07	0.839	112.11	233.79	571.46			
6/9/99 13:00	1018.13	30.07	0.844	112.37	234.26	573.16	573.04		
6/9/99 13:15	1018.00	30.06	0.839	112.11	233.79	571.53			
6/9/99 13:30	1016.00	30.06	0.858	112.11	233.79	577.87			
6/9/99 13:45	1017.88	30.06	0.841	112.37	234.26	572.17			
6/9/99 14:00	1017.88	30.06	0.838	113.15	235.67	571.70	572.87		
6/9/99 14:15	1017.50	30.05	0.836	112.89	235.20	571.81			
6/9/99 14:30	1017.38	30.04	0.836	112.63	234.73	570.80			
6/9/99 14:45	1017.38	30.04	0.833	113.15	235.67	570.13			
6/9/99 15:00	1017.50	30.05	0.831	113.41	236.14	569.84	570.21		
6/9/99 15:15	1017.63	30.05	0.833	113.67	236.61	570.44			
6/9/99 15:30	1017.50	30.05	0.831	113.67	236.61	569.63			
6/9/99 15:45	1017.38	30.04	0.827	113.41	236.14	568.40			
6/9/99 16:00	1017.25	30.04	0.829	113.41	236.14	569.05	568.72		
6/9/99 16:15	1017.50	30.05	0.829	113.41	236.14	568.96			
6/9/99 16:30	1017.75	30.05	0.827	112.11	233.79	567.33			
6/9/99 16:45	1017.63	30.05	0.827	111.58	232.85	566.98			
6/9/99 17:00	1017.38	30.04	0.829	112.37	234.26	568.49	567.49		
6/9/99 17:15	1017.00	30.03	0.826	112.63	234.73	567.46			
6/9/99 17:30	1016.63	30.02	0.824	112.63	234.73	567.17			
6/9/99 17:45	1016.25	30.01	0.826	112.63	234.73	567.90			
6/9/99 18:00	1016.50	30.02	0.824	112.63	234.73	566.97	566.94		
6/9/99 18:15	1016.88	30.03	0.824	112.63	234.73	566.86			
6/9/99 18:30	1017.00	30.03	0.822	112.11	233.79	565.82			
6/9/99 18:45	1017.13	30.04	0.819	112.11	233.79	564.93			
6/9/99 19:00	1017.13	30.04	0.821	112.11	233.79	565.34	565.17		
6/9/99 19:15	1017.00	30.03	0.821	112.11	233.79	565.38			
6/9/99 19:30	1016.88	30.03	0.819	111.58	232.85	564.37			
6/9/99 19:45	1016.63	30.02	0.818	111.32	232.38	564.04			
6/9/99 20:00	1016.75	30.02	0.819	111.06	231.91	564.02	564.07		
6/9/99 20:15	1016.88	30.03	0.819	110.80	231.44	564.04			
6/9/99 20:30	1016.88	30.03	0.820	110.28	230.50	563.86			
6/9/99 20:45	1017.00	30.03	0.819	109.75	229.56	563.24			
6/9/99 21:00	1017.13	30.04	0.819	109.49	229.09	562.77	562.81		
6/9/99 21:15	1017.00	30.03	0.816	109.23	228.62	561.75			
6/9/99 21:30	1016.88	30.03	0.819	108.97	228.15	562.45			
6/9/99 21:45	1017.13	30.04	0.818	108.45	227.21	561.79			
6/9/99 22:00	1017.38	30.04	0.816	107.92	226.26	561.34	561.33		

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/7/99 10:45	1021.00	30.15	0.000	26.92	80.46	0.00			
6/7/99 11:00	1021.00	30.15	0.000	27.18	80.93	0.00	0.00		
6/7/99 11:15	1021.00	30.15	0.000	27.71	81.87	0.00			
6/7/99 11:30	1021.00	30.15	0.000	27.97	82.34	0.00			
6/7/99 11:45	1021.00	30.15	0.000	28.23	82.81	0.00			
6/7/99 12:00	1020.75	30.14	0.000	28.75	83.75	0.00	0.00		
6/7/99 12:15	1020.75	30.14	0.000	29.27	84.69	0.00			
6/7/99 12:30	1020.63	30.14	0.000	29.54	85.16	0.00			
6/7/99 12:45	1020.38	30.13	0.000	30.06	86.11	0.00			
6/7/99 13:00	1020.38	30.13	0.000	30.06	86.11	0.00	0.00		
6/7/99 13:15	1020.50	30.14	0.000	30.06	86.11	0.00			
6/7/99 13:30	1020.50	30.14	0.000	30.06	86.11	0.00			
6/7/99 13:45	1020.25	30.13	0.000	29.80	85.64	0.00			
6/7/99 14:00	1020.13	30.12	0.000	30.06	86.11	0.00	0.00		
6/7/99 14:15	1020.00	30.12	0.000	30.06	86.11	0.00			
6/7/99 14:30	1019.75	30.11	0.000	30.06	86.11	0.00			
6/7/99 14:45	1019.63	30.11	0.000	30.06	86.11	0.00			
6/7/99 15:00	1019.50	30.11	0.000	30.32	86.58	0.00	9.20		
6/7/99 15:15	1019.50	30.11	0.007	31.10	87.99	46.02			
6/7/99 15:30	1019.38	30.10	0.000	30.84	87.52	0.00			
6/7/99 15:45	1019.25	30.10	0.000	30.32	86.58	0.00			
6/7/99 16:00	1019.00	30.09	0.000	30.32	86.58	0.00	0.00		
6/7/99 16:15	1018.88	30.09	0.000	30.58	87.05	0.00			
6/7/99 16:30	1018.75	30.08	0.000	30.84	87.52	0.00			
6/7/99 16:45	1018.63	30.08	0.000	31.10	87.99	0.00			
6/7/99 17:00	1018.50	30.08	0.000	31.37	88.46	0.00	0.00		
6/7/99 17:15	905.00	26.72	0.000	31.63	88.93	0.00			
6/7/99 17:30	1018.25	30.07	0.000	31.89	89.40	0.00			
6/7/99 17:45	1018.25	30.07	0.000	31.89	89.40	0.00			
6/7/99 18:00	1018.13	30.07	0.000	31.89	89.40	0.00	0.00		
6/7/99 18:15	1018.00	30.06	0.000	31.89	89.40	0.00			
6/7/99 18:30	1017.88	30.06	0.000	31.63	88.93	0.00			
6/7/99 18:45	1017.88	30.06	0.000	31.37	88.46	0.00			
6/7/99 19:00	1017.88	30.06	0.000	31.37	88.46	0.00	0.00		
6/7/99 19:15	1017.75	30.05	0.000	30.84	87.52	0.00			
6/7/99 19:30	1017.75	30.05	0.000	30.84	87.52	0.00			
6/7/99 19:45	1017.75	30.05	0.000	30.58	87.05	0.00			
6/7/99 20:00	1017.75	30.05	0.000	30.06	88.11	0.00	0.00		
6/7/99 20:15	1017.63	30.05	0.000	29.80	85.64	0.00			
6/7/99 20:30	1017.88	30.06	0.000	29.27	84.69	0.00			
6/7/99 20:45	1017.88	30.06	0.000	29.01	84.22	0.00			
6/7/99 21:00	1017.88	30.06	0.000	28.49	83.28	0.00	0.00		
6/7/99 21:15	1018.00	30.06	0.000	28.23	82.81	0.00			
6/7/99 21:30	1018.13	30.07	0.000	27.71	81.87	0.00			
6/7/99 21:45	1018.25	30.07	0.000	27.45	81.40	0.00			
6/7/99 22:00	1018.25	30.07	0.000	27.18	80.93	0.00	0.00		
6/7/99 22:15	1018.50	30.08	0.000	26.92	80.46	0.00			
6/7/99 22:30	1018.50	30.08	0.000	26.66	79.99	0.00			
6/7/99 22:45	1018.50	30.08	0.000	26.66	79.99	0.00			
6/7/99 23:00	1018.50	30.08	0.000	26.40	79.52	0.00	0.00		
6/7/99 23:15	1018.50	30.08	0.000	26.14	79.05	0.00			
6/7/99 23:30	1018.50	30.08	0.000	25.88	78.58	0.00			
6/7/99 23:45	1018.50	30.08	0.000	25.62	78.11	0.00			
6/8/99 0:00	1018.50	30.08	0.000	25.09	77.17	0.00	0.00		
6/8/99 0:15	1018.50	30.08	0.000	25.09	77.17	0.00			
6/8/99 0:30	1018.50	30.08	0.000	24.83	76.70	0.00			
6/8/99 0:45	1018.38	30.07	0.000	24.57	76.23	0.00			
6/8/99 1:00	1018.25	30.07	0.000	24.31	75.76	0.00	0.00		
6/8/99 1:15	1018.25	30.07	0.000	24.05	75.29	0.00			
6/8/99 1:30	1018.25	30.07	0.000	24.05	75.29	0.00			
6/8/99 1:45	1018.25	30.07	0.000	23.79	74.82	0.00			
6/8/99 2:00	1018.00	30.06	0.000	23.53	74.35	0.00	0.00		
6/8/99 2:15	1018.00	30.06	0.000	23.27	73.88	0.00			
6/8/99 2:30	1018.00	30.06	0.000	23.00	73.41	0.00			
6/8/99 2:45	1017.88	30.06	0.000	22.74	72.94	0.00			
6/8/99 3:00	1017.88	30.06	0.000	22.74	72.94	0.00	0.00		
6/8/99 3:15	1017.88	30.06	0.000	22.74	72.94	0.00			
6/8/99 3:30	1017.88	30.06	0.000	22.74	72.94	0.00			
6/8/99 3:45	1017.88	30.06	0.000	22.48	72.47	0.00			
6/8/99 4:00	1017.88	30.06	0.000	22.48	72.47	0.00	0.00		
6/8/99 4:15	1018.00	30.06	0.000	22.48	72.47	0.00			
6/8/99 4:30	1018.00	30.06	0.000	22.22	72.00	0.00			
6/8/99 4:45	1018.00	30.06	0.000	22.22	72.00	0.00			
6/8/99 5:00	1018.00	30.06	0.000	22.22	72.00	0.00	0.00		
6/8/99 5:15	1018.25	30.07	0.000	22.22	72.00	0.00			
6/8/99 5:30	1018.25	30.07	0.000	22.22	72.00	0.00			
6/8/99 5:45	1018.25	30.07	0.000	22.22	72.00	0.00			
6/8/99 6:00	1018.38	30.07	0.000	22.22	72.00	0.00	0.00		
6/8/99 6:15	1018.38	30.07	0.000	22.22	72.00	0.00			
6/8/99 6:30	1018.50	30.08	0.000	22.22	72.00	0.00			
6/8/99 6:45	1018.63	30.08	0.000	22.22	72.00	0.00			
6/8/99 7:00	1018.88	30.09	0.000	22.22	72.00	0.00	0.00		
6/8/99 7:15	1018.75	30.08	0.000	22.22	72.00	0.00			
6/8/99 7:30	1019.00	30.09	0.000	22.22	72.00	0.00			
6/8/99 7:45	1019.00	30.09	0.000	22.22	72.00	0.00			
6/8/99 8:00	1019.13	30.09	0.000	22.22	72.00	0.00	0.00		
6/8/99 8:15	1019.00	30.09	0.000	22.22	72.00	0.00			
6/8/99 8:30	1018.88	30.09	0.000	22.22	72.00	0.00			
6/8/99 8:45	1018.88	30.09	0.000	22.48	72.47	0.00			
6/8/99 9:00	1018.88	30.09	0.000	22.74	72.94	0.00	0.00		
6/8/99 9:15	1018.88	30.09	0.000	23.00	73.41	0.00			
6/8/99 9:30	1018.63	30.08	0.000	23.53	74.35	0.00			
6/8/99 9:45	1018.63	30.08	0.000	24.57	76.23	0.00			
6/8/99 10:00	1018.50	30.08	0.000	24.83	76.70	0.00	0.00		
6/8/99 10:15	1018.50	30.08	0.000	25.36	77.64	0.00			
6/8/99 10:30	1018.38	30.07	0.000	25.88	78.58	0.00			
6/8/99 10:45	1018.25	30.07	0.000	26.40	79.52	0.00			
6/8/99 11:00	1018.25	30.07	0.000	26.66	79.99	0.00	0.00		
6/8/99 11:15	1018.38	30.07	0.000	27.18	80.93	0.00			
6/8/99 11:30	1018.38	30.07	0.000	27.97	82.34	0.00			
6/8/99 11:45	1018.25	30.07	0.000	28.49	83.28	0.00			
6/8/99 12:00	1018.00	30.06	0.000	28.75	83.75	0.00	0.00		
6/8/99 12:15	1018.00	30.06	0.000	29.54	85.18	0.00			
6/8/99 12:30	1018.00	30.06	0.000	29.80	85.64	0.00			
6/8/99 12:45	1017.88	30.06	0.000	30.06	86.11	0.00			
6/8/99 13:00	1017.75	30.05	0.000	30.32	86.58	0.00	0.00		
6/8/99 13:15	1017.63	30.05	0.000	30.84	87.52	0.00			
6/8/99 13:30	1017.50	30.05	0.000	31.10	87.99	0.00			
6/8/99 13:45	1017.38	30.04	0.000	31.37	88.46	0.00			
6/8/99 14:00	1017.25	30.04	0.000	31.37	88.46	0.00	0.00		
6/8/99 14:15	1017.13	30.04	0.000	31.63	88.93	0.00			
6/8/99 14:30	1017.00	30.03	0.000	31.89	89.40	0.00			
6/8/99 14:45	1016.88	30.03	0.000	32.15	89.87	0.00			
6/8/99 15:00	1016.75	30.02	0.000	32.41	90.34	0.00	0.00		
6/8/99 15:15	1016.63	30.02	0.000	32.67	90.81	0.00			
6/8/99 15:30	1016.50	30.02	0.000	33.19	91.75	0.00			
6/8/99 15:45	1016.38	30.01	0.000	33.46	92.22	0.00			
6/8/99 16:00	1016.38	30.01	0.000	33.46	92.22	0.00	0.00		
6/8/99 16:15	1016.38	30.01	0.000	33.72	92.69	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/6/99 5:00	1020.75	30.14	0.000	22.48	72.47	0.00	0.00		
6/6/99 5:15	1020.75	30.14	0.000	22.22	72.00	0.00			
6/6/99 5:30	1020.75	30.14	0.000	22.22	72.00	0.00			
6/6/99 5:45	1020.88	30.15	0.000	22.22	72.00	0.00			
6/6/99 6:00	1021.13	30.15	0.000	22.22	72.00	0.00	0.00		
6/6/99 6:15	1021.25	30.16	0.000	22.22	72.00	0.00			
6/6/99 6:30	1021.25	30.16	0.000	21.96	71.53	0.00			
6/6/99 6:45	1021.38	30.16	0.000	21.96	71.53	0.00			
6/6/99 7:00	1021.50	30.16	0.000	21.96	71.53	0.00	0.00		
6/6/99 7:15	1021.63	30.17	0.000	22.22	72.00	0.00			
6/6/99 7:30	1021.88	30.18	0.000	22.22	72.00	0.00			
6/6/99 7:45	1021.88	30.18	0.000	22.22	72.00	0.00			
6/6/99 8:00	1022.00	30.18	0.000	22.22	72.00	0.00	0.00		
6/6/99 8:15	1022.13	30.18	0.000	22.22	72.00	0.00			
6/6/99 8:30	1022.25	30.19	0.000	22.22	72.00	0.00			
6/6/99 8:45	1022.25	30.19	0.000	22.48	72.47	0.00			
6/6/99 9:00	1022.25	30.19	0.000	22.48	72.47	0.00	0.00		
6/6/99 9:15	1022.38	30.19	0.000	22.74	72.94	0.00			
6/6/99 9:30	1022.25	30.19	0.000	23.27	73.88	0.00			
6/6/99 9:45	1022.13	30.18	0.000	23.79	74.82	0.00			
6/6/99 10:00	1021.88	30.18	0.000	24.57	76.23	0.00	0.00		
6/6/99 10:15	1021.88	30.18	0.000	25.09	77.17	0.00			
6/6/99 10:30	1021.75	30.17	0.000	25.62	78.11	0.00			
6/6/99 10:45	1021.75	30.17	0.000	26.14	79.05	0.00			
6/6/99 11:00	1021.75	30.17	0.000	26.66	79.99	0.00	0.00		
6/6/99 11:15	1021.75	30.17	0.000	26.92	80.46	0.00			
6/6/99 11:30	1021.75	30.17	0.000	27.45	81.40	0.00			
6/6/99 11:45	1021.63	30.17	0.000	27.97	82.34	0.00			
6/6/99 12:00	1021.63	30.17	0.000	28.23	82.81	0.00	0.00		
6/6/99 12:15	1021.38	30.16	0.000	29.01	84.22	0.00			
6/6/99 12:30	1021.25	30.16	0.000	29.54	85.16	0.00			
6/6/99 12:45	1021.25	30.16	0.000	30.06	86.11	0.00			
6/6/99 13:00	1021.00	30.15	0.000	30.32	86.58	0.00	0.00		
6/6/99 13:15	1020.88	30.15	0.000	30.84	87.52	0.00			
6/6/99 13:30	1020.75	30.14	0.000	31.37	88.46	0.00			
6/6/99 13:45	1020.75	30.14	0.000	31.63	88.93	0.00			
6/6/99 14:00	1020.50	30.14	0.000	31.89	89.40	0.00	0.00		
6/6/99 14:15	1020.25	30.13	0.000	32.15	89.87	0.00			
6/6/99 14:30	1020.13	30.12	0.000	32.41	90.34	0.00			
6/6/99 14:45	1019.88	30.12	0.000	32.67	90.81	0.00			
6/6/99 15:00	1019.88	30.12	0.000	33.19	91.75	0.00	0.00		
6/6/99 15:15	1019.75	30.11	0.000	33.19	91.75	0.00			
6/6/99 15:30	1019.75	30.11	0.000	33.72	92.69	0.00			
6/6/99 15:45	1019.63	30.11	0.000	33.72	92.69	0.00			
6/6/99 16:00	1019.75	30.11	0.000	33.98	93.16	0.00	0.00		
6/6/99 16:15	1019.63	30.11	0.000	33.98	93.16	0.00			
6/6/99 16:30	1019.50	30.11	0.000	33.98	93.16	0.00			
6/6/99 16:45	1019.38	30.10	0.000	33.98	93.16	0.00			
6/6/99 17:00	1019.38	30.10	0.000	33.98	93.16	0.00	0.00		
6/6/99 17:15	1019.38	30.10	0.000	33.72	92.69	0.00			
6/6/99 17:30	1019.25	30.10	0.000	33.72	92.69	0.00			
6/6/99 17:45	1019.25	30.10	0.000	33.46	92.22	0.00			
6/6/99 18:00	1019.25	30.10	0.000	33.19	91.75	0.00	0.00		
6/6/99 18:15	1019.00	30.09	0.000	33.19	91.75	0.00			
6/6/99 18:30	1019.00	30.09	0.000	33.19	91.75	0.00			
6/6/99 18:45	1018.88	30.09	0.000	32.67	90.81	0.00			
6/6/99 19:00	1019.00	30.09	0.000	32.41	90.34	0.00	0.00		
6/6/99 19:15	1018.88	30.09	0.000	32.15	89.87	0.00			
6/6/99 19:30	1019.00	30.09	0.000	31.89	89.40	0.00			
6/6/99 19:45	1019.13	30.09	0.000	31.63	88.93	0.00			
6/6/99 20:00	1019.13	30.09	0.000	31.37	88.48	0.00	0.00		
6/6/99 20:15	1019.13	30.09	0.000	31.10	87.99	0.00			
6/6/99 20:30	1019.25	30.10	0.000	30.58	87.05	0.00			
6/6/99 20:45	1019.38	30.10	0.000	29.80	85.64	0.00			
6/6/99 21:00	1019.50	30.11	0.000	29.01	84.22	0.00	0.00		
6/6/99 21:15	1019.75	30.11	0.000	28.49	83.28	0.00			
6/6/99 21:30	1019.88	30.12	0.000	27.97	82.34	0.00			
6/6/99 21:45	1020.00	30.12	0.000	27.18	80.93	0.00			
6/6/99 22:00	1020.25	30.13	0.000	26.92	80.46	0.00	0.00		
6/6/99 22:15	1020.50	30.14	0.000	26.40	79.52	0.00			
6/6/99 22:30	1020.63	30.14	0.000	26.14	79.05	0.00			
6/6/99 22:45	1020.75	30.14	0.000	25.62	78.11	0.00			
6/6/99 23:00	1020.75	30.14	0.000	25.09	77.17	0.00	0.00		
6/6/99 23:15	1020.88	30.15	0.000	24.83	76.70	0.00			
6/6/99 23:30	1020.88	30.15	0.000	24.31	75.76	0.00			
6/6/99 23:45	1020.75	30.14	0.000	24.05	75.29	0.00			
6/7/99 0:00	1020.63	30.14	0.000	23.79	74.82	0.00	0.00		
6/7/99 0:15	1020.75	30.14	0.000	23.53	74.35	0.00			
6/7/99 0:30	1020.75	30.14	0.000	23.27	73.88	0.00			
6/7/99 0:45	1020.63	30.14	0.000	23.00	73.41	0.00			
6/7/99 1:00	1020.63	30.14	0.000	22.74	72.94	0.00	0.00		
6/7/99 1:15	1020.75	30.14	0.000	22.74	72.94	0.00			
6/7/99 1:30	1020.75	30.14	0.000	22.74	72.94	0.00			
6/7/99 1:45	1020.75	30.14	0.000	22.74	72.94	0.00			
6/7/99 2:00	1020.63	30.14	0.000	22.74	72.94	0.00	0.00		
6/7/99 2:15	1020.63	30.14	0.000	23.00	73.41	0.00			
6/7/99 2:30	1020.63	30.14	0.000	23.00	73.41	0.00			
6/7/99 2:45	1020.50	30.14	0.000	23.00	73.41	0.00			
6/7/99 3:00	1020.38	30.13	0.000	23.00	73.41	0.00	0.00		
6/7/99 3:15	1020.25	30.13	0.000	23.00	73.41	0.00			
6/7/99 3:30	1020.00	30.12	0.000	23.00	73.41	0.00			
6/7/99 3:45	1020.00	30.12	0.000	23.00	73.41	0.00			
6/7/99 4:00	1020.13	30.12	0.000	23.00	73.41	0.00	0.00		
6/7/99 4:15	1020.00	30.12	0.000	23.00	73.41	0.00			
6/7/99 4:30	1020.13	30.12	0.000	23.00	73.41	0.00			
6/7/99 4:45	1020.13	30.12	0.000	23.00	73.41	0.00			
6/7/99 5:00	1020.13	30.12	0.000	23.00	73.41	0.00	0.00		
6/7/99 5:15	1020.25	30.13	0.000	22.74	72.94	0.00			
6/7/99 5:30	1020.38	30.13	0.000	22.74	72.94	0.00			
6/7/99 5:45	1020.63	30.14	0.000	22.74	72.94	0.00			
6/7/99 6:00	1020.75	30.14	0.000	22.48	72.47	0.00	0.00		
6/7/99 6:15	1020.75	30.14	0.000	22.48	72.47	0.00			
6/7/99 6:30	1020.88	30.15	0.000	22.48	72.47	0.00			
6/7/99 6:45	1021.00	30.15	0.000	22.48	72.47	0.00			
6/7/99 7:00	1021.13	30.15	0.000	22.74	72.94	0.00	0.00		
6/7/99 7:15	1021.25	30.16	0.000	22.48	72.47	0.00			
6/7/99 7:30	1021.38	30.16	0.000	22.48	72.47	0.00			
6/7/99 7:45	1021.38	30.16	0.000	22.74	72.94	0.00			
6/7/99 8:00	1021.50	30.16	0.000	22.74	72.94	0.00	0.00		
6/7/99 8:15	1021.63	30.17	0.000	23.00	73.41	0.00			
6/7/99 8:30	1021.63	30.17	0.000	23.27	73.88	0.00			
6/7/99 8:45	1021.75	30.17	0.000	23.27	73.88	0.00			
6/7/99 9:00	1021.75	30.17	0.000	23.79	74.82	0.00	0.00		
6/7/99 9:15	1021.50	30.16	0.000	24.31	75.76	0.00			
6/7/99 9:30	1021.50	30.16	0.000	24.57	76.23	0.00			
6/7/99 9:45	1021.38	30.16	0.000	25.09	77.17	0.00			
6/7/99 10:00	1021.38	30.16	0.000	25.62	78.11	0.00	0.00		
6/7/99 10:15	1021.38	30.16	0.000	26.14	79.05	0.00			
6/7/99 10:30	1021.13	30.15	0.000	26.66	79.99	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/4/99 23:15	1018.50	30.08	0.000	22.22	72.00	0.00			
6/4/99 23:30	1018.38	30.07	0.000	21.96	71.53	0.00			
6/4/99 23:45	1018.13	30.07	0.000	21.44	70.58	0.00			
6/5/99 0:00	1018.00	30.06	0.000	21.17	70.11	0.00	0.00		
6/5/99 0:15	1018.00	30.06	0.000	21.17	70.11	0.00			
6/5/99 0:30	1017.75	30.05	0.000	21.17	70.11	0.00			
6/5/99 0:45	1017.68	30.06	0.000	20.91	69.64	0.00			
6/5/99 1:00	1017.63	30.05	0.000	20.91	69.64	0.00	0.00		
6/5/99 1:15	1017.25	30.04	0.000	20.91	69.64	0.00			
6/5/99 1:30	1017.00	30.03	0.000	20.91	69.64	0.00			
6/5/99 1:45	1018.63	30.02	0.000	20.65	69.17	0.00			
6/5/99 2:00	1016.38	30.01	0.000	20.39	68.70	0.00	0.00		
6/5/99 2:15	1016.13	30.01	0.000	20.39	68.70	0.00			
6/5/99 2:30	1015.88	30.00	0.000	20.65	69.17	0.00			
6/5/99 2:45	1015.75	30.00	0.000	20.65	69.17	0.00			
6/5/99 3:00	1015.88	30.00	0.000	20.65	69.17	0.00	0.00		
6/5/99 3:15	1016.00	30.00	0.000	20.65	69.17	0.00			
6/5/99 3:30	1015.88	30.00	0.000	20.65	69.17	0.00			
6/5/99 3:45	1016.25	30.01	0.000	20.65	69.17	0.00			
6/5/99 4:00	1016.63	30.02	0.000	20.65	69.17	0.00	0.00		
6/5/99 4:15	1016.25	30.01	0.000	20.65	69.17	0.00			
6/5/99 4:30	1016.25	30.01	0.000	20.65	69.17	0.00			
6/5/99 4:45	1016.25	30.01	0.000	20.65	69.17	0.00			
6/5/99 5:00	1016.25	30.01	0.000	20.65	69.17	0.00	0.00		
6/5/99 5:15	1017.13	30.04	0.000	20.39	68.70	0.00			
6/5/99 5:30	1017.25	30.04	0.000	20.39	68.70	0.00			
6/5/99 5:45	1017.00	30.03	0.000	20.13	68.23	0.00			
6/5/99 6:00	1017.13	30.04	0.000	20.39	68.70	0.00	0.00		
6/5/99 6:15	1017.50	30.05	0.000	20.39	68.70	0.00			
6/5/99 6:30	1017.50	30.05	0.000	20.13	68.23	0.00			
6/5/99 6:45	1017.75	30.05	0.000	20.39	68.70	0.00			
6/5/99 7:00	1017.75	30.05	0.000	20.13	68.23	0.00	0.00		
6/5/99 7:15	1017.88	30.06	0.000	20.13	68.23	0.00			
6/5/99 7:30	1017.88	30.06	0.000	20.39	68.70	0.00			
6/5/99 7:45	1018.00	30.06	0.000	20.39	68.70	0.00			
6/5/99 8:00	1018.38	30.07	0.000	20.39	68.70	0.00	0.00		
6/5/99 8:15	1018.50	30.08	0.000	20.39	68.70	0.00			
6/5/99 8:30	1018.75	30.08	0.000	20.65	69.17	0.00			
6/5/99 8:45	1018.88	30.09	0.000	20.65	69.17	0.00			
6/5/99 9:00	1018.88	30.09	0.000	20.91	69.64	0.00	0.00		
6/5/99 9:15	1019.00	30.09	0.000	20.91	69.64	0.00			
6/5/99 9:30	1019.00	30.09	0.000	21.17	70.11	0.00			
6/5/99 9:45	1019.00	30.09	0.000	21.44	70.58	0.00			
6/5/99 10:00	1018.88	30.09	0.000	21.70	71.06	0.00	0.00		
6/5/99 10:15	1018.68	30.09	0.000	22.22	72.00	0.00			
6/5/99 10:30	1018.88	30.09	0.000	22.48	72.47	0.00			
6/5/99 10:45	1018.88	30.09	0.000	22.74	72.94	0.00			
6/5/99 11:00	1018.88	30.09	0.000	23.27	73.88	0.00	0.00		
6/5/99 11:15	1018.75	30.08	0.000	24.05	75.29	0.00			
6/5/99 11:30	1019.00	30.09	0.000	24.57	76.23	0.00			
6/5/99 11:45	1019.00	30.09	0.000	25.09	77.17	0.00			
6/5/99 12:00	1019.25	30.10	0.000	25.62	78.11	0.00	0.00		
6/5/99 12:15	1019.13	30.09	0.000	26.14	79.05	0.00			
6/5/99 12:30	1018.88	30.09	0.000	26.40	79.52	0.00			
6/5/99 12:45	1018.88	30.09	0.000	26.92	80.46	0.00			
6/5/99 13:00	1018.88	30.09	0.000	27.18	80.93	0.00	0.00		
6/5/99 13:15	1018.75	30.08	0.000	27.45	81.40	0.00			
6/5/99 13:30	1018.88	30.09	0.000	27.97	82.34	0.00			
6/5/99 13:45	1018.88	30.09	0.000	28.49	83.28	0.00			
6/5/99 14:00	1018.75	30.08	0.000	28.75	83.75	0.00	0.00		
6/5/99 14:15	1018.63	30.08	0.000	29.54	85.18	0.00			
6/5/99 14:30	1018.50	30.08	0.000	29.80	85.64	0.00			
6/5/99 14:45	1018.38	30.07	0.000	30.06	86.11	0.00			
6/5/99 15:00	1018.38	30.07	0.000	30.58	87.05	0.00	0.00		
6/5/99 15:15	1018.13	30.07	0.000	30.84	87.52	0.00			
6/5/99 15:30	1018.13	30.07	0.000	31.10	87.99	0.00			
6/5/99 15:45	1018.00	30.06	0.000	31.37	88.46	0.00			
6/5/99 16:00	1017.75	30.05	0.000	31.63	88.93	0.00	0.00		
6/5/99 16:15	1017.75	30.05	0.000	31.89	89.40	0.00			
6/5/99 16:30	1017.75	30.05	0.000	31.89	89.40	0.00			
6/5/99 16:45	1017.88	30.06	0.000	31.89	89.40	0.00			
6/5/99 17:00	1017.63	30.05	0.000	32.15	89.87	0.00	0.00		
6/5/99 17:15	1017.75	30.05	0.000	32.41	90.34	0.00			
6/5/99 17:30	1017.75	30.05	0.000	32.41	90.34	0.00			
6/5/99 17:45	1017.75	30.05	0.000	32.41	90.34	0.00			
6/5/99 18:00	1017.88	30.06	0.000	32.41	90.34	0.00	0.00		
6/5/99 18:15	1017.75	30.05	0.000	32.41	90.34	0.00			
6/5/99 18:30	1017.63	30.05	0.000	32.41	90.34	0.00			
6/5/99 18:45	1017.63	30.05	0.000	32.41	90.34	0.00			
6/5/99 19:00	1017.63	30.05	0.000	32.15	89.87	0.00	0.00		
6/5/99 19:15	1017.75	30.05	0.000	31.89	89.40	0.00			
6/5/99 19:30	1017.88	30.06	0.000	31.63	88.93	0.00			
6/5/99 19:45	1018.13	30.07	0.000	31.37	88.46	0.00			
6/5/99 20:00	1018.25	30.07	0.000	30.84	87.52	0.00	0.00		
6/5/99 20:15	1018.38	30.07	0.000	30.32	86.58	0.00			
6/5/99 20:30	1018.50	30.08	0.000	29.80	85.64	0.00			
6/5/99 20:45	1018.50	30.08	0.000	29.01	84.22	0.00			
6/5/99 21:00	1018.38	30.07	0.000	28.23	82.81	0.00	0.00		
6/5/99 21:15	1018.50	30.08	0.000	27.45	81.40	0.00			
6/5/99 21:30	1018.50	30.08	0.000	26.92	80.46	0.00			
6/5/99 21:45	1018.63	30.08	0.000	26.66	79.99	0.00			
6/5/99 22:00	1018.75	30.08	0.000	26.14	79.05	0.00	0.00		
6/5/99 22:15	1018.63	30.08	0.000	25.68	78.58	0.00			
6/5/99 22:30	1018.75	30.08	0.000	25.36	77.84	0.00			
6/5/99 22:45	1018.88	30.09	0.000	25.09	77.17	0.00			
6/5/99 23:00	1019.00	30.09	0.000	24.57	76.23	0.00	0.00		
6/5/99 23:15	1019.00	30.09	0.000	24.31	75.76	0.00			
6/5/99 23:30	1019.13	30.09	0.000	24.05	75.29	0.00			
6/5/99 23:45	1019.25	30.10	0.000	24.05	75.29	0.00			
6/6/99 0:00	1019.25	30.10	0.000	24.05	75.29	0.00	0.00		
6/6/99 0:15	1019.25	30.10	0.000	23.79	74.82	0.00			
6/6/99 0:30	1019.25	30.10	0.000	23.53	74.35	0.00			
6/6/99 0:45	1019.38	30.10	0.000	23.27	73.88	0.00			
6/6/99 1:00	1019.50	30.11	0.000	23.00	73.41	0.00	0.00		
6/6/99 1:15	1019.63	30.11	0.000	23.00	73.41	0.00			
6/6/99 1:30	1019.63	30.11	0.000	23.27	73.88	0.00			
6/6/99 1:45	1019.63	30.11	0.000	23.00	73.41	0.00			
6/6/99 2:00	1019.75	30.11	0.000	23.27	73.88	0.00	0.00		
6/6/99 2:15	1019.88	30.12	0.000	23.00	73.41	0.00			
6/6/99 2:30	1019.88	30.12	0.000	23.00	73.41	0.00			
6/6/99 2:45	1020.00	30.12	0.000	22.74	72.94	0.00			
6/6/99 3:00	1020.00	30.12	0.000	22.74	72.94	0.00	0.00		
6/6/99 3:15	1020.13	30.12	0.000	22.74	72.94	0.00			
6/6/99 3:30	1020.25	30.13	0.000	22.74	72.94	0.00			
6/6/99 3:45	1020.38	30.13	0.000	22.74	72.94	0.00			
6/6/99 4:00	1020.63	30.14	0.000	22.48	72.47	0.00	0.00		
6/6/99 4:15	1020.63	30.14	0.000	22.74	72.94	0.00			
6/6/99 4:30	1020.63	30.14	0.000	22.46	72.47	0.00			
6/6/99 4:45	1020.75	30.14	0.000	22.48	72.47	0.00			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/3/99 17:30	1019.63	30.11	0.000	25.38	77.64	0.00			
6/3/99 17:45	1019.63	30.11	0.000	25.38	77.64	0.00			
6/3/99 18:00	1019.50	30.11	0.000	25.09	77.17	0.00	0.00		
6/3/99 18:15	1019.25	30.10	0.000	25.09	77.17	0.00			
6/3/99 18:30	1019.00	30.09	0.000	25.09	77.17	0.00			
6/3/99 18:45	1019.00	30.09	0.000	25.09	77.17	0.00			
6/3/99 19:00	1019.13	30.09	0.000	24.83	76.70	0.00	0.00		
6/3/99 19:15	1019.00	30.09	0.000	24.83	76.70	0.00			
6/3/99 19:30	1019.13	30.09	0.000	24.57	76.23	0.00			
6/3/99 19:45	1019.25	30.10	0.000	24.57	76.23	0.00			
6/3/99 20:00	1019.38	30.10	0.000	24.31	75.76	0.00	0.00		
6/3/99 20:15	1019.63	30.11	0.000	23.79	74.82	0.00			
6/3/99 20:30	1019.75	30.11	0.000	23.53	74.35	0.00			
6/3/99 20:45	1019.75	30.11	0.000	23.53	74.35	0.00			
6/3/99 21:00	1019.75	30.11	0.000	23.53	74.35	0.00	0.00		
6/3/99 21:15	1019.63	30.11	0.000	23.27	73.88	0.00			
6/3/99 21:30	1019.75	30.11	0.000	23.27	73.88	0.00			
6/3/99 21:45	1020.00	30.12	0.000	23.27	73.88	0.00			
6/3/99 22:00	1020.00	30.12	0.000	23.00	73.41	0.00	0.00		
6/3/99 22:15	1020.25	30.13	0.000	23.00	73.41	0.00			
6/3/99 22:30	1020.38	30.13	0.000	22.74	72.94	0.00			
6/3/99 22:45	1020.50	30.14	0.000	22.48	72.47	0.00			
6/3/99 23:00	1020.63	30.14	0.000	22.48	72.47	0.00	0.00		
6/3/99 23:15	1020.50	30.14	0.000	22.48	72.47	0.00			
6/3/99 23:30	1020.50	30.14	0.000	22.22	72.00	0.00			
6/3/99 23:45	1020.63	30.14	0.000	22.22	72.00	0.00			
6/4/99 0:00	1020.50	30.14	0.000	21.96	71.53	0.00	0.00		
6/4/99 0:15	1020.50	30.14	0.000	21.70	71.06	0.00			
6/4/99 0:30	1020.50	30.14	0.000	21.44	70.58	0.00			
6/4/99 0:45	1020.63	30.14	0.000	21.44	70.58	0.00			
6/4/99 1:00	1020.75	30.14	0.000	21.17	70.11	0.00	0.00		
6/4/99 1:15	1020.75	30.14	0.000	21.17	70.11	0.00			
6/4/99 1:30	1020.75	30.14	0.000	20.91	69.64	0.00			
6/4/99 1:45	1020.75	30.14	0.000	20.91	69.64	0.00			
6/4/99 2:00	1020.75	30.14	0.000	20.91	69.64	0.00	0.00		
6/4/99 2:15	1020.83	30.14	0.000	20.65	69.17	0.00			
6/4/99 2:30	1020.50	30.14	0.000	20.39	68.70	0.00			
6/4/99 2:45	1020.50	30.14	0.000	20.39	68.70	0.00			
6/4/99 3:00	1020.50	30.14	0.000	20.39	68.70	0.00	0.00		
6/4/99 3:15	1020.38	30.13	0.000	20.13	68.23	0.00			
6/4/99 3:30	1020.83	30.14	0.000	20.39	68.70	0.00			
6/4/99 3:45	1020.75	30.14	0.000	20.65	69.17	0.00			
6/4/99 4:00	1020.75	30.14	0.000	20.65	69.17	0.00	0.00		
6/4/99 4:15	1020.88	30.15	0.000	20.39	68.70	0.00			
6/4/99 4:30	1021.00	30.15	0.000	20.13	68.23	0.00			
6/4/99 4:45	1021.13	30.15	0.000	20.39	68.70	0.00			
6/4/99 5:00	1021.25	30.16	0.000	20.13	68.23	0.00	0.00		
6/4/99 5:15	1021.25	30.16	0.000	19.87	67.76	0.00			
6/4/99 5:30	1021.38	30.16	0.000	19.87	67.76	0.00			
6/4/99 5:45	1021.38	30.16	0.000	19.87	67.76	0.00			
6/4/99 6:00	1021.50	30.16	0.000	20.13	68.23	0.00	0.00		
6/4/99 6:15	1021.63	30.17	0.000	20.39	68.70	0.00			
6/4/99 6:30	1021.75	30.17	0.000	20.13	68.23	0.00			
6/4/99 6:45	1021.88	30.18	0.000	20.13	68.23	0.00			
6/4/99 7:00	1021.88	30.18	0.000	19.87	67.76	0.00	0.00		
6/4/99 7:15	1021.88	30.18	0.000	19.87	67.76	0.00			
6/4/99 7:30	1022.13	30.18	0.000	19.87	67.76	0.00			
6/4/99 7:45	1022.00	30.18	0.000	19.87	67.76	0.00			
6/4/99 8:00	1022.13	30.18	0.000	19.87	67.76	0.00	0.00		
6/4/99 8:15	1022.25	30.19	0.000	19.87	67.76	0.00			
6/4/99 8:30	1022.38	30.19	0.000	20.13	68.23	0.00			
6/4/99 8:45	1022.50	30.19	0.000	20.39	68.70	0.00			
6/4/99 9:00	1022.75	30.20	0.000	20.39	68.70	0.00	0.00		
6/4/99 9:15	1022.63	30.20	0.000	20.39	68.70	0.00			
6/4/99 9:30	1022.75	30.20	0.000	20.65	69.17	0.00			
6/4/99 9:45	1022.75	30.20	0.000	20.91	69.64	0.00			
6/4/99 10:00	1022.75	30.20	0.000	20.91	69.64	0.00	0.00		
6/4/99 10:15	1023.00	30.21	0.000	21.44	70.58	0.00			
6/4/99 10:30	1022.88	30.21	0.000	21.44	70.58	0.00			
6/4/99 10:45	1022.75	30.20	0.000	21.96	71.53	0.00			
6/4/99 11:00	1022.88	30.21	0.000	22.22	72.00	0.00	0.00		
6/4/99 11:15	1022.38	30.19	0.000	22.74	72.94	0.00			
6/4/99 11:30	1022.13	30.18	0.000	23.00	73.41	0.00			
6/4/99 11:45	1022.00	30.18	0.000	23.79	74.82	0.00			
6/4/99 12:00	1022.00	30.18	0.000	24.05	75.29	0.00	0.00		
6/4/99 12:15	1021.63	30.17	0.000	24.83	76.70	0.00			
6/4/99 12:30	1021.25	30.16	0.000	25.09	77.17	0.00			
6/4/99 12:45	1021.13	30.15	0.000	25.62	78.11	0.00			
6/4/99 13:00	1021.13	30.15	0.000	25.88	78.58	0.00	0.00		
6/4/99 13:15	1020.88	30.15	0.000	25.88	78.58	0.00			
6/4/99 13:30	1020.75	30.14	0.000	25.88	78.58	0.00			
6/4/99 13:45	1020.75	30.14	0.000	26.14	79.05	0.00			
6/4/99 14:00	1020.50	30.14	0.000	26.40	79.52	0.00	0.00		
6/4/99 14:15	1020.38	30.13	0.000	26.40	79.52	0.00			
6/4/99 14:30	1020.38	30.13	0.000	26.40	79.52	0.00			
6/4/99 14:45	1020.13	30.12	0.000	26.66	79.99	0.00			
6/4/99 15:00	1020.00	30.12	0.000	26.92	80.46	0.00	0.00		
6/4/99 15:15	1019.88	30.12	0.000	26.92	80.46	0.00			
6/4/99 15:30	1019.88	30.12	0.000	27.45	81.40	0.00			
6/4/99 15:45	1019.88	30.12	0.000	27.45	81.40	0.00			
6/4/99 16:00	1019.63	30.11	0.000	27.71	81.87	0.00	0.00		
6/4/99 16:15	1019.38	30.10	0.000	27.97	82.34	0.00			
6/4/99 16:30	1019.38	30.10	0.000	28.23	82.81	0.00			
6/4/99 16:45	1019.25	30.10	0.000	28.23	82.81	0.00			
6/4/99 17:00	1019.13	30.09	0.000	28.49	83.28	0.00	0.00		
6/4/99 17:15	1019.25	30.10	0.000	28.49	83.28	0.00			
6/4/99 17:30	1018.88	30.09	0.000	28.75	83.75	0.00			
6/4/99 17:45	1018.63	30.08	0.000	28.75	83.75	0.00			
6/4/99 18:00	1018.63	30.08	0.000	28.75	83.75	0.00	0.00		
6/4/99 18:15	1018.38	30.07	0.000	28.75	83.75	0.00			
6/4/99 18:30	1018.00	30.06	0.000	28.75	83.75	0.00			
6/4/99 18:45	1017.75	30.05	0.000	28.75	83.75	0.00			
6/4/99 19:00	1017.38	30.04	0.000	28.49	83.28	0.00	0.00		
6/4/99 19:15	1017.25	30.04	0.000	28.23	82.81	0.00			
6/4/99 19:30	1017.25	30.04	0.000	27.45	81.40	0.00			
6/4/99 19:45	1017.38	30.04	0.000	27.18	80.93	0.00			
6/4/99 20:00	1017.63	30.05	0.000	26.66	79.99	0.00	0.00		
6/4/99 20:15	1017.88	30.06	0.000	26.14	79.05	0.00			
6/4/99 20:30	1017.50	30.05	0.000	25.38	77.64	0.00			
6/4/99 20:45	1017.50	30.05	0.000	24.57	76.23	0.00			
6/4/99 21:00	1018.25	30.07	0.000	24.05	75.29	0.00	0.00		
6/4/99 21:15	1018.13	30.07	0.000	23.79	74.82	0.00			
6/4/99 21:30	1017.63	30.05	0.000	23.53	74.35	0.00			
6/4/99 21:45	1018.00	30.06	0.000	23.27	73.88	0.00			
6/4/99 22:00	1018.13	30.07	0.000	23.00	73.41	0.00	0.00		
6/4/99 22:15	1018.00	30.06	0.000	22.74	72.94	0.00			
6/4/99 22:30	1016.50	30.08	0.000	22.74	72.94	0.00			
6/4/99 22:45	1018.75	30.08	0.000	22.22	72.00	0.00			
6/4/99 23:00	1018.75	30.08	0.000	22.22	72.00	0.00	0.00		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/2/99 11:45	1011.88	29.88	0.000	21.96	71.53	0.00			
6/2/99 12:00	1012.00	29.88	0.000	22.22	72.00	0.00	0.00		
6/2/99 12:15	1012.00	29.88	0.000	22.48	72.47	0.00			
6/2/99 12:30	1011.88	29.88	0.000	23.00	73.41	0.00			
6/2/99 12:45	1011.88	29.88	0.000	23.53	74.35	0.00			
6/2/99 13:00	1012.00	29.88	0.000	24.05	75.29	0.00	0.00		
6/2/99 13:15	1012.00	29.88	0.000	24.57	76.23	0.00			
6/2/99 13:30	1012.13	29.89	0.000	25.09	77.17	0.00			
6/2/99 13:45	1012.13	29.89	0.000	25.36	77.64	0.00			
6/2/99 14:00	1012.25	29.89	0.000	25.88	78.58	0.00	0.00		
6/2/99 14:15	1012.25	29.89	0.000	26.14	79.05	0.00			
6/2/99 14:30	1012.13	29.89	0.000	26.66	79.99	0.00			
6/2/99 14:45	1012.25	29.89	0.000	26.92	80.46	0.00			
6/2/99 15:00	1012.38	29.90	0.000	27.45	81.40	0.00	0.00		
6/2/99 15:15	1012.50	29.90	0.000	27.71	81.87	0.00			
6/2/99 15:30	1012.50	29.90	0.000	28.23	82.81	0.00			
6/2/99 15:45	1012.75	29.91	0.000	28.49	83.28	0.00			
6/2/99 16:00	1012.75	29.91	0.000	28.49	83.28	0.00	0.00		
6/2/99 16:15	1012.75	29.91	0.000	28.75	83.75	0.00			
6/2/99 16:30	1012.75	29.91	0.000	29.01	84.22	0.00			
6/2/99 16:45	1012.88	29.91	0.000	29.01	84.22	0.00			
6/2/99 17:00	1012.88	29.91	0.000	28.75	83.75	0.00	0.00		
6/2/99 17:15	1013.13	29.92	0.000	28.75	83.75	0.00			
6/2/99 17:30	1013.25	29.92	0.000	28.75	83.75	0.00			
6/2/99 17:45	1013.50	29.93	0.000	28.49	83.28	0.00			
6/2/99 18:00	1013.63	29.93	0.000	28.49	83.28	0.00	0.00		
6/2/99 18:15	1013.75	29.94	0.000	27.97	82.34	0.00			
6/2/99 18:30	1013.75	29.94	0.000	27.45	81.40	0.00			
6/2/99 18:45	1014.00	29.94	0.000	27.18	80.93	0.00			
6/2/99 19:00	1014.13	29.95	0.000	26.92	80.46	0.00	0.00		
6/2/99 19:15	1014.38	29.95	0.000	26.66	79.99	0.00			
6/2/99 19:30	1014.50	29.96	0.000	26.40	79.52	0.00			
6/2/99 19:45	1014.63	29.96	0.000	26.14	79.05	0.00			
6/2/99 20:00	1014.75	29.97	0.000	25.88	78.58	0.00	0.00		
6/2/99 20:15	1014.88	29.97	0.000	25.36	77.64	0.00			
6/2/99 20:30	1015.13	29.98	0.000	25.09	77.17	0.00			
6/2/99 20:45	1015.38	29.98	0.000	24.83	76.70	0.00			
6/2/99 21:00	1015.63	29.99	0.000	24.57	76.23	0.00	0.00		
6/2/99 21:15	1015.75	30.00	0.000	24.31	75.76	0.00			
6/2/99 21:30	1016.00	30.00	0.000	24.05	75.29	0.00			
6/2/99 21:45	1016.25	30.01	0.000	23.53	74.35	0.00			
6/2/99 22:00	1016.38	30.01	0.000	23.53	74.35	0.00	0.00		
6/2/99 22:15	1016.63	30.02	0.000	23.53	74.35	0.00			
6/2/99 22:30	1016.63	30.02	0.000	23.53	74.35	0.00			
6/2/99 22:45	1016.75	30.02	0.000	23.53	74.35	0.00			
6/2/99 23:00	1017.00	30.03	0.000	23.27	73.88	0.00	0.00		
6/2/99 23:15	1017.00	30.03	0.000	23.27	73.88	0.00			
6/2/99 23:30	1017.13	30.04	0.000	23.00	73.41	0.00			
6/2/99 23:45	1017.25	30.04	0.000	23.27	73.88	0.00			
6/3/99 0:00	1017.25	30.04	0.000	23.00	73.41	0.00	0.00		
6/3/99 0:15	1017.25	30.04	0.000	23.27	73.88	0.00			
6/3/99 0:30	1017.38	30.04	0.000	23.00	73.41	0.00			
6/3/99 0:45	1017.38	30.04	0.000	22.74	72.94	0.00			
6/3/99 1:00	1017.50	30.05	0.000	22.74	72.94	0.00	0.00		
6/3/99 1:15	1017.50	30.05	0.000	22.74	72.94	0.00			
6/3/99 1:30	1017.63	30.05	0.000	22.74	72.94	0.00			
6/3/99 1:45	1017.63	30.05	0.000	22.74	72.94	0.00			
6/3/99 2:00	1017.75	30.05	0.000	22.48	72.47	0.00	0.00		
6/3/99 2:15	1017.88	30.06	0.000	22.74	72.94	0.00			
6/3/99 2:30	1017.88	30.06	0.000	22.22	72.00	0.00			
6/3/99 2:45	1017.88	30.06	0.000	22.48	72.47	0.00			
6/3/99 3:00	1017.88	30.06	0.000	22.22	72.00	0.00	0.00		
6/3/99 3:15	1017.88	30.06	0.000	22.22	72.00	0.00			
6/3/99 3:30	1018.00	30.06	0.000	22.22	72.00	0.00			
6/3/99 3:45	1018.00	30.06	0.000	22.22	72.00	0.00			
6/3/99 4:00	1018.00	30.06	0.000	21.96	71.53	0.00	0.00		
6/3/99 4:15	1018.13	30.07	0.000	21.70	71.06	0.00			
6/3/99 4:30	1018.38	30.07	0.000	21.70	71.06	0.00			
6/3/99 4:45	1018.63	30.08	0.000	21.44	70.58	0.00			
6/3/99 5:00	1018.75	30.08	0.000	21.44	70.58	0.00	0.00		
6/3/99 5:15	1018.75	30.08	0.000	21.44	70.58	0.00			
6/3/99 5:30	1019.00	30.09	0.000	21.44	70.58	0.00			
6/3/99 5:45	1019.25	30.10	0.000	21.44	70.58	0.00			
6/3/99 6:00	1019.38	30.10	0.000	21.44	70.58	0.00	0.00		
6/3/99 6:15	1019.75	30.11	0.000	21.44	70.58	0.00			
6/3/99 6:30	1019.88	30.12	0.000	21.44	70.58	0.00			
6/3/99 6:45	1020.00	30.12	0.000	21.17	70.11	0.00			
6/3/99 7:00	1020.00	30.12	0.000	21.17	70.11	0.00	0.00		
6/3/99 7:15	1019.75	30.11	0.000	21.17	70.11	0.00			
6/3/99 7:30	1019.88	30.12	0.000	21.17	70.11	0.00			
6/3/99 7:45	1019.88	30.12	0.000	21.17	70.11	0.00			
6/3/99 8:00	1019.75	30.11	0.000	21.17	70.11	0.00	0.00		
6/3/99 8:15	1019.75	30.11	0.000	21.17	70.11	0.00			
6/3/99 8:30	1020.00	30.12	0.000	21.17	70.11	0.00			
6/3/99 8:45	1020.00	30.12	0.000	21.44	70.58	0.00			
6/3/99 9:00	1020.00	30.12	0.000	21.70	71.06	0.00	0.00		
6/3/99 9:15	1020.00	30.12	0.000	21.96	71.53	0.00			
6/3/99 9:30	1020.00	30.12	0.000	22.22	72.00	0.00			
6/3/99 9:45	1020.13	30.12	0.000	22.48	72.47	0.00			
6/3/99 10:00	1020.25	30.13	0.000	22.74	72.94	0.00	0.00		
6/3/99 10:15	1020.38	30.13	0.000	23.00	73.41	0.00			
6/3/99 10:30	1020.38	30.13	0.000	23.27	73.88	0.00			
6/3/99 10:45	1020.38	30.13	0.000	23.79	74.82	0.00			
6/3/99 11:00	1020.50	30.14	0.000	24.31	75.76	0.00	0.00		
6/3/99 11:15	1020.63	30.14	0.000	24.57	76.23	0.00			
6/3/99 11:30	1020.63	30.14	0.000	25.09	77.17	0.00			
6/3/99 11:45	1020.63	30.14	0.000	25.88	78.58	0.00			
6/3/99 12:00	1020.88	30.15	0.000	25.88	78.58	0.00	0.00		
6/3/99 12:15	1021.00	30.15	0.000	25.62	78.11	0.00			
6/3/99 12:30	1021.00	30.15	0.000	25.88	78.58	0.00			
6/3/99 12:45	1020.88	30.15	0.000	25.62	78.11	0.00			
6/3/99 13:00	1020.88	30.15	0.000	25.62	78.11	0.00	0.00		
6/3/99 13:15	1020.63	30.14	0.000	25.88	78.58	0.00			
6/3/99 13:30	1020.63	30.14	0.000	25.62	78.11	0.00			
6/3/99 13:45	1020.63	30.14	0.000	25.09	77.17	0.00			
6/3/99 14:00	1020.50	30.14	0.000	25.09	77.17	0.00	0.00		
6/3/99 14:15	1020.50	30.14	0.000	25.09	77.17	0.00			
6/3/99 14:30	1020.38	30.13	0.000	25.09	77.17	0.00			
6/3/99 14:45	1020.25	30.13	0.000	25.09	77.17	0.00			
6/3/99 15:00	1020.13	30.12	0.000	25.09	77.17	0.00	0.00		
6/3/99 15:15	1020.13	30.12	0.000	25.36	77.64	0.00			
6/3/99 15:30	1020.13	30.12	0.000	25.36	77.64	0.00			
6/3/99 15:45	1020.13	30.12	0.000	25.36	77.64	0.00			
6/3/99 16:00	1020.13	30.12	0.000	25.09	77.17	0.00	0.00		
6/3/99 16:15	1019.88	30.12	0.000	25.36	77.64	0.00			
6/3/99 16:30	1019.75	30.11	0.000	25.09	77.17	0.00			
6/3/99 16:45	1019.75	30.11	0.000	25.09	77.17	0.00			
6/3/99 17:00	1019.75	30.11	0.000	25.36	77.64	0.00	0.00		
6/3/99 17:15	1019.63	30.11	0.000	25.36	77.64	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
6/1/99 6:00	1013.00	29.91	0.000	20.65	69.17	0.00	0.00		
6/1/99 6:15	1012.88	29.91	0.000	20.65	69.17	0.00			
6/1/99 6:30	1012.88	29.91	0.000	20.65	69.17	0.00			
6/1/99 6:45	1012.75	29.91	0.000	20.65	69.17	0.00			
6/1/99 7:00	1012.75	29.91	0.000	20.39	68.70	0.00	0.00		
6/1/99 7:15	1012.75	29.91	0.000	20.65	69.17	0.00			
6/1/99 7:30	1013.00	29.91	0.000	20.85	69.17	0.00			
6/1/99 7:45	1013.25	29.92	0.000	20.65	69.17	0.00			
6/1/99 8:00	1013.25	29.92	0.000	20.91	69.64	0.00	0.00		
6/1/99 8:15	1013.50	29.93	0.000	20.91	69.64	0.00			
6/1/99 8:30	1013.63	29.93	0.000	20.65	69.17	0.00			
6/1/99 8:45	1013.63	29.93	0.000	20.65	69.17	0.00			
6/1/99 9:00	1013.63	29.93	0.000	20.65	69.17	0.00	0.00		
6/1/99 9:15	1013.75	29.94	0.000	20.65	69.17	0.00			
6/1/99 9:30	1013.88	29.94	0.000	20.65	69.17	0.00			
6/1/99 9:45	1014.00	29.94	0.000	20.65	69.17	0.00			
6/1/99 10:00	1014.00	29.94	0.000	20.65	69.17	0.00	0.00		
6/1/99 10:15	1013.88	29.94	0.000	20.65	69.17	0.00			
6/1/99 10:30	1013.88	29.94	0.000	20.65	69.17	0.00			
6/1/99 10:45	1013.75	29.94	0.000	20.65	69.17	0.00			
6/1/99 11:00	1013.75	29.94	0.000	20.65	69.17	0.00	0.00		
6/1/99 11:15	1013.75	29.94	0.000	20.91	69.64	0.00			
6/1/99 11:30	1013.75	29.94	0.000	20.91	69.64	0.00			
6/1/99 11:45	1013.75	29.94	0.000	20.91	69.64	0.00			
6/1/99 12:00	1013.63	29.93	0.000	21.17	70.11	0.00	0.00		
6/1/99 12:15	1013.50	29.93	0.000	21.17	70.11	0.00			
6/1/99 12:30	1013.38	29.92	0.000	21.44	70.58	0.00			
6/1/99 12:45	1013.50	29.93	0.000	21.44	70.58	0.00			
6/1/99 13:00	1013.50	29.93	0.000	21.70	71.06	0.00	0.00		
6/1/99 13:15	1013.50	29.93	0.000	21.96	71.53	0.00			
6/1/99 13:30	1013.63	29.93	0.000	21.96	71.53	0.00			
6/1/99 13:45	1013.75	29.94	0.000	22.22	72.00	0.00			
6/1/99 14:00	1013.63	29.93	0.000	22.22	72.00	0.00	0.00		
6/1/99 14:15	1013.63	29.93	0.000	22.48	72.47	0.00			
6/1/99 14:30	1013.63	29.93	0.000	22.48	72.47	0.00			
6/1/99 14:45	1013.38	29.92	0.000	22.48	72.47	0.00			
6/1/99 15:00	1013.38	29.92	0.000	22.48	72.47	0.00	0.00		
6/1/99 15:15	1013.38	29.92	0.000	22.48	72.47	0.00			
6/1/99 15:30	1013.25	29.92	0.000	22.22	72.00	0.00			
6/1/99 15:45	1013.13	29.92	0.000	22.48	72.47	0.00			
6/1/99 16:00	1013.00	29.91	0.000	22.48	72.47	0.00	0.00		
6/1/99 16:15	1012.88	29.91	0.000	22.48	72.47	0.00			
6/1/99 16:30	1012.63	29.90	0.000	22.74	72.94	0.00			
6/1/99 16:45	1012.50	29.90	0.000	22.74	72.94	0.00			
6/1/99 17:00	1012.38	29.90	0.000	23.00	73.41	0.00	0.00		
6/1/99 17:15	1012.38	29.90	0.000	23.00	73.41	0.00			
6/1/99 17:30	1012.38	29.90	0.000	23.00	73.41	0.00			
6/1/99 17:45	1012.13	29.89	0.000	23.27	73.88	0.00			
6/1/99 18:00	1012.00	29.88	0.000	23.79	74.82	0.00	0.00		
6/1/99 18:15	1012.00	29.88	0.000	24.31	75.76	0.00			
6/1/99 18:30	1011.75	29.88	0.000	24.57	76.23	0.00			
6/1/99 18:45	1011.50	29.87	0.000	24.57	76.23	0.00			
6/1/99 19:00	1011.25	29.88	0.000	25.09	77.17	0.00	0.00		
6/1/99 19:15	1011.13	29.88	0.000	25.36	77.64	0.00			
6/1/99 19:30	1011.25	29.88	0.000	25.09	77.17	0.00			
6/1/99 19:45	1011.50	29.87	0.000	25.09	77.17	0.00			
6/1/99 20:00	1011.50	29.87	0.000	25.09	77.17	0.00	0.00		
6/1/99 20:15	1011.63	29.87	0.000	25.09	77.17	0.00			
6/1/99 20:30	1011.63	29.87	0.000	24.83	76.70	0.00			
6/1/99 20:45	1011.63	29.87	0.000	24.57	76.23	0.00			
6/1/99 21:00	1011.38	29.87	0.000	24.57	76.23	0.00	0.00		
6/1/99 21:15	1011.50	29.87	0.000	24.31	75.76	0.00			
6/1/99 21:30	1011.63	29.67	0.000	23.79	74.82	0.00			
6/1/99 21:45	1012.00	29.88	0.000	23.79	74.82	0.00			
6/1/99 22:00	1012.25	29.89	0.000	23.53	74.35	0.00	0.00		
6/1/99 22:15	1012.13	29.89	0.000	23.27	73.88	0.00			
6/1/99 22:30	1011.75	29.88	0.000	23.00	73.41	0.00			
6/1/99 22:45	1011.63	29.87	0.000	22.74	72.94	0.00			
6/1/99 23:00	1011.63	29.87	0.000	22.74	72.94	0.00	0.00		
6/1/99 23:15	1011.63	29.87	0.000	22.74	72.94	0.00			
6/1/99 23:30	1011.75	29.88	0.000	22.48	72.47	0.00			
6/1/99 23:45	1011.63	29.87	0.000	22.48	72.47	0.00			
6/2/99 0:00	1011.88	29.88	0.000	22.22	72.00	0.00	0.00		
6/2/99 0:15	1011.88	29.88	0.000	22.22	72.00	0.00			
6/2/99 0:30	1012.00	29.88	0.000	22.22	72.00	0.00			
6/2/99 0:45	1012.25	29.89	0.000	22.22	72.00	0.00			
6/2/99 1:00	1012.13	29.89	0.000	22.22	72.00	0.00	0.00		
6/2/99 1:15	1011.75	29.88	0.000	21.96	71.53	0.00			
6/2/99 1:30	1011.50	29.87	0.000	21.96	71.53	0.00			
6/2/99 1:45	1011.50	29.87	0.000	21.70	71.06	0.00			
6/2/99 2:00	1011.25	29.86	0.000	21.70	71.06	0.00	0.00		
6/2/99 2:15	1011.00	29.85	0.000	21.44	70.58	0.00			
6/2/99 2:30	1010.75	29.85	0.000	21.44	70.58	0.00			
6/2/99 2:45	1011.00	29.85	0.000	21.44	70.58	0.00			
6/2/99 3:00	1011.00	29.85	0.000	21.44	70.58	0.00	0.00		
6/2/99 3:15	1010.75	29.85	0.000	21.17	70.11	0.00			
6/2/99 3:30	1010.50	29.84	0.000	21.17	70.11	0.00			
6/2/99 3:45	1010.25	29.83	0.000	21.17	70.11	0.00			
6/2/99 4:00	1010.13	29.83	0.000	21.44	70.58	0.00	0.00		
6/2/99 4:15	1010.50	29.84	0.000	21.44	70.58	0.00			
6/2/99 4:30	1010.75	29.85	0.000	21.17	70.11	0.00			
6/2/99 4:45	1010.75	29.85	0.000	21.17	70.11	0.00			
6/2/99 5:00	1010.50	29.84	0.000	21.44	70.58	0.00	0.00		
6/2/99 5:15	1010.38	29.84	0.000	21.17	70.11	0.00			
6/2/99 5:30	1010.63	29.84	0.000	21.17	70.11	0.00			
6/2/99 5:45	1010.63	29.84	0.000	21.17	70.11	0.00			
6/2/99 6:00	1010.63	29.84	0.000	21.17	70.11	0.00	0.00		
6/2/99 6:15	1010.63	29.84	0.000	21.17	70.11	0.00			
6/2/99 6:30	1011.00	29.85	0.000	21.17	70.11	0.00			
6/2/99 6:45	1011.63	29.87	0.000	20.91	69.64	0.00			
6/2/99 7:00	1011.25	29.86	0.000	20.65	69.17	0.00	0.00		
6/2/99 7:15	1011.38	29.87	0.000	20.39	68.70	0.00			
6/2/99 7:30	1011.38	29.87	0.000	20.13	68.23	0.00			
6/2/99 7:45	1011.13	29.86	0.000	20.65	69.17	0.00			
6/2/99 8:00	1011.00	29.85	0.000	20.65	69.17	0.00	0.00		
6/2/99 8:15	1011.00	29.85	0.000	20.65	69.17	0.00			
6/2/99 8:30	1011.00	29.85	0.000	20.65	69.17	0.00			
6/2/99 8:45	1011.25	29.86	0.000	20.65	69.17	0.00			
6/2/99 9:00	1011.25	29.86	0.000	20.65	69.17	0.00	0.00		
6/2/99 9:15	1011.00	29.85	0.000	20.65	69.17	0.00			
6/2/99 9:30	1011.00	29.85	0.000	20.65	69.17	0.00			
6/2/99 9:45	1011.13	29.86	0.000	20.65	69.17	0.00			
6/2/99 10:00	1011.13	29.86	0.000	20.91	69.64	0.00	0.00		
6/2/99 10:15	1011.38	29.87	0.000	20.91	69.64	0.00			
6/2/99 10:30	1011.63	29.67	0.000	20.91	69.64	0.00			
6/2/99 10:45	1011.75	29.88	0.000	21.17	70.11	0.00			
6/2/99 11:00	1011.88	29.88	0.000	21.17	70.11	0.00	0.00		
6/2/99 11:15	1011.75	29.88	0.000	21.17	70.11	0.00			
6/2/99 11:30	1011.75	29.88	0.000	21.44	70.58	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/31/99 0:15	1019.63	30.11	0.000	21.96	71.53	0.00			
5/31/99 0:30	1019.50	30.11	0.000	21.96	71.53	0.00			
5/31/99 0:45	1019.50	30.11	0.000	21.96	71.53	0.00			
5/31/99 1:00	1019.38	30.10	0.000	21.70	71.06	0.00	0.00		
5/31/99 1:15	1019.13	30.09	0.000	21.44	70.58	0.00			
5/31/99 1:30	1019.13	30.09	0.000	21.44	70.58	0.00			
5/31/99 1:45	1019.00	30.09	0.000	21.44	70.58	0.00			
5/31/99 2:00	1019.00	30.09	0.000	21.44	70.58	0.00	0.00		
5/31/99 2:15	1019.00	30.09	0.000	21.44	70.58	0.00			
5/31/99 2:30	1018.88	30.09	0.000	21.17	70.11	0.00			
5/31/99 2:45	1018.75	30.08	0.000	21.17	70.11	0.00			
5/31/99 3:00	1018.63	30.08	0.000	20.91	69.64	0.00	0.00		
5/31/99 3:15	1018.50	30.08	0.000	20.91	69.64	0.00			
5/31/99 3:30	1018.25	30.07	0.000	20.91	69.64	0.00			
5/31/99 3:45	1018.00	30.06	0.000	20.91	69.64	0.00			
5/31/99 4:00	1017.88	30.06	0.000	20.65	69.17	0.00	0.00		
5/31/99 4:15	1017.75	30.05	0.000	20.65	69.17	0.00			
5/31/99 4:30	1017.75	30.05	0.000	20.65	69.17	0.00			
5/31/99 4:45	1017.63	30.05	0.000	20.91	69.64	0.00			
5/31/99 5:00	1017.88	30.06	0.000	20.65	69.17	0.00	0.00		
5/31/99 5:15	1018.13	30.07	0.000	20.65	69.17	0.00			
5/31/99 5:30	1018.25	30.07	0.000	20.65	69.17	0.00			
5/31/99 5:45	1018.25	30.07	0.000	20.65	69.17	0.00			
5/31/99 6:00	1018.25	30.07	0.000	20.65	69.17	0.00	0.00		
5/31/99 6:15	1018.25	30.07	0.000	20.39	68.70	0.00			
5/31/99 6:30	1018.38	30.07	0.000	20.39	68.70	0.00			
5/31/99 6:45	1018.25	30.07	0.000	20.39	68.70	0.00			
5/31/99 7:00	1018.38	30.07	0.000	20.39	68.70	0.00	0.00		
5/31/99 7:15	1018.38	30.07	0.000	20.39	68.70	0.00			
5/31/99 7:30	1018.50	30.08	0.000	20.13	68.23	0.00			
5/31/99 7:45	1018.50	30.08	0.000	20.39	68.70	0.00			
5/31/99 8:00	1018.38	30.07	0.000	20.39	68.70	0.00	0.00		
5/31/99 8:15	1018.38	30.07	0.000	20.39	68.70	0.00			
5/31/99 8:30	1018.25	30.07	0.000	20.39	68.70	0.00			
5/31/99 8:45	1018.25	30.07	0.000	20.65	69.17	0.00			
5/31/99 9:00	1018.25	30.07	0.000	20.65	69.17	0.00	0.00		
5/31/99 9:15	1018.38	30.07	0.000	20.91	69.64	0.00			
5/31/99 9:30	1018.50	30.08	0.000	20.91	69.64	0.00			
5/31/99 9:45	1018.50	30.08	0.000	20.91	69.64	0.00			
5/31/99 10:00	1018.38	30.07	0.000	20.91	69.64	0.00	0.00		
5/31/99 10:15	1018.25	30.07	0.000	21.17	70.11	0.00			
5/31/99 10:30	1018.00	30.06	0.000	21.44	70.58	0.00			
5/31/99 10:45	1017.75	30.05	0.000	21.70	71.06	0.00			
5/31/99 11:00	1017.75	30.05	0.000	21.96	71.53	0.00	0.00		
5/31/99 11:15	1017.75	30.05	0.000	21.96	71.53	0.00			
5/31/99 11:30	1017.63	30.05	0.000	22.48	72.47	0.00			
5/31/99 11:45	1017.50	30.05	0.000	22.48	72.47	0.00			
5/31/99 12:00	1017.25	30.04	0.000	23.00	73.41	0.00	0.00		
5/31/99 12:15	1017.00	30.03	0.000	23.79	74.82	0.00			
5/31/99 12:30	1017.00	30.03	0.000	24.31	75.76	0.00			
5/31/99 12:45	1017.00	30.03	0.000	24.83	76.70	0.00			
5/31/99 13:00	1017.00	30.03	0.000	25.09	77.17	0.00	0.00		
5/31/99 13:15	1016.88	30.03	0.000	25.36	77.64	0.00			
5/31/99 13:30	1016.88	30.03	0.000	25.62	78.11	0.00			
5/31/99 13:45	1016.75	30.02	0.000	25.62	78.11	0.00			
5/31/99 14:00	1016.75	30.02	0.000	25.62	78.11	0.00	0.00		
5/31/99 14:15	1016.50	30.02	0.000	25.36	77.64	0.00			
5/31/99 14:30	1016.38	30.01	0.000	25.09	77.17	0.00			
5/31/99 14:45	1016.38	30.01	0.000	25.09	77.17	0.00			
5/31/99 15:00	1016.25	30.01	0.000	25.09	77.17	0.00	0.00		
5/31/99 15:15	1016.25	30.01	0.000	25.09	77.17	0.00			
5/31/99 15:30	1016.50	30.02	0.000	25.09	77.17	0.00			
5/31/99 15:45	1016.63	30.02	0.000	24.57	76.23	0.00			
5/31/99 16:00	1016.38	30.01	0.000	23.79	74.82	0.00	0.00		
5/31/99 16:15	1016.13	30.01	0.000	23.53	74.35	0.00			
5/31/99 16:30	1015.88	30.00	0.000	23.53	74.35	0.00			
5/31/99 16:45	1015.63	29.99	0.000	23.53	74.35	0.00			
5/31/99 17:00	1015.50	29.99	0.000	23.53	74.35	0.00	0.00		
5/31/99 17:15	1015.25	29.98	0.000	23.53	74.35	0.00			
5/31/99 17:30	1015.13	29.98	0.000	23.79	74.82	0.00			
5/31/99 17:45	1014.75	29.97	0.000	23.79	74.82	0.00			
5/31/99 18:00	1014.75	29.97	0.000	23.79	74.82	0.00	0.00		
5/31/99 18:15	1014.75	29.97	0.000	23.79	74.82	0.00			
5/31/99 18:30	1014.75	29.97	0.000	23.79	74.82	0.00			
5/31/99 18:45	1014.63	29.96	0.000	23.53	74.35	0.00			
5/31/99 19:00	1014.63	29.96	0.000	23.27	73.88	0.00	0.00		
5/31/99 19:15	1014.63	29.96	0.000	23.00	73.41	0.00			
5/31/99 19:30	1014.63	29.96	0.000	23.00	73.41	0.00			
5/31/99 19:45	1014.50	29.96	0.000	22.74	72.94	0.00			
5/31/99 20:00	1014.50	29.96	0.000	22.74	72.94	0.00	0.00		
5/31/99 20:15	1014.50	29.96	0.000	22.74	72.94	0.00			
5/31/99 20:30	1014.25	29.95	0.000	22.48	72.47	0.00			
5/31/99 20:45	1014.25	29.95	0.000	22.22	72.00	0.00			
5/31/99 21:00	1014.13	29.95	0.000	21.96	71.53	0.00	0.00		
5/31/99 21:15	1014.13	29.95	0.000	22.22	72.00	0.00			
5/31/99 21:30	1014.50	29.96	0.000	22.22	72.00	0.00			
5/31/99 21:45	1014.75	29.97	0.000	22.22	72.00	0.00			
5/31/99 22:00	1014.75	29.97	0.000	22.22	72.00	0.00	0.00		
5/31/99 22:15	1015.00	29.97	0.000	22.22	72.00	0.00			
5/31/99 22:30	1014.88	29.97	0.000	22.22	72.00	0.00			
5/31/99 22:45	1014.75	29.97	0.000	21.96	71.53	0.00			
5/31/99 23:00	1014.88	29.97	0.000	21.96	71.53	0.00	0.00		
5/31/99 23:15	1014.75	29.97	0.000	21.70	71.06	0.00			
5/31/99 23:30	1014.75	29.97	0.000	21.70	71.06	0.00			
5/31/99 23:45	1014.75	29.97	0.000	21.96	71.53	0.00			
6/1/99 0:00	1014.63	29.96	0.000	21.96	71.53	0.00	0.00		
6/1/99 0:15	1014.63	29.96	0.000	21.96	71.53	0.00			
6/1/99 0:30	1014.50	29.96	0.000	21.70	71.06	0.00			
6/1/99 0:45	1014.50	29.96	0.000	21.44	70.58	0.00			
6/1/99 1:00	1014.50	29.96	0.000	21.17	70.11	0.00	0.00		
6/1/99 1:15	1014.50	29.96	0.000	21.17	70.11	0.00			
6/1/99 1:30	1014.50	29.96	0.000	21.17	70.11	0.00			
6/1/99 1:45	1014.25	29.95	0.000	21.44	70.58	0.00			
6/1/99 2:00	1014.00	29.94	0.000	21.44	70.58	0.00	0.00		
6/1/99 2:15	1013.88	29.94	0.000	21.44	70.58	0.00			
6/1/99 2:30	1013.75	29.94	0.000	21.44	70.58	0.00			
6/1/99 2:45	1013.63	29.93	0.000	21.17	70.11	0.00			
6/1/99 3:00	1013.63	29.93	0.000	21.17	70.11	0.00	0.00		
6/1/99 3:15	1013.50	29.93	0.000	21.17	70.11	0.00			
6/1/99 3:30	1013.25	29.92	0.000	20.91	69.64	0.00			
6/1/99 3:45	1013.25	29.92	0.000	20.91	69.64	0.00			
6/1/99 4:00	1013.13	29.92	0.000	20.91	69.64	0.00	0.00		
6/1/99 4:15	1013.00	29.91	0.000	20.65	69.17	0.00			
6/1/99 4:30	1013.13	29.92	0.000	20.65	69.17	0.00			
6/1/99 4:45	1013.13	29.92	0.000	20.65	69.17	0.00			
6/1/99 5:00	1013.00	29.91	0.000	20.91	69.64	0.00	0.00		
6/1/99 5:15	1013.25	29.92	0.000	20.91	69.64	0.00			
6/1/99 5:30	1013.25	29.92	0.000	20.91	69.64	0.00			
6/1/99 5:45	1013.13	29.92	0.000	20.65	69.17	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/29/99 18:30	1020.88	30.15	0.000	30.84	87.52	0.00			
5/29/99 18:45	1020.75	30.14	0.000	30.58	87.05	0.00			
5/29/99 19:00	1020.75	30.14	0.000	30.06	86.11	0.00	0.00		
5/29/99 19:15	1021.00	30.15	0.000	29.54	85.18	0.00			
5/29/99 19:30	1021.00	30.15	0.000	29.27	84.89	0.00			
5/29/99 19:45	1021.00	30.15	0.000	28.75	83.75	0.00			
5/29/99 20:00	1021.00	30.15	0.000	27.97	82.34	0.00	0.00		
5/29/99 20:15	1021.13	30.15	0.000	27.18	80.93	0.00			
5/29/99 20:30	1021.13	30.15	0.000	26.40	79.52	0.00			
5/29/99 20:45	1021.25	30.16	0.000	25.62	78.11	0.00			
5/29/99 21:00	1021.38	30.16	0.000	24.83	76.70	0.00	0.00		
5/29/99 21:15	1021.50	30.16	0.000	24.57	76.23	0.00			
5/29/99 21:30	1021.50	30.16	0.000	24.05	75.29	0.00			
5/29/99 21:45	1021.75	30.17	0.000	23.79	74.82	0.00			
5/29/99 22:00	1022.00	30.18	0.000	23.27	73.88	0.00	0.00		
5/29/99 22:15	1022.13	30.18	0.000	23.00	73.41	0.00			
5/29/99 22:30	1022.25	30.19	0.000	22.74	72.94	0.00			
5/29/99 22:45	1022.50	30.19	0.000	22.48	72.47	0.00			
5/29/99 23:00	1022.63	30.20	0.000	22.22	72.00	0.00	0.00		
5/29/99 23:15	1022.75	30.20	0.000	21.96	71.53	0.00			
5/29/99 23:30	1022.75	30.20	0.000	21.44	70.58	0.00			
5/29/99 23:45	1022.75	30.20	0.000	21.17	70.11	0.00			
5/30/99 0:00	1022.88	30.21	0.000	21.17	70.11	0.00	0.00		
5/30/99 0:15	1022.75	30.20	0.000	20.91	69.64	0.00			
5/30/99 0:30	1022.75	30.20	0.000	20.65	69.17	0.00			
5/30/99 0:45	1022.75	30.20	0.000	20.39	68.70	0.00			
5/30/99 1:00	1022.75	30.20	0.000	20.39	68.70	0.00	0.00		
5/30/99 1:15	1022.75	30.20	0.000	19.87	67.76	0.00			
5/30/99 1:30	1022.75	30.20	0.000	19.61	67.29	0.00			
5/30/99 1:45	1022.75	30.20	0.000	19.35	66.82	0.00			
5/30/99 2:00	1022.75	30.20	0.000	19.81	67.29	0.00	0.00		
5/30/99 2:15	1022.75	30.20	0.000	19.81	67.29	0.00			
5/30/99 2:30	1022.75	30.20	0.000	19.81	67.29	0.00			
5/30/99 2:45	1022.75	30.20	0.000	19.61	67.29	0.00			
5/30/99 3:00	1022.88	30.21	0.000	19.35	66.82	0.00	0.00		
5/30/99 3:15	1022.88	30.21	0.000	19.08	66.35	0.00			
5/30/99 3:30	1023.00	30.21	0.000	19.08	66.35	0.00			
5/30/99 3:45	1023.00	30.21	0.000	18.82	65.88	0.00			
5/30/99 4:00	1023.00	30.21	0.000	19.08	66.35	0.00	0.00		
5/30/99 4:15	1023.00	30.21	0.000	19.08	66.35	0.00			
5/30/99 4:30	1023.00	30.21	0.000	19.08	66.35	0.00			
5/30/99 4:45	1023.00	30.21	0.000	19.08	66.35	0.00			
5/30/99 5:00	1023.00	30.21	0.000	18.82	65.88	0.00	0.00		
5/30/99 5:15	1023.13	30.21	0.000	18.30	64.94	0.00			
5/30/99 5:30	1023.13	30.21	0.000	18.30	64.94	0.00			
5/30/99 5:45	1023.25	30.22	0.000	18.56	65.41	0.00			
5/30/99 6:00	1023.38	30.22	0.000	18.56	65.41	0.00	0.00		
5/30/99 6:15	1023.50	30.22	0.000	18.82	65.88	0.00			
5/30/99 6:30	1023.50	30.22	0.000	18.30	64.94	0.00			
5/30/99 6:45	1023.63	30.23	0.000	18.30	64.94	0.00			
5/30/99 7:00	1023.75	30.23	0.000	17.78	64.00	0.00	0.00		
5/30/99 7:15	1024.00	30.24	0.000	18.04	64.47	0.00			
5/30/99 7:30	1024.00	30.24	0.000	18.56	65.41	0.00			
5/30/99 7:45	1024.25	30.25	0.000	19.08	66.35	0.00			
5/30/99 8:00	1024.25	30.25	0.000	19.08	66.35	0.00	0.00		
5/30/99 8:15	1024.25	30.25	0.000	19.08	66.35	0.00			
5/30/99 8:30	1024.25	30.25	0.000	19.08	66.35	0.00			
5/30/99 8:45	1024.25	30.25	0.000	19.35	66.82	0.00			
5/30/99 9:00	1024.25	30.25	0.000	19.61	67.29	0.00	0.00		
5/30/99 9:15	1024.25	30.25	0.000	19.87	67.76	0.00			
5/30/99 9:30	1024.25	30.25	0.000	20.13	68.23	0.00			
5/30/99 9:45	1024.25	30.25	0.000	20.65	69.17	0.00			
5/30/99 10:00	1024.13	30.24	0.000	20.91	69.64	0.00	0.00		
5/30/99 10:15	1024.13	30.24	0.000	21.44	70.58	0.00			
5/30/99 10:30	1024.00	30.24	0.000	21.96	71.53	0.00			
5/30/99 10:45	1023.88	30.23	0.000	22.48	72.47	0.00			
5/30/99 11:00	1023.75	30.23	0.000	22.74	72.94	0.00	0.00		
5/30/99 11:15	1023.50	30.22	0.000	23.53	74.35	0.00			
5/30/99 11:30	1023.38	30.22	0.000	24.31	75.76	0.00			
5/30/99 11:45	1023.38	30.22	0.000	24.83	76.70	0.00			
5/30/99 12:00	1023.25	30.22	0.000	25.62	78.11	0.00	0.00		
5/30/99 12:15	1023.25	30.22	0.000	26.14	79.05	0.00			
5/30/99 12:30	1023.13	30.21	0.000	26.66	79.99	0.00			
5/30/99 12:45	1023.00	30.21	0.000	26.92	80.46	0.00			
5/30/99 13:00	1022.75	30.20	0.000	27.45	81.40	0.00	0.00		
5/30/99 13:15	1022.75	30.20	0.000	27.71	81.87	0.00			
5/30/99 13:30	1022.63	30.20	0.000	28.23	82.81	0.00			
5/30/99 13:45	1022.50	30.19	0.000	28.75	83.75	0.00			
5/30/99 14:00	1022.38	30.19	0.000	29.01	84.22	0.00	0.00		
5/30/99 14:15	1022.13	30.18	0.000	29.54	85.18	0.00			
5/30/99 14:30	1021.88	30.18	0.000	29.54	85.18	0.00			
5/30/99 14:45	1021.75	30.17	0.000	29.80	85.64	0.00			
5/30/99 15:00	1021.50	30.16	0.000	30.06	86.11	0.00	0.00		
5/30/99 15:15	1021.38	30.16	0.000	30.06	86.11	0.00			
5/30/99 15:30	1021.25	30.16	0.000	30.32	86.58	0.00			
5/30/99 15:45	1021.00	30.15	0.000	29.80	85.64	0.00			
5/30/99 16:00	1020.75	30.14	0.000	30.06	86.11	0.00	0.00		
5/30/99 16:15	1020.50	30.14	0.000	30.06	86.11	0.00			
5/30/99 16:30	1020.38	30.13	0.000	30.06	86.11	0.00			
5/30/99 16:45	1020.25	30.13	0.000	30.06	86.11	0.00			
5/30/99 17:00	1020.00	30.12	0.000	30.06	86.11	0.00	0.00		
5/30/99 17:15	1019.88	30.12	0.000	30.06	86.11	0.00			
5/30/99 17:30	1019.75	30.11	0.000	30.06	86.11	0.00			
5/30/99 17:45	1019.50	30.11	0.000	29.80	85.64	0.00			
5/30/99 18:00	1019.50	30.11	0.000	29.54	85.18	0.00	0.00		
5/30/99 18:15	1019.50	30.11	0.000	29.27	84.69	0.00			
5/30/99 18:30	1019.50	30.11	0.000	29.01	84.22	0.00			
5/30/99 18:45	1019.25	30.10	0.000	26.49	83.28	0.00			
5/30/99 19:00	1019.13	30.09	0.000	27.97	82.34	0.00	0.00		
5/30/99 19:15	1019.13	30.09	0.000	27.18	80.93	0.00			
5/30/99 19:30	1019.25	30.10	0.000	26.66	79.99	0.00			
5/30/99 19:45	1019.25	30.10	0.000	26.40	79.52	0.00			
5/30/99 20:00	1019.38	30.10	0.000	25.88	78.58	0.00	0.00		
5/30/99 20:15	1019.38	30.10	0.000	25.36	77.64	0.00			
5/30/99 20:30	1019.50	30.11	0.000	24.83	76.70	0.00			
5/30/99 20:45	1019.38	30.10	0.000	24.31	75.76	0.00			
5/30/99 21:00	1019.38	30.10	0.000	23.79	74.82	0.00	0.00		
5/30/99 21:15	1019.38	30.10	0.000	23.27	73.88	0.00			
5/30/99 21:30	1019.25	30.10	0.000	23.27	73.88	0.00			
5/30/99 21:45	1019.25	30.10	0.000	23.27	73.88	0.00			
5/30/99 22:00	1019.38	30.10	0.000	23.00	73.41	0.00	0.00		
5/30/99 22:15	1019.50	30.11	0.000	22.74	72.94	0.00			
5/30/99 22:30	1019.50	30.11	0.000	22.48	72.47	0.00			
5/30/99 22:45	1019.63	30.11	0.000	22.74	72.94	0.00			
5/30/99 23:00	1019.75	30.11	0.000	22.48	72.47	0.00	0.00		
5/30/99 23:15	1019.75	30.11	0.000	22.48	72.47	0.00			
5/30/99 23:30	1019.75	30.11	0.000	22.22	72.00	0.00			
5/30/99 23:45	1019.75	30.11	0.000	22.22	72.00	0.00			
5/31/99 0:00	1019.75	30.11	0.000	21.96	71.53	0.00	0.00		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/28/99 12:45	1021.50	30.16	0.000	24.31	75.76	0.00			
5/28/99 13:00	1021.25	30.16	0.000	24.83	76.70	0.00	0.00		
5/28/99 13:15	1021.13	30.15	0.000	25.36	77.64	0.00			
5/28/99 13:30	1021.00	30.15	0.000	25.88	78.58	0.00			
5/28/99 13:45	1020.88	30.15	0.000	26.40	79.52	0.00			
5/28/99 14:00	1020.75	30.14	0.000	26.92	80.46	0.00	0.00		
5/28/99 14:15	1020.63	30.14	0.000	27.18	80.93	0.00			
5/28/99 14:30	1020.50	30.14	0.000	27.45	81.40	0.00			
5/28/99 14:45	1020.50	30.14	0.000	27.97	82.34	0.00			
5/28/99 15:00	1020.38	30.13	0.000	28.23	82.81	0.00	0.00		
5/28/99 15:15	1020.25	30.13	0.000	28.75	83.75	0.00			
5/28/99 15:30	1020.25	30.13	0.000	28.75	83.75	0.00			
5/28/99 15:45	1020.13	30.12	0.000	29.27	84.69	0.00			
5/28/99 16:00	1020.00	30.12	0.000	28.75	83.75	0.00	0.00		
5/28/99 16:15	1019.88	30.12	0.000	29.27	84.69	0.00			
5/28/99 16:30	1019.75	30.11	0.000	29.54	85.16	0.00			
5/28/99 16:45	1019.75	30.11	0.000	28.75	83.75	0.00			
5/28/99 17:00	1019.50	30.11	0.000	29.27	84.69	0.00	0.00		
5/28/99 17:15	1019.50	30.11	0.000	30.06	86.11	0.00			
5/28/99 17:30	1019.50	30.11	0.000	29.80	85.64	0.00			
5/28/99 17:45	1019.50	30.11	0.000	30.06	86.11	0.00			
5/28/99 18:00	1019.38	30.10	0.000	30.06	86.11	0.00	0.00		
5/28/99 18:15	1019.25	30.10	0.000	29.80	85.64	0.00			
5/28/99 18:30	1019.25	30.10	0.000	29.80	85.64	0.00			
5/28/99 18:45	1019.38	30.10	0.000	29.27	84.69	0.00			
5/28/99 19:00	1019.38	30.10	0.000	29.27	84.69	0.00	0.00		
5/28/99 19:15	1019.25	30.10	0.000	29.01	84.22	0.00			
5/28/99 19:30	1019.25	30.10	0.000	28.49	83.28	0.00			
5/28/99 19:45	1019.38	30.10	0.000	27.97	82.34	0.00			
5/28/99 20:00	1019.50	30.11	0.000	27.18	80.93	0.00	0.00		
5/28/99 20:15	1019.50	30.11	0.000	26.66	79.99	0.00			
5/28/99 20:30	1019.63	30.11	0.000	25.88	78.58	0.00			
5/28/99 20:45	1019.75	30.11	0.000	24.83	76.70	0.00			
5/28/99 21:00	1019.88	30.12	0.000	24.31	75.76	0.00	0.00		
5/28/99 21:15	1020.00	30.12	0.000	24.05	75.29	0.00			
5/28/99 21:30	1020.00	30.12	0.000	23.79	74.82	0.00			
5/28/99 21:45	1020.25	30.13	0.000	23.27	73.88	0.00			
5/28/99 22:00	1020.38	30.13	0.000	22.74	72.94	0.00	0.00		
5/28/99 22:15	1020.50	30.14	0.000	22.48	72.47	0.00			
5/28/99 22:30	1020.63	30.14	0.000	22.22	72.00	0.00			
5/28/99 22:45	1020.75	30.14	0.000	21.96	71.53	0.00			
5/28/99 23:00	1020.88	30.15	0.000	21.44	70.58	0.00	0.00		
5/28/99 23:15	1021.00	30.15	0.000	21.44	70.58	0.00			
5/28/99 23:30	1021.00	30.15	0.000	20.91	69.64	0.00			
5/28/99 23:45	1021.00	30.15	0.000	20.91	69.64	0.00			
5/29/99 0:00	1021.00	30.15	0.000	20.39	68.70	0.00	0.00		
5/29/99 0:15	1021.00	30.15	0.000	20.13	68.23	0.00			
5/29/99 0:30	1021.00	30.15	0.000	19.87	87.76	0.00			
5/29/99 0:45	1021.00	30.15	0.000	19.61	67.29	0.00			
5/29/99 1:00	1021.13	30.15	0.000	19.61	67.29	0.00	0.00		
5/29/99 1:15	1021.25	30.16	0.000	19.61	67.29	0.00			
5/29/99 1:30	1021.25	30.16	0.000	19.61	67.29	0.00			
5/29/99 1:45	1021.25	30.16	0.000	19.61	67.29	0.00			
5/29/99 2:00	1021.25	30.16	0.000	19.35	66.82	0.00	0.00		
5/29/99 2:15	1021.25	30.16	0.000	19.08	66.35	0.00			
5/29/99 2:30	1021.25	30.16	0.000	19.08	66.35	0.00			
5/29/99 2:45	1021.25	30.16	0.000	19.08	66.35	0.00			
5/29/99 3:00	1021.25	30.16	0.000	19.08	66.35	0.00	0.00		
5/29/99 3:15	1021.25	30.16	0.000	19.08	66.35	0.00			
5/29/99 3:30	1021.25	30.16	0.000	19.08	66.35	0.00			
5/29/99 3:45	1021.38	30.16	0.000	18.82	65.88	0.00			
5/29/99 4:00	1021.50	30.16	0.000	18.30	64.94	0.00	0.00		
5/29/99 4:15	1021.50	30.16	0.000	18.30	64.94	0.00			
5/29/99 4:30	1021.63	30.17	0.000	18.30	64.94	0.00			
5/29/99 4:45	1021.75	30.17	0.000	18.82	65.88	0.00			
5/29/99 5:00	1021.88	30.18	0.000	18.82	65.88	0.00	0.00		
5/29/99 5:15	1022.00	30.18	0.000	18.30	64.94	0.00			
5/29/99 5:30	1022.00	30.18	0.000	18.04	64.47	0.00			
5/29/99 5:45	1022.00	30.18	0.000	18.04	64.47	0.00			
5/29/99 6:00	1022.25	30.19	0.000	18.04	64.47	0.00	0.00		
5/29/99 6:15	1022.50	30.19	0.000	18.04	64.47	0.00			
5/29/99 6:30	1022.63	30.20	0.000	18.30	64.94	0.00			
5/29/99 6:45	1022.75	30.20	0.000	18.30	64.94	0.00			
5/29/99 7:00	1022.88	30.21	0.000	18.04	64.47	0.00	0.00		
5/29/99 7:15	1023.00	30.21	0.000	17.78	64.00	0.00			
5/29/99 7:30	1023.00	30.21	0.000	18.04	64.47	0.00			
5/29/99 7:45	1023.25	30.22	0.000	18.30	64.94	0.00			
5/29/99 8:00	1023.25	30.22	0.000	18.82	65.88	0.00	0.00		
5/29/99 8:15	1023.38	30.22	0.000	18.82	65.88	0.00			
5/29/99 8:30	1023.50	30.22	0.000	19.08	66.35	0.00			
5/29/99 8:45	1023.63	30.23	0.000	19.08	66.35	0.00			
5/29/99 9:00	1023.63	30.23	0.000	19.35	66.82	0.00	0.00		
5/29/99 9:15	1023.75	30.23	0.000	19.61	67.29	0.00			
5/29/99 9:30	1023.75	30.23	0.000	19.87	67.76	0.00			
5/29/99 9:45	1023.88	30.23	0.000	20.13	68.23	0.00			
5/29/99 10:00	1023.88	30.23	0.000	20.65	69.17	0.00	0.00		
5/29/99 10:15	1023.88	30.23	0.000	21.17	70.11	0.00			
5/29/99 10:30	1023.88	30.23	0.000	21.70	71.06	0.00			
5/29/99 10:45	1023.88	30.23	0.000	22.22	72.00	0.00			
5/29/99 11:00	1023.88	30.23	0.000	22.74	72.94	0.00	0.00		
5/29/99 11:15	1023.88	30.23	0.000	23.27	73.88	0.00			
5/29/99 11:30	1023.75	30.23	0.000	24.31	75.76	0.00			
5/29/99 11:45	1023.63	30.23	0.000	25.09	77.17	0.00			
5/29/99 12:00	1023.63	30.23	0.000	25.82	78.11	0.00	0.00		
5/29/99 12:15	1023.50	30.22	0.000	26.14	79.05	0.00			
5/29/99 12:30	1023.25	30.22	0.000	26.40	79.52	0.00			
5/29/99 12:45	1023.25	30.22	0.000	26.92	80.46	0.00			
5/29/99 13:00	1023.13	30.21	0.000	27.18	80.93	0.00	0.00		
5/29/99 13:15	1023.00	30.21	0.000	27.45	81.40	0.00			
5/29/99 13:30	1023.00	30.21	0.000	27.97	82.34	0.00			
5/29/99 13:45	1022.88	30.21	0.000	28.23	82.81	0.00			
5/29/99 14:00	1022.75	30.20	0.000	28.75	83.75	0.00	0.00		
5/29/99 14:15	1022.75	30.20	0.000	28.75	83.75	0.00			
5/29/99 14:30	1022.63	30.20	0.000	29.27	84.89	0.00			
5/29/99 14:45	1022.38	30.19	0.000	29.27	84.89	0.00			
5/29/99 15:00	1022.25	30.19	0.000	29.80	85.64	0.00	0.00		
5/29/99 15:15	1022.25	30.19	0.000	30.06	86.11	0.00			
5/29/99 15:30	1022.13	30.18	0.000	30.58	87.05	0.00			
5/29/99 15:45	1022.00	30.18	0.000	31.10	87.99	0.00			
5/29/99 16:00	1021.75	30.17	0.000	30.84	87.52	0.00	0.00		
5/29/99 16:15	1021.63	30.17	0.000	30.84	87.52	0.00			
5/29/99 16:30	1021.50	30.16	0.000	31.10	87.99	0.00			
5/29/99 16:45	1021.38	30.16	0.000	31.10	87.99	0.00			
5/29/99 17:00	1021.38	30.16	0.000	31.10	87.99	0.00	0.00		
5/29/99 17:15	1021.25	30.16	0.000	31.10	87.99	0.00			
5/29/99 17:30	1021.13	30.15	0.000	31.10	87.99	0.00			
5/29/99 17:45	1021.13	30.15	0.000	31.10	87.99	0.00			
5/29/99 18:00	1021.00	30.15	0.000	31.10	87.99	0.00	0.00		
5/29/99 18:15	1021.00	30.15	0.000	31.10	87.99	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/27/99 7:00	1020.13	30.12	0.000	16.47	61.65	0.00	0.00		
5/27/99 7:15	1020.25	30.13	0.000	16.47	61.65	0.00			
5/27/99 7:30	1020.50	30.14	0.000	16.47	61.65	0.00			
5/27/99 7:45	1020.50	30.14	0.000	16.73	62.12	0.00			
5/27/99 8:00	1020.75	30.14	0.000	16.99	62.59	0.00	0.00		
5/27/99 8:15	1020.75	30.14	0.000	17.26	63.06	0.00			
5/27/99 8:30	1020.88	30.15	0.000	17.52	63.53	0.00			
5/27/99 8:45	1020.75	30.14	0.000	17.78	64.00	0.00			
5/27/99 9:00	1020.75	30.14	0.000	17.78	64.00	0.00	0.00		
5/27/99 9:15	1020.88	30.15	0.000	17.78	64.00	0.00			
5/27/99 9:30	1020.88	30.15	0.000	18.04	64.47	0.00			
5/27/99 9:45	1020.75	30.14	0.000	18.04	64.47	0.00			
5/27/99 10:00	1020.88	30.15	0.000	18.82	65.88	0.00	0.00		
5/27/99 10:15	1021.00	30.15	0.000	19.35	66.82	0.00			
5/27/99 10:30	1021.13	30.15	0.000	19.87	67.76	0.00			
5/27/99 10:45	1021.13	30.15	0.000	20.13	68.23	0.00			
5/27/99 11:00	1021.00	30.15	0.000	20.65	69.17	0.00	0.00		
5/27/99 11:15	1021.00	30.15	0.000	20.91	69.64	0.00			
5/27/99 11:30	1021.13	30.15	0.000	21.17	70.11	0.00			
5/27/99 11:45	1021.13	30.15	0.000	21.44	70.58	0.00			
5/27/99 12:00	1021.00	30.15	0.000	21.70	71.06	0.00	0.00		
5/27/99 12:15	1020.88	30.15	0.000	21.96	71.53	0.00			
5/27/99 12:30	1020.75	30.14	0.000	22.48	72.47	0.00			
5/27/99 12:45	1020.50	30.14	0.000	22.48	72.47	0.00			
5/27/99 13:00	1020.38	30.13	0.000	22.74	72.94	0.00	0.00		
5/27/99 13:15	1020.38	30.13	0.000	23.00	73.41	0.00			
5/27/99 13:30	1020.25	30.13	0.000	23.53	74.35	0.00			
5/27/99 13:45	1020.13	30.12	0.000	23.79	74.82	0.00			
5/27/99 14:00	1020.00	30.12	0.000	24.05	75.29	0.00	0.00		
5/27/99 14:15	1019.88	30.12	0.000	24.31	75.76	0.00			
5/27/99 14:30	1019.88	30.12	0.000	24.57	76.23	0.00			
5/27/99 14:45	1019.75	30.11	0.000	24.83	76.70	0.00			
5/27/99 15:00	1019.50	30.11	0.000	25.36	77.64	0.00	0.00		
5/27/99 15:15	1019.50	30.11	0.000	25.82	78.11	0.00			
5/27/99 15:30	1019.38	30.10	0.000	25.88	78.58	0.00			
5/27/99 15:45	1019.25	30.10	0.000	25.88	78.58	0.00			
5/27/99 16:00	1019.13	30.09	0.000	26.14	79.05	0.00	0.00		
5/27/99 16:15	1019.00	30.09	0.000	26.14	79.05	0.00			
5/27/99 16:30	1019.00	30.09	0.000	26.14	79.05	0.00			
5/27/99 16:45	1019.00	30.09	0.000	26.40	79.52	0.00			
5/27/99 17:00	1018.88	30.09	0.000	26.40	79.52	0.00	0.00		
5/27/99 17:15	1018.88	30.09	0.000	26.66	79.99	0.00			
5/27/99 17:30	1018.75	30.08	0.000	26.66	79.99	0.00			
5/27/99 17:45	1018.75	30.08	0.000	26.92	80.46	0.00			
5/27/99 18:00	1018.75	30.08	0.000	26.92	80.46	0.00	0.00		
5/27/99 18:15	1018.75	30.08	0.000	26.92	80.46	0.00			
5/27/99 18:30	1018.63	30.08	0.000	26.92	80.46	0.00			
5/27/99 18:45	1018.63	30.08	0.000	26.66	79.99	0.00			
5/27/99 19:00	1018.63	30.08	0.000	26.40	79.52	0.00	0.00		
5/27/99 19:15	1018.50	30.08	0.000	26.14	79.05	0.00			
5/27/99 19:30	1018.50	30.08	0.000	25.82	78.11	0.00			
5/27/99 19:45	1018.50	30.08	0.000	25.09	77.17	0.00			
5/27/99 20:00	1018.50	30.08	0.000	24.57	76.23	0.00	0.00		
5/27/99 20:15	1018.50	30.08	0.000	23.53	74.35	0.00			
5/27/99 20:30	1018.63	30.08	0.000	22.74	72.94	0.00			
5/27/99 20:45	1018.63	30.08	0.000	22.48	72.47	0.00			
5/27/99 21:00	1018.75	30.08	0.000	22.22	72.00	0.00	0.00		
5/27/99 21:15	1019.00	30.09	0.000	21.96	71.53	0.00			
5/27/99 21:30	1019.00	30.09	0.000	21.44	70.58	0.00			
5/27/99 21:45	1019.25	30.10	0.000	21.17	70.11	0.00			
5/27/99 22:00	1019.50	30.11	0.000	20.91	69.64	0.00	0.00		
5/27/99 22:15	1019.50	30.11	0.000	20.39	68.70	0.00			
5/27/99 22:30	1019.75	30.11	0.000	20.13	68.23	0.00			
5/27/99 22:45	1019.75	30.11	0.000	19.61	67.29	0.00			
5/27/99 23:00	1019.75	30.11	0.000	19.61	67.29	0.00	0.00		
5/27/99 23:15	1019.75	30.11	0.000	19.61	67.29	0.00			
5/27/99 23:30	1019.75	30.11	0.000	19.35	66.82	0.00			
5/27/99 23:45	1019.75	30.11	0.000	19.08	66.35	0.00			
5/28/99 0:00	1019.75	30.11	0.000	18.82	65.88	0.00	0.00		
5/28/99 0:15	1019.75	30.11	0.000	18.82	65.88	0.00			
5/28/99 0:30	1019.75	30.11	0.000	18.56	65.41	0.00			
5/28/99 0:45	1019.68	30.12	0.000	18.56	65.41	0.00			
5/28/99 1:00	1019.88	30.12	0.000	18.82	65.88	0.00	0.00		
5/28/99 1:15	1020.00	30.12	0.000	18.30	64.94	0.00			
5/28/99 1:30	1020.00	30.12	0.000	18.04	64.47	0.00			
5/28/99 1:45	1020.13	30.12	0.000	17.78	64.00	0.00			
5/28/99 2:00	1020.25	30.13	0.000	17.78	64.00	0.00	0.00		
5/28/99 2:15	1020.25	30.13	0.000	17.78	64.00	0.00			
5/28/99 2:30	1020.25	30.13	0.000	18.04	64.47	0.00			
5/28/99 2:45	1020.25	30.13	0.000	18.04	64.47	0.00			
5/28/99 3:00	1020.25	30.13	0.000	17.78	64.00	0.00	0.00		
5/28/99 3:15	1020.25	30.13	0.000	17.52	63.53	0.00			
5/28/99 3:30	1020.25	30.13	0.000	17.26	63.06	0.00			
5/28/99 3:45	1020.25	30.13	0.000	17.26	63.06	0.00			
5/28/99 4:00	1020.50	30.14	0.000	17.52	63.53	0.00	0.00		
5/28/99 4:15	1020.50	30.14	0.000	17.52	63.53	0.00			
5/28/99 4:30	1020.50	30.14	0.000	17.78	64.00	0.00			
5/28/99 4:45	1020.50	30.14	0.000	17.52	63.53	0.00			
5/28/99 5:00	1020.50	30.14	0.000	17.26	63.06	0.00	0.00		
5/28/99 5:15	1020.50	30.14	0.000	17.52	63.53	0.00			
5/28/99 5:30	1020.50	30.14	0.000	17.26	63.06	0.00			
5/28/99 5:45	1020.75	30.14	0.000	16.99	62.59	0.00			
5/28/99 6:00	1020.75	30.14	0.000	17.26	63.06	0.00	0.00		
5/28/99 6:15	1020.88	30.15	0.000	16.99	62.59	0.00			
5/28/99 6:30	1021.13	30.15	0.000	16.99	62.59	0.00			
5/28/99 6:45	1021.25	30.16	0.000	17.26	63.06	0.00			
5/28/99 7:00	1021.38	30.18	0.000	17.26	63.06	0.00	0.00		
5/28/99 7:15	1021.50	30.16	0.000	17.26	63.06	0.00			
5/28/99 7:30	1021.63	30.17	0.000	17.52	63.53	0.00			
5/28/99 7:45	1021.63	30.17	0.000	17.76	64.00	0.00			
5/28/99 8:00	1021.75	30.17	0.000	17.78	64.00	0.00	0.00		
5/28/99 8:15	1021.88	30.18	0.000	17.78	64.00	0.00			
5/28/99 8:30	1022.00	30.18	0.000	17.76	64.00	0.00			
5/28/99 8:45	1021.88	30.18	0.000	17.78	64.00	0.00			
5/28/99 9:00	1022.00	30.18	0.000	18.30	64.94	0.00	0.00		
5/28/99 9:15	1022.00	30.18	0.000	19.06	66.35	0.00			
5/28/99 9:30	1022.00	30.18	0.000	19.08	66.35	0.00			
5/28/99 9:45	1022.00	30.18	0.000	19.06	66.35	0.00			
5/28/99 10:00	1022.00	30.18	0.000	19.35	66.82	0.00	0.00		
5/28/99 10:15	1021.88	30.18	0.000	19.61	67.29	0.00			
5/28/99 10:30	1021.88	30.18	0.000	20.13	68.23	0.00			
5/28/99 10:45	1021.75	30.17	0.000	20.39	68.70	0.00			
5/28/99 11:00	1021.75	30.17	0.000	20.91	69.64	0.00	0.00		
5/28/99 11:15	1021.75	30.17	0.000	21.17	70.11	0.00			
5/28/99 11:30	1021.75	30.17	0.000	21.44	70.58	0.00			
5/28/99 11:45	1021.75	30.17	0.000	21.96	71.53	0.00			
5/28/99 12:00	1021.63	30.17	0.000	22.48	72.47	0.00	0.00		
5/28/99 12:15	1021.63	30.17	0.000	23.00	73.41	0.00			
5/28/99 12:30	1021.63	30.17	0.000	23.53	74.35	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/26/99 1:15	1012.25	29.89	0.751	104.79	220.62	536.82			
5/26/99 1:30	1012.25	29.89	0.752	104.79	220.62	537.29			
5/26/99 1:45	1012.25	29.89	0.753	104.79	220.62	537.50			
5/26/99 2:00	1012.13	29.89	0.751	104.53	220.15	536.87	536.39		
5/26/99 2:15	1012.13	29.89	0.747	104.53	220.15	535.35			
5/26/99 2:30	1012.00	29.88	0.748	104.53	220.15	535.13			
5/26/99 2:45	1012.13	29.89	0.743	104.53	220.15	533.98			
5/26/99 3:00	1012.13	29.89	0.739	104.27	219.68	532.22	532.89		
5/26/99 3:15	1012.25	29.89	0.738	104.27	219.68	531.75			
5/26/99 3:30	1012.25	29.89	0.737	104.01	219.21	531.35			
5/26/99 3:45	1012.38	29.90	0.738	104.01	219.21	531.75			
5/26/99 4:00	1012.50	29.90	0.736	104.01	219.21	530.82	530.92		
5/26/99 4:15	1012.63	29.90	0.735	104.01	219.21	530.57			
5/26/99 4:30	1012.63	29.90	0.734	104.01	219.21	530.10			
5/26/99 4:45	1012.75	29.91	0.734	104.01	219.21	530.06			
5/26/99 5:00	1012.75	29.91	0.735	103.74	218.74	530.35	529.96		
5/26/99 5:15	1012.88	29.91	0.732	103.74	218.74	529.20			
5/26/99 5:30	1013.00	29.91	0.734	103.74	218.74	530.07			
5/26/99 5:45	1013.13	29.92	0.733	103.74	218.74	529.35			
5/26/99 6:00	1013.25	29.92	0.734	103.48	218.27	529.57	529.60		
5/26/99 6:15	1013.38	29.92	0.733	103.48	218.27	529.32			
5/26/99 6:30	1013.63	29.93	0.734	103.48	218.27	529.72			
5/26/99 6:45	1013.88	29.94	0.731	103.48	218.27	528.50			
5/26/99 7:00	1014.00	29.94	0.734	103.74	218.74	529.81	461.68		
5/26/99 7:15	1014.13	29.95	0.733	104.01	219.21	529.27			
5/26/99 7:30	1014.50	29.96	0.235	82.58	180.64	291.09			
5/26/99 7:45	1014.63	29.96	0.000	67.69	153.83	0.00			
5/26/99 8:00	1014.88	29.97	0.000	58.02	136.43	0.00	58.22		
5/26/99 8:15	1015.00	29.97	0.000	50.44	122.79	0.00			
5/26/99 8:30	1015.25	29.98	0.000	45.21	113.39	0.00			
5/26/99 8:45	1015.38	29.98	0.000	41.29	106.33	0.00			
5/26/99 9:00	1015.38	29.98	0.000	38.16	100.69	0.00	0.00		
5/26/99 9:15	1015.38	29.98	0.000	35.81	96.45	0.00			
5/26/99 9:30	1015.38	29.98	0.000	33.72	92.69	0.00			
5/26/99 9:45	1015.63	29.99	0.000	32.15	89.87	0.00			
5/26/99 10:00	1015.75	30.00	0.000	30.84	87.52	0.00	0.00		
5/26/99 10:15	1015.75	30.00	0.000	29.54	85.16	0.00			
5/26/99 10:30	1015.75	30.00	0.000	28.49	83.28	0.00			
5/26/99 10:45	1015.88	30.00	0.000	27.71	81.87	0.00			
5/26/99 11:00	1016.00	30.00	0.000	26.92	80.46	0.00	0.00		
5/26/99 11:15	1016.13	30.01	0.000	26.66	79.99	0.00			
5/26/99 11:30	1016.13	30.01	0.000	26.40	79.52	0.00			
5/26/99 11:45	1016.13	30.01	0.000	25.88	78.58	0.00			
5/26/99 12:00	1016.13	30.01	0.000	25.09	77.17	0.00	0.00		
5/26/99 12:15	1016.13	30.01	0.000	24.83	76.70	0.00			
5/26/99 12:30	1016.00	30.00	0.000	24.57	76.23	0.00			
5/26/99 12:45	1016.00	30.00	0.000	24.05	75.29	0.00			
5/26/99 13:00	1016.00	30.00	0.000	23.79	74.82	0.00	0.00		
5/26/99 13:15	1015.88	30.00	0.000	23.79	74.82	0.00			
5/26/99 13:30	1016.13	30.01	0.000	23.79	74.82	0.00			
5/26/99 13:45	1016.25	30.01	0.000	23.27	73.88	0.00			
5/26/99 14:00	1016.38	30.01	0.000	23.27	73.88	0.00	0.00		
5/26/99 14:15	1016.50	30.02	0.000	23.27	73.88	0.00			
5/26/99 14:30	1016.50	30.02	0.000	23.27	73.88	0.00			
5/26/99 14:45	1016.50	30.02	0.000	23.00	73.41	0.00			
5/26/99 15:00	1016.38	30.01	0.000	23.00	73.41	0.00	0.00		
5/26/99 15:15	1016.13	30.01	0.000	23.00	73.41	0.00			
5/26/99 15:30	1016.13	30.01	0.000	23.00	73.41	0.00			
5/26/99 15:45	1016.13	30.01	0.000	22.74	72.94	0.00			
5/26/99 16:00	1016.13	30.01	0.000	23.00	73.41	0.00	0.00		
5/26/99 16:15	1016.00	30.00	0.000	23.00	73.41	0.00			
5/26/99 16:30	1016.00	30.00	0.000	23.27	73.88	0.00			
5/26/99 16:45	1016.00	30.00	0.000	23.00	73.41	0.00			
5/26/99 17:00	1015.88	30.00	0.000	23.27	73.88	0.00	0.00		
5/26/99 17:15	1015.88	30.00	0.000	23.00	73.41	0.00			
5/26/99 17:30	1015.88	30.00	0.000	23.27	73.88	0.00			
5/26/99 17:45	1015.88	30.00	0.000	23.00	73.41	0.00			
5/26/99 18:00	1015.88	30.00	0.000	23.27	73.88	0.00	0.00		
5/26/99 18:15	1015.88	30.00	0.000	23.53	74.35	0.00			
5/26/99 18:30	1015.88	30.00	0.000	23.27	73.88	0.00			
5/26/99 18:45	1016.00	30.00	0.000	23.00	73.41	0.00			
5/26/99 19:00	1016.13	30.01	0.000	23.00	73.41	0.00	0.00		
5/26/99 19:15	1016.00	30.00	0.000	23.00	73.41	0.00			
5/26/99 19:30	1016.13	30.01	0.000	23.00	73.41	0.00			
5/26/99 19:45	1016.25	30.01	0.000	22.74	72.94	0.00			
5/26/99 20:00	1016.25	30.01	0.000	22.48	72.47	0.00	0.00		
5/26/99 20:15	1016.38	30.01	0.000	22.48	72.47	0.00			
5/26/99 20:30	1016.50	30.02	0.000	22.22	72.00	0.00			
5/26/99 20:45	1016.63	30.02	0.000	21.96	71.53	0.00			
5/26/99 21:00	1016.75	30.02	0.000	21.44	70.58	0.00	0.00		
5/26/99 21:15	1016.75	30.02	0.000	21.17	70.11	0.00			
5/26/99 21:30	1016.88	30.03	0.000	20.91	69.64	0.00			
5/26/99 21:45	1017.00	30.03	0.000	20.39	68.70	0.00			
5/26/99 22:00	1017.13	30.04	0.000	20.13	68.23	0.00	0.00		
5/26/99 22:15	1017.25	30.04	0.000	19.87	67.76	0.00			
5/26/99 22:30	1017.38	30.04	0.000	19.67	67.76	0.00			
5/26/99 22:45	1017.50	30.05	0.000	19.61	67.29	0.00			
5/26/99 23:00	1017.63	30.05	0.000	19.35	66.82	0.00	0.00		
5/26/99 23:15	1017.75	30.05	0.000	19.08	66.35	0.00			
5/26/99 23:30	1017.75	30.05	0.000	18.56	65.41	0.00			
5/26/99 23:45	1017.88	30.06	0.000	18.30	64.94	0.00			
5/27/99 0:00	1018.00	30.06	0.000	18.30	64.94	0.00	0.00		
5/27/99 0:15	1018.13	30.07	0.000	18.56	65.41	0.00			
5/27/99 0:30	1018.38	30.07	0.000	18.30	64.94	0.00			
5/27/99 0:45	1018.50	30.08	0.000	17.78	64.00	0.00			
5/27/99 1:00	1018.38	30.07	0.000	17.52	63.53	0.00	0.00		
5/27/99 1:15	1018.25	30.07	0.000	17.78	64.00	0.00			
5/27/99 1:30	1016.25	30.07	0.000	17.78	64.00	0.00			
5/27/99 1:45	1018.25	30.07	0.000	17.52	63.53	0.00			
5/27/99 2:00	1016.25	30.07	0.000	17.76	64.00	0.00	0.00		
5/27/99 2:15	1018.13	30.07	0.000	17.76	64.00	0.00			
5/27/99 2:30	1018.25	30.07	0.000	17.52	63.53	0.00			
5/27/99 2:45	1018.25	30.07	0.000	17.26	63.06	0.00			
5/27/99 3:00	1018.38	30.07	0.000	17.26	63.06	0.00	0.00		
5/27/99 3:15	1018.38	30.07	0.000	17.52	63.53	0.00			
5/27/99 3:30	1018.25	30.07	0.000	17.52	63.53	0.00			
5/27/99 3:45	1018.38	30.07	0.000	17.26	63.06	0.00			
5/27/99 4:00	1018.50	30.08	0.000	17.52	63.53	0.00	0.00		
5/27/99 4:15	1018.50	30.06	0.000	16.99	62.59	0.00			
5/27/99 4:30	1018.63	30.08	0.000	17.26	63.06	0.00			
5/27/99 4:45	1018.63	30.08	0.000	17.26	63.06	0.00			
5/27/99 5:00	1018.88	30.09	0.000	17.26	63.06	0.00	0.00		
5/27/99 5:15	1019.00	30.09	0.000	17.26	63.06	0.00			
5/27/99 5:30	1019.00	30.09	0.000	16.99	62.59	0.00			
5/27/99 5:45	1019.25	30.10	0.000	16.73	62.12	0.00			
5/27/99 6:00	1019.63	30.11	0.000	16.47	61.65	0.00	0.00		
5/27/99 6:15	1019.88	30.12	0.000	16.47	61.65	0.00			
5/27/99 6:30	1019.88	30.12	0.000	16.21	61.18	0.00			
5/27/99 6:45	1020.00	30.12	0.000	16.47	61.65	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/24/99 19:30	1009.63	29.81	0.000	21.44	70.58	0.00			
5/24/99 19:45	1009.75	29.82	0.000	21.17	70.11	0.00			
5/24/99 20:00	1009.75	29.82	0.000	20.91	69.64	0.00	0.00		
5/24/99 20:15	1009.75	29.82	0.000	20.65	69.17	0.00			
5/24/99 20:30	1009.75	29.82	0.000	20.39	68.70	0.00			
5/24/99 20:45	1009.75	29.82	0.000	20.39	68.70	0.00			
5/24/99 21:00	1009.88	29.82	0.000	20.13	68.23	0.00	0.00		
5/24/99 21:15	1010.00	29.83	0.000	20.13	68.23	0.00			
5/24/99 21:30	1010.00	29.83	0.000	19.87	67.76	0.00			
5/24/99 21:45	1010.00	29.83	0.000	19.61	67.29	0.00			
5/24/99 22:00	1010.13	29.83	0.000	19.35	66.82	0.00	0.00		
5/24/99 22:15	1010.25	29.83	0.000	19.08	66.35	0.00			
5/24/99 22:30	1010.13	29.83	0.000	18.82	65.88	0.00			
5/24/99 22:45	1010.00	29.83	0.000	18.82	65.88	0.00			
5/24/99 23:00	1010.13	29.83	0.000	18.82	65.88	0.00	0.00		
5/24/99 23:15	1010.00	29.83	0.000	18.82	65.88	0.00			
5/24/99 23:30	1010.00	29.83	0.000	18.30	64.94	0.00			
5/24/99 23:45	1010.00	29.83	0.000	18.30	64.94	0.00			
5/25/99 0:00	1010.00	29.83	0.000	18.04	64.47	0.00	0.00		
5/25/99 0:15	1010.13	29.83	0.000	18.04	64.47	0.00			
5/25/99 0:30	1010.13	29.83	0.000	18.04	64.47	0.00			
5/25/99 0:45	1010.25	29.83	0.000	18.04	64.47	0.00			
5/25/99 1:00	1010.25	29.83	0.000	18.04	64.47	0.00	0.00		
5/25/99 1:15	1010.13	29.83	0.000	18.04	64.47	0.00			
5/25/99 1:30	1010.00	29.83	0.000	18.04	64.47	0.00			
5/25/99 1:45	1010.00	29.83	0.000	18.04	64.47	0.00			
5/25/99 2:00	1010.00	29.83	0.000	18.04	64.47	0.00	0.00		
5/25/99 2:15	1010.00	29.83	0.000	17.78	64.00	0.00			
5/25/99 2:30	1010.13	29.83	0.000	17.78	64.00	0.00			
5/25/99 2:45	1010.00	29.83	0.000	18.04	64.47	0.00			
5/25/99 3:00	1010.00	29.83	0.000	17.52	63.53	0.00	0.00		
5/25/99 3:15	1009.88	29.82	0.000	18.04	64.47	0.00			
5/25/99 3:30	1009.88	29.82	0.000	17.52	63.53	0.00			
5/25/99 3:45	1009.75	29.82	0.000	17.52	63.53	0.00			
5/25/99 4:00	1009.75	29.82	0.000	17.52	63.53	0.00	0.00		
5/25/99 4:15	1009.75	29.82	0.000	17.52	63.53	0.00			
5/25/99 4:30	1009.88	29.82	0.000	17.52	63.53	0.00			
5/25/99 4:45	1010.00	29.83	0.000	17.26	63.06	0.00			
5/25/99 5:00	1010.13	29.83	0.000	17.26	63.06	0.00	0.00		
5/25/99 5:15	1010.13	29.83	0.000	17.26	63.06	0.00			
5/25/99 5:30	1010.25	29.83	0.000	17.26	63.06	0.00			
5/25/99 5:45	1010.50	29.84	0.000	17.26	63.06	0.00			
5/25/99 6:00	1010.63	29.84	0.000	16.99	62.59	0.00	0.00		
5/25/99 6:15	1010.75	29.85	0.000	16.99	62.59	0.00			
5/25/99 6:30	1010.75	29.85	0.000	16.47	61.65	0.00			
5/25/99 6:45	1010.88	29.85	0.000	16.73	62.12	0.00			
5/25/99 7:00	1011.00	29.85	0.000	16.47	61.65	0.00	0.00		
5/25/99 7:15	1011.25	29.86	0.000	16.47	61.65	0.00			
5/25/99 7:30	1011.25	29.86	0.000	16.73	62.12	0.00			
5/25/99 7:45	1011.25	29.86	0.000	16.99	62.59	0.00			
5/25/99 8:00	1011.38	29.87	0.000	16.99	62.59	0.00	0.00		
5/25/99 8:15	1011.38	29.87	0.000	17.26	63.06	0.00			
5/25/99 8:30	1011.63	29.87	0.000	17.26	63.06	0.00			
5/25/99 8:45	1011.88	29.88	0.000	17.52	63.53	0.00			
5/25/99 9:00	1011.88	29.88	0.013	18.04	64.47	62.27	60.77		
5/25/99 9:15	1012.00	29.88	0.073	21.96	71.53	147.45			
5/25/99 9:30	1012.00	29.88	0.029	23.27	73.88	94.11			
5/25/99 9:45	1011.88	29.88	0.000	21.17	70.11	0.00			
5/25/99 10:00	1011.88	29.88	0.067	23.53	74.35	142.03	155.00		
5/25/99 10:15	1011.75	29.88	0.340	37.64	99.75	327.73			
5/25/99 10:30	1011.75	29.88	0.144	30.58	87.05	211.14			
5/25/99 10:45	1011.50	29.87	0.218	40.51	104.92	263.36			
5/25/99 11:00	1011.38	29.87	0.000	31.37	88.46	0.00	94.90		
5/25/99 11:15	1011.25	29.86	0.000	27.71	81.87	0.00			
5/25/99 11:30	1011.25	29.86	0.000	25.62	78.11	0.00			
5/25/99 11:45	1011.25	29.86	0.000	24.05	75.29	0.00			
5/25/99 12:00	1011.25	29.86	0.000	22.74	72.94	0.00	0.00		
5/25/99 12:15	1011.25	29.86	0.000	21.70	71.06	0.00			
5/25/99 12:30	1011.38	29.87	0.000	21.17	70.11	0.00			
5/25/99 12:45	1011.38	29.87	0.000	20.91	69.64	0.00			
5/25/99 13:00	1011.38	29.87	0.000	20.39	68.70	0.00	22.96		
5/25/99 13:15	1011.25	29.86	0.044	23.27	73.88	114.78			
5/25/99 13:30	1011.25	29.86	0.000	22.74	72.94	0.00			
5/25/99 13:45	1011.25	29.86	0.000	21.44	70.58	0.00			
5/25/99 14:00	1011.38	29.87	0.088	25.88	78.58	163.11	98.25		
5/25/99 14:15	1011.38	29.87	0.107	28.75	83.75	181.16			
5/25/99 14:30	1011.38	29.87	0.069	32.93	91.28	146.97			
5/25/99 14:45	1011.25	29.86	0.000	27.18	80.93	0.00			
5/25/99 15:00	1011.25	29.88	0.000	25.36	77.84	0.00	115.42		
5/25/99 15:15	1011.13	29.88	0.043	24.57	76.23	114.24			
5/25/99 15:30	1011.38	29.87	0.299	55.40	131.73	315.89			
5/25/99 15:45	1011.63	29.87	0.595	70.30	158.54	455.77			
5/25/99 16:00	1011.38	29.87	0.776	97.47	207.45	540.83	480.27		
5/25/99 16:15	1011.38	29.87	0.772	103.48	218.27	543.88			
5/25/99 16:30	1011.25	29.88	0.771	105.83	222.50	545.16			
5/25/99 16:45	1011.13	29.88	0.770	107.66	225.79	546.08			
5/25/99 17:00	1011.00	29.85	0.765	108.71	227.88	545.09	545.25		
5/25/99 17:15	1011.00	29.85	0.764	109.49	229.09	545.16			
5/25/99 17:30	1011.00	29.85	0.762	109.75	229.56	544.72			
5/25/99 17:45	1011.00	29.85	0.759	110.02	230.03	544.02			
5/25/99 18:00	1011.00	29.85	0.756	110.02	230.03	542.87	543.49		
5/25/99 18:15	1011.00	29.85	0.756	110.28	230.50	543.05			
5/25/99 18:30	1011.00	29.85	0.755	110.54	230.97	542.81			
5/25/99 18:45	1011.13	29.86	0.755	110.54	230.97	542.77			
5/25/99 19:00	1011.13	29.88	0.752	110.54	230.97	541.66	541.87		
5/25/99 19:15	1011.13	29.86	0.749	110.54	230.97	540.50			
5/25/99 19:30	1011.25	29.86	0.752	110.54	230.97	541.82			
5/25/99 19:45	1011.38	29.87	0.749	110.02	230.03	540.32			
5/25/99 20:00	1011.50	29.87	0.751	110.02	230.03	540.94	540.52		
5/25/99 20:15	1011.50	29.87	0.749	109.75	229.56	540.10			
5/25/99 20:30	1011.63	29.87	0.749	109.49	229.09	539.63			
5/25/99 20:45	1011.75	29.88	0.749	109.49	229.09	539.85			
5/25/99 21:00	1011.75	29.88	0.749	108.71	227.88	539.05	538.53		
5/25/99 21:15	1011.88	29.88	0.746	108.45	227.21	537.71			
5/25/99 21:30	1011.88	29.88	0.743	108.19	226.73	536.41			
5/25/99 21:45	1012.00	29.88	0.746	107.92	226.26	537.53			
5/25/99 22:00	1012.13	29.89	0.745	107.40	225.32	536.69	536.67		
5/25/99 22:15	1012.13	29.89	0.744	107.14	224.85	536.04			
5/25/99 22:30	1012.25	29.89	0.746	107.14	224.85	536.69			
5/25/99 22:45	1012.38	29.90	0.745	106.88	224.38	536.26			
5/25/99 23:00	1012.38	29.90	0.741	106.88	224.38	534.89	535.75		
5/25/99 23:15	1012.38	29.90	0.743	106.62	223.91	535.18			
5/25/99 23:30	1012.25	29.89	0.744	106.36	223.44	535.71			
5/25/99 23:45	1012.13	29.89	0.743	106.10	222.97	534.87			
5/26/99 0:00	1012.13	29.89	0.747	105.57	222.03	536.09	536.56		
5/26/99 0:15	1012.13	29.89	0.752	105.31	221.56	537.69			
5/26/99 0:30	1012.13	29.89	0.755	104.79	220.62	538.43			
5/26/99 0:45	1012.13	29.89	0.753	104.79	220.62	537.54			
5/26/99 1:00	1012.25	29.89	0.750	104.79	220.62	536.81	537.34		

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/23/99 13:45	1012.25	29.89	0.850	99.04	210.27	566.90			
5/23/99 14:00	1012.00	29.88	0.845	100.35	212.62	566.30	566.72		
5/23/99 14:15	1011.88	29.88	0.846	101.65	214.98	567.72			
5/23/99 14:30	1011.75	29.88	0.844	102.18	215.92	567.31			
5/23/99 14:45	1011.25	29.86	0.841	102.70	218.86	567.01			
5/23/99 15:00	1010.75	29.85	0.840	102.70	216.86	566.74	566.48		
5/23/99 15:15	1010.25	29.83	0.836	102.96	217.33	565.59			
5/23/99 15:30	1009.63	29.81	0.834	103.48	218.27	565.75			
5/23/99 15:45	1009.38	29.81	0.838	102.96	217.33	566.68			
5/23/99 16:00	1009.25	29.80	0.836	102.44	216.39	565.88	566.06		
5/23/99 16:15	1009.38	29.81	0.838	102.44	216.39	566.09			
5/23/99 16:30	1009.38	29.81	0.838	102.18	215.92	566.09			
5/23/99 16:45	1009.13	29.80	0.839	102.18	215.92	566.36			
5/23/99 17:00	1008.88	29.79	0.840	101.65	214.98	566.48	565.97		
5/23/99 17:15	1008.83	29.78	0.839	100.87	213.57	565.75			
5/23/99 17:30	1008.83	29.78	0.840	99.82	211.68	565.17			
5/23/99 17:45	1008.50	29.78	0.840	99.30	210.74	564.80			
5/23/99 18:00	1008.13	29.77	0.842	98.78	209.80	565.15	564.89		
5/23/99 18:15	1007.75	29.78	0.840	97.73	207.92	563.82			
5/23/99 18:30	1007.88	29.76	0.847	96.95	206.51	565.50			
5/23/99 18:45	1008.00	29.77	0.841	97.73	207.92	564.16			
5/23/99 19:00	1007.88	29.76	0.841	98.52	209.33	564.59	563.75		
5/23/99 19:15	1007.88	29.76	0.836	98.78	209.80	563.30			
5/23/99 19:30	1008.00	29.77	0.830	98.78	209.80	561.18			
5/23/99 19:45	1008.25	29.77	0.831	99.56	211.21	561.90			
5/23/99 20:00	1008.25	29.77	0.826	99.56	211.21	560.41	560.78		
5/23/99 20:15	1008.00	29.77	0.824	99.82	211.68	560.07			
5/23/99 20:30	1007.75	29.76	0.824	100.09	212.15	560.33			
5/23/99 20:45	1007.38	29.75	0.826	99.82	211.68	560.65			
5/23/99 21:00	1007.38	29.75	0.828	98.78	209.80	560.71	560.42		
5/23/99 21:15	1007.38	29.75	0.826	98.26	208.86	559.67			
5/23/99 21:30	1007.50	29.75	0.830	98.00	208.39	560.73			
5/23/99 21:45	1007.38	29.75	0.834	96.69	206.04	561.25			
5/23/99 22:00	1007.13	29.74	0.834	95.64	204.16	560.30	560.70		
5/23/99 22:15	1006.88	29.73	0.833	95.12	203.22	559.77			
5/23/99 22:30	1006.88	29.73	0.838	95.12	203.22	561.44			
5/23/99 22:45	1006.88	29.73	0.841	94.34	201.81	561.68			
5/23/99 23:00	1006.75	29.73	0.838	95.38	203.69	561.68	562.21		
5/23/99 23:15	1006.63	29.73	0.838	97.21	206.98	562.90			
5/23/99 23:30	1006.38	29.72	0.837	98.00	208.39	563.37			
5/23/99 23:45	1006.38	29.72	0.834	98.78	209.80	563.12			
5/24/99 0:00	1006.25	29.71	0.833	99.04	210.27	562.91	562.47		
5/24/99 0:15	1006.13	29.71	0.829	98.78	209.80	561.50			
5/24/99 0:30	1006.00	29.71	0.828	99.56	211.21	561.48			
5/24/99 0:45	1005.88	29.70	0.823	99.30	210.74	559.62			
5/24/99 1:00	1006.00	29.71	0.821	99.04	210.27	558.74	559.06		
5/24/99 1:15	1005.88	29.70	0.820	98.78	209.80	558.38			
5/24/99 1:30	1006.00	29.71	0.818	98.00	208.39	557.11			
5/24/99 1:45	1005.88	29.70	0.828	97.21	206.98	559.74			
5/24/99 2:00	1005.75	29.70	0.826	96.43	205.57	558.74	558.33		
5/24/99 2:15	1005.88	29.70	0.827	95.12	203.22	557.96			
5/24/99 2:30	1005.50	29.69	0.829	94.08	201.34	558.11			
5/24/99 2:45	1005.25	29.69	0.831	93.29	199.93	557.99			
5/24/99 3:00	1005.13	29.68	0.831	92.77	198.99	557.82	558.28		
5/24/99 3:15	1005.13	29.68	0.837	91.72	197.10	558.94			
5/24/99 3:30	1005.00	29.68	0.834	92.51	198.51	558.73			
5/24/99 3:45	1005.00	29.68	0.828	94.08	201.34	557.61			
5/24/99 4:00	1005.00	29.68	0.824	95.12	203.22	557.12	557.46		
5/24/99 4:15	1004.88	29.67	0.822	95.91	204.63	557.14			
5/24/99 4:30	1004.88	29.67	0.820	96.17	205.10	556.69			
5/24/99 4:45	1004.88	29.67	0.820	96.95	206.51	557.28			
5/24/99 5:00	1005.00	29.68	0.820	96.69	206.04	557.05	556.78		
5/24/99 5:15	1005.00	29.68	0.819	96.17	205.10	556.45			
5/24/99 5:30	1005.13	29.68	0.821	95.64	204.16	556.43			
5/24/99 5:45	1005.25	29.69	0.823	95.12	203.22	556.64			
5/24/99 6:00	1005.50	29.69	0.826	94.08	201.34	556.83	556.61		
5/24/99 6:15	1005.50	29.69	0.828	92.77	198.99	556.68			
5/24/99 6:30	1005.63	29.70	0.829	92.25	198.04	556.45			
5/24/99 6:45	1005.88	29.70	0.830	91.72	197.10	556.42			
5/24/99 7:00	1006.00	29.71	0.839	91.46	196.63	559.09	557.52		
5/24/99 7:15	1006.13	29.71	0.832	92.51	198.51	557.58			
5/24/99 7:30	1006.38	29.72	0.830	94.08	201.34	556.07			
5/24/99 7:45	1006.50	29.72	0.826	94.88	202.75	557.35			
5/24/99 8:00	1006.63	29.73	0.828	95.38	203.69	558.15	557.47		
5/24/99 8:15	1006.75	29.73	0.825	95.91	204.63	557.87			
5/24/99 8:30	1006.88	29.73	0.820	96.17	205.10	556.14			
5/24/99 8:45	1006.75	29.73	0.816	96.43	205.57	555.52			
5/24/99 9:00	1006.88	29.73	0.818	96.69	206.04	555.88	555.77		
5/24/99 9:15	1007.00	29.74	0.816	96.95	206.51	555.40			
5/24/99 9:30	1007.00	29.74	0.819	96.43	205.57	556.09			
5/24/99 9:45	1007.00	29.74	0.821	95.64	204.18	556.11			
5/24/99 10:00	1007.00	29.74	0.824	95.38	203.69	556.76	556.85		
5/24/99 10:15	1007.13	29.74	0.824	94.88	202.75	556.57			
5/24/99 10:30	1007.13	29.74	0.833	94.08	201.34	558.70			
5/24/99 10:45	1007.25	29.74	0.833	93.29	199.93	558.07			
5/24/99 11:00	1007.25	29.74	0.833	93.29	199.93	558.07	559.11		
5/24/99 11:15	1007.25	29.74	0.838	93.29	199.93	559.74			
5/24/99 11:30	1007.38	29.75	0.840	93.81	200.87	560.94			
5/24/99 11:45	1007.50	29.75	0.836	95.38	203.69	560.83			
5/24/99 12:00	1007.63	29.76	0.832	96.17	205.10	559.95	559.67		
5/24/99 12:15	1007.75	29.76	0.830	96.69	206.04	559.67			
5/24/99 12:30	1007.75	29.76	0.824	97.21	206.98	557.93			
5/24/99 12:45	1007.75	29.76	0.824	97.47	207.45	558.13			
5/24/99 13:00	1007.75	29.76	0.820	98.26	208.86	557.46	557.82		
5/24/99 13:15	1007.63	29.76	0.820	98.52	209.33	557.69			
5/24/99 13:30	1007.63	29.76	0.821	98.52	209.33	557.90			
5/24/99 13:45	1007.75	29.76	0.721	91.99	197.57	518.37			
5/24/99 14:00	1007.75	29.76	0.000	67.95	154.30	0.00	215.25		
5/24/99 14:15	1007.75	29.76	0.000	57.49	135.49	0.00			
5/24/99 14:30	1007.88	29.76	0.000	50.44	122.79	0.00			
5/24/99 14:45	1008.00	29.77	0.000	45.21	113.39	0.00			
5/24/99 15:00	1008.00	29.77	0.000	41.03	105.86	0.00	0.00		
5/24/99 15:15	1008.00	29.77	0.000	37.64	99.75	0.00			
5/24/99 15:30	1008.13	29.77	0.000	34.76	94.57	0.00			
5/24/99 15:45	1008.13	29.77	0.000	32.67	90.81	0.00			
5/24/99 16:00	1008.25	29.77	0.000	31.10	87.99	0.00	0.00		
5/24/99 16:15	1008.25	29.77	0.000	29.54	85.18	0.00			
5/24/99 16:30	1008.38	29.78	0.000	28.23	82.81	0.00			
5/24/99 16:45	1008.50	29.78	0.000	27.18	80.93	0.00			
5/24/99 17:00	1008.63	29.78	0.000	26.40	79.52	0.00	0.00		
5/24/99 17:15	1008.75	29.79	0.000	25.88	78.58	0.00			
5/24/99 17:30	1008.88	29.79	0.000	25.09	77.17	0.00			
5/24/99 17:45	1009.13	29.80	0.000	24.57	76.23	0.00			
5/24/99 18:00	1009.25	29.80	0.000	23.79	74.82	0.00	0.00		
5/24/99 18:15	1009.25	29.80	0.000	23.00	73.41	0.00			
5/24/99 18:30	1009.25	29.80	0.000	22.74	72.94	0.00			
5/24/99 18:45	1009.38	29.81	0.000	22.22	72.00	0.00			
5/24/99 19:00	1009.50	29.81	0.000	21.96	71.53	0.00	0.00		
5/24/99 19:15	1009.50	29.81	0.000	21.70	71.06	0.00			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/22/99 8:00	1012.38	29.90	0.000	37.38	99.28	0.00	79.53		
5/22/99 8:15	1012.38	29.90	0.000	32.41	90.34	0.00			
5/22/99 8:30	1012.38	29.90	0.503	36.59	97.86	397.63			
5/22/99 8:45	1012.25	29.89	0.840	84.67	184.41	552.58			
5/22/99 9:00	1012.25	29.89	0.848	93.55	200.40	562.08	528.12		
5/22/99 9:15	1012.25	29.89	0.847	95.91	204.63	563.48			
5/22/99 9:30	1012.38	29.90	0.848	97.21	206.98	564.84			
5/22/99 9:45	1012.50	29.90	0.847	97.47	207.45	564.81			
5/22/99 10:00	1012.38	29.90	0.843	97.73	207.92	563.57	563.54		
5/22/99 10:15	1012.38	29.90	0.839	98.00	208.39	562.53			
5/22/99 10:30	1012.38	29.90	0.839	97.47	207.45	562.14			
5/22/99 10:45	1012.63	29.90	0.838	97.73	207.92	561.83			
5/22/99 11:00	1012.50	29.90	0.834	97.47	207.45	560.19	560.87		
5/22/99 11:15	1012.50	29.90	0.833	97.47	207.45	559.79			
5/22/99 11:30	1012.50	29.90	0.834	97.73	207.92	560.62			
5/22/99 11:45	1012.50	29.90	0.833	98.00	208.39	560.38			
5/22/99 12:00	1012.75	29.91	0.837	97.73	207.92	561.39	561.43		
5/22/99 12:15	1012.75	29.91	0.841	97.47	207.45	562.83			
5/22/99 12:30	1012.50	29.90	0.839	97.47	207.45	562.10			
5/22/99 12:45	1012.50	29.90	0.843	97.21	206.98	563.14			
5/22/99 13:00	1012.25	29.89	0.844	96.95	206.51	563.45	562.70		
5/22/99 13:15	1012.38	29.90	0.844	96.17	205.10	562.81			
5/22/99 13:30	1012.38	29.90	0.843	95.91	204.63	561.98			
5/22/99 13:45	1012.13	29.89	0.846	96.43	205.57	563.48			
5/22/99 14:00	1011.88	29.88	0.853	95.64	204.16	565.45	564.11		
5/22/99 14:15	1012.25	29.89	0.853	95.64	204.16	565.14			
5/22/99 14:30	1012.25	29.89	0.848	96.69	206.04	564.48			
5/22/99 14:45	1012.25	29.89	0.848	98.00	208.39	565.48			
5/22/99 15:00	1012.25	29.89	0.848	98.78	209.80	566.07	564.98		
5/22/99 15:15	1012.25	29.89	0.842	99.56	211.21	564.59			
5/22/99 15:30	1012.63	29.90	0.843	99.04	210.27	564.29			
5/22/99 15:45	1012.88	29.91	0.837	98.28	208.66	561.75			
5/22/99 16:00	1013.13	29.92	0.837	98.78	209.80	562.08	562.41		
5/22/99 16:15	1013.13	29.92	0.836	98.00	208.39	561.25			
5/22/99 16:30	1013.25	29.92	0.839	98.52	209.33	562.89			
5/22/99 16:45	1013.50	29.93	0.842	98.00	208.39	563.06			
5/22/99 17:00	1013.75	29.94	0.845	97.21	206.98	563.43	562.72		
5/22/99 17:15	1014.00	29.94	0.846	96.43	205.57	562.96			
5/22/99 17:30	1014.25	29.95	0.843	95.64	204.16	561.48			
5/22/99 17:45	1014.63	29.96	0.846	95.64	204.16	562.19			
5/22/99 18:00	1014.50	29.96	0.848	95.38	203.69	562.88	562.35		
5/22/99 18:15	1014.63	29.96	0.848	95.12	203.22	562.42			
5/22/99 18:30	1014.75	29.97	0.850	94.60	202.28	562.82			
5/22/99 18:45	1014.75	29.97	0.854	93.29	199.93	563.04			
5/22/99 19:00	1014.88	29.97	0.856	93.55	200.40	564.03	563.40		
5/22/99 19:15	1015.00	29.97	0.851	94.86	202.75	563.35			
5/22/99 19:30	1015.00	29.97	0.851	95.64	204.16	563.75			
5/22/99 19:45	1015.13	29.98	0.847	96.43	205.57	563.08			
5/22/99 20:00	1015.25	29.98	0.848	97.47	207.45	564.04	563.39		
5/22/99 20:15	1015.38	29.98	0.843	98.26	208.86	563.14			
5/22/99 20:30	1015.25	29.98	0.842	98.52	209.33	562.97			
5/22/99 20:45	1015.38	29.98	0.843	98.78	209.80	563.33			
5/22/99 21:00	1015.38	29.98	0.843	98.78	209.80	563.53	563.41		
5/22/99 21:15	1015.25	29.98	0.845	98.26	208.86	563.80			
5/22/99 21:30	1015.25	29.98	0.845	97.73	207.92	563.41			
5/22/99 21:45	1015.50	29.99	0.846	96.95	206.51	563.14			
5/22/99 22:00	1015.75	30.00	0.846	95.91	204.63	562.08	562.91		
5/22/99 22:15	1016.00	30.00	0.851	95.38	203.69	563.47			
5/22/99 22:30	1016.00	30.00	0.850	94.60	202.28	562.47			
5/22/99 22:45	1016.00	30.00	0.848	94.08	201.34	561.44			
5/22/99 23:00	1015.88	30.00	0.849	94.08	201.34	561.68	562.83		
5/22/99 23:15	1016.13	30.01	0.861	92.77	198.99	564.72			
5/22/99 23:30	1016.38	30.01	0.856	93.61	200.87	563.81			
5/22/99 23:45	1016.63	30.02	0.852	94.86	202.75	563.13			
5/23/99 0:00	1016.50	30.02	0.848	95.38	203.69	562.10	562.88		
5/23/99 0:15	1016.50	30.02	0.849	95.91	204.63	562.90			
5/23/99 0:30	1016.50	30.02	0.846	96.69	206.04	562.47			
5/23/99 0:45	1016.50	30.02	0.842	96.95	206.51	561.43			
5/23/99 1:00	1016.50	30.02	0.841	96.95	206.51	561.20	561.19		
5/23/99 1:15	1016.25	30.01	0.839	97.21	206.98	560.63			
5/23/99 1:30	1016.25	30.01	0.838	96.95	206.51	560.23			
5/23/99 1:45	1016.00	30.00	0.838	96.43	205.57	559.91			
5/23/99 2:00	1015.75	30.00	0.838	95.64	204.16	559.38	560.20		
5/23/99 2:15	1015.88	30.00	0.843	95.12	203.22	560.62			
5/23/99 2:30	1015.75	30.00	0.846	94.34	201.81	560.88			
5/23/99 2:45	1015.75	30.00	0.849	93.03	199.46	560.91			
5/23/99 3:00	1015.88	30.00	0.852	92.51	198.51	561.53	560.92		
5/23/99 3:15	1016.13	30.01	0.851	91.72	197.10	560.63			
5/23/99 3:30	1016.13	30.01	0.851	91.72	197.10	560.63			
5/23/99 3:45	1015.63	29.99	0.858	91.20	196.16	562.63			
5/23/99 4:00	1015.00	29.97	0.851	91.72	197.10	560.94	561.26		
5/23/99 4:15	1015.13	29.98	0.849	93.29	199.93	561.28			
5/23/99 4:30	1015.38	29.98	0.845	94.34	201.81	560.79			
5/23/99 4:45	1016.00	30.00	0.844	95.12	203.22	561.01			
5/23/99 5:00	1016.00	30.00	0.841	95.38	203.69	560.15	560.38		
5/23/99 5:15	1015.88	30.00	0.842	95.91	204.63	560.81			
5/23/99 5:30	1015.75	30.00	0.836	96.17	205.10	559.14			
5/23/99 5:45	1015.38	29.98	0.837	96.17	205.10	559.46			
5/23/99 6:00	1014.88	29.97	0.841	96.17	205.10	561.05	560.15		
5/23/99 6:15	1014.63	29.96	0.839	95.64	204.16	560.13			
5/23/99 6:30	1014.63	29.96	0.843	95.12	203.22	560.96			
5/23/99 6:45	1014.75	29.97	0.845	94.60	202.28	561.16			
5/23/99 7:00	1014.88	29.97	0.850	93.29	199.93	561.78	561.07		
5/23/99 7:15	1015.00	29.97	0.846	92.77	198.99	560.09			
5/23/99 7:30	1015.00	29.97	0.851	92.51	198.51	561.35			
5/23/99 7:45	1015.13	29.98	0.848	92.51	198.51	560.29			
5/23/99 8:00	1015.00	29.97	0.853	92.51	198.51	561.97	561.85		
5/23/99 8:15	1015.00	29.97	0.858	91.99	197.57	563.22			
5/23/99 8:30	1014.88	29.97	0.852	93.29	199.93	562.41			
5/23/99 8:45	1014.75	29.97	0.844	95.38	203.69	561.33			
5/23/99 9:00	1014.75	29.97	0.839	96.95	206.51	560.85	560.90		
5/23/99 9:15	1014.88	29.97	0.838	97.21	206.98	560.18			
5/23/99 9:30	1015.00	29.97	0.834	97.47	207.45	559.73			
5/23/99 9:45	1015.00	29.97	0.833	98.00	208.39	559.49			
5/23/99 10:00	1014.63	29.96	0.832	98.78	209.80	559.98	559.64		
5/23/99 10:15	1014.50	29.96	0.829	99.04	210.27	559.37			
5/23/99 10:30	1014.25	29.95	0.829	99.56	211.21	559.60			
5/23/99 10:45	1014.13	29.95	0.830	99.82	211.68	560.27			
5/23/99 11:00	1013.88	29.94	0.831	99.82	211.68	560.54	560.25		
5/23/99 11:15	1013.75	29.94	0.829	99.30	210.74	559.77			
5/23/99 11:30	1013.50	29.93	0.834	99.04	210.27	561.10			
5/23/99 11:45	1013.50	29.93	0.834	98.78	209.80	561.13			
5/23/99 12:00	1013.50	29.93	0.836	98.78	209.80	561.54	561.63		
5/23/99 12:15	1013.50	29.93	0.836	98.52	209.33	561.54			
5/23/99 12:30	1013.50	29.93	0.841	98.26	208.86	562.82			
5/23/99 12:45	1013.50	29.93	0.840	97.73	207.92	562.22			
5/23/99 13:00	1013.00	29.91	0.839	97.47	207.45	561.73	563.15		
5/23/99 13:15	1012.88	29.91	0.843	98.26	208.86	563.63			
5/23/99 13:30	1012.63	29.90	0.848	98.00	208.39	565.37			

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/21/99 2:15	1020.75	30.14	0.858	88.85	191.93	558.79			
5/21/99 2:30	1020.75	30.14	0.850	89.63	193.34	557.38			
5/21/99 2:45	1020.75	30.14	0.846	90.68	195.22	556.72			
5/21/99 3:00	1020.63	30.14	0.844	91.46	196.63	556.96	557.04		
5/21/99 3:15	1020.75	30.14	0.841	92.25	198.04	556.26			
5/21/99 3:30	1020.88	30.15	0.845	92.51	198.51	557.68			
5/21/99 3:45	1020.75	30.14	0.843	92.25	198.04	556.89			
5/21/99 4:00	1020.75	30.14	0.843	91.99	197.57	556.89	556.96		
5/21/99 4:15	1020.75	30.14	0.843	91.99	197.57	556.89			
5/21/99 4:30	1020.75	30.14	0.841	92.25	198.04	556.46			
5/21/99 4:45	1020.63	30.14	0.846	89.37	192.87	485.83			
5/21/99 5:00	1020.63	30.14	0.000	65.33	149.60	0.00	208.46		
5/21/99 5:15	1020.63	30.14	0.000	51.75	125.14	0.00			
5/21/99 5:30	1020.63	30.14	0.000	41.82	107.27	0.00			
5/21/99 5:45	1020.63	30.14	0.000	34.78	94.57	0.00			
5/21/99 6:00	1020.75	30.14	0.000	29.54	85.16	0.00	192.06		
5/21/99 6:15	1020.63	30.14	0.603	42.60	108.68	437.82			
5/21/99 6:30	1020.63	30.14	0.766	80.49	176.88	522.50			
5/21/99 6:45	1020.50	30.14	0.000	58.80	137.84	0.00			
5/21/99 7:00	1020.75	30.14	0.883	63.50	146.31	547.28	436.21		
5/21/99 7:15	1020.88	30.15	0.845	87.02	188.64	553.68			
5/21/99 7:30	1020.75	30.14	0.849	90.16	194.28	557.57			
5/21/99 7:45	1020.75	30.14	0.846	91.46	196.63	557.52			
5/21/99 8:00	1020.75	30.14	0.843	92.51	198.51	557.29	557.70		
5/21/99 8:15	1020.75	30.14	0.844	93.81	200.67	558.71			
5/21/99 8:30	1020.75	30.14	0.839	94.60	202.28	557.42			
5/21/99 8:45	1020.75	30.14	0.835	95.38	203.69	556.78			
5/21/99 9:00	1020.75	30.14	0.834	95.84	204.16	556.78	557.44		
5/21/99 9:15	1020.75	30.14	0.836	95.91	204.63	557.58			
5/21/99 9:30	1020.63	30.14	0.839	96.17	205.10	558.64			
5/21/99 9:45	1020.38	30.13	0.841	95.91	204.63	559.34			
5/21/99 10:00	1020.25	30.13	0.845	95.64	204.16	560.44	560.32		
5/21/99 10:15	1020.25	30.13	0.849	95.38	203.69	561.70			
5/21/99 10:30	1020.25	30.13	0.850	94.86	202.75	561.50			
5/21/99 10:45	1020.00	30.12	0.850	95.12	203.22	561.77			
5/21/99 11:00	1020.00	30.12	0.852	95.38	203.69	562.59	563.60		
5/21/99 11:15	1020.13	30.12	0.858	95.64	204.16	564.80			
5/21/99 11:30	1020.00	30.12	0.870	95.12	203.22	568.34			
5/21/99 11:45	1019.88	30.12	0.869	96.43	205.57	569.18			
5/21/99 12:00	1019.75	30.11	0.867	97.73	207.92	569.40	569.26		
5/21/99 12:15	1019.75	30.11	0.863	99.04	210.27	568.95			
5/21/99 12:30	1019.63	30.11	0.865	99.82	211.68	570.41			
5/21/99 12:45	1019.25	30.10	0.866	100.35	212.62	571.11			
5/21/99 13:00	1019.13	30.09	0.863	101.39	214.51	571.12	570.60		
5/21/99 13:15	1018.88	30.09	0.859	101.91	215.45	570.13			
5/21/99 13:30	1018.63	30.08	0.859	101.91	215.45	570.20			
5/21/99 13:45	1018.38	30.07	0.857	102.18	215.92	569.87			
5/21/99 14:00	1018.13	30.07	0.858	102.70	216.86	570.54	570.09		
5/21/99 14:15	1017.88	30.06	0.858	102.70	216.86	570.17			
5/21/99 14:30	1017.63	30.05	0.855	102.44	218.39	569.65			
5/21/99 14:45	1017.50	30.05	0.861	101.65	214.98	570.95			
5/21/99 15:00	1017.25	30.04	0.860	101.13	214.04	570.42	570.82		
5/21/99 15:15	1017.00	30.03	0.863	100.87	213.57	571.32			
5/21/99 15:30	1016.88	30.03	0.866	100.35	212.62	571.78			
5/21/99 15:45	1016.63	30.02	0.863	99.82	211.68	570.63			
5/21/99 16:00	1016.63	30.02	0.866	99.82	211.68	571.45	571.46		
5/21/99 16:15	1016.63	30.02	0.866	99.30	210.74	571.88			
5/21/99 16:30	1016.38	30.01	0.868	99.30	210.74	571.75			
5/21/99 16:45	1016.25	30.01	0.868	99.04	210.27	571.78			
5/21/99 17:00	1016.13	30.01	0.874	99.04	210.27	573.86	572.79		
5/21/99 17:15	1016.13	30.01	0.873	99.04	210.27	573.46			
5/21/99 17:30	1015.88	30.00	0.869	100.61	213.10	573.29			
5/21/99 17:45	1015.50	29.99	0.866	101.65	214.98	573.37			
5/21/99 18:00	1015.38	29.98	0.865	102.18	215.92	573.40	573.23		
5/21/99 18:15	1015.13	29.98	0.866	102.44	216.39	574.07			
5/21/99 18:30	1015.00	29.97	0.860	102.44	216.39	572.05			
5/21/99 18:45	1014.88	29.97	0.858	102.44	216.39	571.25			
5/21/99 19:00	1014.88	29.97	0.854	102.44	216.39	569.98	570.48		
5/21/99 19:15	1014.88	29.97	0.854	102.70	216.86	570.16			
5/21/99 19:30	1015.00	29.97	0.851	102.44	216.39	568.91			
5/21/99 19:45	1015.13	29.98	0.851	101.91	215.45	568.68			
5/21/99 20:00	1015.38	29.98	0.857	101.39	214.51	570.12	568.86		
5/21/99 20:15	1015.50	29.99	0.854	100.09	212.15	568.26			
5/21/99 20:30	1015.38	29.98	0.857	99.04	210.27	568.32			
5/21/99 20:45	1015.38	29.98	0.856	97.73	207.92	567.09			
5/21/99 21:00	1015.25	29.98	0.859	96.69	206.04	567.16	566.82		
5/21/99 21:15	1015.25	29.98	0.857	95.64	204.16	565.78			
5/21/99 21:30	1015.25	29.98	0.858	95.12	203.22	565.76			
5/21/99 21:45	1015.25	29.98	0.858	94.34	201.81	565.15			
5/21/99 22:00	1015.25	29.98	0.866	93.81	200.87	567.21	565.93		
5/21/99 22:15	1015.25	29.98	0.861	94.34	201.81	565.98			
5/21/99 22:30	1015.25	29.98	0.856	95.64	204.16	565.53			
5/21/99 22:45	1015.25	29.98	0.853	96.43	205.57	565.10			
5/21/99 23:00	1015.00	29.97	0.849	96.95	206.51	564.11	564.31		
5/21/99 23:15	1014.88	29.97	0.846	97.47	207.45	563.71			
5/21/99 23:30	1014.75	29.97	0.844	97.73	207.92	563.11			
5/21/99 23:45	1014.63	29.96	0.845	98.26	208.86	563.98			
5/22/99 0:00	1014.50	29.96	0.843	98.26	208.86	563.18	563.48		
5/22/99 0:15	1014.38	29.95	0.843	98.26	208.86	563.41			
5/22/99 0:30	1014.13	29.95	0.846	97.47	207.45	563.72			
5/22/99 0:45	1014.00	29.94	0.851	96.95	206.51	565.02			
5/22/99 1:00	1013.86	29.94	0.853	96.69	206.04	565.49	565.23		
5/22/99 1:15	1013.88	29.94	0.854	95.91	204.63	565.52			
5/22/99 1:30	1013.63	29.93	0.858	95.38	203.69	566.41			
5/22/99 1:45	1013.50	29.93	0.853	95.12	203.22	564.39			
5/22/99 2:00	1013.38	29.92	0.853	95.12	203.22	564.63	565.74		
5/22/99 2:15	1013.00	29.91	0.859	94.86	202.75	566.38			
5/22/99 2:30	1012.75	29.91	0.881	94.60	202.28	568.88			
5/22/99 2:45	1012.50	29.90	0.851	95.91	204.63	564.84			
5/22/99 3:00	1012.50	29.90	0.851	96.95	206.51	565.44	564.41		
5/22/99 3:15	1013.00	29.91	0.844	97.47	207.45	563.40			
5/22/99 3:30	1013.13	29.92	0.839	97.21	206.98	561.50			
5/22/99 3:45	1012.63	29.90	0.835	97.73	207.92	560.79			
5/22/99 4:00	1012.50	29.90	0.832	98.00	208.39	559.98	560.59		
5/22/99 4:15	1012.38	29.90	0.831	98.00	208.39	559.78			
5/22/99 4:30	1012.13	29.89	0.834	98.28	208.86	560.89			
5/22/99 4:45	1012.25	29.89	0.836	97.47	207.45	561.10			
5/22/99 5:00	1012.38	29.90	0.841	96.89	206.04	561.94	561.48		
5/22/99 5:15	1012.50	29.90	0.841	95.91	204.63	561.51			
5/22/99 5:30	1012.63	29.90	0.844	95.12	203.22	561.95			
5/22/99 5:45	1012.75	29.91	0.844	94.08	201.34	561.12			
5/22/99 6:00	1012.75	29.91	0.846	93.81	200.87	561.51	561.44		
5/22/99 6:15	1012.50	29.90	0.845	93.81	200.87	561.18			
5/22/99 6:30	1012.38	29.90	0.848	93.81	200.87	561.42			
5/22/99 6:45	1012.13	29.89	0.851	93.29	199.93	562.94			
5/22/99 7:00	1012.13	29.89	0.596	88.33	190.99	467.93	318.46		
5/22/99 7:15	1012.25	29.89	0.000	64.03	147.25	0.00			
5/22/99 7:30	1012.38	29.90	0.000	53.31	127.97	0.00			
5/22/99 7:45	1012.50	29.90	0.000	43.91	111.03	0.00			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/19/99 20:30	1021.75	30.17	0.289	45.48	113.86	304.28			
5/19/99 20:45	1021.88	30.18	0.846	86.50	187.70	553.21			
5/19/99 21:00	1022.00	30.18	0.851	93.03	199.46	559.82	507.84		
5/19/99 21:15	1022.00	30.18	0.854	94.08	201.34	561.87			
5/19/99 21:30	1022.00	30.18	0.851	93.29	199.93	560.02			
5/19/99 21:45	1022.13	30.18	0.858	92.25	198.04	561.65			
5/19/99 22:00	1022.25	30.19	0.857	91.46	196.63	560.62	560.15		
5/19/99 22:15	1022.38	30.19	0.856	90.68	195.22	559.56			
5/19/99 22:30	1022.50	30.19	0.854	90.42	194.75	558.93			
5/19/99 22:45	1022.50	30.19	0.857	90.16	194.28	559.54			
5/19/99 23:00	1022.63	30.20	0.856	89.90	193.81	558.88	559.32		
5/19/99 23:15	1022.63	30.20	0.859	89.90	193.81	559.90			
5/19/99 23:30	1022.50	30.19	0.859	89.11	192.40	559.33			
5/19/99 23:45	1022.50	30.19	0.858	88.85	191.93	558.73			
5/20/99 0:00	1022.50	30.19	0.861	88.33	190.99	559.53	559.29		
5/20/99 0:15	1022.50	30.19	0.861	88.07	190.52	559.33			
5/20/99 0:30	1022.50	30.19	0.863	87.81	190.05	559.55			
5/20/99 0:45	1022.38	30.19	0.862	87.54	189.58	559.19			
5/20/99 1:00	1022.25	30.19	0.868	87.28	189.11	560.83	560.00		
5/20/99 1:15	1022.38	30.19	0.863	88.33	190.99	559.99			
5/20/99 1:30	1022.25	30.19	0.862	89.11	192.40	560.44			
5/20/99 1:45	1022.25	30.19	0.858	89.63	193.34	559.41			
5/20/99 2:00	1022.25	30.19	0.858	90.16	194.28	559.81	559.03		
5/20/99 2:15	1022.25	30.19	0.851	90.68	195.22	558.15			
5/20/99 2:30	1022.25	30.19	0.849	90.68	195.22	557.33			
5/20/99 2:45	1022.38	30.19	0.849	90.94	195.69	557.49			
5/20/99 3:00	1022.50	30.19	0.848	91.20	196.16	557.46	557.71		
5/20/99 3:15	1022.75	30.20	0.848	91.20	196.16	557.39			
5/20/99 3:30	1022.75	30.20	0.854	90.42	194.75	558.88			
5/20/99 3:45	1022.75	30.20	0.855	89.37	192.87	558.25			
5/20/99 4:00	1022.63	30.20	0.859	88.59	191.46	558.89	558.63		
5/20/99 4:15	1022.75	30.20	0.858	88.07	190.52	558.25			
5/20/99 4:30	1022.75	30.20	0.862	87.28	189.11	558.88			
5/20/99 4:45	1022.88	30.21	0.859	87.02	188.64	557.84			
5/20/99 5:00	1023.00	30.21	0.863	86.76	188.17	558.60	558.69		
5/20/99 5:15	1023.13	30.21	0.860	86.50	187.70	557.56			
5/20/99 5:30	1023.25	30.22	0.869	86.24	187.23	560.36			
5/20/99 5:45	1023.38	30.22	0.868	86.76	168.17	560.31			
5/20/99 6:00	1023.63	30.23	0.862	87.81	190.05	559.05	559.49		
5/20/99 6:15	1023.75	30.23	0.862	88.59	191.46	559.62			
5/20/99 6:30	1023.88	30.23	0.856	89.11	192.40	558.14			
5/20/99 6:45	1024.13	30.24	0.854	89.63	193.34	557.85			
5/20/99 7:00	1024.25	30.25	0.851	90.16	194.28	557.01	557.91		
5/20/99 7:15	1024.50	30.25	0.856	90.42	194.75	558.77			
5/20/99 7:30	1024.50	30.25	0.852	90.94	195.69	557.96			
5/20/99 7:45	1024.50	30.25	0.853	91.72	197.10	558.96			
5/20/99 8:00	1024.50	30.25	0.852	91.99	197.57	558.76	559.20		
5/20/99 8:15	1024.63	30.26	0.857	91.72	197.10	560.17			
5/20/99 8:30	1024.75	30.26	0.857	91.72	197.10	560.13			
5/20/99 8:45	1024.88	30.26	0.863	91.72	197.10	562.12			
5/20/99 9:00	1025.00	30.27	0.863	91.72	197.10	562.09	562.13		
5/20/99 9:15	1024.88	30.26	0.888	91.46	196.63	563.35			
5/20/99 9:30	1024.75	30.26	0.866	91.46	196.63	562.96			
5/20/99 9:45	1024.75	30.26	0.871	91.46	196.63	564.59			
5/20/99 10:00	1024.75	30.26	0.879	91.46	196.63	567.01	616.16		
5/20/99 10:15	1024.75	30.26	1.176	85.98	186.76	651.06			
5/20/99 10:30	1024.75	30.26	1.572	69.51	157.13	735.21			
5/20/99 10:45	1024.63	30.26	1.559	70.56	159.01	733.44			
5/20/99 11:00	1024.63	30.26	1.561	72.13	161.83	735.39	735.00		
5/20/99 11:15	1024.75	30.26	1.559	72.91	163.24	735.73			
5/20/99 11:30	1024.75	30.26	1.553	73.70	164.65	735.24			
5/20/99 11:45	1024.68	30.26	1.549	74.22	165.59	734.70			
5/20/99 12:00	1024.75	30.26	0.929	93.29	199.93	584.60	638.88		
5/20/99 12:15	1024.63	30.26	0.886	99.56	211.21	569.21			
5/20/99 12:30	1024.50	30.25	0.888	100.61	213.10	570.67			
5/20/99 12:45	1024.25	30.25	0.864	101.13	214.04	569.69			
5/20/99 13:00	1024.00	30.24	0.861	101.13	214.04	568.93	570.03		
5/20/99 13:15	1023.88	30.23	0.864	101.85	214.98	570.42			
5/20/99 13:30	1023.88	30.23	0.865	101.39	214.51	570.42			
5/20/99 13:45	1023.75	30.23	0.869	101.13	214.04	571.71			
5/20/99 14:00	1023.63	30.23	0.872	99.30	210.74	571.16	571.02		
5/20/99 14:15	1023.50	30.22	0.874	98.52	209.33	571.41			
5/20/99 14:30	1023.38	30.22	0.873	97.73	207.92	570.42			
5/20/99 14:45	1023.25	30.22	0.877	98.00	208.39	571.90			
5/20/99 15:00	1023.13	30.21	0.881	97.47	207.45	572.73	572.81		
5/20/99 15:15	1022.75	30.20	0.882	98.26	208.88	573.87			
5/20/99 15:30	1022.50	30.19	0.880	99.30	210.74	574.12			
5/20/99 15:45	1022.25	30.19	0.879	100.87	213.57	574.96			
5/20/99 16:00	1022.00	30.18	0.874	101.85	214.98	574.01	573.98		
5/20/99 16:15	1021.75	30.17	0.872	101.91	215.45	573.89			
5/20/99 16:30	1021.50	30.16	0.869	102.44	218.39	573.10			
5/20/99 16:45	1021.50	30.16	0.872	102.96	217.33	574.56			
5/20/99 17:00	1021.38	30.16	0.866	102.70	216.86	572.51	572.56		
5/20/99 17:15	1021.38	30.16	0.866	101.91	215.45	571.72			
5/20/99 17:30	1021.38	30.16	0.865	101.13	214.04	570.92			
5/20/99 17:45	1021.25	30.16	0.864	100.35	212.62	570.16			
5/20/99 18:00	1021.13	30.15	0.866	99.56	211.21	570.62	570.17		
5/20/99 18:15	1021.00	30.15	0.864	99.04	210.27	569.23			
5/20/99 18:30	1020.75	30.14	0.868	98.52	209.33	569.92			
5/20/99 18:45	1020.63	30.14	0.866	97.73	207.92	568.93			
5/20/99 19:00	1020.63	30.14	0.864	97.47	207.45	568.14	569.39		
5/20/99 19:15	1020.63	30.14	0.871	97.21	206.98	569.97			
5/20/99 19:30	1020.50	30.14	0.871	96.95	206.51	570.00			
5/20/99 19:45	1020.63	30.14	0.872	97.73	207.92	570.80			
5/20/99 20:00	1020.75	30.14	0.866	98.52	209.33	569.49	427.71		
5/20/99 20:15	1020.75	30.14	0.500	90.94	195.69	428.25			
5/20/99 20:30	1020.63	30.14	0.000	89.51	157.13	0.00			
5/20/99 20:45	1020.75	30.14	0.000	57.23	135.02	0.00			
5/20/99 21:00	1020.75	30.14	0.000	47.83	118.09	0.00	83.50		
5/20/99 21:15	1020.75	30.14	0.000	41.03	105.86	0.00			
5/20/99 21:30	1020.75	30.14	0.558	36.85	98.33	417.51			
5/20/99 21:45	1020.75	30.14	1.466	63.24	145.84	705.37			
5/20/99 22:00	1020.88	30.15	0.853	91.46	196.63	559.75	560.23		
5/20/99 22:15	1020.88	30.15	0.846	94.08	201.34	559.28			
5/20/99 22:30	1020.88	30.15	0.844	94.60	202.28	559.28			
5/20/99 22:45	1021.00	30.15	0.848	94.86	202.75	560.47			
5/20/99 23:00	1021.00	30.15	0.846	94.60	202.28	559.84	558.91		
5/20/99 23:15	1021.00	30.15	0.838	94.60	202.28	556.95			
5/20/99 23:30	1021.00	30.15	0.842	94.34	201.81	558.21			
5/20/99 23:45	1021.00	30.15	0.841	94.34	201.81	557.78			
5/21/99 0:00	1021.00	30.15	0.839	93.55	200.40	556.79	557.15		
5/21/99 0:15	1020.75	30.14	0.843	92.77	198.99	557.29			
5/21/99 0:30	1020.75	30.14	0.839	91.99	197.57	555.87			
5/21/99 0:45	1020.75	30.14	0.843	91.20	196.16	556.10			
5/21/99 1:00	1020.75	30.14	0.849	90.42	194.75	557.54	556.75		
5/21/99 1:15	1020.88	30.15	0.849	90.16	194.28	557.30			
5/21/99 1:30	1020.88	30.15	0.849	89.63	193.34	557.13			
5/21/99 1:45	1020.88	30.15	0.853	89.11	192.40	557.75			
5/21/99 2:00	1020.75	30.14	0.854	89.11	192.40	558.17	557.84		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/18/99 14:45	1017.13	30.04	0.843	96.43	205.57	561.06			
5/18/99 15:00	1017.00	30.03	0.834	96.95	206.51	558.56	559.98		
5/18/99 15:15	1016.75	30.02	0.837	97.21	206.98	559.89			
5/18/99 15:30	1016.50	30.02	0.837	97.47	207.45	560.16			
5/18/99 15:45	1016.50	30.02	0.838	97.47	207.45	560.36			
5/18/99 16:00	1016.50	30.02	0.837	97.73	207.92	560.36	560.76		
5/18/99 16:15	1016.38	30.01	0.841	97.21	206.98	561.23			
5/18/99 16:30	1016.38	30.01	0.844	96.43	205.57	561.67			
5/18/99 16:45	1016.13	30.01	0.843	95.91	204.63	560.94			
5/18/99 17:00	1015.88	30.00	0.846	95.64	204.16	562.46	562.26		
5/18/99 17:15	1015.75	30.00	0.848	95.64	204.16	562.71			
5/18/99 17:30	1015.88	30.00	0.849	96.17	205.10	563.50			
5/18/99 17:45	1016.00	30.00	0.849	96.43	205.57	563.67			
5/18/99 18:00	1016.13	30.01	0.851	96.43	205.57	564.03	563.96		
5/18/99 18:15	1016.63	30.02	0.854	95.64	204.16	564.32			
5/18/99 18:30	1016.88	30.03	0.855	95.12	203.22	564.28			
5/18/99 18:45	1017.00	30.03	0.853	96.17	205.10	564.42			
5/18/99 19:00	1017.00	30.03	0.849	96.95	206.51	563.79	563.45		
5/18/99 19:15	1017.25	30.04	0.846	97.47	207.45	563.05			
5/18/99 19:30	1017.50	30.05	0.841	98.00	208.39	561.72			
5/18/99 19:45	1017.63	30.05	0.840	98.26	208.86	561.48			
5/18/99 20:00	1017.75	30.05	0.838	98.26	208.86	560.61	560.72		
5/18/99 20:15	1018.00	30.06	0.837	98.00	208.39	560.14			
5/18/99 20:30	1018.25	30.07	0.837	97.47	207.45	559.66			
5/18/99 20:45	1018.50	30.08	0.835	97.21	206.98	558.78			
5/18/99 21:00	1018.75	30.08	0.841	96.17	205.10	559.79	559.54		
5/18/99 21:15	1018.75	30.08	0.842	95.38	203.69	559.62			
5/18/99 21:30	1018.88	30.09	0.846	94.08	201.34	559.82			
5/18/99 21:45	1019.13	30.09	0.844	93.29	199.93	558.53			
5/18/99 22:00	1019.50	30.11	0.843	92.77	198.99	557.63	558.50		
5/18/99 22:15	1019.88	30.12	0.848	92.25	198.04	558.78			
5/18/99 22:30	1019.88	30.12	0.846	91.72	197.10	557.76			
5/18/99 22:45	1020.25	30.13	0.852	91.72	197.10	559.73			
5/18/99 23:00	1020.38	30.13	0.852	91.99	197.57	559.89	558.31		
5/18/99 23:15	1020.38	30.13	0.845	92.77	198.99	558.22			
5/18/99 23:30	1020.38	30.13	0.838	93.03	199.46	555.93			
5/18/99 23:45	1020.38	30.13	0.838	93.61	200.87	556.73			
5/19/99 0:00	1020.38	30.13	0.834	93.81	200.87	555.26	555.66		
5/19/99 0:15	1020.25	30.13	0.833	94.34	201.81	555.49			
5/19/99 0:30	1020.25	30.13	0.833	93.55	200.40	554.90			
5/19/99 0:45	1020.25	30.13	0.833	93.81	200.87	555.10			
5/19/99 1:00	1020.38	30.13	0.836	93.29	199.93	555.50	555.37		
5/19/99 1:15	1020.38	30.13	0.839	92.25	198.04	555.74			
5/19/99 1:30	1020.25	30.13	0.840	91.46	196.63	555.60			
5/19/99 1:45	1020.25	30.13	0.841	90.42	194.75	555.20			
5/19/99 2:00	1020.25	30.13	0.845	89.63	193.34	555.86	554.50		
5/19/99 2:15	1020.13	30.12	0.837	89.63	193.34	553.22			
5/19/99 2:30	1020.13	30.12	0.836	89.11	192.40	552.59			
5/19/99 2:45	1020.25	30.13	0.843	88.59	191.46	554.43			
5/19/99 3:00	1020.25	30.13	0.844	88.59	191.46	554.63	553.96		
5/19/99 3:15	1020.38	30.13	0.840	89.63	193.34	554.18			
5/19/99 3:30	1020.38	30.13	0.837	90.68	195.22	553.95			
5/19/99 3:45	1020.50	30.14	0.833	91.46	196.63	553.05			
5/19/99 4:00	1020.63	30.14	0.828	91.72	197.10	551.75	552.47		
5/19/99 4:15	1020.75	30.14	0.828	91.99	197.57	551.92			
5/19/99 4:30	1020.75	30.14	0.826	92.51	198.51	551.68			
5/19/99 4:45	1020.75	30.14	0.826	92.77	198.99	551.67			
5/19/99 5:00	1020.75	30.14	0.828	92.25	198.04	551.91	551.95		
5/19/99 5:15	1020.88	30.15	0.831	91.46	196.63	552.52			
5/19/99 5:30	1020.88	30.15	0.832	90.42	194.75	551.96			
5/19/99 5:45	1021.00	30.15	0.837	89.90	193.81	553.18			
5/19/99 6:00	1021.00	30.15	0.839	89.37	192.87	553.38	553.27		
5/19/99 6:15	1021.00	30.15	0.842	88.85	191.93	554.03			
5/19/99 6:30	1021.13	30.15	0.843	88.07	190.52	553.79			
5/19/99 6:45	1021.25	30.16	0.843	88.07	190.52	553.56			
5/19/99 7:00	1021.38	30.16	0.846	88.33	190.99	554.94	554.81		
5/19/99 7:15	1021.63	30.17	0.851	88.59	191.46	556.52			
5/19/99 7:30	1021.63	30.17	0.844	89.90	193.81	555.26			
5/19/99 7:45	1021.63	30.17	0.845	91.46	196.63	556.88			
5/19/99 8:00	1021.75	30.17	0.841	92.77	198.99	556.39	556.72		
5/19/99 8:15	1021.75	30.17	0.839	94.34	201.81	556.95			
5/19/99 8:30	1021.88	30.18	0.840	95.38	203.69	558.14			
5/19/99 8:45	1022.00	30.18	0.838	95.91	204.63	557.23			
5/19/99 9:00	1022.13	30.18	0.839	95.64	204.16	557.63	557.24		
5/19/99 9:15	1022.13	30.18	0.833	95.64	204.16	555.97			
5/19/99 9:30	1022.25	30.19	0.837	95.38	203.69	557.00			
5/19/99 9:45	1022.38	30.19	0.840	94.86	202.75	557.61			
5/19/99 10:00	1022.38	30.19	0.846	94.08	201.34	558.87	558.19		
5/19/99 10:15	1022.50	30.19	0.848	93.55	200.40	558.63			
5/19/99 10:30	1022.50	30.19	0.848	93.03	199.46	558.86			
5/19/99 10:45	1022.50	30.19	0.851	93.29	199.93	559.88			
5/19/99 11:00	1022.75	30.20	0.852	92.77	198.99	559.84	559.65		
5/19/99 11:15	1022.75	30.20	0.851	92.77	198.99	559.61			
5/19/99 11:30	1022.75	30.20	0.854	93.29	199.93	561.06			
5/19/99 11:45	1022.75	30.20	0.860	93.03	199.46	562.70			
5/19/99 12:00	1022.88	30.21	0.851	94.34	201.81	560.58	561.78		
5/19/99 12:15	1022.75	30.20	0.851	95.64	204.16	561.61			
5/19/99 12:30	1022.75	30.20	0.852	96.69	206.04	562.83			
5/19/99 12:45	1022.75	30.20	0.848	98.26	208.88	562.56			
5/19/99 13:00	1022.75	30.20	0.846	98.78	209.80	562.53	562.77		
5/19/99 13:15	1022.63	30.20	0.846	99.30	210.74	562.76			
5/19/99 13:30	1022.63	30.20	0.846	99.56	211.21	563.15			
5/19/99 13:45	1022.50	30.19	0.854	99.30	210.74	565.48			
5/19/99 14:00	1022.50	30.19	0.852	98.78	209.80	564.49	564.97		
5/19/99 14:15	1022.38	30.19	0.854	99.04	210.27	565.55			
5/19/99 14:30	1022.38	30.19	0.858	98.52	209.33	566.18			
5/19/99 14:45	1022.38	30.19	0.863	98.52	209.33	567.82			
5/19/99 15:00	1022.38	30.19	0.862	97.73	207.92	567.03	567.04		
5/19/99 15:15	1022.25	30.19	0.865	96.69	206.04	567.28			
5/19/99 15:30	1022.13	30.18	0.864	96.69	206.04	566.89			
5/19/99 15:45	1022.00	30.18	0.866	96.43	205.57	567.54			
5/19/99 16:00	1021.88	30.18	0.869	97.47	207.45	569.20	568.45		
5/19/99 16:15	1021.88	30.16	0.870	96.95	206.51	569.22			
5/19/99 16:30	1021.86	30.18	0.871	96.95	206.51	569.42			
5/19/99 16:45	1021.75	30.17	0.871	96.95	206.51	569.65			
5/19/99 17:00	1021.75	30.17	0.880	96.69	206.04	572.32	570.71		
5/19/99 17:15	1021.75	30.17	0.878	96.69	206.04	571.08			
5/19/99 17:30	1021.75	30.17	0.873	98.00	208.39	571.06			
5/19/99 17:45	1021.63	30.17	0.873	99.56	211.21	572.12			
5/19/99 18:00	1021.63	30.17	0.866	100.61	213.10	571.26	571.17		
5/19/99 18:15	1021.50	30.16	0.867	101.13	214.04	571.51			
5/19/99 18:30	1021.50	30.16	0.863	100.61	213.10	569.86			
5/19/99 18:45	1021.50	30.16	0.859	100.67	213.57	568.60			
5/19/99 19:00	1021.50	30.16	0.758	99.56	211.21	532.66	334.22		
5/19/99 19:15	1021.50	30.16	0.000	75.79	168.41	0.00			
5/19/99 19:30	1021.50	30.16	0.000	63.24	145.84	0.00			
5/19/99 19:45	1021.63	30.17	0.000	53.05	127.49	0.00			
5/19/99 20:00	1021.50	30.16	0.000	46.00	114.60	0.00	60.86		
5/19/99 20:15	1021.75	30.17	0.000	40.25	104.45	0.00			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/17/99 9:00	1019.50	30.11	0.853	96.69	206.04	563.93	563.91		
5/17/99 9:15	1019.25	30.10	0.851	96.17	205.10	563.17			
5/17/99 9:30	1019.13	30.09	0.857	96.43	205.57	565.28			
5/17/99 9:45	1018.88	30.09	0.859	96.95	206.51	566.35			
5/17/99 10:00	1019.00	30.09	0.859	96.95	206.51	566.54	566.42		
5/17/99 10:15	1019.00	30.09	0.858	97.21	206.98	566.12			
5/17/99 10:30	1018.88	30.09	0.862	97.47	207.45	567.80			
5/17/99 10:45	1018.63	30.08	0.864	97.47	207.45	568.46			
5/17/99 11:00	1018.50	30.08	0.868	98.00	208.39	570.15	569.69		
5/17/99 11:15	1018.25	30.07	0.866	99.30	210.74	570.79			
5/17/99 11:30	1018.13	30.07	0.865	100.35	212.62	571.23			
5/17/99 11:45	1018.13	30.07	0.863	101.39	214.51	571.20			
5/17/99 12:00	1018.00	30.06	0.859	102.44	216.39	570.77	571.19		
5/17/99 12:15	1018.00	30.06	0.859	102.96	217.33	571.40			
5/17/99 12:30	1018.00	30.06	0.858	103.48	218.27	571.37			
5/17/99 12:45	1017.88	30.06	0.856	103.74	218.74	570.77			
5/17/99 13:00	1017.75	30.05	0.855	104.01	219.21	570.80	571.30		
5/17/99 13:15	1017.75	30.05	0.857	104.01	219.21	571.43			
5/17/99 13:30	1017.50	30.05	0.859	103.74	218.74	572.14			
5/17/99 13:45	1017.50	30.05	0.860	103.48	218.27	572.14			
5/17/99 14:00	1017.50	30.05	0.862	102.70	216.86	572.17	572.36		
5/17/99 14:15	1017.00	30.03	0.865	102.44	216.39	573.14			
5/17/99 14:30	1016.75	30.02	0.863	102.18	215.92	572.19			
5/17/99 14:45	1016.50	30.02	0.863	102.18	215.92	572.46			
5/17/99 15:00	1016.13	30.01	0.868	101.65	214.98	573.62	572.72		
5/17/99 15:15	1015.75	30.00	0.866	101.39	214.51	573.10			
5/17/99 15:30	1015.88	30.00	0.864	101.39	214.51	572.23			
5/17/99 15:45	1015.88	30.00	0.864	101.65	214.98	572.43			
5/17/99 16:00	1015.75	30.00	0.864	101.39	214.51	572.50	573.18		
5/17/99 16:15	1015.75	30.00	0.868	101.65	214.98	573.73			
5/17/99 16:30	1015.63	29.99	0.872	101.39	214.51	575.01			
5/17/99 16:45	1015.50	29.99	0.870	101.91	215.45	574.82			
5/17/99 17:00	1015.25	29.98	0.868	102.70	216.86	574.86	573.89		
5/17/99 17:15	1015.13	29.98	0.863	102.18	215.92	572.64			
5/17/99 17:30	1014.88	29.97	0.860	102.18	215.92	571.88			
5/17/99 17:45	1014.63	29.96	0.861	102.18	215.92	572.15			
5/17/99 18:00	1014.50	29.96	0.854	102.18	215.92	570.12	570.77		
5/17/99 18:15	1014.38	29.95	0.654	102.18	215.92	569.93			
5/17/99 18:30	1014.25	29.95	0.653	102.18	215.92	569.76			
5/17/99 18:45	1014.25	29.95	0.849	102.18	215.92	568.52			
5/17/99 19:00	1014.13	29.95	0.851	102.18	215.92	568.96	568.31		
5/17/99 19:15	1014.25	29.95	0.846	102.18	215.92	567.45			
5/17/99 19:30	1014.25	29.95	0.846	101.65	214.98	566.86			
5/17/99 19:45	1014.13	29.95	0.845	100.87	213.57	566.10			
5/17/99 20:00	1014.13	29.95	0.852	99.82	211.68	567.61	566.81		
5/17/99 20:15	1014.25	29.95	0.850	99.04	210.27	566.35			
5/17/99 20:30	1014.50	29.96	0.854	98.26	208.86	567.14			
5/17/99 20:45	1015.00	29.97	0.853	97.47	207.45	565.97			
5/17/99 21:00	1015.25	29.98	0.855	97.47	207.45	566.53	566.15		
5/17/99 21:15	1015.63	29.99	0.852	97.21	206.98	565.20			
5/17/99 21:30	1016.00	30.00	0.854	97.21	206.98	565.92			
5/17/99 21:45	1018.00	30.00	0.854	97.21	206.98	565.92			
5/17/99 22:00	1016.63	30.02	0.861	96.95	206.51	567.80	565.98		
5/17/99 22:15	1017.75	30.05	0.859	95.91	204.63	565.86			
5/17/99 22:30	1017.88	30.06	0.856	95.38	203.69	564.40			
5/17/99 22:45	1018.00	30.06	0.853	95.38	203.89	563.54			
5/17/99 23:00	1017.88	30.06	0.848	95.64	204.16	562.12	562.94		
5/17/99 23:15	1017.75	30.05	0.849	95.91	204.63	562.79			
5/17/99 23:30	1017.25	30.04	0.846	96.17	205.10	561.86			
5/17/99 23:45	1016.63	30.02	0.835	96.95	206.51	559.09			
5/18/99 0:00	1016.00	30.00	0.829	96.95	206.51	557.15	558.19		
5/18/99 0:15	1015.38	29.98	0.829	96.69	206.04	557.13			
5/18/99 0:30	1015.25	29.98	0.828	96.17	205.10	555.73			
5/18/99 0:45	1015.38	29.98	0.824	96.17	205.10	555.29			
5/18/99 1:00	1015.38	29.98	0.827	96.17	205.10	556.13	555.77		
5/18/99 1:15	1015.00	29.97	0.826	95.91	204.63	555.60			
5/18/99 1:30	1014.88	29.97	0.830	94.60	202.28	556.12			
5/18/99 1:45	1015.13	29.98	0.834	93.55	200.40	556.50			
5/18/99 2:00	1015.13	29.98	0.833	92.51	198.51	555.51	555.98		
5/18/99 2:15	1015.25	29.98	0.836	91.99	197.57	555.91			
5/18/99 2:30	1015.38	29.98	0.836	91.72	197.10	555.87			
5/18/99 2:45	1015.50	29.99	0.837	92.51	198.51	556.67			
5/18/99 3:00	1015.63	29.99	0.839	91.99	197.57	557.07	557.45		
5/18/99 3:15	1015.63	29.99	0.846	91.72	197.10	558.92			
5/18/99 3:30	1015.63	29.99	0.844	92.25	198.04	558.69			
5/18/99 3:45	1015.75	30.00	0.840	93.03	199.46	556.03			
5/18/99 4:00	1015.63	29.99	0.839	94.08	201.34	556.43	558.44		
5/18/99 4:15	1015.50	29.99	0.838	94.60	202.28	558.86			
5/18/99 4:30	1015.63	29.99	0.836	95.12	203.22	558.39			
5/18/99 4:45	1015.63	29.99	0.839	95.64	204.16	559.85			
5/18/99 5:00	1015.75	30.00	0.834	95.64	204.16	557.91	557.84		
5/18/99 5:15	1015.75	30.00	0.830	95.64	204.16	556.67			
5/18/99 5:30	1016.13	30.01	0.829	95.64	204.16	556.37			
5/18/99 5:45	1018.13	30.01	0.829	95.91	204.63	556.57			
5/18/99 6:00	1016.00	30.00	0.827	96.17	205.10	555.96	556.30		
5/18/99 6:15	1016.13	30.01	0.826	96.43	205.57	555.88			
5/18/99 6:30	1016.25	30.01	0.830	95.91	204.63	556.73			
5/18/99 6:45	1016.13	30.01	0.832	95.38	203.69	557.01			
5/18/99 7:00	1016.00	30.00	0.836	94.08	201.34	557.49	557.28		
5/18/99 7:15	1016.13	30.01	0.838	94.08	201.34	557.89			
5/18/99 7:30	1016.25	30.01	0.837	93.55	200.40	557.26			
5/18/99 7:45	1016.63	30.02	0.838	92.77	198.99	556.96			
5/18/99 8:00	1016.63	30.02	0.842	93.03	199.46	558.42	558.56		
5/18/99 8:15	1016.63	30.02	0.843	93.29	199.93	558.82			
5/18/99 8:30	1016.50	30.02	0.851	92.77	198.99	561.33			
5/18/99 8:45	1016.38	30.01	0.851	93.03	199.46	561.56			
5/18/99 9:00	1016.38	30.01	0.848	94.60	202.28	561.54	561.04		
5/18/99 9:15	1018.50	30.02	0.841	95.64	204.16	560.21			
5/18/99 9:30	1018.63	30.02	0.841	96.43	205.57	560.57			
5/18/99 9:45	1016.63	30.02	0.838	96.95	206.51	559.93			
5/18/99 10:00	1016.75	30.02	0.836	97.47	207.45	559.86	560.09		
5/18/99 10:15	1016.88	30.03	0.837	97.73	207.92	560.25			
5/18/99 10:30	1016.75	30.02	0.834	98.26	208.86	559.84			
5/18/99 10:45	1016.63	30.02	0.839	98.26	208.86	561.32			
5/18/99 11:00	1016.75	30.02	0.837	98.26	208.86	560.68	560.75		
5/18/99 11:15	1016.88	30.03	0.838	98.00	208.39	560.85			
5/18/99 11:30	1017.00	30.03	0.839	97.73	207.92	561.05			
5/18/99 11:45	1017.13	30.04	0.845	97.21	206.98	562.49			
5/18/99 12:00	1017.25	30.04	0.848	96.43	205.57	562.69	561.59		
5/18/99 12:15	1017.38	30.04	0.846	95.38	203.69	561.86			
5/18/99 12:30	1017.25	30.04	0.844	94.34	201.81	559.84			
5/18/99 12:45	1017.13	30.04	0.847	93.55	200.40	560.34			
5/18/99 13:00	1017.25	30.04	0.847	93.29	199.93	560.10	560.10		
5/18/99 13:15	1017.00	30.03	0.846	93.55	200.40	559.94			
5/18/99 13:30	1017.25	30.04	0.849	92.77	198.99	560.30			
5/18/99 13:45	1017.25	30.04	0.849	93.55	200.40	561.13			
5/18/99 14:00	1017.25	30.04	0.847	94.60	202.28	561.10	560.73		
5/18/99 14:15	1017.25	30.04	0.844	95.38	203.69	560.87			
5/18/99 14:30	1017.25	30.04	0.842	95.64	204.16	560.24			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/16/99 3:15	1019.38	30.10	0.861	95.12	203.22	565.63			
5/16/99 3:30	1019.13	30.09	0.859	94.60	202.28	564.71			
5/16/99 3:45	1019.25	30.10	0.861	94.34	201.81	565.06			
5/16/99 4:00	1019.38	30.10	0.862	94.34	201.81	565.28	565.81		
5/16/99 4:15	1019.50	30.11	0.869	94.08	201.34	567.25			
5/16/99 4:30	1019.63	30.11	0.864	94.34	201.81	565.78			
5/16/99 4:45	1019.75	30.11	0.866	95.64	204.16	567.57			
5/16/99 5:00	1019.88	30.12	0.863	96.69	206.04	567.32	567.04		
5/16/99 5:15	1019.88	30.12	0.864	97.21	206.98	567.91			
5/16/99 5:30	1020.00	30.12	0.859	97.73	207.92	566.63			
5/16/99 5:45	1019.88	30.12	0.856	98.26	208.86	566.24			
5/16/99 6:00	1019.88	30.12	0.855	98.52	209.33	566.04	566.05		
5/16/99 6:15	1020.13	30.12	0.855	98.52	209.33	565.97			
5/16/99 6:30	1020.00	30.12	0.853	98.52	209.33	565.38			
5/16/99 6:45	1020.25	30.13	0.854	98.28	208.86	565.31			
5/16/99 7:00	1020.38	30.13	0.854	97.73	207.92	564.88	565.71		
5/16/99 7:15	1020.38	30.13	0.861	97.21	206.98	566.95			
5/16/99 7:30	1020.75	30.14	0.860	96.69	206.04	566.05			
5/16/99 7:45	1020.75	30.14	0.863	96.17	205.10	566.87			
5/16/99 8:00	1020.88	30.15	0.866	95.91	204.63	567.26	567.37		
5/16/99 8:15	1021.00	30.15	0.868	95.91	204.63	568.04			
5/16/99 8:30	1021.13	30.15	0.870	96.17	205.10	568.83			
5/16/99 8:45	1021.13	30.15	0.872	96.17	205.10	569.45			
5/16/99 9:00	1021.38	30.18	0.874	96.43	205.57	570.17	570.04		
5/16/99 9:15	1021.38	30.18	0.872	97.73	207.92	570.59			
5/16/99 9:30	1021.38	30.18	0.871	99.04	210.27	571.16			
5/16/99 9:45	1021.25	30.16	0.871	100.09	212.15	572.20			
5/16/99 10:00	1021.13	30.15	0.866	101.13	214.04	571.39	572.01		
5/16/99 10:15	1021.00	30.15	0.869	101.91	215.45	573.07			
5/16/99 10:30	1020.88	30.15	0.866	102.44	216.39	572.25			
5/16/99 10:45	1021.00	30.15	0.864	102.70	216.86	571.79			
5/16/99 11:00	1020.88	30.15	0.866	103.48	218.27	573.25	573.19		
5/16/99 11:15	1020.75	30.14	0.869	103.48	218.27	574.11			
5/16/99 11:30	1020.63	30.14	0.869	103.74	218.74	574.57			
5/16/99 11:45	1020.50	30.14	0.867	103.48	218.27	573.56			
5/16/99 12:00	1020.25	30.13	0.873	102.96	217.33	575.11	574.87		
5/16/99 12:15	1020.25	30.13	0.873	102.70	216.86	574.91			
5/16/99 12:30	1020.13	30.12	0.877	102.44	216.39	576.19			
5/16/99 12:45	1019.88	30.12	0.878	102.18	215.92	576.45			
5/16/99 13:00	1019.63	30.11	0.879	102.18	215.92	576.72	576.53		
5/16/99 13:15	1019.50	30.11	0.878	102.18	215.92	576.56			
5/16/99 13:30	1019.50	30.11	0.879	102.18	215.92	576.76			
5/16/99 13:45	1019.38	30.10	0.878	102.18	215.92	576.40			
5/16/99 14:00	1019.50	30.11	0.881	102.18	215.92	577.38	577.39		
5/16/99 14:15	1019.50	30.11	0.884	101.91	215.45	578.42			
5/16/99 14:30	1019.38	30.10	0.880	103.22	217.80	578.02			
5/16/99 14:45	1019.25	30.10	0.882	104.01	219.21	579.28			
5/16/99 15:00	1019.13	30.09	0.880	104.53	220.15	579.09	579.10		
5/16/99 15:15	1019.25	30.10	0.881	105.05	221.09	579.85			
5/16/99 15:30	1019.25	30.10	0.878	105.57	222.03	579.23			
5/16/99 15:45	1019.00	30.09	0.874	105.83	222.50	578.28			
5/16/99 16:00	1018.88	30.09	0.873	106.36	223.44	578.28	577.73		
5/16/99 16:15	1018.88	30.09	0.868	106.10	222.97	576.43			
5/16/99 16:30	1018.88	30.09	0.869	105.83	222.50	576.43			
5/16/99 16:45	1018.75	30.08	0.866	105.83	222.50	575.83			
5/16/99 17:00	1018.75	30.08	0.869	105.83	222.50	576.89	576.17		
5/16/99 17:15	1018.63	30.08	0.870	105.57	222.03	576.73			
5/16/99 17:30	1018.50	30.08	0.866	104.79	220.62	575.34			
5/16/99 17:45	1018.38	30.07	0.871	104.27	219.68	576.00			
5/16/99 18:00	1018.13	30.07	0.874	104.01	219.21	577.13	576.37		
5/16/99 18:15	1018.00	30.06	0.874	103.48	218.27	576.77			
5/16/99 18:30	1017.88	30.06	0.876	102.70	216.86	576.60			
5/16/99 18:45	1017.63	30.05	0.875	102.44	216.39	576.27			
5/16/99 19:00	1017.50	30.05	0.871	102.18	215.92	574.85	575.51		
5/16/99 19:15	1017.63	30.05	0.874	101.65	214.98	575.24			
5/16/99 19:30	1017.88	30.06	0.873	101.39	214.51	574.58			
5/16/99 19:45	1017.88	30.06	0.877	101.13	214.04	575.82			
5/16/99 20:00	1018.00	30.06	0.877	101.13	214.04	575.79	575.07		
5/16/99 20:15	1018.13	30.07	0.874	101.91	215.45	575.30			
5/16/99 20:30	1016.13	30.07	0.866	102.44	216.39	573.85			
5/16/99 20:45	1018.00	30.06	0.864	102.70	218.88	572.86			
5/16/99 21:00	1018.00	30.06	0.857	102.44	218.39	570.17	570.35		
5/16/99 21:15	1018.00	30.06	0.850	102.70	216.86	568.07			
5/16/99 21:30	1016.13	30.07	0.847	102.44	216.39	566.60			
5/16/99 21:45	1018.13	30.07	0.841	101.91	215.45	564.50			
5/16/99 22:00	1017.75	30.05	0.841	101.85	214.98	564.20	564.56		
5/16/99 22:15	1016.00	30.06	0.840	101.85	214.98	563.93			
5/16/99 22:30	1018.13	30.07	0.839	101.65	214.98	563.46			
5/16/99 22:45	1018.13	30.07	0.842	101.39	214.51	564.34			
5/16/99 23:00	1018.25	30.07	0.843	100.87	213.57	564.11	564.21		
5/16/99 23:15	1018.00	30.06	0.848	100.35	212.62	565.46			
5/16/99 23:30	1017.88	30.06	0.844	99.30	210.74	563.67			
5/16/99 23:45	1017.75	30.05	0.847	98.78	209.80	564.14			
5/17/99 0:00	1017.88	30.06	0.851	98.52	209.33	565.34	564.49		
5/17/99 0:15	1017.88	30.06	0.851	98.00	208.39	564.94			
5/17/99 0:30	1017.75	30.05	0.850	97.73	207.92	564.38			
5/17/99 0:45	1017.88	30.06	0.853	97.47	207.45	565.17			
5/17/99 1:00	1018.00	30.06	0.859	97.21	206.98	567.02	566.40		
5/17/99 1:15	1016.00	30.06	0.862	97.21	206.98	567.84			
5/17/99 1:30	1018.00	30.06	0.859	98.26	208.86	567.59			
5/17/99 1:45	1018.13	30.07	0.860	99.04	210.27	568.58			
5/17/99 2:00	1018.13	30.07	0.857	99.56	211.21	567.95	567.43		
5/17/99 2:15	1018.00	30.06	0.852	100.09	212.15	566.73			
5/17/99 2:30	1018.00	30.06	0.851	100.09	212.15	566.29			
5/17/99 2:45	1018.00	30.06	0.847	100.35	212.62	565.26			
5/17/99 3:00	1018.00	30.06	0.847	100.61	213.10	565.46	565.21		
5/17/99 3:15	1016.00	30.06	0.845	100.61	213.10	564.82			
5/17/99 3:30	1017.88	30.06	0.844	100.35	212.62	564.22			
5/17/99 3:45	1017.88	30.06	0.848	99.82	211.68	565.10			
5/17/99 4:00	1017.75	30.05	0.851	99.04	210.27	565.57	564.92		
5/17/99 4:15	1017.88	30.06	0.851	98.26	208.86	565.14			
5/17/99 4:30	1017.75	30.05	0.851	97.47	207.45	564.58			
5/17/99 4:45	1017.75	30.05	0.854	96.95	206.51	565.01			
5/17/99 5:00	1018.00	30.06	0.855	96.17	205.10	564.77	564.40		
5/17/99 5:15	1018.00	30.06	0.854	95.91	204.63	564.14			
5/17/99 5:30	1018.13	30.07	0.853	95.64	204.16	563.51			
5/17/99 5:45	1018.13	30.07	0.865	95.38	203.69	567.42			
5/17/99 6:00	1018.13	30.07	0.862	95.91	204.63	566.81	566.16		
5/17/99 6:15	1018.50	30.08	0.859	97.21	206.98	566.65			
5/17/99 6:30	1018.63	30.08	0.857	97.73	207.92	566.42			
5/17/99 6:45	1018.63	30.06	0.856	98.52	209.33	566.59			
5/17/99 7:00	1018.75	30.08	0.851	99.04	210.27	565.29	564.75		
5/17/99 7:15	1019.00	30.09	0.848	98.52	209.33	563.36			
5/17/99 7:30	1019.25	30.10	0.844	97.73	207.92	562.10			
5/17/99 7:45	1019.38	30.10	0.844	97.73	207.92	562.07			
5/17/99 8:00	1019.50	30.11	0.843	98.26	208.86	561.80	562.09		
5/17/99 8:15	1019.50	30.11	0.843	98.00	208.39	561.60			
5/17/99 8:30	1019.50	30.11	0.848	97.47	207.45	562.88			
5/17/99 8:45	1019.63	30.11	0.853	97.21	206.98	564.29			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/14/99 21:30	1019.00	30.09	0.848	95.38	203.69	561.41			
5/14/99 21:45	1019.25	30.10	0.848	95.64	204.16	561.11			
5/14/99 22:00	1019.50	30.11	0.846	95.38	203.69	560.85	561.03		
5/14/99 22:15	1019.75	30.11	0.847	95.12	203.22	560.81			
5/14/99 22:30	1019.88	30.12	0.849	94.60	202.28	560.97			
5/14/99 22:45	1020.00	30.12	0.854	93.55	200.40	561.79			
5/14/99 23:00	1020.13	30.12	0.853	92.77	198.99	560.96	561.37		
5/14/99 23:15	1020.25	30.13	0.858	91.72	197.10	560.94			
5/14/99 23:30	1020.25	30.13	0.860	91.46	196.63	562.18			
5/14/99 23:45	1020.00	30.12	0.861	90.94	195.69	562.24			
5/15/99 0:00	1020.00	30.12	0.859	90.42	194.75	561.25	562.06		
5/15/99 0:15	1020.13	30.12	0.864	90.16	194.28	562.41			
5/15/99 0:30	1020.00	30.12	0.861	90.94	195.69	562.24			
5/15/99 0:45	1020.00	30.12	0.860	91.99	197.57	562.65			
5/15/99 1:00	1020.00	30.12	0.855	92.51	198.51	561.42	561.64		
5/15/99 1:15	1020.13	30.12	0.853	93.03	199.46	560.98			
5/15/99 1:30	1020.13	30.12	0.851	93.55	200.40	560.93			
5/15/99 1:45	1020.25	30.13	0.848	93.81	200.87	559.88			
5/15/99 2:00	1020.25	30.13	0.848	93.81	200.87	560.07	559.73		
5/15/99 2:15	1020.13	30.12	0.845	93.81	200.87	559.06			
5/15/99 2:30	1020.13	30.12	0.846	93.03	199.46	558.68			
5/15/99 2:45	1020.13	30.12	0.846	93.03	199.46	558.88			
5/15/99 3:00	1020.25	30.13	0.853	91.72	197.10	559.92	559.31		
5/15/99 3:15	1020.25	30.13	0.854	90.68	195.22	559.74			
5/15/99 3:30	1020.25	30.13	0.856	89.63	193.34	559.33			
5/15/99 3:45	1020.25	30.13	0.856	88.85	191.93	558.73			
5/15/99 4:00	1020.38	30.13	0.859	88.59	191.46	559.50	559.22		
5/15/99 4:15	1020.50	30.14	0.858	88.59	191.46	558.65			
5/15/99 4:30	1020.63	30.14	0.860	88.59	191.46	559.88			
5/15/99 4:45	1020.75	30.14	0.862	88.85	191.93	560.64			
5/15/99 5:00	1020.75	30.14	0.856	89.63	193.34	559.39	559.07		
5/15/99 5:15	1020.75	30.14	0.850	90.68	195.22	558.16			
5/15/99 5:30	1020.88	30.15	0.846	91.20	196.16	557.28			
5/15/99 5:45	1020.88	30.15	0.848	91.72	197.10	558.31			
5/15/99 6:00	1021.00	30.15	0.848	92.25	198.04	558.47	558.09		
5/15/99 6:15	1021.25	30.16	0.846	91.99	197.57	557.78			
5/15/99 6:30	1021.38	30.16	0.850	91.46	196.63	558.59			
5/15/99 6:45	1021.38	30.16	0.854	90.42	194.75	559.24			
5/15/99 7:00	1021.63	30.17	0.858	89.63	193.34	559.58	559.15		
5/15/99 7:15	1021.63	30.17	0.859	88.85	191.93	559.59			
5/15/99 7:30	1021.75	30.17	0.857	88.85	191.93	558.74			
5/15/99 7:45	1022.00	30.18	0.858	89.11	192.40	559.27			
5/15/99 8:00	1022.25	30.19	0.864	89.37	192.87	561.22	560.67		
5/15/99 8:15	1022.50	30.19	0.861	89.90	193.81	560.55			
5/15/99 8:30	1022.63	30.20	0.869	90.16	194.28	563.58			
5/15/99 8:45	1022.63	30.20	0.869	91.20	196.16	564.39			
5/15/99 9:00	1022.50	30.19	0.866	92.77	198.99	564.59	564.23		
5/15/99 9:15	1022.50	30.19	0.863	93.81	200.87	564.19			
5/15/99 9:30	1022.38	30.19	0.860	95.12	203.22	564.40			
5/15/99 9:45	1022.13	30.18	0.856	96.69	206.04	564.42			
5/15/99 10:00	1022.38	30.19	0.855	97.47	207.45	564.55	564.87		
5/15/99 10:15	1022.38	30.19	0.857	98.00	208.39	565.58			
5/15/99 10:30	1022.25	30.19	0.855	98.52	209.33	565.38			
5/15/99 10:45	1022.13	30.18	0.855	98.52	209.33	565.42			
5/15/99 11:00	1022.13	30.18	0.857	98.52	209.33	566.05	566.27		
5/15/99 11:15	1022.00	30.18	0.859	98.26	208.86	566.71			
5/15/99 11:30	1021.88	30.18	0.864	97.47	207.45	567.79			
5/15/99 11:45	1021.75	30.17	0.866	97.21	206.98	568.02			
5/15/99 12:00	1021.63	30.17	0.868	96.95	206.51	568.87	568.40		
5/15/99 12:15	1021.50	30.16	0.869	96.69	206.04	568.93			
5/15/99 12:30	1021.25	30.16	0.868	96.95	206.51	568.58			
5/15/99 12:45	1021.13	30.15	0.868	96.95	206.51	568.81			
5/15/99 13:00	1020.75	30.14	0.871	96.95	206.51	569.93	570.11		
5/15/99 13:15	1020.63	30.14	0.874	96.69	206.04	570.56			
5/15/99 13:30	1020.50	30.14	0.879	97.21	206.98	572.65			
5/15/99 13:45	1020.25	30.13	0.881	98.52	209.33	574.35			
5/15/99 14:00	1020.13	30.12	0.878	99.82	211.68	574.38	573.31		
5/15/99 14:15	1019.88	30.12	0.875	100.87	213.57	574.43			
5/15/99 14:30	1019.75	30.11	0.862	101.65	214.98	570.75			
5/15/99 14:45	1019.75	30.11	0.858	102.44	216.39	570.06			
5/15/99 15:00	1019.63	30.11	0.855	102.70	216.88	569.29	570.11		
5/15/99 15:15	1019.75	30.11	0.859	102.70	216.88	570.48			
5/15/99 15:30	1019.38	30.10	0.856	102.96	217.33	569.95			
5/15/99 15:45	1019.25	30.10	0.854	102.96	217.33	569.15			
5/15/99 16:00	1019.38	30.10	0.856	102.70	216.88	569.75	569.89		
5/15/99 16:15	1019.38	30.10	0.859	102.44	216.39	570.62			
5/15/99 16:30	1019.38	30.10	0.859	101.91	215.45	569.99			
5/15/99 16:45	1019.50	30.11	0.863	101.13	214.04	570.62			
5/15/99 17:00	1019.63	30.11	0.861	100.87	213.57	569.95	570.32		
5/15/99 17:15	1019.63	30.11	0.865	100.09	212.15	570.61			
5/15/99 17:30	1019.50	30.11	0.864	99.82	211.66	570.25			
5/15/99 17:45	1019.38	30.10	0.866	99.30	210.74	570.48			
5/15/99 18:00	1019.25	30.10	0.865	99.04	210.27	569.92	569.97		
5/15/99 18:15	1019.38	30.10	0.863	98.78	209.80	568.86			
5/15/99 18:30	1019.25	30.10	0.866	98.26	208.86	570.34			
5/15/99 18:45	1019.13	30.09	0.873	97.73	207.92	571.61			
5/15/99 19:00	1018.75	30.08	0.870	99.04	210.27	571.70	571.35		
5/15/99 19:15	1018.75	30.08	0.867	99.56	211.21	571.08			
5/15/99 19:30	1018.88	30.09	0.868	100.35	212.62	572.04			
5/15/99 19:45	1019.13	30.09	0.866	100.87	213.57	571.75			
5/15/99 20:00	1019.25	30.10	0.862	100.87	213.57	570.29	570.55		
5/15/99 20:15	1019.38	30.10	0.858	100.87	213.57	569.00			
5/15/99 20:30	1019.25	30.10	0.860	100.87	213.57	569.66			
5/15/99 20:45	1019.13	30.09	0.856	100.61	213.10	568.87			
5/15/99 21:00	1019.13	30.09	0.854	100.35	212.62	567.21	567.48		
5/15/99 21:15	1019.00	30.09	0.851	99.82	211.68	565.82			
5/15/99 21:30	1019.00	30.09	0.853	99.04	210.27	565.85			
5/15/99 21:45	1018.88	30.09	0.854	98.78	209.80	566.32			
5/15/99 22:00	1018.88	30.09	0.860	97.73	207.92	567.37	566.43		
5/15/99 22:15	1019.00	30.09	0.857	97.21	206.98	565.92			
5/15/99 22:30	1019.25	30.10	0.861	96.43	205.57	566.67			
5/15/99 22:45	1019.63	30.11	0.857	95.91	204.63	564.75			
5/15/99 23:00	1019.50	30.11	0.859	95.64	204.16	565.17	565.72		
5/15/99 23:15	1019.50	30.11	0.860	95.12	203.22	565.20			
5/15/99 23:30	1019.50	30.11	0.866	94.60	202.28	566.83			
5/15/99 23:45	1019.50	30.11	0.884	94.60	202.28	566.01			
5/16/99 0:00	1019.63	30.11	0.861	95.64	204.16	565.76	566.26		
5/16/99 0:15	1019.75	30.11	0.861	96.17	205.10	566.13			
5/16/99 0:30	1019.63	30.11	0.861	96.69	206.04	566.56			
5/16/99 0:45	1019.75	30.11	0.859	96.95	206.51	568.10			
5/16/99 1:00	1019.88	30.12	0.852	97.21	206.98	564.02	564.78		
5/16/99 1:15	1019.75	30.11	0.849	97.47	207.45	563.19			
5/16/99 1:30	1019.75	30.11	0.851	97.73	207.92	564.02			
5/16/99 1:45	1019.75	30.11	0.850	98.00	208.39	564.02			
5/16/99 2:00	1019.75	30.11	0.851	98.26	208.86	564.42	564.04		
5/16/99 2:15	1019.63	30.11	0.850	97.73	207.92	563.86			
5/16/99 2:30	1019.50	30.11	0.851	97.21	206.98	563.89			
5/16/99 2:45	1019.63	30.11	0.856	96.43	205.57	564.72			
5/16/99 3:00	1019.50	30.11	0.859	95.64	204.16	565.17	564.82		

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/13/99 15:45	1009.50	29.81	0.839	87.28	189.11	554.92			
5/13/99 16:00	1009.25	29.80	0.833	87.54	189.58	553.33	553.81		
5/13/99 16:15	1009.25	29.80	0.834	88.59	191.46	554.56			
5/13/99 16:30	1009.50	29.81	0.833	89.63	193.34	554.88			
5/13/99 16:45	1009.50	29.81	0.831	89.90	193.81	554.43			
5/13/99 17:00	1009.75	29.82	0.829	90.88	195.22	554.12	554.20		
5/13/99 17:15	1009.88	29.82	0.827	90.94	195.69	553.88			
5/13/99 17:30	1009.75	29.82	0.827	91.20	196.16	553.92			
5/13/99 17:45	1010.00	29.83	0.824	90.94	195.69	552.58			
5/13/99 18:00	1010.00	29.83	0.827	90.42	194.75	553.25	553.05		
5/13/99 18:15	1009.88	29.82	0.828	89.83	193.34	553.09			
5/13/99 18:30	1010.25	29.83	0.831	87.81	190.05	552.42			
5/13/99 18:45	1010.50	29.84	0.838	87.81	190.05	554.65			
5/13/99 19:00	1010.63	29.84	0.838	86.76	188.17	553.81	553.19		
5/13/99 19:15	1010.75	29.85	0.838	85.19	185.35	552.76			
5/13/99 19:30	1010.88	29.85	0.839	84.41	183.93	552.32			
5/13/99 19:45	1011.13	29.86	0.843	84.15	183.46	553.30			
5/13/99 20:00	1011.38	29.87	0.838	85.19	185.35	552.59	552.41		
5/13/99 20:15	1011.38	29.87	0.835	85.71	186.29	551.97			
5/13/99 20:30	1011.63	29.87	0.833	86.50	187.70	551.88			
5/13/99 20:45	1011.50	29.87	0.834	87.02	188.64	552.51			
5/13/99 21:00	1011.63	29.87	0.826	87.02	188.64	549.79	550.21		
5/13/99 21:15	1011.63	29.87	0.824	86.76	188.17	548.95			
5/13/99 21:30	1011.75	29.88	0.822	86.24	187.23	547.92			
5/13/99 21:45	1012.00	29.88	0.824	87.02	188.64	549.29			
5/13/99 22:00	1012.25	29.89	0.828	87.02	188.64	550.45	549.98		
5/13/99 22:15	1012.50	29.90	0.832	85.71	186.29	550.64			
5/13/99 22:30	1012.75	29.91	0.837	84.93	184.88	551.62			
5/13/99 22:45	1012.63	29.90	0.838	84.67	184.41	551.85			
5/13/99 23:00	1012.75	29.91	0.839	83.89	182.99	551.64	552.16		
5/13/99 23:15	1012.75	29.91	0.842	83.62	182.52	552.26			
5/13/99 23:30	1012.88	29.91	0.846	83.36	182.05	553.43			
5/13/99 23:45	1012.88	29.91	0.845	84.67	184.41	554.05			
5/14/99 0:00	1012.88	29.91	0.841	85.71	186.29	553.41	553.24		
5/14/99 0:15	1013.00	29.91	0.841	85.98	186.76	553.58			
5/14/99 0:30	1013.00	29.91	0.838	85.71	186.29	551.73			
5/14/99 0:45	1013.00	29.91	0.838	86.76	188.17	552.53			
5/14/99 1:00	1013.13	29.92	0.829	87.02	188.64	550.41	551.38		
5/14/99 1:15	1013.13	29.92	0.830	87.54	189.58	551.24			
5/14/99 1:30	1013.25	29.92	0.830	87.28	189.11	551.01			
5/14/99 1:45	1013.13	29.92	0.836	86.76	188.17	552.50			
5/14/99 2:00	1013.13	29.92	0.836	85.71	188.29	551.89	551.58		
5/14/99 2:15	1013.00	29.91	0.839	84.15	183.46	551.54			
5/14/99 2:30	1013.00	29.91	0.839	83.36	182.05	550.94			
5/14/99 2:45	1013.00	29.91	0.840	82.58	180.64	550.78			
5/14/99 3:00	1013.00	29.91	0.839	82.58	180.64	550.56	551.49		
5/14/99 3:15	1013.00	29.91	0.845	82.32	180.17	552.19			
5/14/99 3:30	1013.00	29.91	0.845	83.36	182.05	553.00			
5/14/99 3:45	1013.13	29.92	0.841	83.89	182.99	552.13			
5/14/99 4:00	1013.13	29.92	0.838	84.93	184.88	551.92	552.31		
5/14/99 4:15	1013.25	29.92	0.837	85.71	186.29	552.09			
5/14/99 4:30	1013.50	29.93	0.836	86.76	188.17	552.39			
5/14/99 4:45	1013.50	29.93	0.831	86.50	187.70	550.54			
5/14/99 5:00	1013.75	29.94	0.828	85.98	186.76	549.04	550.58		
5/14/99 5:15	1013.75	29.94	0.828	86.24	187.23	549.44			
5/14/99 5:30	1014.00	29.94	0.835	85.98	186.76	551.46			
5/14/99 5:45	1014.13	29.95	0.838	84.15	183.46	550.84			
5/14/99 6:00	1014.25	29.95	0.839	83.10	181.58	550.40	550.89		
5/14/99 6:15	1014.25	29.95	0.838	82.84	181.11	550.00			
5/14/99 6:30	1014.50	29.96	0.844	82.84	181.11	551.76			
5/14/99 6:45	1014.75	29.97	0.843	83.10	181.58	551.70			
5/14/99 7:00	1015.13	29.98	0.837	83.36	182.05	549.77	551.40		
5/14/99 7:15	1015.13	29.98	0.845	83.89	182.99	552.83			
5/14/99 7:30	1015.25	29.98	0.836	85.19	185.35	550.91			
5/14/99 7:45	1015.38	29.98	0.837	86.76	188.17	552.31			
5/14/99 8:00	1015.50	29.99	0.840	87.02	188.64	553.50	552.34		
5/14/99 8:15	1015.63	29.99	0.836	87.28	189.11	552.22			
5/14/99 8:30	1015.88	30.00	0.836	88.07	190.52	552.75			
5/14/99 8:45	1016.00	30.00	0.835	88.59	191.46	552.92			
5/14/99 9:00	1016.13	30.01	0.834	88.85	191.93	552.65	552.88		
5/14/99 9:15	1016.25	30.01	0.834	88.85	191.93	552.85			
5/14/99 9:30	1016.25	30.01	0.836	88.59	191.46	553.24			
5/14/99 9:45	1016.38	30.01	0.846	90.16	194.28	557.51			
5/14/99 10:00	1016.25	30.01	0.849	90.16	194.28	558.57	557.25		
5/14/99 10:15	1016.25	30.01	0.848	90.16	194.28	558.37			
5/14/99 10:30	1016.38	30.01	0.849	89.90	193.81	558.57			
5/14/99 10:45	1016.38	30.01	0.846	89.90	193.81	556.14			
5/14/99 11:00	1016.50	30.02	0.853	89.90	193.81	559.55	559.77		
5/14/99 11:15	1016.75	30.02	0.856	89.90	193.81	561.12			
5/14/99 11:30	1016.75	30.02	0.856	91.20	196.16	561.50			
5/14/99 11:45	1016.88	30.03	0.855	92.51	198.51	562.28			
5/14/99 12:00	1017.13	30.04	0.851	93.29	199.93	561.36	561.62		
5/14/99 12:15	1017.38	30.04	0.851	94.08	201.34	561.89			
5/14/99 12:30	1017.38	30.04	0.848	94.34	201.81	561.07			
5/14/99 12:45	1017.38	30.04	0.848	94.60	202.28	561.46			
5/14/99 13:00	1017.25	30.04	0.845	95.12	203.22	560.87	561.21		
5/14/99 13:15	1017.38	30.04	0.846	95.12	203.22	561.23			
5/14/99 13:30	1017.50	30.05	0.846	95.64	204.16	561.40			
5/14/99 13:45	1017.63	30.05	0.849	95.12	203.22	562.22			
5/14/99 14:00	1017.50	30.05	0.852	94.34	201.81	562.49	562.26		
5/14/99 14:15	1017.50	30.05	0.854	93.55	200.40	562.71			
5/14/99 14:30	1017.63	30.05	0.855	93.03	199.46	562.47			
5/14/99 14:45	1017.75	30.05	0.858	92.77	198.99	563.25			
5/14/99 15:00	1017.75	30.05	0.858	92.25	198.04	562.66	562.87		
5/14/99 15:15	1017.75	30.05	0.859	91.72	197.10	562.65			
5/14/99 15:30	1017.63	30.05	0.861	91.72	197.10	563.30			
5/14/99 15:45	1017.50	30.05	0.864	91.99	197.57	564.78			
5/14/99 16:00	1017.50	30.05	0.859	93.55	200.40	564.12	563.95		
5/14/99 16:15	1017.50	30.05	0.853	95.12	203.22	563.28			
5/14/99 16:30	1017.75	30.05	0.854	95.64	204.18	564.24			
5/14/99 16:45	1017.75	30.05	0.848	95.91	204.83	562.18			
5/14/99 17:00	1017.75	30.05	0.848	96.17	205.10	562.38	562.43		
5/14/99 17:15	1017.75	30.05	0.846	96.69	206.04	562.12			
5/14/99 17:30	1017.88	30.06	0.843	96.95	206.51	561.25			
5/14/99 17:45	1017.88	30.06	0.844	96.95	206.51	561.89			
5/14/99 18:00	1018.00	30.06	0.841	96.89	206.04	560.59	561.70		
5/14/99 18:15	1018.00	30.06	0.848	96.17	205.10	562.29			
5/14/99 18:30	1018.13	30.07	0.850	95.38	203.89	562.48			
5/14/99 18:45	1018.25	30.07	0.851	94.60	202.28	562.05			
5/14/99 19:00	1018.38	30.07	0.849	94.08	201.34	560.99	562.05		
5/14/99 19:15	1018.63	30.08	0.856	93.29	199.93	562.79			
5/14/99 19:30	1018.75	30.08	0.854	93.03	199.46	561.96			
5/14/99 19:45	1018.63	30.08	0.856	92.51	198.51	561.99			
5/14/99 20:00	1018.75	30.08	0.860	91.99	197.57	563.00	562.84		
5/14/99 20:15	1018.63	30.08	0.861	91.72	197.10	563.22			
5/14/99 20:30	1018.50	30.08	0.858	93.03	199.46	563.05			
5/14/99 20:45	1018.63	30.08	0.858	94.08	201.34	563.82			
5/14/99 21:00	1018.63	30.08	0.853	94.60	202.28	562.77	562.38		
5/14/99 21:15	1018.75	30.08	0.846	95.12	203.22	560.85			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/12/99 10:00	1016.13	30.01	0.776	85.71	186.29	530.73	370.00		
5/12/99 10:15	1016.00	30.00	0.788	95.64	204.16	542.37			
5/12/99 10:30	1016.00	30.00	0.790	98.52	209.33	545.14			
5/12/99 10:45	1016.00	30.00	0.794	99.82	211.68	547.61			
5/12/99 11:00	1015.88	30.00	0.795	101.13	214.04	548.81	547.69		
5/12/99 11:15	1015.88	30.00	0.794	101.91	215.45	549.18			
5/12/99 11:30	1015.63	29.99	0.790	101.91	215.45	547.72			
5/12/99 11:45	1015.50	29.99	0.791	102.96	217.33	548.73			
5/12/99 12:00	1015.25	29.98	0.792	103.48	218.27	549.63	548.87		
5/12/99 12:15	1014.88	29.97	0.790	103.74	218.74	549.26			
5/12/99 12:30	1014.75	29.97	0.789	104.01	219.21	549.03			
5/12/99 12:45	1014.63	29.96	0.789	104.27	219.68	549.50			
5/12/99 13:00	1014.38	29.95	0.784	104.79	220.62	548.20	548.35		
5/12/99 13:15	1014.13	29.95	0.783	104.79	220.62	547.81			
5/12/99 13:30	1013.88	29.94	0.781	105.05	221.09	547.20			
5/12/99 13:45									
5/12/99 14:00							547.20		
5/12/99 14:15									
5/12/99 14:30									
5/12/99 14:45									
5/12/99 15:00							544.27		
5/12/99 15:15									
5/12/99 15:30	1012.00	29.88	0.772	104.53	220.15	544.27			
5/12/99 15:45	1011.75	29.88	0.772	105.83	222.50	545.27			
5/12/99 16:00	1011.50	29.87	0.773	106.62	223.91	546.12	546.03		
5/12/99 16:15	1011.25	29.86	0.773	107.14	224.85	546.77			
5/12/99 16:30	1011.00	29.85	0.776	106.88	224.38	547.75			
5/12/99 16:45	1010.88	29.85	0.784	106.10	222.97	550.10			
5/12/99 17:00	1011.00	29.85	0.785	105.83	222.50	550.08	549.28		
5/12/99 17:15	1011.00	29.85	0.785	104.79	220.62	549.33			
5/12/99 17:30	1011.00	29.85	0.785	104.53	220.15	549.14			
5/12/99 17:45	1010.75	29.85	0.783	104.01	219.21	547.95			
5/12/99 18:00	1010.88	29.85	0.781	103.74	218.74	547.31	547.34		
5/12/99 18:15	1010.63	29.84	0.780	103.74	218.74	546.92			
5/12/99 18:30	1010.63	29.84	0.776	103.74	218.74	545.37			
5/12/99 18:45	1010.63	29.84	0.774	104.01	219.21	545.14			
5/12/99 19:00	1010.63	29.84	0.772	103.74	218.74	544.07	544.25		
5/12/99 19:15	1010.50	29.84	0.770	103.74	218.74	543.43			
5/12/99 19:30	1010.63	29.84	0.770	103.48	218.27	543.21			
5/12/99 19:45	1010.63	29.84	0.769	103.48	218.27	542.75			
5/12/99 20:00	1010.75	29.85	0.768	103.48	218.27	542.51	542.41		
5/12/99 20:15	1010.75	29.85	0.768	102.96	217.33	541.92			
5/12/99 20:30	1011.00	29.85	0.767	102.96	217.33	541.64			
5/12/99 20:45	1011.88	29.88	0.765	102.70	216.86	540.55			
5/12/99 21:00	1012.38	29.90	0.769	102.70	216.86	541.72	540.61		
5/12/99 21:15	1012.13	29.89	0.763	102.18	215.92	539.22			
5/12/99 21:30	1011.63	29.87	0.766	101.13	214.04	539.91			
5/12/99 21:45	1012.13	29.89	0.768	100.61	213.10	539.88			
5/12/99 22:00	1012.13	29.89	0.774	99.56	211.21	541.27	540.71		
5/12/99 22:15	1012.38	29.90	0.776	99.30	210.74	541.68			
5/12/99 22:30	1012.50	29.90	0.774	98.78	209.80	540.85			
5/12/99 22:45	1012.63	29.90	0.777	98.78	209.80	541.69			
5/12/99 23:00	1012.75	29.91	0.776	98.52	209.33	541.01	541.04		
5/12/99 23:15	1012.75	29.91	0.776	98.26	208.86	541.03			
5/12/99 23:30	1012.75	29.91	0.775	98.26	208.86	540.61			
5/12/99 23:45	1012.63	29.90	0.769	98.52	209.33	538.88			
5/13/99 0:00	1012.38	29.90	0.765	98.52	209.33	537.40	538.02		
5/13/99 0:15	1012.25	29.89	0.764	98.52	209.33	536.98			
5/13/99 0:30	1012.00	29.88	0.762	98.26	208.86	536.22			
5/13/99 0:45	1011.75	29.88	0.761	98.26	208.86	535.83			
5/13/99 1:00	1011.50	29.87	0.758	98.26	208.86	535.02	535.54		
5/13/99 1:15	1011.13	29.86	0.761	97.73	207.92	535.63			
5/13/99 1:30	1010.88	29.85	0.758	97.73	207.92	534.81			
5/13/99 1:45	1010.63	29.84	0.759	97.73	207.92	535.08			
5/13/99 2:00	1010.50	29.84	0.758	97.73	207.92	534.23	534.63		
5/13/99 2:15	1010.25	29.83	0.756	97.73	207.92	534.09			
5/13/99 2:30	1009.88	29.82	0.761	97.73	207.92	535.95			
5/13/99 2:45	1009.75	29.82	0.788	97.21	206.98	537.57			
5/13/99 3:00	1009.75	29.82	0.789	96.95	206.51	538.51	537.82		
5/13/99 3:15	1009.63	29.81	0.770	96.95	206.51	538.75			
5/13/99 3:30	1009.63	29.81	0.769	96.95	206.51	538.29			
5/13/99 3:45	1009.63	29.81	0.768	96.95	206.51	537.87			
5/13/99 4:00	1009.63	29.81	0.768	96.95	206.51	538.08	537.61		
5/13/99 4:15	1009.88	29.82	0.766	96.95	206.51	537.35			
5/13/99 4:30	1010.00	29.83	0.763	97.21	206.98	536.42			
5/13/99 4:45	1010.00	29.83	0.763	97.21	206.98	536.21			
5/13/99 5:00	1010.13	29.83	0.761	97.21	206.98	535.72	535.83		
5/13/99 5:15	1010.25	29.83	0.762	97.21	206.98	535.93			
5/13/99 5:30	1010.25	29.83	0.759	96.95	206.51	534.88			
5/13/99 5:45	1010.25	29.83	0.759	96.95	206.51	534.62			
5/13/99 6:00	1010.25	29.83	0.759	96.95	206.51	534.62	534.19		
5/13/99 6:15	1010.25	29.83	0.754	96.95	206.51	532.85			
5/13/99 6:30	1010.25	29.83	0.757	96.95	206.51	533.98			
5/13/99 6:45	1010.38	29.84	0.758	96.95	206.51	533.49			
5/13/99 7:00	1010.38	29.84	0.755	96.95	206.51	533.28	533.98		
5/13/99 7:15	1010.25	29.83	0.755	96.95	206.51	533.31			
5/13/99 7:30	1010.13	29.83	0.763	96.43	205.57	535.82			
5/13/99 7:45	1010.13	29.83	0.768	96.17	205.10	537.38			
5/13/99 8:00	1010.25	29.83	0.766	95.91	204.63	537.16	419.61		
5/13/99 8:15	1010.25	29.83	0.649	87.02	188.64	487.67			
5/13/99 8:30	1010.25	29.83	0.000	65.07	149.13	0.00			
5/13/99 8:45	1010.00	29.83	0.000	53.64	128.91	0.00			
5/13/99 9:00	1010.00	29.83	0.714	71.60	160.69	500.77	320.09		
5/13/99 9:15	1010.25	29.83	0.827	85.98	186.76	549.79			
5/13/99 9:30	1010.50	29.84	0.825	87.02	188.64	549.69			
5/13/99 9:45	1010.50	29.84	0.819	87.61	190.05	548.62			
5/13/99 10:00	1010.50	29.84	0.812	88.33	190.99	546.50	547.35		
5/13/99 10:15	1010.38	29.84	0.811	88.33	190.99	546.09			
5/13/99 10:30	1010.38	29.84	0.808	88.85	191.93	545.64			
5/13/99 10:45	1010.38	29.84	0.812	89.90	193.81	547.71			
5/13/99 11:00	1010.38	29.84	0.814	89.90	193.81	548.58	550.44		
5/13/99 11:15	1010.38	29.84	0.857	87.54	189.58	560.88			
5/13/99 11:30	1010.50	29.84	0.819	88.85	191.93	549.41			
5/13/99 11:45	1010.63	29.84	0.817	88.59	191.46	548.34			
5/13/99 12:00	1010.63	29.84	0.822	87.81	190.05	549.42	549.88		
5/13/99 12:15	1010.50	29.84	0.830	86.50	187.70	551.18			
5/13/99 12:30	1010.50	29.84	0.831	85.98	186.76	550.96			
5/13/99 12:45	1010.25	29.83	0.828	87.02	188.64	550.79			
5/13/99 13:00	1010.13	29.83	0.827	88.33	190.99	551.83	550.82		
5/13/99 13:15	1009.88	29.82	0.821	88.59	191.46	549.99			
5/13/99 13:30	1009.88	29.82	0.819	89.37	192.87	549.74			
5/13/99 13:45	1009.75	29.82	0.819	89.90	193.81	550.17			
5/13/99 14:00	1009.75	29.82	0.818	89.90	193.81	549.97	552.37		
5/13/99 14:15	1009.63	29.81	0.822	89.37	192.87	550.89			
5/13/99 14:30	1009.50	29.81	0.854	88.85	191.93	561.07			
5/13/99 14:45	1009.38	29.81	0.856	85.19	185.35	559.08			
5/13/99 15:00	1009.38	29.81	0.828	87.28	189.11	550.80	554.50		
5/13/99 15:15	1009.50	29.81	0.824	87.54	189.58	550.13			
5/13/99 15:30	1009.50	29.81	0.828	87.54	189.58	551.40			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/11/99 4:15	1019.38	30.10	1.306	68.47	155.24	670.93			
5/11/99 4:30	1019.38	30.10	1.308	68.21	154.77	671.01			
5/11/99 4:45	1019.25	30.10	1.306	66.21	154.77	670.72			
5/11/99 5:00	1019.25	30.10	1.300	68.47	155.24	669.38	669.94		
5/11/99 5:15	1019.13	30.09	1.299	66.47	155.24	669.27			
5/11/99 5:30	1019.00	30.09	1.299	68.47	155.24	669.31			
5/11/99 5:45	1019.00	30.09	1.299	68.73	155.71	669.56			
5/11/99 6:00	1019.13	30.09	1.298	68.73	155.71	669.03	668.79		
5/11/99 6:15	1019.13	30.09	1.293	68.73	155.71	667.90			
5/11/99 6:30	1019.38	30.10	1.294	66.73	155.71	668.15			
5/11/99 6:45	1019.50	30.11	1.298	68.73	155.71	668.91			
5/11/99 7:00	1019.75	30.11	0.980	79.97	175.94	590.73	595.66		
5/11/99 7:15	1019.88	30.12	0.738	96.95	206.51	524.14			
5/11/99 7:30	1019.88	30.12	0.739	98.52	209.33	526.39			
5/11/99 7:45	1019.88	30.12	0.740	99.30	210.74	527.18			
5/11/99 8:00	1019.88	30.12	0.739	99.56	211.21	526.88	527.41		
5/11/99 8:15	1019.75	30.11	0.741	100.35	212.62	528.14			
5/11/99 8:30	1019.75	30.11	0.741	100.87	213.57	528.51			
5/11/99 8:45	1019.88	30.12	0.745	101.39	214.51	530.42			
5/11/99 9:00	1020.00	30.12	0.741	101.91	215.45	529.18	529.97		
5/11/99 9:15	1020.00	30.12	0.745	102.44	216.39	531.12			
5/11/99 9:30	1020.13	30.12	0.743	102.70	216.86	530.60			
5/11/99 9:45	1020.13	30.12	0.745	103.22	217.80	531.64			
5/11/99 10:00	1020.13	30.12	0.747	103.74	218.74	532.69	532.22		
5/11/99 10:15	1020.13	30.12	0.747	104.01	219.21	532.87			
5/11/99 10:30	1020.13	30.12	0.748	104.27	219.68	533.27			
5/11/99 10:45	1020.25	30.13	0.748	104.53	220.15	533.42			
5/11/99 11:00	1020.25	30.13	0.747	104.79	220.62	533.39	533.79		
5/11/99 11:15	1020.25	30.13	0.748	104.79	220.62	533.82			
5/11/99 11:30	1020.38	30.13	0.750	105.57	222.03	535.02			
5/11/99 11:45	1020.25	30.13	0.749	105.57	222.03	534.84			
5/11/99 12:00	1020.25	30.13	0.751	105.83	222.50	535.67	535.58		
5/11/99 12:15	1020.25	30.13	0.751	106.10	222.97	535.85			
5/11/99 12:30	1020.13	30.12	0.752	106.62	223.91	536.50			
5/11/99 12:45	1020.00	30.12	0.753	106.62	223.91	536.75			
5/11/99 13:00	1019.75	30.11	0.753	107.14	224.85	537.18	536.80		
5/11/99 13:15	1019.75	30.11	0.750	106.36	223.44	535.74			
5/11/99 13:30	1019.63	30.11	0.754	107.40	225.32	537.83			
5/11/99 13:45	1019.25	30.10	0.752	107.92	226.26	537.65			
5/11/99 14:00	1019.13	30.09	0.753	108.19	226.73	538.09	538.40		
5/11/99 14:15	1018.88	30.09	0.755	108.45	227.21	539.23			
5/11/99 14:30	1018.88	30.09	0.754	108.71	227.68	539.20			
5/11/99 14:45	1018.75	30.08	0.755	108.71	227.68	539.45			
5/11/99 15:00	1018.50	30.08	0.754	108.97	228.15	539.48	538.82		
5/11/99 15:15	1018.38	30.07	0.751	109.23	228.62	538.34			
5/11/99 15:30	1018.25	30.07	0.748	109.75	229.56	537.63			
5/11/99 15:45	1018.13	30.07	0.754	109.49	229.09	539.95			
5/11/99 16:00	1017.88	30.06	0.752	109.49	229.09	539.12	547.78		
5/11/99 16:15	1017.75	30.05	0.809	106.36	223.44	557.10			
5/11/99 16:30	1017.63	30.05	0.836	104.79	220.62	565.11			
5/11/99 16:45	1017.50	30.05	0.805	105.05	221.09	554.69			
5/11/99 17:00	1017.38	30.04	0.801	105.57	222.03	553.80	556.17		
5/11/99 17:15	1017.25	30.04	0.800	105.57	222.03	553.42			
5/11/99 17:30	1017.25	30.04	0.801	105.57	222.03	553.83			
5/11/99 17:45	1017.13	30.04	0.799	105.31	221.56	553.05			
5/11/99 18:00	1017.00	30.03	0.798	105.05	221.09	552.44	551.87		
5/11/99 18:15	1017.00	30.03	0.793	104.79	220.62	550.52			
5/11/99 18:30	1016.75	30.02	0.790	104.79	220.62	549.51			
5/11/99 18:45	1016.75	30.02	0.791	104.79	220.62	549.93			
5/11/99 19:00	1016.63	30.02	0.791	104.53	220.15	549.77	549.05		
5/11/99 19:15	1016.63	30.02	0.788	104.27	219.68	548.51			
5/11/99 19:30	1016.38	30.01	0.788	103.74	218.74	547.53			
5/11/99 19:45	1016.50	30.02	0.782	103.48	218.27	545.81			
5/11/99 20:00	1016.63	30.02	0.779	102.96	217.33	544.52	544.99		
5/11/99 20:15	1016.75	30.02	0.781	102.44	216.39	544.53			
5/11/99 20:30	1016.88	30.03	0.776	102.18	215.92	542.56			
5/11/99 20:45	1016.88	30.03	0.778	101.39	214.51	542.00			
5/11/99 21:00	1017.00	30.03	0.776	100.87	213.57	541.79	541.31		
5/11/99 21:15	1017.00	30.03	0.774	100.61	213.10	540.73			
5/11/99 21:30	1017.00	30.03	0.771	100.35	212.62	539.46			
5/11/99 21:45	1017.13	30.04	0.774	100.09	212.15	540.32			
5/11/99 22:00	1017.13	30.04	0.770	100.09	212.15	539.03	539.03		
5/11/99 22:15	1017.13	30.04	0.769	100.09	212.15	538.82			
5/11/99 22:30	1017.13	30.04	0.766	99.82	211.68	537.51			
5/11/99 22:45	1017.13	30.04	0.770	99.30	210.74	538.46			
5/11/99 23:00	1017.13	30.04	0.774	99.04	210.27	539.81	539.52		
5/11/99 23:15	1017.13	30.04	0.779	98.78	209.80	541.12			
5/11/99 23:30	1017.00	30.03	0.778	98.78	209.80	540.73			
5/11/99 23:45	1017.13	30.04	0.781	98.78	209.80	541.77			
5/12/99 0:00	1017.13	30.04	0.777	98.78	209.80	540.49	540.75		
5/12/99 0:15	1017.13	30.04	0.776	98.78	209.80	540.25			
5/12/99 0:30	1017.13	30.04	0.777	98.78	209.80	540.49			
5/12/99 0:45	1017.13	30.04	0.769	98.78	209.80	537.87			
5/12/99 1:00	1017.00	30.03	0.788	98.78	209.80	537.45	537.51		
5/12/99 1:15	1018.88	30.03	0.764	98.78	209.80	536.19			
5/12/99 1:30	1016.75	30.02	0.763	98.78	209.80	535.56			
5/12/99 1:45	1018.75	30.02	0.765	98.78	209.80	536.43			
5/12/99 2:00	1016.63	30.02	0.764	98.78	209.60	536.26	535.97		
5/12/99 2:15	1018.50	30.02	0.764	98.52	209.33	538.10			
5/12/99 2:30	1016.25	30.01	0.763	98.52	209.33	535.50			
5/12/99 2:45	1016.00	30.00	0.763	98.26	208.86	535.59			
5/12/99 3:00	1015.88	30.00	0.761	98.26	208.66	534.95	535.85		
5/12/99 3:15	1015.88	30.00	0.761	98.26	208.88	534.74			
5/12/99 3:30	1015.88	30.00	0.770	97.47	207.45	537.47			
5/12/99 3:45	1015.75	30.00	0.774	96.95	206.51	538.66			
5/12/99 4:00	1015.75	30.00	0.772	96.95	206.51	537.79	537.87		
5/12/99 4:15	1015.75	30.00	0.773	96.69	206.04	537.80			
5/12/99 4:30	1015.75	30.00	0.773	96.17	205.10	537.63			
5/12/99 4:45	1015.75	30.00	0.774	96.17	205.10	538.08			
5/12/99 5:00	1015.75	30.00	0.772	96.17	205.10	537.22	536.90		
5/12/99 5:15	1015.75	30.00	0.769	96.17	205.10	536.35			
5/12/99 5:30	1015.75	30.00	0.766	96.17	205.10	535.23			
5/12/99 5:45	1015.88	30.00	0.767	96.43	205.57	535.63			
5/12/99 6:00	1015.88	30.00	0.763	96.17	205.10	534.11	534.70		
5/12/99 6:15	1016.00	30.00	0.762	96.43	205.57	533.65			
5/12/99 6:30	1016.13	30.01	0.764	96.43	205.57	534.69			
5/12/99 6:45	1016.13	30.01	0.765	96.69	206.04	535.09			
5/12/99 7:00	1016.00	30.00	0.763	96.95	206.51	534.43	534.85		
5/12/99 7:15	1016.13	30.01	0.765	97.21	206.98	535.47			
5/12/99 7:30	1016.13	30.01	0.762	97.47	207.45	534.57			
5/12/99 7:45	1016.13	30.01	0.711	96.43	205.57	515.53			
5/12/99 8:00	1016.25	30.01	0.000	69.25	156.66	0.00	210.02		
5/12/99 8:15	1016.25	30.01	0.000	60.69	141.80	0.00			
5/12/99 8:30	1016.36	30.01	0.000	51.22	124.20	0.00			
5/12/99 8:45	1016.25	30.01	0.000	44.43	111.97	0.00			
5/12/99 9:00	1016.38	30.01	0.000	39.47	103.04	0.00	0.00		
5/12/99 9:15	1018.38	30.01	0.000	36.33	97.39	0.00			
5/12/99 9:30	1016.25	30.01	0.000	33.72	92.69	0.00			
5/12/99 9:45	1016.25	30.01	0.171	36.85	98.33	231.75			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/9/99 22:30	1019.38	30.10	0.752	98.00	208.39	530.58			
5/9/99 22:45	1019.38	30.10	0.756	97.47	207.45	531.50			
5/9/99 23:00	1019.38	30.10	0.759	97.21	206.98	532.41	531.53		
5/9/99 23:15	1019.25	30.10	0.756	97.21	206.98	531.56			
5/9/99 23:30	1019.25	30.10	0.757	96.95	206.51	531.62			
5/9/99 23:45	1019.25	30.10	0.758	96.95	206.51	531.63			
5/10/99 0:00	1019.38	30.10	0.756	96.69	206.04	530.94	530.68		
5/10/99 0:15	1019.38	30.10	0.753	96.95	206.51	530.04			
5/10/99 0:30	1019.25	30.10	0.749	96.95	206.51	528.98			
5/10/99 0:45	1019.25	30.10	0.748	96.95	206.51	528.31			
5/10/99 1:00	1019.13	30.09	0.746	96.95	206.51	527.67	527.94		
5/10/99 1:15	1019.00	30.09	0.745	96.95	206.51	527.49			
5/10/99 1:30	1019.00	30.09	0.744	96.95	206.51	527.28			
5/10/99 1:45	1018.88	30.09	0.744	96.69	206.04	527.12			
5/10/99 2:00	1018.75	30.08	0.743	96.69	206.04	526.69	527.24		
5/10/99 2:15	1018.63	30.08	0.743	97.21	206.98	526.69			
5/10/99 2:30	1016.50	30.08	0.746	97.47	207.45	526.20			
5/10/99 2:45	1018.38	30.07	0.754	96.69	206.04	530.53			
5/10/99 3:00	1018.13	30.07	0.754	95.91	204.63	530.04	529.67		
5/10/99 3:15	1018.13	30.07	0.753	95.64	204.16	529.43			
5/10/99 3:30	1016.00	30.06	0.754	95.64	204.16	530.13			
5/10/99 3:45	1018.00	30.06	0.756	95.64	204.16	530.76			
5/10/99 4:00	1018.00	30.06	0.754	95.91	204.63	530.32	529.12		
5/10/99 4:15	1018.13	30.07	0.749	95.64	204.16	528.09			
5/10/99 4:30	1018.25	30.07	0.744	95.64	204.16	526.29			
5/10/99 4:45	1018.63	30.08	0.746	96.17	205.10	527.24			
5/10/99 5:00	1018.75	30.08	0.746	95.91	204.63	527.02	526.21		
5/10/99 5:15	1019.13	30.09	0.743	95.38	203.69	525.45			
5/10/99 5:30	1019.50	30.11	0.741	95.91	204.63	525.06			
5/10/99 5:45	1019.88	30.12	0.742	95.38	203.69	525.05			
5/10/99 6:00	1019.75	30.11	0.742	95.91	204.63	525.45	525.47		
5/10/99 6:15	1020.13	30.12	0.743	95.64	204.16	525.38			
5/10/99 6:30	1020.38	30.13	0.745	95.91	204.63	526.39			
5/10/99 6:45	1020.63	30.14	0.753	95.38	203.69	528.59			
5/10/99 7:00	1020.75	30.14	0.754	95.38	203.69	528.98	528.70		
5/10/99 7:15	1020.75	30.14	0.755	94.86	202.75	529.06			
5/10/99 7:30	1020.88	30.15	0.758	95.64	204.16	530.47			
5/10/99 7:45	1020.88	30.15	0.754	96.17	205.10	529.76			
5/10/99 8:00	1020.75	30.14	0.756	96.95	206.51	530.96	529.78		
5/10/99 8:15	1020.88	30.15	0.751	97.21	206.98	529.17			
5/10/99 8:30	1020.75	30.14	0.748	97.47	207.45	528.50			
5/10/99 8:45	1021.00	30.15	0.751	98.26	208.86	529.88			
5/10/99 9:00	1021.13	30.15	0.749	98.78	209.80	529.80	532.36		
5/10/99 9:15	1020.63	30.14	0.773	99.04	210.27	538.22			
5/10/99 9:30	1020.75	30.14	0.768	98.52	209.33	535.40			
5/10/99 9:45	1020.75	30.14	0.748	100.87	213.57	530.92			
5/10/99 10:00	1020.50	30.14	0.748	101.65	214.98	531.54	532.74		
5/10/99 10:15	1020.63	30.14	0.751	102.18	215.92	532.98			
5/10/99 10:30	1020.88	30.15	0.750	102.70	216.86	532.86			
5/10/99 10:45	1021.13	30.15	0.758	102.44	216.39	535.26			
5/10/99 11:00	1021.13	30.15	0.762	102.18	215.92	536.63	536.28		
5/10/99 11:15	1021.00	30.15	0.768	102.18	215.92	536.63			
5/10/99 11:30	1020.75	30.14	0.765	102.44	216.39	538.01			
5/10/99 11:45	1020.75	30.14	0.766	102.70	216.86	538.61			
5/10/99 12:00	1020.75	30.14	0.768	102.70	216.86	539.07	538.58		
5/10/99 12:15	1020.50	30.14	0.766	102.96	217.33	538.87			
5/10/99 12:30	1020.50	30.14	0.764	103.46	218.27	538.36			
5/10/99 12:45	1020.13	30.12	0.761	104.01	219.21	537.95			
5/10/99 13:00	1020.13	30.12	0.760	104.01	219.21	537.53	543.42		
5/10/99 13:15	1020.13	30.12	0.751	104.79	220.62	534.96			
5/10/99 13:30	1019.88	30.12	0.860	99.30	210.74	568.29			
5/10/99 13:45	1019.75	30.11	0.781	102.18	215.92	543.78			
5/10/99 14:00	1019.63	30.11	0.775	103.74	218.74	542.75	548.81		
5/10/99 14:15	1019.63	30.11	0.781	103.74	218.74	544.95			
5/10/99 14:30	1019.50	30.11	0.779	104.01	219.21	544.27			
5/10/99 14:45	1019.38	30.10	0.776	104.27	219.68	543.40			
5/10/99 15:00	1019.13	30.09	0.776	104.53	220.15	543.66	543.05		
5/10/99 15:15	1018.88	30.09	0.772	104.79	220.62	542.61			
5/10/99 15:30	1018.75	30.08	0.768	105.05	221.09	541.29			
5/10/99 15:45	1018.50	30.08	0.770	104.79	220.62	542.05			
5/10/99 16:00	1018.50	30.08	0.759	105.31	221.56	538.42	537.03		
5/10/99 16:15	1018.13	30.07	0.734	108.19	226.73	531.58			
5/10/99 16:30	1018.00	30.06	0.734	108.45	227.21	531.80			
5/10/99 16:45	1018.00	30.06	0.736	108.71	227.68	532.67			
5/10/99 17:00	1017.88	30.06	0.738	108.45	227.21	533.21	532.73		
5/10/99 17:15	1017.75	30.05	0.736	108.19	226.73	532.59			
5/10/99 17:30	1017.75	30.05	0.737	108.97	228.15	533.39			
5/10/99 17:45	1017.75	30.05	0.733	108.71	227.68	531.61			
5/10/99 18:00	1017.50	30.05	0.736	108.45	227.21	532.83	532.95		
5/10/99 18:15	1017.50	30.05	0.739	107.92	226.26	533.37			
5/10/99 18:30	1017.25	30.04	0.740	107.40	225.32	533.54			
5/10/99 18:45	1017.13	30.04	0.741	107.14	224.85	533.61			
5/10/99 19:00	1017.50	30.05	0.741	106.88	224.38	533.54	533.67		
5/10/99 19:15	1017.63	30.05	0.745	106.36	223.44	534.51			
5/10/99 19:30	1017.88	30.06	0.742	106.10	222.97	533.14			
5/10/99 19:45	1016.00	30.06	0.741	105.83	222.50	532.68			
5/10/99 20:00	1018.00	30.06	0.744	105.31	221.56	533.46	532.78		
5/10/99 20:15	1018.00	30.06	0.743	104.79	220.62	532.41			
5/10/99 20:30	1018.00	30.06	0.743	104.53	220.15	532.22			
5/10/99 20:45	1018.13	30.07	0.742	103.48	218.27	531.24			
5/10/99 21:00	1018.25	30.07	0.739	102.70	216.86	529.76	530.43		
5/10/99 21:15	1018.50	30.08	0.741	101.91	215.45	529.79			
5/10/99 21:30	1018.75	30.08	0.741	101.39	214.51	529.14			
5/10/99 21:45	1018.88	30.09	0.741	100.87	213.57	528.95			
5/10/99 22:00	1019.00	30.09	0.739	100.61	213.10	527.84	528.39		
5/10/99 22:15	1019.00	30.09	0.741	100.09	212.15	528.36			
5/10/99 22:30	1019.25	30.10	0.739	100.09	212.15	527.66			
5/10/99 22:45	1019.36	30.10	0.738	99.62	211.68	526.96			
5/10/99 23:00	1019.50	30.11	0.741	100.09	212.15	526.23	527.68		
5/10/99 23:15	1019.50	30.11	0.741	100.09	212.15	528.02			
5/10/99 23:30	1019.50	30.11	0.739	100.35	212.62	527.53			
5/10/99 23:45	1019.38	30.10	0.742	101.13	214.04	529.26			
5/11/99 0:00	1019.25	30.10	1.234	81.80	179.23	664.68	617.16		
5/11/99 0:15	1019.38	30.10	1.343	71.08	159.95	662.94			
5/11/99 0:30	1019.38	30.10	1.340	70.30	158.54	681.38			
5/11/99 0:45	1019.25	30.10	1.341	70.30	158.54	681.72			
5/11/99 1:00	1019.25	30.10	1.341	70.30	158.54	681.72	681.21		
5/11/99 1:15	1019.25	30.10	1.338	70.30	158.54	680.78			
5/11/99 1:30	1019.25	30.10	1.336	70.30	158.54	680.45			
5/11/99 1:45	1019.38	30.10	1.333	70.04	158.07	679.36			
5/11/99 2:00	1019.63	30.11	1.329	70.04	158.07	676.33	676.41		
5/11/99 2:15	1019.75	30.11	1.327	69.78	157.60	677.40			
5/11/99 2:30	1019.88	30.12	1.326	69.25	156.66	676.51			
5/11/99 2:45	1019.75	30.11	1.319	68.99	156.19	674.71			
5/11/99 3:00	1019.63	30.11	1.319	68.73	155.71	674.31	674.34		
5/11/99 3:15	1019.63	30.11	1.321	68.47	155.24	674.69			
5/11/99 3:30	1019.63	30.11	1.309	68.47	155.24	671.49			
5/11/99 3:45	1019.50	30.11	1.313	68.47	155.24	672.51			
5/11/99 4:00	1019.50	30.11	1.308	68.47	155.24	671.23	671.43		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/8/99 16:45	1012.88	29.91	0.750	100.09	212.15	533.10			
5/8/99 17:00	1012.88	29.91	0.749	100.35	212.62	533.07	532.93		
5/8/99 17:15	1012.88	29.91	0.748	100.87	213.57	532.98			
5/8/99 17:30	1012.88	29.91	0.747	100.87	213.57	532.55			
5/8/99 17:45	1012.88	29.91	0.747	100.87	213.57	532.55			
5/8/99 18:00	1013.00	29.91	0.749	100.87	213.57	533.41	532.91		
5/8/99 18:15	1012.88	29.91	0.747	100.87	213.57	532.55			
5/8/99 18:30	1012.75	29.91	0.750	100.61	213.10	533.50			
5/8/99 18:45	1012.75	29.91	0.758	100.09	212.15	536.00			
5/8/99 19:00	1012.75	29.91	0.758	99.56	211.21	535.62	535.06		
5/8/99 19:15	1012.88	29.91	0.758	99.30	210.74	535.19			
5/8/99 19:30	1012.88	29.91	0.757	99.30	210.74	534.98			
5/8/99 19:45	1013.00	29.91	0.758	99.30	210.74	535.37			
5/8/99 20:00	1013.13	29.92	0.753	99.30	210.74	533.36	533.69		
5/8/99 20:15	1013.38	29.92	0.751	99.30	210.74	532.62			
5/8/99 20:30	1013.63	29.93	0.749	99.30	210.74	532.13			
5/8/99 20:45	1013.75	29.94	0.750	99.56	211.21	532.49			
5/8/99 21:00	1013.88	29.94	0.750	99.56	211.21	532.46	532.15		
5/8/99 21:15	1014.00	29.94	0.749	99.56	211.21	532.21			
5/8/99 21:30	1014.25	29.95	0.748	99.56	211.21	531.47			
5/8/99 21:45	1014.50	29.96	0.748	99.56	211.21	531.41			
5/8/99 22:00	1014.75	29.97	0.748	99.56	211.21	531.56	531.91		
5/8/99 22:15	1015.00	29.97	0.750	99.30	210.74	531.98			
5/8/99 22:30	1015.13	29.98	0.754	98.78	209.80	533.13			
5/8/99 22:45	1015.25	29.98	0.757	98.52	209.33	533.79			
5/8/99 23:00	1015.38	29.98	0.759	98.26	208.86	534.45	534.04		
5/8/99 23:15	1015.50	29.99	0.760	98.26	208.86	534.63			
5/8/99 23:30	1015.50	29.99	0.759	98.26	208.86	534.17			
5/8/99 23:45	1015.75	30.00	0.756	98.26	208.86	533.23			
5/9/99 0:00	1015.75	30.00	0.755	98.26	208.86	532.80	532.58		
5/9/99 0:15	1015.88	30.00	0.751	98.26	208.86	531.43			
5/9/99 0:30	1016.00	30.00	0.751	98.26	208.86	531.18			
5/9/99 0:45	1016.13	30.01	0.746	98.26	208.86	529.59			
5/9/99 1:00	1016.13	30.01	0.751	98.26	208.86	531.36	530.20		
5/9/99 1:15	1016.38	30.01	0.745	98.26	208.86	529.10			
5/9/99 1:30	1016.38	30.01	0.747	98.26	208.86	529.77			
5/9/99 1:45	1016.38	30.01	0.746	98.26	208.86	529.53			
5/9/99 2:00	1016.50	30.02	0.746	98.26	208.86	529.28	530.28		
5/9/99 2:15	1016.38	30.01	0.751	97.73	207.92	530.71			
5/9/99 2:30	1016.38	30.01	0.756	97.21	206.98	532.10			
5/9/99 2:45	1016.25	30.01	0.758	96.95	206.51	532.63			
5/9/99 3:00	1016.25	30.01	0.757	96.95	206.51	532.40	531.62		
5/9/99 3:15	1016.25	30.01	0.752	96.43	205.57	530.27			
5/9/99 3:30	1016.25	30.01	0.753	96.17	205.10	530.50			
5/9/99 3:45	1016.38	30.01	0.751	96.17	205.10	529.59			
5/9/99 4:00	1016.38	30.01	0.747	96.43	205.57	528.47	528.86		
5/9/99 4:15	1016.50	30.02	0.744	96.17	205.10	527.36			
5/9/99 4:30	1016.75	30.02	0.747	96.43	205.57	528.37			
5/9/99 4:45	1016.75	30.02	0.743	96.43	205.57	526.81			
5/9/99 5:00	1016.88	30.03	0.744	96.43	205.57	527.21	527.20		
5/9/99 5:15	1017.00	30.03	0.743	96.69	206.04	526.93			
5/9/99 5:30	1017.13	30.04	0.742	96.69	206.04	526.69			
5/9/99 5:45	1017.25	30.04	0.743	96.95	206.51	527.06			
5/9/99 6:00	1017.38	30.04	0.750	96.95	206.51	529.68	529.46		
5/9/99 6:15	1017.50	30.05	0.756	96.69	206.04	531.64			
5/9/99 6:30	1017.88	30.06	0.758	96.69	206.04	532.21			
5/9/99 6:45	1018.00	30.06	0.757	96.43	205.57	531.57			
5/9/99 7:00	1018.25	30.07	0.758	96.69	206.04	532.11	531.80		
5/9/99 7:15	1018.50	30.08	0.757	96.95	206.51	531.81			
5/9/99 7:30	1018.75	30.08	0.755	97.21	206.98	531.27			
5/9/99 7:45	1018.75	30.08	0.751	97.47	207.45	529.91			
5/9/99 8:00	1018.88	30.09	0.748	97.47	207.45	528.99	529.78		
5/9/99 8:15	1019.00	30.09	0.749	97.47	207.45	529.17			
5/9/99 8:30	1019.13	30.09	0.749	97.73	207.92	529.57			
5/9/99 8:45	1019.25	30.10	0.749	98.26	208.86	529.66			
5/9/99 9:00	1019.38	30.10	0.749	98.52	209.33	529.82	530.02		
5/9/99 9:15	1019.50	30.11	0.751	98.78	209.80	530.84			
5/9/99 9:30	1019.50	30.11	0.749	99.04	210.27	530.40			
5/9/99 9:45	1019.50	30.11	0.752	99.04	210.27	531.29			
5/9/99 10:00	1019.50	30.11	0.758	98.78	209.80	533.08	532.90		
5/9/99 10:15	1019.38	30.10	0.763	98.78	209.80	534.87			
5/9/99 10:30	1019.38	30.10	0.763	98.78	209.80	534.87			
5/9/99 10:45	1019.25	30.10	0.763	99.04	210.27	535.30			
5/9/99 11:00	1019.25	30.10	0.760	99.04	210.27	534.21	534.74		
5/9/99 11:15	1019.38	30.10	0.761	99.30	210.74	534.78			
5/9/99 11:30	1019.38	30.10	0.759	99.82	211.68	534.53			
5/9/99 11:45	1019.38	30.10	0.754	100.35	212.62	533.14			
5/9/99 12:00	1019.38	30.10	0.756	100.61	213.10	533.75	533.94		
5/9/99 12:15	1019.25	30.10	0.754	101.13	214.04	533.73			
5/9/99 12:30	1019.25	30.10	0.756	101.39	214.51	534.55			
5/9/99 12:45	1019.13	30.09	0.758	101.65	214.98	535.23			
5/9/99 13:00	1019.00	30.09	0.757	101.91	215.45	535.24	534.95		
5/9/99 13:15	1018.88	30.09	0.756	102.18	215.92	535.21			
5/9/99 13:30	1018.88	30.09	0.754	102.44	216.39	534.51			
5/9/99 13:45	1018.75	30.08	0.754	102.44	216.39	534.79			
5/9/99 14:00	1018.63	30.08	0.760	102.44	216.39	536.80	536.92		
5/9/99 14:15	1018.63	30.08	0.764	102.44	216.39	536.36			
5/9/99 14:30	1018.50	30.08	0.769	102.44	216.39	540.15			
5/9/99 14:45	1018.50	30.08	0.770	102.44	216.39	540.36			
5/9/99 15:00	1018.50	30.08	0.766	102.70	216.86	539.00	539.59		
5/9/99 15:15	1018.50	30.08	0.766	102.70	216.86	539.21			
5/9/99 15:30	1018.38	30.07	0.766	102.96	217.33	539.22			
5/9/99 15:45	1018.38	30.07	0.761	103.48	218.27	537.83			
5/9/99 16:00	1018.25	30.07	0.759	103.74	218.74	537.62	538.10		
5/9/99 16:15	1018.13	30.07	0.760	104.27	219.68	538.24			
5/9/99 16:30	1018.13	30.07	0.758	104.27	219.68	537.57			
5/9/99 16:45	1018.25	30.07	0.758	104.27	219.68	537.32			
5/9/99 17:00	1018.13	30.07	0.759	104.27	219.68	537.78	537.61		
5/9/99 17:15	1018.13	30.07	0.760	104.27	219.68	538.24			
5/9/99 17:30	1018.13	30.07	0.757	104.27	219.68	537.14			
5/9/99 17:45	1018.25	30.07	0.757	104.53	220.15	537.29			
5/9/99 18:00	1018.25	30.07	0.754	104.27	219.68	536.22	537.53		
5/9/99 18:15	1018.25	30.07	0.759	104.01	219.21	537.61			
5/9/99 18:30	1018.25	30.07	0.764	103.48	218.27	539.20			
5/9/99 18:45	1018.25	30.07	0.768	102.70	218.86	539.94			
5/9/99 19:00	1018.25	30.07	0.768	102.70	218.86	539.94	539.53		
5/9/99 19:15	1018.00	30.06	0.767	102.44	216.39	539.40			
5/9/99 19:30	1018.13	30.07	0.767	102.18	215.92	539.18			
5/9/99 19:45	1018.00	30.06	0.763	101.91	215.45	537.69			
5/9/99 20:00	1018.13	30.07	0.763	101.39	214.51	537.07	536.50		
5/9/99 20:15	1018.13	30.07	0.757	101.13	214.04	534.91			
5/9/99 20:30	1018.13	30.07	0.754	100.61	213.10	533.65			
5/9/99 20:45	1018.38	30.07	0.753	100.09	212.15	532.54			
5/9/99 21:00	1018.50	30.08	0.752	99.56	211.21	531.92	531.95		
5/9/99 21:15	1018.63	30.08	0.749	99.30	210.74	530.62			
5/9/99 21:30	1018.75	30.08	0.751	98.78	209.80	530.84			
5/9/99 21:45	1018.88	30.09	0.749	98.52	209.33	529.95			
5/9/99 22:00	1019.00	30.09	0.749	98.52	209.33	530.16	530.02		
5/9/99 22:15	1019.25	30.10	0.746	98.26	208.86	528.57			

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Date Time	Bar Press mBbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/7/99 11:00	1010.25	29.83	0.750	101.13	214.04	534.53	535.23		
5/7/99 11:15	1010.13	29.83	0.749	101.65	214.98	534.48			
5/7/99 11:30	1010.13	29.83	0.759	101.13	214.04	537.91			
5/7/99 11:45	1010.13	29.83	0.764	101.39	214.51	539.62			
5/7/99 12:00	1010.00	29.83	0.766	101.91	215.45	540.70	539.67		
5/7/99 12:15	1010.00	29.83	0.764	101.91	215.45	540.03			
5/7/99 12:30	1009.75	29.82	0.764	101.91	215.45	540.09			
5/7/99 12:45	1009.63	29.81	0.763	102.18	215.92	539.89			
5/7/99 13:00	1009.50	29.81	0.758	102.70	216.66	538.74	538.98		
5/7/99 13:15	1009.25	29.80	0.754	102.96	217.33	537.87			
5/7/99 13:30	1009.25	29.80	0.756	103.22	217.80	538.50			
5/7/99 13:45	1009.13	29.80	0.754	103.48	218.27	538.06			
5/7/99 14:00	1008.88	29.79	0.754	103.74	218.74	538.33	538.13		
5/7/99 14:15	1008.75	29.79	0.752	104.01	219.21	537.66			
5/7/99 14:30	1008.75	29.79	0.753	104.01	219.21	538.09			
5/7/99 14:45	1008.63	29.78	0.753	104.27	219.68	538.31			
5/7/99 15:00	1008.38	29.78	0.751	104.53	220.15	537.66	538.74		
5/7/99 15:15	1008.38	29.78	0.753	104.53	220.15	538.35			
5/7/99 15:30	1008.38	29.78	0.761	104.27	219.68	541.05			
5/7/99 15:45	1008.25	29.77	0.763	104.01	219.21	541.57			
5/7/99 16:00	1008.13	29.77	0.765	103.74	218.74	542.30	541.56		
5/7/99 16:15	1008.13	29.77	0.761	103.74	218.74	540.74			
5/7/99 16:30	1008.00	29.77	0.764	103.74	218.74	542.13			
5/7/99 16:45	1008.00	29.77	0.763	104.01	219.21	541.65			
5/7/99 17:00	1008.00	29.77	0.761	104.01	219.21	540.96	540.72		
5/7/99 17:15	1007.88	29.76	0.756	104.01	219.21	539.22			
5/7/99 17:30	1007.75	29.76	0.756	104.01	219.21	539.46			
5/7/99 17:45	1007.75	29.76	0.755	104.27	219.68	539.22			
5/7/99 18:00	1007.75	29.76	0.754	104.53	220.15	538.94	538.52		
5/7/99 18:15	1007.75	29.76	0.751	104.01	219.21	537.68			
5/7/99 18:30	1007.75	29.76	0.751	103.74	218.74	537.28			
5/7/99 18:45	1007.75	29.76	0.751	103.48	218.27	537.30			
5/7/99 19:00	1007.75	29.76	0.748	103.48	218.27	535.98	538.84		
5/7/99 19:15	1007.75	29.76	0.748	103.48	218.27	538.19			
5/7/99 19:30	1007.75	29.76	0.753	102.70	216.86	537.42			
5/7/99 19:45	1008.00	29.77	0.757	102.18	215.92	538.34			
5/7/99 20:00	1008.13	29.77	0.758	101.39	214.51	537.95	537.59		
5/7/99 20:15	1008.25	29.77	0.757	100.87	213.57	537.33			
5/7/99 20:30	1008.38	29.78	0.757	100.35	212.62	536.92			
5/7/99 20:45	1008.50	29.78	0.757	100.09	212.15	536.70			
5/7/99 21:00	1008.50	29.78	0.750	99.56	211.21	533.88	534.37		
5/7/99 21:15	1008.75	29.79	0.748	99.30	210.74	532.95			
5/7/99 21:30	1008.88	29.79	0.744	99.04	210.27	531.41			
5/7/99 21:45	1008.88	29.79	0.744	98.78	209.80	530.97			
5/7/99 22:00	1009.25	29.80	0.741	98.52	209.33	529.79	530.01		
5/7/99 22:15	1009.50	29.81	0.741	98.26	208.86	529.54			
5/7/99 22:30	1009.63	29.81	0.739	97.47	207.45	528.31			
5/7/99 22:45	1009.63	29.81	0.741	97.47	207.45	528.74			
5/7/99 23:00	1009.38	29.81	0.741	97.47	207.45	529.02	529.40		
5/7/99 23:15	1009.38	29.81	0.747	96.95	206.51	530.67			
5/7/99 23:30	1009.50	29.81	0.747	96.43	205.57	530.27			
5/7/99 23:45	1009.63	29.81	0.751	96.17	205.10	531.36			
5/8/99 0:00	1009.75	29.82	0.749	96.17	205.10	530.90	531.82		
5/8/99 0:15	1009.75	29.82	0.754	96.69	206.04	532.80			
5/8/99 0:30	1009.75	29.82	0.753	96.95	206.51	532.77			
5/8/99 0:45	1009.75	29.82	0.748	96.95	206.51	531.00			
5/8/99 1:00	1009.88	29.82	0.744	96.69	206.04	529.22	529.74		
5/8/99 1:15	1010.00	29.83	0.739	96.69	206.04	527.65			
5/8/99 1:30	1010.00	29.83	0.741	96.69	206.04	528.08			
5/8/99 1:45	1009.88	29.82	0.740	96.95	206.51	528.08			
5/8/99 2:00	1010.00	29.83	0.739	96.95	206.51	527.59	527.81		
5/8/99 2:15	1009.88	29.82	0.736	96.69	206.04	526.54			
5/8/99 2:30	1009.75	29.82	0.740	96.43	205.57	527.74			
5/8/99 2:45	1009.63	29.81	0.738	96.43	205.57	526.89			
5/8/99 3:00	1009.63	29.81	0.740	96.17	205.10	527.59	526.22		
5/8/99 3:15	1009.75	29.82	0.748	95.38	203.69	529.20			
5/8/99 3:30	1009.63	29.81	0.747	95.64	204.16	529.67			
5/8/99 3:45	1009.63	29.81	0.748	94.34	201.81	528.94			
5/8/99 4:00	1009.50	29.81	0.748	95.12	203.22	529.54	529.10		
5/8/99 4:15	1009.38	29.81	0.748	95.12	203.22	528.90			
5/8/99 4:30	1009.50	29.81	0.744	95.12	203.22	528.44			
5/8/99 4:45	1009.50	29.81	0.738	95.91	204.63	526.76			
5/8/99 5:00	1009.63	29.81	0.736	95.64	204.16	525.86	526.58		
5/8/99 5:15	1009.75	29.82	0.738	95.91	204.63	526.46			
5/8/99 5:30	1009.75	29.82	0.734	95.91	204.63	525.37			
5/8/99 5:45	1009.88	29.82	0.738	95.91	204.63	526.45			
5/8/99 6:00	1010.13	29.83	0.738	96.17	205.10	526.57	526.31		
5/8/99 6:15	1010.38	29.84	0.739	96.43	205.57	527.12			
5/8/99 6:30	1010.63	29.84	0.738	95.64	204.16	526.07			
5/8/99 6:45	1010.75	29.85	0.746	95.64	204.16	529.13			
5/8/99 7:00	1010.75	29.85	0.746	95.38	203.69	528.73	529.01		
5/8/99 7:15	1010.75	29.85	0.748	95.91	204.63	529.99			
5/8/99 7:30	1010.75	29.85	0.752	95.64	204.16	531.14			
5/8/99 7:45	1010.75	29.85	0.748	95.64	204.16	529.80			
5/8/99 8:00	1010.75	29.85	0.750	96.95	206.51	531.41	530.57		
5/8/99 8:15	1010.75	29.85	0.748	97.21	206.98	530.71			
5/8/99 8:30	1010.88	29.85	0.744	97.47	207.45	529.76			
5/8/99 8:45	1011.00	29.85	0.743	97.73	207.92	529.45			
5/8/99 9:00	1011.00	29.85	0.742	97.73	207.92	529.03	529.76		
5/8/99 9:15	1011.00	29.85	0.745	98.52	209.33	530.69			
5/8/99 9:30	1011.00	29.85	0.742	99.04	210.27	529.96			
5/8/99 9:45	1011.00	29.85	0.743	99.30	210.74	530.38			
5/8/99 10:00	1011.00	29.85	0.743	99.30	210.74	530.57	530.99		
5/8/99 10:15	1011.13	29.86	0.745	99.30	210.74	531.22			
5/8/99 10:30	1011.38	29.87	0.749	99.82	211.68	532.84			
5/8/99 10:45	1011.50	29.87	0.752	99.82	211.68	533.95			
5/8/99 11:00	1011.63	29.87	0.756	100.09	212.15	535.41	534.97		
5/8/99 11:15	1011.63	29.87	0.759	99.82	211.68	536.57			
5/8/99 11:30	1011.75	29.88	0.759	99.56	211.21	536.10			
5/8/99 11:45	1012.00	29.88	0.761	99.82	211.68	536.89			
5/8/99 12:00	1012.25	29.89	0.757	100.09	212.15	535.71	535.76		
5/8/99 12:15	1012.63	29.90	0.757	100.09	212.15	535.61			
5/8/99 12:30	1012.75	29.91	0.754	99.82	211.68	534.50			
5/8/99 12:45	1012.88	29.91	0.751	99.56	211.21	532.94			
5/8/99 13:00	1013.00	29.91	0.747	99.56	211.21	531.59	532.54		
5/8/99 13:15	1013.00	29.91	0.749	99.30	210.74	532.04			
5/8/99 13:30	1013.00	29.91	0.748	99.30	210.74	531.62			
5/8/99 13:45	1013.00	29.91	0.748	99.30	210.74	531.63			
5/8/99 14:00	1012.88	29.91	0.746	99.30	210.74	530.97	531.69		
5/8/99 14:15	1013.00	29.91	0.748	99.56	211.21	531.34			
5/8/99 14:30	1013.00	29.91	0.750	99.56	211.21	532.69			
5/8/99 14:45	1013.13	29.92	0.756	99.04	210.27	534.27			
5/8/99 15:00	1013.00	29.91	0.759	98.78	209.80	535.21	534.63		
5/8/99 15:15	1012.88	29.91	0.760	98.78	209.80	535.70			
5/8/99 15:30	1012.75	29.91	0.759	98.78	209.80	535.27			
5/8/99 15:45	1012.88	29.91	0.758	99.04	210.27	535.22			
5/8/99 16:00	1012.88	29.91	0.758	99.04	210.27	535.00	534.34		
5/8/99 16:15	1012.75	29.91	0.752	99.30	210.74	533.24			
5/8/99 16:30	1012.75	29.91	0.751	99.56	211.21	532.97			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/6/99 5:15	1004.83	29.87	0.742	101.39	214.51	533.31			
5/6/99 5:30	1004.00	29.85	0.740	101.39	214.51	532.80			
5/6/99 5:45	1003.75	29.84	0.739	101.39	214.51	532.65			
5/6/99 6:00	1003.63	29.84	0.738	101.13	214.04	531.81	532.03		
5/6/99 6:15	1003.38	29.83	0.738	101.13	214.04	531.87			
5/6/99 6:30	1003.13	29.82	0.735	101.13	214.04	531.04			
5/6/99 6:45	1002.88	29.81	0.738	101.13	214.04	532.22			
5/6/99 7:00	1002.50	29.80	0.743	100.81	213.10	533.75	532.83		
5/6/99 7:15	1002.50	29.80	0.744	100.09	212.15	533.84			
5/6/99 7:30	1002.50	29.80	0.745	99.04	210.27	533.31			
5/6/99 7:45	1002.13	29.59	0.744	98.78	209.80	533.01			
5/6/99 8:00	1002.13	29.59	0.744	99.56	211.21	533.32	533.23		
5/6/99 8:15	1002.38	29.80	0.743	100.09	212.15	533.19			
5/6/99 8:30	1002.50	29.80	0.742	100.81	213.10	533.32			
5/6/99 8:45	1002.63	29.81	0.739	101.39	214.51	532.69			
5/6/99 9:00	1002.50	29.80	0.738	101.65	214.98	532.48	533.60		
5/6/99 9:15	1002.38	29.80	0.739	101.91	215.45	533.38			
5/6/99 9:30	1002.38	29.80	0.748	101.39	214.51	536.14			
5/6/99 9:45	1002.38	29.80	0.763	100.61	213.10	540.71			
5/6/99 10:00	1002.25	29.80	0.729	102.18	215.92	529.98	533.58		
5/6/99 10:15	1002.25	29.80	0.729	102.70	216.86	530.35			
5/6/99 10:30	1002.38	29.80	0.731	102.70	216.86	530.75			
5/6/99 10:45	1002.25	29.80	0.737	102.44	216.39	532.88			
5/6/99 11:00	1002.13	29.59	0.742	102.70	216.86	534.91	534.03		
5/6/99 11:15	1002.13	29.59	0.744	102.44	216.39	535.37			
5/6/99 11:30	1002.13	29.59	0.746	102.70	216.86	536.24			
5/6/99 11:45	1002.25	29.80	0.746	103.22	217.80	536.58			
5/6/99 12:00	1002.50	29.80	0.744	103.74	218.74	536.20	535.74		
5/6/99 12:15	1002.63	29.81	0.738	104.01	219.21	534.11			
5/6/99 12:30	1002.75	29.81	0.741	104.53	220.15	535.57			
5/6/99 12:45	1002.88	29.81	0.738	104.79	220.62	534.82			
5/6/99 13:00	1002.88	29.81	0.737	104.79	220.62	534.38	534.65		
5/6/99 13:15	1003.63	29.84	0.738	104.79	220.62	534.62			
5/6/99 13:30	1005.13	29.88	0.738	104.27	219.88	533.85			
5/6/99 13:45	1005.38	29.89	0.741	103.22	217.80	534.16			
5/6/99 14:00	1005.75	29.70	0.748	102.18	215.92	535.58	534.85		
5/6/99 14:15	1006.13	29.71	0.751	101.39	214.51	536.24			
5/6/99 14:30	1006.25	29.71	0.748	101.39	214.51	534.42			
5/6/99 14:45	1006.50	29.72	0.746	100.35	212.62	534.08			
5/6/99 15:00	1006.38	29.72	0.739	99.56	211.21	530.65	531.89		
5/6/99 15:15	1006.50	29.72	0.738	100.61	213.10	530.68			
5/6/99 15:30	1006.50	29.72	0.736	100.09	212.15	529.62			
5/6/99 15:45	1006.38	29.72	0.732	99.04	210.27	527.58			
5/6/99 16:00	1006.25	29.71	0.733	99.56	211.21	528.20	528.37		
5/6/99 16:15	1006.25	29.71	0.733	100.09	212.15	528.57			
5/6/99 16:30	1006.38	29.72	0.731	99.82	211.68	527.88			
5/6/99 16:45	1006.38	29.72	0.729	100.09	212.15	527.42			
5/6/99 17:00	1006.38	29.72	0.735	99.56	211.21	529.07	458.86		
5/6/99 17:15	1006.50	29.72	0.584	94.08	201.34	468.25			
5/6/99 17:30	1006.63	29.73	0.166	72.13	161.83	241.69			
5/6/99 17:45	1006.63	29.73	0.782	92.25	198.04	540.24			
5/6/99 18:00	1006.75	29.73	0.774	96.26	208.86	541.77	481.22		
5/6/99 18:15	1007.00	29.74	0.769	100.35	212.62	541.71			
5/6/99 18:30	1007.13	29.74	0.765	101.13	214.04	540.69			
5/6/99 18:45	1007.25	29.74	0.759	101.91	215.45	539.24			
5/6/99 19:00	1007.38	29.75	0.758	101.91	215.45	538.74	538.57		
5/6/99 19:15	1007.50	29.75	0.755	102.18	215.92	537.79			
5/6/99 19:30	1007.75	29.76	0.751	102.18	215.92	536.37			
5/6/99 19:45	1007.88	29.76	0.751	101.85	214.98	535.75			
5/6/99 20:00	1008.00	29.77	0.751	101.39	214.51	535.53	534.99		
5/6/99 20:15	1008.25	29.77	0.746	100.87	213.57	534.20			
5/6/99 20:30	1008.50	29.78	0.746	100.35	212.62	533.08			
5/6/99 20:45	1008.50	29.78	0.744	99.56	211.21	531.63			
5/6/99 21:00	1008.63	29.78	0.745	99.04	210.27	531.69	532.52		
5/6/99 21:15	1008.75	29.79	0.751	98.26	208.86	533.30			
5/6/99 21:30	1008.88	29.79	0.751	97.73	207.92	532.89			
5/6/99 21:45	1009.13	29.80	0.754	97.47	207.45	533.77			
5/6/99 22:00	1009.38	29.81	0.749	97.47	207.45	531.93	532.13		
5/6/99 22:15	1009.38	29.81	0.749	97.47	207.45	531.69			
5/6/99 22:30	1009.38	29.81	0.745	97.47	207.45	530.37			
5/6/99 22:45	1009.50	29.81	0.744	97.47	207.45	529.88			
5/6/99 23:00	1009.50	29.81	0.743	97.47	207.45	529.45	529.53		
5/6/99 23:15	1009.50	29.81	0.741	97.47	207.45	528.98			
5/6/99 23:30	1009.50	29.81	0.741	97.47	207.45	528.98			
5/6/99 23:45	1009.63	29.81	0.741	97.47	207.45	528.95			
5/7/99 0:00	1009.63	29.81	0.742	97.47	207.45	529.20	529.22		
5/7/99 0:15	1009.63	29.81	0.741	97.21	206.98	528.76			
5/7/99 0:30	1009.75	29.82	0.747	96.43	205.57	530.20			
5/7/99 0:45	1009.75	29.82	0.752	96.17	205.10	531.78			
5/7/99 1:00	1009.75	29.82	0.754	95.64	204.16	532.04	531.64		
5/7/99 1:15	1009.63	29.81	0.754	95.64	204.16	532.08			
5/7/99 1:30	1009.50	29.81	0.753	95.91	204.63	532.09			
5/7/99 1:45	1009.38	29.81	0.750	95.38	203.69	530.65			
5/7/99 2:00	1009.25	29.80	0.744	95.91	204.63	529.07	529.51		
5/7/99 2:15	1009.13	29.80	0.741	95.91	204.63	527.75			
5/7/99 2:30	1009.00	29.80	0.741	95.91	204.63	528.00			
5/7/99 2:45	1009.00	29.80	0.739	96.17	205.10	527.54			
5/7/99 3:00	1009.13	29.80	0.739	96.17	205.10	527.51	527.54		
5/7/99 3:15	1009.25	29.80	0.739	95.64	204.16	527.10			
5/7/99 3:30	1009.13	29.80	0.740	95.91	204.63	527.54			
5/7/99 3:45	1009.13	29.80	0.740	96.95	206.51	528.28			
5/7/99 4:00	1009.25	29.80	0.747	96.43	205.57	530.33	529.38		
5/7/99 4:15	1009.25	29.80	0.749	95.38	203.69	530.22			
5/7/99 4:30	1009.38	29.81	0.750	95.12	203.22	530.48			
5/7/99 4:45	1009.50	29.81	0.751	94.60	202.28	530.26			
5/7/99 5:00	1009.50	29.81	0.751	94.86	202.75	530.45	529.93		
5/7/99 5:15	1009.63	29.81	0.748	95.12	203.22	529.51			
5/7/99 5:30	1009.75	29.82	0.745	95.64	204.16	528.96			
5/7/99 5:45	1009.75	29.82	0.742	95.64	204.16	527.86			
5/7/99 6:00	1009.88	29.82	0.743	96.17	205.10	528.63	528.46		
5/7/99 6:15	1010.00	29.83	0.740	96.69	206.04	527.87			
5/7/99 6:30	1009.88	29.82	0.743	96.69	206.04	529.00			
5/7/99 6:45	1009.88	29.82	0.739	96.95	206.51	527.62			
5/7/99 7:00	1010.00	29.83	0.742	96.95	206.51	528.73	528.48		
5/7/99 7:15	1010.13	29.83	0.739	96.69	206.04	527.82			
5/7/99 7:30	1010.25	29.83	0.746	96.17	205.10	529.42			
5/7/99 7:45	1010.25	29.83	0.751	96.17	205.10	531.19			
5/7/99 8:00	1010.38	29.84	0.752	96.43	205.57	531.81	531.81		
5/7/99 8:15	1010.13	29.83	0.754	96.95	206.51	533.13			
5/7/99 8:30	1010.25	29.83	0.755	97.21	206.98	533.50			
5/7/99 8:45	1010.38	29.84	0.757	97.47	207.45	534.33			
5/7/99 9:00	1010.50	29.84	0.755	98.00	208.39	534.00	533.62		
5/7/99 9:15	1010.38	29.84	0.750	98.78	209.80	532.82			
5/7/99 9:30	1010.25	29.83	0.751	99.30	210.74	533.44			
5/7/99 9:45	1010.50	29.84	0.751	99.82	211.68	533.75			
5/7/99 10:00	1010.63	29.84	0.749	100.09	212.15	533.23	533.75		
5/7/99 10:15	1010.63	29.84	0.749	100.61	213.10	533.60			
5/7/99 10:30	1010.38	29.84	0.751	101.13	214.04	534.72			
5/7/99 10:45	1010.25	29.83	0.750	101.13	214.04	534.53			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/4/99 23:30	1009.25	29.80	0.739	103.22	217.80	532.23			
5/4/99 23:45	1009.25	29.80	0.740	102.96	217.33	532.52			
5/5/99 0:00	1009.25	29.80	0.739	103.48	218.27	532.87	532.41		
5/5/99 0:15	1009.38	29.81	0.735	103.48	218.27	531.05			
5/5/99 0:30	1009.50	29.81	0.743	102.96	217.33	533.57			
5/5/99 0:45	1009.50	29.81	0.745	102.70	216.86	534.06			
5/5/99 1:00	1009.38	29.81	0.748	102.44	216.39	535.02	534.47		
5/5/99 1:15	1009.50	29.81	0.748	102.44	216.39	534.99			
5/5/99 1:30	1009.63	29.81	0.748	102.44	216.39	534.74			
5/5/99 1:45	1009.75	29.82	0.745	102.44	216.39	533.81			
5/5/99 2:00	1009.50	29.81	0.739	102.70	216.86	531.60	532.85		
5/5/99 2:15	1009.25	29.80	0.741	102.70	216.86	532.55			
5/5/99 2:30	1008.75	29.79	0.737	102.70	216.86	531.35			
5/5/99 2:45	1008.38	29.78	0.736	102.70	216.86	530.98			
5/5/99 3:00	1008.00	29.77	0.738	102.70	216.86	531.76	531.57		
5/5/99 3:15	1007.75	29.76	0.733	103.22	217.80	530.39			
5/5/99 3:30	1007.63	29.76	0.741	102.96	217.33	533.38			
5/5/99 3:45	1007.63	29.76	0.746	102.70	216.86	534.77			
5/5/99 4:00	1007.38	29.75	0.745	102.44	216.39	534.44	534.29		
5/5/99 4:15	1007.50	29.75	0.746	102.18	215.92	534.44			
5/5/99 4:30	1007.63	29.76	0.746	102.18	215.92	534.40			
5/5/99 4:45	1007.75	29.76	0.743	102.18	215.92	533.26			
5/5/99 5:00	1007.88	29.76	0.738	102.18	215.92	531.64	532.27		
5/5/99 5:15	1008.13	29.77	0.735	102.18	215.92	530.46			
5/5/99 5:30	1008.00	29.77	0.738	102.18	215.92	531.61			
5/5/99 5:45	1007.88	29.76	0.738	102.44	216.39	531.61			
5/5/99 6:00	1007.88	29.76	0.736	102.44	216.39	530.93	531.56		
5/5/99 6:15	1008.00	29.77	0.736	102.70	216.86	531.29			
5/5/99 6:30	1008.38	29.78	0.740	102.44	216.39	532.38			
5/5/99 6:45	1008.63	29.78	0.743	102.18	215.92	533.24			
5/5/99 7:00	1008.88	29.79	0.744	101.65	214.98	533.27	533.04		
5/5/99 7:15	1009.00	29.80	0.743	101.91	215.45	532.96			
5/5/99 7:30	1009.25	29.80	0.744	101.91	215.45	533.36			
5/5/99 7:45	1009.50	29.81	0.742	101.91	215.45	532.39			
5/5/99 8:00	1009.38	29.81	0.738	102.18	215.92	531.25	531.79		
5/5/99 8:15	1008.88	29.79	0.736	102.18	215.92	530.69			
5/5/99 8:30	1008.50	29.78	0.738	102.18	215.92	531.28			
5/5/99 8:45	1008.13	29.77	0.057	74.48	166.06	142.04			
5/5/99 9:00	1007.63	29.76	0.000	66.64	151.95	0.00	134.66		
5/5/99 9:15	1007.25	29.74	0.000	55.93	132.67	0.00			
5/5/99 9:30	1006.63	29.73	0.000	48.09	118.56	0.00			
5/5/99 9:45	1006.75	29.73	0.000	41.82	107.27	0.00			
5/5/99 10:00	1007.50	29.75	0.000	37.38	99.28	0.00	0.00		
5/5/99 10:15	1007.00	29.74	0.000	34.50	94.10	0.00			
5/5/99 10:30	1007.25	29.74	0.000	32.67	90.81	0.00			
5/5/99 10:45	1007.63	29.76	0.000	31.37	88.46	0.00			
5/5/99 11:00	1008.13	29.77	0.000	30.06	86.11	0.00	0.00		
5/5/99 11:15	1008.13	29.77	0.000	29.01	84.22	0.00			
5/5/99 11:30	1008.13	29.77	0.000	28.49	83.28	0.00			
5/5/99 11:45	1008.00	29.77	0.000	27.45	81.40	0.00			
5/5/99 12:00	1008.00	29.77	0.000	27.18	80.93	0.00	0.00		
5/5/99 12:15	1008.13	29.77	0.000	26.92	80.46	0.00			
5/5/99 12:30	1008.13	29.77	0.000	26.66	79.99	0.00			
5/5/99 12:45	1008.13	29.77	0.000	26.66	79.99	0.00			
5/5/99 13:00	1008.13	29.77	0.000	26.40	79.52	0.00	0.00		
5/5/99 13:15	1008.00	29.77	0.000	26.40	79.52	0.00			
5/5/99 13:30	1007.75	29.76	0.000	26.14	79.05	0.00			
5/5/99 13:45	1007.75	29.76	0.000	26.14	79.05	0.00			
5/5/99 14:00	1007.63	29.76	0.000	25.88	78.58	0.00	0.00		
5/5/99 14:15	1007.63	29.76	0.000	25.88	78.58	0.00			
5/5/99 14:30	1007.63	29.76	0.000	25.88	78.58	0.00			
5/5/99 14:45	1007.63	29.76	0.000	26.14	79.05	0.00			
5/5/99 15:00	1007.63	29.76	0.000	26.14	79.05	0.00	0.00		
5/5/99 15:15	1007.63	29.76	0.000	26.40	79.52	0.00			
5/5/99 15:30	1007.50	29.75	0.000	26.40	79.52	0.00			
5/5/99 15:45	1007.63	29.76	0.000	26.66	79.99	0.00			
5/5/99 16:00	1007.75	29.76	0.000	26.66	79.99	0.00	0.00		
5/5/99 16:15	1007.88	29.76	0.000	26.66	79.99	0.00			
5/5/99 16:30	1007.88	29.76	0.000	26.66	79.99	0.00			
5/5/99 16:45	1007.75	29.76	0.580	62.98	145.37	446.03			
5/5/99 17:00	1007.63	29.76	0.759	94.60	202.28	533.61	411.55		
5/5/99 17:15	1007.63	29.76	0.760	100.35	212.62	538.22			
5/5/99 17:30	1007.63	29.76	0.759	102.96	217.33	539.89			
5/5/99 17:45	1007.63	29.76	0.760	104.27	219.68	541.04			
5/5/99 18:00	1007.75	29.76	0.758	104.53	220.15	540.51	540.26		
5/5/99 18:15	1007.75	29.76	0.757	104.79	220.62	540.27			
5/5/99 18:30	1007.75	29.76	0.754	105.05	221.09	539.57			
5/5/99 18:45	1007.50	29.75	0.754	105.31	221.56	539.82			
5/5/99 19:00	1007.38	29.75	0.751	105.57	222.03	538.68	539.05		
5/5/99 19:15	1007.38	29.75	0.748	105.57	222.03	537.78			
5/5/99 19:30	1007.38	29.75	0.754	105.05	221.09	539.42			
5/5/99 19:45	1007.75	29.76	0.759	104.53	220.15	540.73			
5/5/99 20:00	1007.50	29.75	0.762	104.53	220.15	541.93	540.91		
5/5/99 20:15	1007.38	29.75	0.761	104.27	219.68	541.32			
5/5/99 20:30	1007.38	29.75	0.761	104.01	219.21	541.13			
5/5/99 20:45	1007.50	29.75	0.758	104.01	219.21	540.21			
5/5/99 21:00	1007.63	29.76	0.757	104.01	219.21	539.75	539.35		
5/5/99 21:15	1008.00	29.77	0.754	104.01	219.21	538.50			
5/5/99 21:30	1008.00	29.77	0.750	104.01	219.21	537.18			
5/5/99 21:45	1008.38	29.78	0.747	104.01	219.21	535.97			
5/5/99 22:00	1008.50	29.78	0.752	104.27	219.68	537.91	536.78		
5/5/99 22:15	1008.63	29.78	0.747	104.27	219.68	536.09			
5/5/99 22:30	1008.75	29.79	0.749	104.01	219.21	536.77			
5/5/99 22:45	1008.63	29.78	0.748	104.01	219.21	536.12			
5/5/99 23:00	1008.63	29.78	0.751	104.27	219.68	537.63	537.00		
5/5/99 23:15	1008.63	29.78	0.747	104.01	219.21	535.90			
5/5/99 23:30	1008.75	29.79	0.755	103.74	218.74	538.58			
5/5/99 23:45	1008.50	29.78	0.759	103.48	218.27	539.78			
5/6/99 0:00	1008.13	29.77	0.759	103.22	217.80	539.94	539.50		
5/6/99 0:15	1008.00	29.77	0.759	102.96	217.33	539.79			
5/6/99 0:30	1007.63	29.76	0.758	102.96	217.33	539.43			
5/6/99 0:45	1007.38	29.75	0.758	102.96	217.33	539.28			
5/6/99 1:00	1007.00	29.74	0.753	102.96	217.33	537.81	537.70		
5/6/99 1:15	1006.38	29.72	0.748	103.22	217.80	536.37			
5/6/99 1:30	1006.50	29.72	0.746	103.48	218.27	535.83			
5/6/99 1:45	1006.63	29.73	0.748	103.22	217.80	536.31			
5/6/99 2:00	1006.63	29.73	0.746	102.96	217.33	535.23	535.15		
5/6/99 2:15	1006.63	29.73	0.743	102.70	216.86	534.14			
5/6/99 2:30	1006.25	29.71	0.744	102.70	216.86	534.46			
5/6/99 2:45	1005.88	29.70	0.740	102.70	216.86	533.23			
5/6/99 3:00	1005.75	29.70	0.743	102.70	216.86	534.37	534.99		
5/6/99 3:15	1006.00	29.71	0.747	102.70	216.86	535.67			
5/6/99 3:30	1006.25	29.71	0.753	102.18	215.92	537.24			
5/6/99 3:45	1006.25	29.71	0.754	101.65	214.98	537.54			
5/6/99 4:00	1005.88	29.70	0.754	101.39	214.51	537.45	536.89		
5/6/99 4:15	1006.00	29.71	0.754	101.13	214.04	537.23			
5/6/99 4:30	1006.25	29.71	0.749	100.61	213.10	535.01			
5/6/99 4:45	1005.75	29.70	0.747	100.87	213.57	534.43			
5/6/99 5:00	1004.75	29.67	0.744	101.13	214.04	533.74	533.86		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/3/99 17:45	1014.25	29.95	0.778	104.53	220.15	545.84			
5/3/99 18:00	1014.25	29.95	0.778	104.53	220.15	545.84	546.03		
5/3/99 18:15	1014.25	29.95	0.779	104.53	220.15	546.05			
5/3/99 18:30	1014.13	29.95	0.777	104.27	219.68	545.26			
5/3/99 18:45	1014.13	29.95	0.774	104.27	219.68	544.14			
5/3/99 19:00	1014.13	29.95	0.778	104.01	219.21	545.50	546.09		
5/3/99 19:15	1014.13	29.95	0.785	103.48	218.27	547.53			
5/3/99 19:30	1014.00	29.94	0.787	103.22	217.80	548.04			
5/3/99 19:45	1013.88	29.94	0.784	102.70	216.86	546.82			
5/3/99 20:00	1013.88	29.94	0.782	102.70	216.86	545.95	545.29		
5/3/99 20:15	1013.88	29.94	0.778	102.44	216.39	543.76			
5/3/99 20:30	1014.00	29.94	0.773	101.65	214.98	541.87			
5/3/99 20:45	1014.00	29.94	0.771	100.87	213.57	540.63			
5/3/99 21:00	1014.13	29.95	0.767	100.09	212.15	538.74	539.43		
5/3/99 21:15	1014.13	29.95	0.768	99.30	210.74	538.38			
5/3/99 21:30	1014.13	29.95	0.766	99.04	210.27	537.53			
5/3/99 21:45	1014.25	29.95	0.768	98.52	209.33	537.78			
5/3/99 22:00	1014.25	29.95	0.772	98.00	208.39	538.94	538.79		
5/3/99 22:15	1014.25	29.95	0.776	97.47	207.45	540.06			
5/3/99 22:30	1014.38	29.95	0.776	97.21	206.98	539.63			
5/3/99 22:45	1014.50	29.96	0.771	97.21	206.98	536.06			
5/3/99 23:00	1014.50	29.96	0.766	97.47	207.45	536.50	537.84		
5/3/99 23:15	1014.38	29.95	0.766	98.26	208.86	537.10			
5/3/99 23:30	1014.38	29.95	0.767	99.04	210.27	537.92			
5/3/99 23:45	1014.38	29.95	0.766	99.56	211.21	538.05			
5/4/99 0:00	1014.25	29.95	0.768	99.82	211.68	538.94	538.27		
5/4/99 0:15	1014.38	29.95	0.765	99.82	211.68	537.81			
5/4/99 0:30	1014.50	29.96	0.768	99.82	211.68	538.66			
5/4/99 0:45	1014.38	29.95	0.776	99.30	210.74	541.15			
5/4/99 1:00	1014.25	29.95	0.775	99.04	210.27	540.78	540.20		
5/4/99 1:15	1014.25	29.95	0.778	98.52	209.33	541.48			
5/4/99 1:30	1014.25	29.95	0.772	98.00	208.39	538.94			
5/4/99 1:45	1014.25	29.95	0.769	97.47	207.45	537.69			
5/4/99 2:00	1014.25	29.95	0.765	97.47	207.45	536.15	536.59		
5/4/99 2:15	1014.25	29.95	0.763	97.47	207.45	535.48			
5/4/99 2:30	1014.13	29.95	0.761	97.21	206.98	534.66			
5/4/99 2:45	1014.13	29.95	0.763	96.95	206.51	535.14			
5/4/99 3:00	1014.13	29.95	0.759	96.95	206.51	533.59	534.90		
5/4/99 3:15	1014.00	29.94	0.761	96.69	206.04	534.32			
5/4/99 3:30	1014.00	29.94	0.769	96.17	205.10	536.81			
5/4/99 3:45	1014.13	29.95	0.772	95.38	203.69	537.08			
5/4/99 4:00	1014.13	29.95	0.768	95.38	203.69	535.75	535.90		
5/4/99 4:15	1014.25	29.95	0.769	95.64	204.18	536.12			
5/4/99 4:30	1014.25	29.95	0.762	95.64	204.16	533.74			
5/4/99 4:45	1014.13	29.95	0.761	95.64	204.16	533.32			
5/4/99 5:00	1014.25	29.95	0.761	95.64	204.16	533.50	533.28		
5/4/99 5:15	1014.25	29.95	0.758	96.43	205.57	532.97			
5/4/99 5:30	1014.38	29.95	0.757	96.95	206.51	532.90			
5/4/99 5:45	1014.25	29.95	0.758	96.95	206.51	533.14			
5/4/99 6:00	1014.38	29.95	0.764	96.43	205.57	534.91	535.06		
5/4/99 6:15	1014.50	29.96	0.771	95.38	203.69	536.73			
5/4/99 6:30	1014.25	29.95	0.773	95.91	204.63	537.63			
5/4/99 6:45	1014.38	29.95	0.769	95.64	204.16	536.08			
5/4/99 7:00	1014.63	29.96	0.766	96.17	205.10	535.53	535.42		
5/4/99 7:15	1014.63	29.96	0.762	95.91	204.63	533.83			
5/4/99 7:30	1014.63	29.96	0.762	96.17	205.10	534.02			
5/4/99 7:45	1014.75	29.97	0.761	96.69	206.04	533.91			
5/4/99 8:00	1014.63	29.96	0.761	97.47	207.45	534.72	536.21		
5/4/99 8:15	1014.75	29.97	0.761	98.26	208.86	535.04			
5/4/99 8:30	1014.75	29.97	0.784	98.26	208.86	543.35			
5/4/99 8:45	1015.00	29.97	0.796	97.21	206.98	546.37			
5/4/99 9:00	1015.00	29.97	0.769	99.30	210.74	538.57	397.43		
5/4/99 9:15	1015.00	29.97	0.355	84.93	184.88	358.87			
5/4/99 9:30	1015.13	29.98	0.000	71.34	160.42	0.00			
5/4/99 9:45	1015.00	29.97	0.000	59.59	139.25	0.00			
5/4/99 10:00	1015.13	29.98	0.338	58.28	136.90	336.63	280.43		
5/4/99 10:15	1015.13	29.98	0.757	94.34	201.81	530.82			
5/4/99 10:30	1015.25	29.98	0.757	99.82	211.68	534.73			
5/4/99 10:45	1015.25	29.98	0.759	101.65	214.98	536.92			
5/4/99 11:00	1015.25	29.98	0.757	102.96	217.33	536.97	536.12		
5/4/99 11:15	1015.13	29.98	0.754	104.01	219.21	536.61			
5/4/99 11:30	1015.13	29.98	0.749	104.79	220.62	535.38			
5/4/99 11:45	1014.88	29.97	0.749	105.05	221.09	535.88			
5/4/99 12:00	1014.75	29.97	0.748	105.57	222.03	535.82	535.87		
5/4/99 12:15	1014.50	29.96	0.747	105.57	222.03	535.46			
5/4/99 12:30	1014.25	29.95	0.749	106.10	222.97	536.79			
5/4/99 12:45	1014.13	29.95	0.748	106.10	222.97	536.14			
5/4/99 13:00	1013.88	29.94	0.755	106.10	222.97	538.89	541.27		
5/4/99 13:15	1013.63	29.93	0.799	104.79	220.62	553.62			
5/4/99 13:30	1013.38	29.92	0.762	105.31	221.56	540.92			
5/4/99 13:45	1013.25	29.92	0.754	106.62	223.91	538.96			
5/4/99 14:00	1012.88	29.91	0.755	106.62	223.91	539.53	539.28		
5/4/99 14:15	1012.63	29.90	0.753	107.14	224.85	539.29			
5/4/99 14:30	1012.63	29.90	0.749	107.14	224.85	537.71			
5/4/99 14:45	1012.50	29.90	0.748	107.66	225.79	537.89			
5/4/99 15:00	1012.25	29.89	0.748	107.40	225.32	537.56	537.92		
5/4/99 15:15	1012.00	29.88	0.749	108.19	228.73	538.86			
5/4/99 15:30	1011.75	29.88	0.746	107.92	226.26	537.59			
5/4/99 15:45	1011.75	29.88	0.749	107.92	226.26	538.75			
5/4/99 16:00	1011.50	29.87	0.750	107.40	225.32	538.66	539.59		
5/4/99 16:15	1011.38	29.87	0.758	106.62	223.91	541.04			
5/4/99 16:30	1011.50	29.87	0.761	106.62	223.91	541.89			
5/4/99 16:45	1011.25	29.86	0.756	106.36	223.44	540.20			
5/4/99 17:00	1011.00	29.85	0.754	106.62	223.91	539.56	539.67		
5/4/99 17:15	1010.75	29.85	0.751	107.40	225.32	539.29			
5/4/99 17:30	1010.75	29.85	0.749	107.40	225.32	538.39			
5/4/99 17:45	1010.63	29.84	0.748	107.14	224.85	538.02			
5/4/99 18:00	1010.75	29.85	0.748	107.66	225.79	538.36	537.89		
5/4/99 18:15	1010.50	29.84	0.747	107.14	224.85	537.63			
5/4/99 18:30	1010.25	29.83	0.746	106.88	224.36	537.04			
5/4/99 18:45	1010.50	29.84	0.751	106.10	222.97	538.22			
5/4/99 19:00	1010.50	29.84	0.754	105.83	222.50	539.39	538.93		
5/4/99 19:15	1010.38	29.84	0.756	105.57	222.03	539.88			
5/4/99 19:30	1010.38	29.84	0.757	105.57	222.03	540.13			
5/4/99 19:45	1010.25	29.83	0.756	105.31	221.56	539.73			
5/4/99 20:00	1010.13	29.83	0.749	104.79	220.62	536.96	537.57		
5/4/99 20:15	1010.00	29.83	0.746	104.79	220.62	535.84			
5/4/99 20:30	1010.00	29.83	0.744	104.79	220.62	535.20			
5/4/99 20:45	1010.00	29.83	0.744	104.27	219.68	534.57			
5/4/99 21:00	1009.88	29.82	0.743	103.74	218.74	533.61	533.67		
5/4/99 21:15	1009.75	29.82	0.739	103.22	217.80	532.10			
5/4/99 21:30	1009.63	29.81	0.741	102.70	216.86	532.67			
5/4/99 21:45	1009.63	29.81	0.746	102.44	216.39	534.06			
5/4/99 22:00	1009.63	29.81	0.746	101.91	215.45	533.69	533.57		
5/4/99 22:15	1009.50	29.81	0.747	101.39	214.51	533.81			
5/4/99 22:30	1009.25	29.80	0.746	101.39	214.51	533.63			
5/4/99 22:45	1009.38	29.81	0.744	101.91	215.45	533.07			
5/4/99 23:00	1009.38	29.81	0.739	102.70	216.86	532.08	532.52		
5/4/99 23:15	1009.25	29.80	0.737	103.22	217.80	531.59			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/2/99 12:00	1021.25	30.16	0.788	102.96	217.33	545.66	546.10		
5/2/99 12:15	1021.13	30.15	0.788	103.22	217.80	546.33			
5/2/99 12:30	1021.00	30.15	0.789	103.48	218.27	546.97			
5/2/99 12:45	1020.88	30.15	0.786	103.74	218.74	546.12			
5/2/99 13:00	1020.88	30.15	0.784	103.74	218.74	545.70	546.74		
5/2/99 13:15	1020.75	30.14	0.787	104.01	219.21	546.79			
5/2/99 13:30	1020.63	30.14	0.791	103.74	218.74	548.13			
5/2/99 13:45	1020.38	30.13	0.796	103.48	218.27	549.73			
5/2/99 14:00	1020.25	30.13	0.796	103.48	218.27	549.78	549.57		
5/2/99 14:15	1020.13	30.12	0.798	103.48	218.27	550.45			
5/2/99 14:30	1020.00	30.12	0.795	104.01	219.21	549.80			
5/2/99 14:45	1019.88	30.12	0.796	104.27	219.68	550.23			
5/2/99 15:00	1019.83	30.11	0.790	104.53	220.15	548.55	548.76		
5/2/99 15:15	1019.50	30.11	0.788	104.79	220.62	547.90			
5/2/99 15:30	1019.25	30.10	0.788	104.79	220.62	547.31			
5/2/99 15:45	1019.13	30.09	0.785	104.79	220.62	547.13			
5/2/99 16:00	1018.88	30.09	0.788	104.79	220.62	547.62	547.29		
5/2/99 16:15	1018.63	30.08	0.784	104.79	220.62	547.06			
5/2/99 16:30	1018.38	30.07	0.785	104.79	220.62	547.33			
5/2/99 16:45	1018.25	30.07	0.789	104.79	220.62	548.90			
5/2/99 17:00	1018.00	30.06	0.795	104.27	219.68	550.53	549.91		
5/2/99 17:15	1018.00	30.06	0.797	104.27	219.68	551.19			
5/2/99 17:30	1018.00	30.06	0.798	104.27	219.68	551.60			
5/2/99 17:45	1018.00	30.06	0.793	104.27	219.88	549.66			
5/2/99 18:00	1017.88	30.06	0.790	104.53	220.15	549.02	549.33		
5/2/99 18:15	1017.88	30.06	0.789	104.53	220.15	548.57			
5/2/99 18:30	1017.75	30.05	0.787	104.27	219.68	547.78			
5/2/99 18:45	1017.75	30.05	0.784	104.27	219.68	546.91			
5/2/99 19:00	1017.75	30.05	0.784	104.01	219.21	546.48	546.63		
5/2/99 19:15	1017.83	30.05	0.784	104.01	219.21	546.51			
5/2/99 19:30	1017.50	30.05	0.781	104.01	219.21	545.47			
5/2/99 19:45	1017.38	30.04	0.780	103.74	218.74	545.10			
5/2/99 20:00	1017.50	30.05	0.785	102.96	217.33	546.24	545.97		
5/2/99 20:15	1017.50	30.05	0.790	101.65	214.98	547.03			
5/2/99 20:30	1017.63	30.05	0.789	100.81	213.10	546.02			
5/2/99 20:45	1017.63	30.05	0.786	99.82	211.68	544.14			
5/2/99 21:00	1017.63	30.05	0.784	99.04	210.27	543.15	542.79		
5/2/99 21:15	1017.63	30.05	0.779	98.78	209.80	540.98			
5/2/99 21:30	1017.75	30.05	0.775	98.78	209.80	539.66			
5/2/99 21:45	1017.88	30.06	0.772	98.52	209.33	538.36			
5/2/99 22:00	1017.88	30.06	0.773	98.26	208.86	538.38	538.24		
5/2/99 22:15	1017.88	30.06	0.770	98.26	208.86	537.51			
5/2/99 22:30	1017.88	30.06	0.769	98.26	208.86	537.30			
5/2/99 22:45	1017.75	30.05	0.769	98.26	208.86	537.09			
5/2/99 23:00	1017.83	30.05	0.775	97.47	207.45	538.75	538.46		
5/2/99 23:15	1017.50	30.05	0.775	97.21	206.98	538.59			
5/2/99 23:30	1017.50	30.05	0.781	96.95	206.51	540.58			
5/2/99 23:45	1017.38	30.04	0.780	96.95	206.51	540.17			
5/3/99 0:00	1017.38	30.04	0.776	97.21	206.98	539.04	538.90		
5/3/99 0:15	1017.25	30.04	0.774	96.95	206.51	538.01			
5/3/99 0:30	1017.25	30.04	0.769	97.21	206.98	536.71			
5/3/99 0:45	1017.38	30.04	0.769	97.21	206.98	536.67			
5/3/99 1:00	1017.38	30.04	0.769	97.21	206.98	536.87	536.30		
5/3/99 1:15	1017.25	30.04	0.766	96.95	206.51	535.40			
5/3/99 1:30	1017.25	30.04	0.768	96.95	206.51	536.06			
5/3/99 1:45	1017.25	30.04	0.768	96.95	206.51	535.85			
5/3/99 2:00	1017.25	30.04	0.774	96.43	205.57	537.88	537.40		
5/3/99 2:15	1017.25	30.04	0.777	95.64	204.18	538.17			
5/3/99 2:30	1017.13	30.04	0.779	95.91	204.63	539.02			
5/3/99 2:45	1017.13	30.04	0.777	96.43	205.57	538.78			
5/3/99 3:00	1017.13	30.04	0.774	95.91	204.63	537.29	537.43		
5/3/99 3:15	1017.00	30.03	0.773	95.64	204.16	536.92			
5/3/99 3:30	1017.00	30.03	0.768	95.91	204.63	535.16			
5/3/99 3:45	1017.00	30.03	0.768	95.91	204.63	535.16			
5/3/99 4:00	1017.13	30.04	0.765	95.91	204.63	534.26	534.57		
5/3/99 4:15	1017.25	30.04	0.764	95.64	204.16	533.83			
5/3/99 4:30	1017.25	30.04	0.766	95.64	204.16	534.46			
5/3/99 4:45	1017.25	30.04	0.764	95.64	204.16	533.58			
5/3/99 5:00	1017.25	30.04	0.771	95.64	204.16	535.99	535.52		
5/3/99 5:15	1017.38	30.04	0.773	95.12	203.22	536.44			
5/3/99 5:30	1017.38	30.04	0.778	94.86	202.75	537.12			
5/3/99 5:45	1017.38	30.04	0.777	94.60	202.28	537.38			
5/3/99 6:00	1017.50	30.05	0.772	94.60	202.28	535.81	536.00		
5/3/99 6:15	1017.83	30.05	0.770	95.12	203.22	535.30			
5/3/99 6:30	1017.75	30.05	0.768	95.12	203.22	534.61			
5/3/99 6:45	1017.88	30.06	0.766	95.12	203.22	533.70			
5/3/99 7:00	1017.88	30.06	0.764	95.38	203.69	533.23	533.93		
5/3/99 7:15	1018.00	30.06	0.766	95.38	203.69	533.86			
5/3/99 7:30	1018.13	30.07	0.768	95.84	204.18	534.23			
5/3/99 7:45	1018.25	30.07	0.768	96.43	205.57	534.55			
5/3/99 8:00	1018.25	30.07	0.774	96.69	206.04	537.56	538.74		
5/3/99 8:15	1018.50	30.08	0.775	96.95	206.51	538.14			
5/3/99 8:30	1018.38	30.07	0.778	97.21	206.96	539.23			
5/3/99 8:45	1018.38	30.07	0.779	97.73	207.92	540.02			
5/3/99 9:00	1018.38	30.07	0.779	98.52	209.33	540.84	542.83		
5/3/99 9:15	1018.50	30.08	0.819	97.47	207.45	553.73			
5/3/99 9:30	1018.38	30.07	0.772	100.09	212.15	539.36			
5/3/99 9:45	1018.38	30.07	0.768	101.13	214.04	538.57			
5/3/99 10:00	1018.38	30.07	0.768	101.91	215.45	538.47	539.18		
5/3/99 10:15	1018.50	30.08	0.769	101.91	215.45	539.53			
5/3/99 10:30	1018.50	30.08	0.769	102.18	215.92	539.96			
5/3/99 10:45	1018.38	30.07	0.778	102.18	215.92	542.37			
5/3/99 11:00	1018.13	30.07	0.782	102.18	215.92	544.43	543.04		
5/3/99 11:15	1018.00	30.06	0.783	102.18	215.92	544.67			
5/3/99 11:30	1017.88	30.06	0.779	102.70	216.86	543.76			
5/3/99 11:45	1017.75	30.05	0.776	103.48	218.27	543.27			
5/3/99 12:00	1017.75	30.05	0.774	103.74	218.74	543.04	543.78		
5/3/99 12:15	1017.50	30.05	0.778	104.01	219.21	544.38			
5/3/99 12:30	1017.25	30.04	0.777	104.27	219.68	544.43			
5/3/99 12:45	1017.13	30.04	0.774	104.53	220.15	543.77			
5/3/99 13:00	1016.88	30.03	0.783	104.53	220.15	546.88	548.08		
5/3/99 13:15	1016.75	30.02	0.785	104.01	219.21	547.20			
5/3/99 13:30	1016.83	30.02	0.788	103.74	218.74	548.13			
5/3/99 13:45	1018.50	30.02	0.790	104.01	219.21	549.01			
5/3/99 14:00	1016.25	30.01	0.445	91.99	197.57	405.48	515.99		
5/3/99 14:15	1016.00	30.00	0.809	73.70	164.65	532.82			
5/3/99 14:30	1015.88	30.00	0.788	98.78	209.80	544.50			
5/3/99 14:45	1015.75	30.00	0.786	102.96	217.33	546.92			
5/3/99 15:00	1015.63	29.99	0.781	104.01	219.21	546.21	545.97		
5/3/99 15:15	1015.38	29.98	0.781	104.53	220.15	546.66			
5/3/99 15:30	1015.25	29.98	0.778	104.79	220.62	545.55			
5/3/99 15:45	1015.00	29.97	0.778	104.79	220.62	545.62			
5/3/99 16:00	1014.88	29.97	0.778	104.79	220.62	545.86	545.89		
5/3/99 16:15	1014.88	29.97	0.775	104.79	220.62	544.77			
5/3/99 16:30	1014.75	29.97	0.784	104.53	220.15	547.67			
5/3/99 16:45	1014.63	29.96	0.788	104.27	219.68	548.84			
5/3/99 17:00	1014.50	29.96	0.788	104.01	219.21	548.88	547.94		
5/3/99 17:15	1014.50	29.96	0.784	104.01	219.21	547.35			
5/3/99 17:30	1014.38	29.95	0.783	104.27	219.68	547.16			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
5/1/99 6:15	1023.50	30.22	0.779	94.60	202.28	536.39			
5/1/99 6:30	1023.50	30.22	0.778	94.60	202.28	535.98			
5/1/99 6:45	1023.75	30.23	0.777	94.60	202.28	535.70			
5/1/99 7:00	1023.88	30.23	0.776	94.60	202.28	535.43	535.50		
5/1/99 7:15	1024.00	30.24	0.775	94.34	201.81	534.79			
5/1/99 7:30	1024.13	30.24	0.778	94.34	201.81	535.62			
5/1/99 7:45	1024.25	30.25	0.784	94.08	201.34	537.77			
5/1/99 8:00	1024.38	30.25	0.788	94.34	201.81	539.19	538.31		
5/1/99 8:15	1024.63	30.26	0.788	94.60	202.28	539.32			
5/1/99 8:30	1024.75	30.26	0.788	95.12	203.22	539.67			
5/1/99 8:45	1024.75	30.26	0.787	95.91	204.63	539.83			
5/1/99 9:00	1024.75	30.26	0.784	96.43	205.57	539.11	539.35		
5/1/99 9:15	1024.63	30.26	0.781	97.21	206.98	538.65			
5/1/99 9:30	1024.63	30.26	0.783	97.47	207.45	539.50			
5/1/99 9:45	1024.50	30.25	0.783	98.26	208.86	540.31			
5/1/99 10:00	1024.50	30.25	0.781	98.52	209.33	539.87	540.47		
5/1/99 10:15	1024.38	30.25	0.781	99.04	210.27	540.29			
5/1/99 10:30	1024.50	30.25	0.788	98.78	209.80	542.41			
5/1/99 10:45	1024.38	30.25	0.793	99.04	210.27	544.35			
5/1/99 11:00	1024.38	30.25	0.796	99.04	210.27	545.41	545.00		
5/1/99 11:15	1024.25	30.25	0.799	99.30	210.74	546.73			
5/1/99 11:30	1024.00	30.24	0.796	99.82	211.68	546.09			
5/1/99 11:45	1023.88	30.23	0.794	100.09	212.15	545.69			
5/1/99 12:00	1023.75	30.23	0.792	100.87	213.57	545.44	545.51		
5/1/99 12:15	1023.50	30.22	0.791	101.13	214.04	545.25			
5/1/99 12:30	1023.38	30.22	0.789	101.39	214.51	545.06			
5/1/99 12:45	1023.38	30.22	0.789	101.91	215.45	545.44			
5/1/99 13:00	1023.25	30.22	0.789	102.18	215.92	545.66	545.87		
5/1/99 13:15	1023.00	30.21	0.789	102.44	216.39	545.92			
5/1/99 13:30	1022.75	30.20	0.794	102.18	215.92	547.28			
5/1/99 13:45	1022.63	30.20	0.797	102.18	215.92	548.41			
5/1/99 14:00	1022.50	30.19	0.801	102.18	215.92	549.72	549.05		
5/1/99 14:15	1022.50	30.19	0.801	102.16	215.92	549.72			
5/1/99 14:30	1022.50	30.19	0.801	102.70	216.86	550.10			
5/1/99 14:45	1022.38	30.19	0.796	102.96	217.33	548.81			
5/1/99 15:00	1022.13	30.18	0.793	103.48	218.27	548.19	548.65		
5/1/99 15:15	1021.88	30.18	0.792	103.74	218.74	548.03			
5/1/99 15:30	1021.63	30.17	0.792	103.74	218.74	548.10			
5/1/99 15:45	1021.38	30.16	0.790	104.01	219.21	547.70			
5/1/99 16:00	1021.25	30.16	0.789	104.01	219.21	547.52	547.73		
5/1/99 16:15	1021.13	30.15	0.788	104.01	219.21	546.90			
5/1/99 16:30	1021.00	30.15	0.792	104.01	219.21	548.46			
5/1/99 16:45	1020.88	30.15	0.798	103.74	218.74	550.24			
5/1/99 17:00	1020.63	30.14	0.801	103.48	218.27	551.39	550.80		
5/1/99 17:15	1020.50	30.14	0.803	103.48	218.27	551.87			
5/1/99 17:30	1020.38	30.13	0.800	103.48	218.27	551.04			
5/1/99 17:45	1020.38	30.13	0.799	103.48	218.27	550.83			
5/1/99 18:00	1020.25	30.13	0.794	103.74	218.74	549.09	549.00		
5/1/99 18:15	1020.13	30.12	0.789	103.74	218.74	547.64			
5/1/99 18:30	1019.88	30.12	0.788	103.74	218.74	546.38			
5/1/99 18:45	1019.75	30.11	0.788	103.48	218.27	546.23			
5/1/99 19:00	1019.63	30.11	0.787	103.48	218.27	546.71	548.47		
5/1/99 19:15	1019.63	30.11	0.787	103.48	218.27	546.71			
5/1/99 19:30	1019.50	30.11	0.788	103.22	217.80	546.31			
5/1/99 19:45	1019.63	30.11	0.790	102.44	216.39	547.03			
5/1/99 20:00	1019.63	30.11	0.795	102.18	215.92	548.57	547.83		
5/1/99 20:15	1019.63	30.11	0.799	101.65	214.98	549.46			
5/1/99 20:30	1019.75	30.11	0.796	100.87	213.57	547.78			
5/1/99 20:45	1019.75	30.11	0.790	100.09	212.15	545.28			
5/1/99 21:00	1019.88	30.12	0.784	100.35	212.62	543.26	544.49		
5/1/99 21:15	1020.00	30.12	0.781	100.87	213.57	542.77			
5/1/99 21:30	1020.13	30.12	0.783	100.87	213.57	543.38			
5/1/99 21:45	1020.25	30.13	0.782	100.87	213.57	542.91			
5/1/99 22:00	1020.38	30.13	0.781	100.87	213.57	542.43	542.56		
5/1/99 22:15	1020.50	30.14	0.777	100.61	213.10	540.92			
5/1/99 22:30	1020.50	30.14	0.785	99.82	211.68	543.16			
5/1/99 22:45	1020.50	30.14	0.789	99.04	210.27	544.11			
5/1/99 23:00	1020.63	30.14	0.790	98.26	208.86	543.71	542.72		
5/1/99 23:15	1020.63	30.14	0.788	97.47	207.45	542.28			
5/1/99 23:30	1020.63	30.14	0.782	97.47	207.45	540.34			
5/1/99 23:45	1020.50	30.14	0.779	97.47	207.45	539.51			
5/2/99 0:00	1020.63	30.14	0.776	97.47	207.45	538.82	539.05		
5/2/99 0:15	1020.63	30.14	0.778	97.47	207.45	538.82			
5/2/99 0:30	1020.63	30.14	0.775	97.21	206.98	537.77			
5/2/99 0:45	1020.63	30.14	0.777	97.21	206.98	538.42			
5/2/99 1:00	1020.63	30.14	0.778	97.21	206.98	538.18	538.79		
5/2/99 1:15	1020.63	30.14	0.780	96.69	206.04	539.12			
5/2/99 1:30	1020.63	30.14	0.785	96.17	205.10	540.46			
5/2/99 1:45	1020.63	30.14	0.786	96.17	205.10	540.87			
5/2/99 2:00	1020.50	30.14	0.787	96.17	205.10	541.15	540.09		
5/2/99 2:15	1020.25	30.13	0.782	96.17	205.10	539.49			
5/2/99 2:30	1020.00	30.12	0.779	95.91	204.63	538.50			
5/2/99 2:45	1020.00	30.12	0.775	96.17	205.10	537.17			
5/2/99 3:00	1020.00	30.12	0.773	95.64	204.16	535.92	536.46		
5/2/99 3:15	1019.75	30.11	0.772	95.64	204.16	535.78			
5/2/99 3:30	1019.75	30.11	0.770	95.38	203.69	534.93			
5/2/99 3:45	1019.75	30.11	0.769	95.38	203.69	534.72			
5/2/99 4:00	1019.88	30.12	0.788	95.12	203.22	534.05	535.53		
5/2/99 4:15	1019.75	30.11	0.777	94.60	202.28	536.75			
5/2/99 4:30	1019.75	30.11	0.779	94.34	201.81	537.18			
5/2/99 4:45	1019.88	30.12	0.781	94.08	201.34	537.85			
5/2/99 5:00	1019.88	30.12	0.781	94.34	201.81	537.80	537.13		
5/2/99 5:15	1020.00	30.12	0.779	94.08	201.34	537.17			
5/2/99 5:30	1020.00	30.12	0.774	94.34	201.81	535.63			
5/2/99 5:45	1020.13	30.12	0.773	94.60	202.28	535.13			
5/2/99 6:00	1020.38	30.13	0.771	94.60	202.28	534.62	534.81		
5/2/99 6:15	1020.50	30.14	0.769	94.60	202.28	533.72			
5/2/99 6:30	1020.50	30.14	0.769	94.60	202.28	533.96			
5/2/99 6:45	1020.50	30.14	0.769	94.60	202.28	533.96			
5/2/99 7:00	1020.75	30.14	0.774	94.60	202.28	535.38	535.88		
5/2/99 7:15	1021.00	30.15	0.781	94.34	201.81	537.75			
5/2/99 7:30	1021.13	30.15	0.784	94.08	201.34	538.35			
5/2/99 7:45	1021.13	30.15	0.782	94.60	202.28	538.11			
5/2/99 8:00	1021.25	30.16	0.783	95.12	203.22	538.67	538.09		
5/2/99 8:15	1021.25	30.16	0.780	95.91	204.63	538.38			
5/2/99 8:30	1021.50	30.16	0.774	96.69	206.04	536.95			
5/2/99 8:45	1021.50	30.16	0.777	97.21	206.98	538.19			
5/2/99 9:00	1021.63	30.17	0.779	97.73	207.92	539.18	538.79		
5/2/99 9:15	1021.63	30.17	0.779	98.26	208.86	539.54			
5/2/99 9:30	1021.63	30.17	0.779	99.04	210.27	540.11			
5/2/99 9:45	1021.63	30.17	0.777	99.56	211.21	539.87			
5/2/99 10:00	1021.63	30.17	0.781	100.09	212.15	541.77	542.53		
5/2/99 10:15	1021.75	30.17	0.791	100.35	212.62	545.35			
5/2/99 10:30	1021.75	30.17	0.791	100.61	213.10	545.54			
5/2/99 10:45	1021.75	30.17	0.796	100.87	213.57	547.45			
5/2/99 11:00	1021.83	30.17	0.795	101.13	214.04	547.26	546.69		
5/2/99 11:15	1021.50	30.16	0.793	101.39	214.51	546.83			
5/2/99 11:30	1021.50	30.16	0.790	102.18	215.92	546.34			
5/2/99 11:45	1021.38	30.16	0.786	102.70	216.86	545.22			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/30/99 0:30	1024.00	30.24	0.784	96.17	205.10	539.12			
4/30/99 0:45	1024.00	30.24	0.788	95.64	204.16	539.39			
4/30/99 1:00	1024.13	30.24	0.791	95.12	203.22	540.69	540.44		
4/30/99 1:15	1024.38	30.25	0.796	94.88	202.75	542.34			
4/30/99 1:30	1024.25	30.25	0.791	94.88	202.75	540.67			
4/30/99 1:45	1024.00	30.24	0.788	94.60	202.28	539.48			
4/30/99 2:00	1024.00	30.24	0.784	94.88	202.75	538.17	538.99		
4/30/99 2:15	1023.88	30.23	0.784	95.12	203.22	538.63			
4/30/99 2:30	1023.88	30.23	0.783	95.12	203.22	537.98			
4/30/99 2:45	1023.75	30.23	0.783	94.60	202.28	537.63			
4/30/99 3:00	1023.88	30.23	0.782	94.88	202.75	537.58	538.16		
4/30/99 3:15	1024.00	30.24	0.784	94.08	201.34	537.83			
4/30/99 3:30	1024.00	30.24	0.791	93.55	200.40	539.78			
4/30/99 3:45	1024.00	30.24	0.793	93.29	199.93	540.03			
4/30/99 4:00	1024.13	30.24	0.794	93.03	199.46	540.21	539.11		
4/30/99 4:15	1024.13	30.24	0.789	93.29	199.93	538.94			
4/30/99 4:30	1024.00	30.24	0.782	93.55	200.40	536.59			
4/30/99 4:45	1024.00	30.24	0.784	94.08	201.34	537.83			
4/30/99 5:00	1024.00	30.24	0.778	94.60	202.28	536.05	536.74		
4/30/99 5:15	1024.00	30.24	0.779	94.08	201.34	536.12			
4/30/99 5:30	1024.00	30.24	0.761	94.88	202.75	537.10			
4/30/99 5:45	1024.13	30.24	0.786	94.60	202.28	536.60			
4/30/99 6:00	1024.13	30.24	0.793	93.81	200.87	540.38	536.90		
4/30/99 6:15	1024.25	30.25	0.791	93.03	199.46	539.33			
4/30/99 6:30	1024.38	30.25	0.791	92.77	198.99	539.10			
4/30/99 6:45	1024.50	30.25	0.788	94.08	201.34	538.97			
4/30/99 7:00	1024.50	30.25	0.782	94.60	202.28	537.23	538.20		
4/30/99 7:15	1024.75	30.26	0.784	94.88	202.75	537.97			
4/30/99 7:30	1024.88	30.26	0.783	94.88	202.75	537.73			
4/30/99 7:45	1025.00	30.27	0.781	94.34	201.81	536.46			
4/30/99 8:00	1025.00	30.27	0.783	94.34	201.81	537.11	538.32		
4/30/99 8:15	1025.13	30.27	0.791	94.34	201.81	539.85			
4/30/99 8:30	1025.25	30.28	0.793	94.34	201.81	540.47			
4/30/99 8:45	1025.50	30.28	0.794	94.60	202.28	541.24			
4/30/99 9:00	1025.50	30.28	0.792	94.88	202.75	540.58	540.42		
4/30/99 9:15	1025.63	30.29	0.791	95.38	203.69	540.69			
4/30/99 9:30	1025.75	30.29	0.788	95.91	204.63	539.12			
4/30/99 9:45	1025.88	30.29	0.788	96.69	206.04	540.52			
4/30/99 10:00	1026.00	30.30	0.786	96.95	206.51	540.03	539.89		
4/30/99 10:15	1026.00	30.30	0.788	97.21	206.98	540.01			
4/30/99 10:30	1026.00	30.30	0.784	97.47	207.45	539.79			
4/30/99 10:45	1026.00	30.30	0.794	97.47	207.45	542.98			
4/30/99 11:00	1026.13	30.30	0.796	97.47	207.45	543.59	543.25		
4/30/99 11:15	1026.13	30.30	0.800	97.73	207.92	545.29			
4/30/99 11:30	1026.13	30.30	0.797	98.28	208.88	544.61			
4/30/99 11:45	1026.13	30.30	0.792	98.78	209.80	543.28			
4/30/99 12:00	1026.00	30.30	0.793	99.04	210.27	543.71	543.79		
4/30/99 12:15	1026.00	30.30	0.791	99.56	211.21	543.65			
4/30/99 12:30	1025.88	30.29	0.791	99.82	211.68	543.87			
4/30/99 12:45	1025.75	30.29	0.789	100.35	212.62	543.87			
4/30/99 13:00	1025.63	30.29	0.793	100.35	212.62	544.97	545.38		
4/30/99 13:15	1025.50	30.28	0.799	100.09	212.15	548.97			
4/30/99 13:30	1025.38	30.28	0.801	100.09	212.15	547.62			
4/30/99 13:45	1025.25	30.28	0.803	100.09	212.15	548.10			
4/30/99 14:00	1025.13	30.27	0.803	100.87	213.57	548.71	547.53		
4/30/99 14:15	1024.88	30.26	0.796	101.13	214.04	546.60			
4/30/99 14:30	1024.75	30.26	0.795	101.39	214.51	546.82			
4/30/99 14:45	1024.63	30.26	0.796	101.91	215.45	547.24			
4/30/99 15:00	1024.63	30.26	0.791	102.18	215.92	545.92	546.74		
4/30/99 15:15	1024.38	30.25	0.794	102.18	215.92	546.84			
4/30/99 15:30	1024.25	30.25	0.794	102.44	218.39	547.07			
4/30/99 15:45	1023.88	30.23	0.797	102.18	215.92	548.08			
4/30/99 16:00	1023.63	30.23	0.802	102.18	215.92	549.88	549.11		
4/30/99 16:15	1023.50	30.22	0.803	101.65	214.98	549.72			
4/30/99 16:30	1023.38	30.22	0.805	101.91	215.45	550.80			
4/30/99 16:45	1023.25	30.22	0.801	102.18	215.92	549.72			
4/30/99 17:00	1023.00	30.21	0.796	102.44	216.39	548.06	548.86		
4/30/99 17:15	1023.00	30.21	0.796	102.44	218.39	548.26			
4/30/99 17:30	1022.75	30.20	0.794	102.44	216.39	547.47			
4/30/99 17:45	1022.63	30.20	0.792	102.70	216.86	547.07			
4/30/99 18:00	1022.63	30.20	0.792	102.70	216.86	547.07	548.97		
4/30/99 18:15	1022.38	30.19	0.789	102.70	218.66	546.03			
4/30/99 18:30	1022.25	30.19	0.793	102.18	215.92	547.21			
4/30/99 18:45	1022.25	30.19	0.800	101.39	214.51	549.01			
4/30/99 19:00	1022.13	30.18	0.801	101.39	214.51	549.25	548.42		
4/30/99 19:15	1022.00	30.18	0.801	101.13	214.04	549.29			
4/30/99 19:30	1022.00	30.18	0.796	101.13	214.04	547.37			
4/30/99 19:45	1022.00	30.18	0.791	101.13	214.04	545.88			
4/30/99 20:00	1022.00	30.18	0.789	101.13	214.04	544.99	545.24		
4/30/99 20:15	1022.13	30.18	0.787	101.13	214.04	544.34			
4/30/99 20:30	1022.25	30.19	0.786	100.87	213.57	543.66			
4/30/99 20:45	1022.50	30.19	0.789	100.61	213.10	544.48			
4/30/99 21:00	1022.63	30.20	0.787	100.35	212.62	543.63	544.59		
4/30/99 21:15	1022.75	30.20	0.792	99.82	211.68	544.94			
4/30/99 21:30	1023.00	30.21	0.797	99.30	210.74	548.21			
4/30/99 21:45	1023.13	30.21	0.797	98.78	209.80	545.79			
4/30/99 22:00	1023.25	30.22	0.794	98.78	209.80	544.66	544.80		
4/30/99 22:15	1023.38	30.22	0.791	98.78	209.80	543.77			
4/30/99 22:30	1023.38	30.22	0.791	98.78	209.80	543.57			
4/30/99 22:45	1023.50	30.22	0.785	98.78	209.80	541.60			
4/30/99 23:00	1023.38	30.22	0.782	98.52	209.33	540.38	541.35		
4/30/99 23:15	1023.50	30.22	0.784	98.00	208.39	540.83			
4/30/99 23:30	1023.50	30.22	0.784	97.73	207.92	540.40			
4/30/99 23:45	1023.50	30.22	0.784	97.47	207.45	540.21			
5/1/99 0:00	1023.50	30.22	0.788	96.69	206.04	541.15	541.12		
5/1/99 0:15	1023.63	30.23	0.791	96.17	205.10	541.79			
5/1/99 0:30	1023.63	30.23	0.792	96.17	205.10	542.03			
5/1/99 0:45	1023.63	30.23	0.788	95.91	204.63	540.54			
5/1/99 1:00	1023.63	30.23	0.784	95.91	204.63	539.27	539.34		
5/1/99 1:15	1023.63	30.23	0.780	95.91	204.63	537.78			
5/1/99 1:30	1023.63	30.23	0.778	95.91	204.63	537.10			
5/1/99 1:45	1023.63	30.23	0.780	96.17	205.10	537.95			
5/1/99 2:00	1023.63	30.23	0.780	95.64	204.16	537.57	537.97		
5/1/99 2:15	1023.38	30.22	0.779	96.17	205.10	537.80			
5/1/99 2:30	1023.25	30.22	0.786	95.12	203.22	539.41			
5/1/99 2:45	1023.13	30.21	0.793	95.12	203.22	541.81			
5/1/99 3:00	1023.25	30.22	0.788	94.60	202.28	539.68	539.50		
5/1/99 3:15	1023.25	30.22	0.784	94.60	202.28	538.41			
5/1/99 3:30	1023.13	30.21	0.783	95.12	203.22	538.18			
5/1/99 3:45	1023.13	30.21	0.777	95.12	203.22	536.25			
5/1/99 4:00	1023.13	30.21	0.779	95.12	203.22	536.87	536.49		
5/1/99 4:15	1023.13	30.21	0.776	95.12	203.22	536.01			
5/1/99 4:30	1023.13	30.21	0.774	95.12	203.22	535.14			
5/1/99 4:45	1023.13	30.21	0.775	95.12	203.22	535.59			
5/1/99 5:00	1023.13	30.21	0.783	94.34	201.81	537.60	537.32		
5/1/99 5:15	1023.00	30.21	0.788	94.08	201.34	538.71			
5/1/99 5:30	1023.13	30.21	0.789	94.08	201.34	539.54			
5/1/99 5:45	1023.25	30.22	0.786	94.08	201.34	538.85			
5/1/99 6:00	1023.38	30.22	0.783	94.34	201.81	537.74	537.66		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/28/99 18:45	1016.38	30.01	0.751	111.58	232.85	540.74			
4/28/99 19:00	1016.38	30.01	0.755	111.32	232.38	541.92	540.70		
4/28/99 19:15	1016.38	30.01	0.754	111.32	232.38	541.71			
4/28/99 19:30	1016.38	30.01	0.749	111.84	233.32	540.02			
4/28/99 19:45	1016.50	30.02	0.748	112.11	233.79	539.74			
4/28/99 20:00	1016.50	30.02	0.748	112.11	233.79	539.96	539.78		
4/28/99 20:15	1016.50	30.02	0.744	112.37	234.26	538.80			
4/28/99 20:30	1016.63	30.02	0.749	112.11	233.79	540.39			
4/28/99 20:45	1016.50	30.02	0.754	111.58	232.85	541.61			
4/28/99 21:00	1016.63	30.02	0.755	111.32	232.38	541.86	540.94		
4/28/99 21:15	1016.75	30.02	0.751	111.32	232.38	540.46			
4/28/99 21:30	1016.75	30.02	0.750	111.84	233.32	540.39			
4/28/99 21:45	1016.88	30.03	0.747	112.11	233.79	539.42			
4/28/99 22:00	1017.00	30.03	0.747	112.11	233.79	539.39	539.51		
4/28/99 22:15	1017.25	30.04	0.745	112.11	233.79	538.64			
4/28/99 22:30	1017.38	30.04	0.748	112.11	233.79	539.72			
4/28/99 22:45	1017.38	30.04	0.756	111.58	232.85	542.27			
4/28/99 23:00	1017.50	30.05	0.757	111.32	232.38	542.30	541.22		
4/28/99 23:15	1017.63	30.05	0.756	111.32	232.38	542.02			
4/28/99 23:30	1017.75	30.05	0.750	111.32	232.38	539.76			
4/28/99 23:45	1017.75	30.05	0.749	111.32	232.38	539.29			
4/29/99 0:00	1017.88	30.06	0.746	111.32	232.38	538.14	538.62		
4/29/99 0:15	1017.88	30.06	0.743	111.06	231.91	537.06			
4/29/99 0:30	1018.00	30.06	0.749	110.80	231.44	538.86			
4/29/99 0:45	1018.13	30.07	0.752	110.54	230.97	539.79			
4/29/99 1:00	1018.13	30.07	0.754	110.28	230.50	540.25	539.62		
4/29/99 1:15	1018.25	30.07	0.756	110.02	230.03	540.72			
4/29/99 1:30	1018.25	30.07	0.749	110.02	230.03	538.49			
4/29/99 1:45	1018.25	30.07	0.747	110.02	230.03	537.60			
4/29/99 2:00	1018.25	30.07	0.743	110.02	230.03	536.01	537.05		
4/29/99 2:15	1018.25	30.07	0.744	110.02	230.03	536.44			
4/29/99 2:30	1018.38	30.07	0.745	109.75	229.56	536.69			
4/29/99 2:45	1018.50	30.08	0.751	109.49	229.09	538.71			
4/29/99 3:00	1018.63	30.08	0.753	109.23	228.62	539.17	538.20		
4/29/99 3:15	1018.75	30.08	0.754	109.23	228.62	539.35			
4/29/99 3:30	1018.88	30.09	0.748	109.23	228.62	537.10			
4/29/99 3:45	1019.00	30.09	0.744	109.49	229.09	536.13			
4/29/99 4:00	1019.13	30.09	0.744	109.49	229.09	535.85	538.12		
4/29/99 4:15	1019.25	30.10	0.743	109.23	228.62	535.41			
4/29/99 4:30	1019.25	30.10	0.745	109.23	228.62	536.10			
4/29/99 4:45	1019.38	30.10	0.747	108.45	227.21	536.20			
4/29/99 5:00	1019.38	30.10	0.751	108.19	226.73	537.34	536.74		
4/29/99 5:15	1019.63	30.11	0.749	108.19	226.73	536.85			
4/29/99 5:30	1019.75	30.11	0.750	108.45	227.21	537.21			
4/29/99 5:45	1019.75	30.11	0.744	108.71	227.68	535.13			
4/29/99 6:00	1019.88	30.12	0.744	108.71	227.68	535.35	535.42		
4/29/99 6:15	1020.13	30.12	0.744	108.71	227.68	535.03			
4/29/99 6:30	1020.13	30.12	0.742	108.71	227.68	534.39			
4/29/99 6:45	1020.38	30.13	0.751	108.45	227.21	537.26			
4/29/99 7:00	1020.63	30.14	0.754	108.45	227.21	538.30	535.76		
4/29/99 7:15	1020.75	30.14	0.752	108.19	226.73	537.44			
4/29/99 7:30	1020.75	30.14	0.738	107.92	226.26	531.40			
4/29/99 7:45	1020.88	30.15	0.000	69.51	157.13	0.00			
4/29/99 8:00	1021.13	30.15	0.000	66.38	151.48	0.00	106.28		
4/29/99 8:15	1021.38	30.16	0.000	49.39	120.91	0.00			
4/29/99 8:30	1021.38	30.16	0.000	46.26	115.27	0.00			
4/29/99 8:45	1021.50	30.16	0.000	41.03	105.68	0.00			
4/29/99 9:00	1019.38	30.10	0.264	34.24	93.63	286.35	118.45		
4/29/99 9:15	1019.75	30.11	0.264	32.15	89.87	295.91			
4/29/99 9:30	1021.63	30.17	0.000	29.01	84.22	0.00			
4/29/99 9:45	1021.75	30.17	1.013	28.75	83.75	554.68			
4/29/99 10:00	1021.75	30.17	0.000	28.75	83.75	0.00	191.72		
4/29/99 10:15	1021.88	30.18	0.526	35.28	95.51	403.92			
4/29/99 10:30	1022.00	30.18	0.000	36.85	98.33	0.00			
4/29/99 10:45	1022.00	30.18	0.000	32.67	90.81	0.00			
4/29/99 11:00	1022.13	30.18	0.000	30.58	87.05	0.00	0.00		
4/29/99 11:15	1022.13	30.18	0.000	29.01	84.22	0.00			
4/29/99 11:30	1022.25	30.19	0.000	27.71	81.87	0.00			
4/29/99 11:45	1022.00	30.18	0.000	26.92	80.46	0.00			
4/29/99 12:00	1022.00	30.18	0.000	26.40	79.52	0.00	0.00		
4/29/99 12:15	1022.00	30.18	0.000	25.88	78.58	0.00			
4/29/99 12:30	1022.00	30.18	0.000	25.09	77.17	0.00			
4/29/99 12:45	1022.00	30.18	0.000	24.83	76.70	0.00			
4/29/99 13:00	1022.00	30.18	0.000	24.57	76.23	0.00	0.00		
4/29/99 13:15	1021.88	30.18	0.000	24.05	75.29	0.00			
4/29/99 13:30	1022.00	30.18	0.000	23.79	74.82	0.00			
4/29/99 13:45	1022.13	30.18	0.000	23.79	74.82	0.00			
4/29/99 14:00	1022.25	30.19	0.000	23.79	74.82	0.00	0.00		
4/29/99 14:15	1022.00	30.18	0.000	23.53	74.35	0.00			
4/29/99 14:30	1021.88	30.18	0.000	23.53	74.35	0.00			
4/29/99 14:45	1021.88	30.18	0.000	23.53	74.35	0.00			
4/29/99 15:00	1021.88	30.18	0.000	23.53	74.35	0.00	0.00		
4/29/99 15:15	1021.75	30.17	0.000	23.53	74.35	0.00			
4/29/99 15:30	1021.63	30.17	0.000	23.27	73.88	0.00			
4/29/99 15:45	1021.63	30.17	0.913	60.11	140.19	553.45			
4/29/99 16:00	1021.38	30.16	0.806	90.94	195.69	543.62	436.28		
4/29/99 16:15	1021.38	30.16	0.805	95.64	204.16	546.71			
4/29/99 16:30	1021.38	30.16	0.804	97.47	207.45	547.62			
4/29/99 16:45	1021.13	30.15	0.798	98.78	209.80	546.53			
4/29/99 17:00	1021.13	30.15	0.795	99.30	210.74	546.06	546.17		
4/29/99 17:15	1021.13	30.15	0.793	100.09	212.15	545.98			
4/29/99 17:30	1021.13	30.15	0.789	100.35	212.62	544.65			
4/29/99 17:45	1021.13	30.15	0.791	100.81	213.10	545.50			
4/29/99 18:00	1021.13	30.15	0.796	100.35	212.62	547.03	546.46		
4/29/99 18:15	1021.13	30.15	0.799	99.56	211.21	547.52			
4/29/99 18:30	1021.13	30.15	0.799	99.30	210.74	547.57			
4/29/99 18:45	1021.25	30.16	0.798	99.04	210.27	546.69			
4/29/99 19:00	1021.25	30.16	0.794	99.30	210.74	545.82	545.62		
4/29/99 19:15	1021.50	30.16	0.789	99.30	210.74	543.79			
4/29/99 19:30	1021.63	30.17	0.790	99.30	210.74	544.21			
4/29/99 19:45	1021.88	30.18	0.786	99.04	210.27	543.09			
4/29/99 20:00	1022.13	30.18	0.786	98.78	209.80	543.04	543.94		
4/29/99 20:15	1022.25	30.19	0.793	98.26	208.86	544.34			
4/29/99 20:30	1022.38	30.19	0.797	97.47	207.45	545.04			
4/29/99 20:45	1022.50	30.19	0.801	97.47	207.45	546.47			
4/29/99 21:00	1022.75	30.20	0.794	97.21	206.98	543.65	543.70		
4/29/99 21:15	1022.88	30.21	0.791	97.21	206.98	542.76			
4/29/99 21:30	1023.00	30.21	0.784	97.47	207.45	540.58			
4/29/99 21:45	1023.13	30.21	0.789	97.47	207.45	542.27			
4/29/99 22:00	1023.25	30.22	0.785	97.21	206.98	540.53	540.92		
4/29/99 22:15	1023.25	30.22	0.784	97.21	206.98	540.32			
4/29/99 22:30	1023.38	30.22	0.786	97.21	206.98	540.91			
4/29/99 22:45	1023.63	30.23	0.794	96.69	206.04	543.27			
4/29/99 23:00	1023.75	30.23	0.797	96.17	205.10	543.71	542.88		
4/29/99 23:15	1023.75	30.23	0.797	95.91	204.63	543.52			
4/29/99 23:30	1023.75	30.23	0.792	96.17	205.10	542.00			
4/29/99 23:45	1023.75	30.23	0.786	96.43	205.57	540.24			
4/30/99 0:00	1023.88	30.23	0.787	96.43	205.57	540.44	540.32		
4/30/99 0:15	1024.00	30.24	0.786	96.17	205.10	539.77			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/27/99 13:00	1014.13	29.95	0.788	106.10	222.97	542.59	541.43		
4/27/99 13:15	1014.13	29.95	0.784	106.82	223.91	542.54			
4/27/99 13:30	1014.00	29.94	0.757	106.88	224.38	540.09			
4/27/99 13:45	1014.00	29.94	0.753	107.40	225.32	538.89			
4/27/99 14:00	1013.75	29.94	0.751	107.40	225.32	538.28	538.68		
4/27/99 14:15	1013.88	29.94	0.750	107.40	225.32	538.03			
4/27/99 14:30	1013.75	29.94	0.751	106.88	224.38	538.12			
4/27/99 14:45	1013.83	29.93	0.755	107.14	224.85	539.70			
4/27/99 15:00	1013.50	29.93	0.783	107.40	225.32	542.59	540.35		
4/27/99 15:15	1013.38	29.92	0.759	107.88	225.79	541.48			
4/27/99 15:30	1013.25	29.92	0.753	108.19	226.73	539.88			
4/27/99 15:45	1013.38	29.92	0.752	108.19	228.73	539.40			
4/27/99 16:00	1013.38	29.92	0.753	108.19	228.73	539.81	539.23		
4/27/99 16:15	1013.25	29.92	0.749	107.92	228.26	538.35			
4/27/99 16:30	1013.13	29.92	0.753	107.14	224.85	538.94			
4/27/99 16:45	1013.13	29.92	0.758	106.88	224.38	540.54			
4/27/99 17:00	1013.13	29.92	0.759	106.62	223.91	540.78	539.61		
4/27/99 17:15	1013.13	29.92	0.756	106.62	223.91	539.88			
4/27/99 17:30	1013.00	29.91	0.751	106.88	224.38	538.11			
4/27/99 17:45	1012.88	29.91	0.749	106.82	223.91	537.27			
4/27/99 18:00	1012.88	29.91	0.749	106.62	223.91	537.52	537.88		
4/27/99 18:15	1012.75	29.91	0.749	106.82	223.91	537.56			
4/27/99 18:30	1012.63	29.90	0.751	106.10	222.97	537.86			
4/27/99 18:45	1012.50	29.90	0.754	105.83	222.50	538.81			
4/27/99 19:00	1012.38	29.90	0.755	105.83	222.50	539.10	538.12		
4/27/99 19:15	1012.38	29.90	0.752	105.83	222.50	538.00			
4/27/99 19:30	1012.25	29.89	0.748	106.36	223.44	537.04			
4/27/99 19:45	1012.25	29.89	0.749	106.36	223.44	537.25			
4/27/99 20:00	1012.38	29.90	0.749	106.10	222.97	537.04	537.12		
4/27/99 20:15	1012.50	29.90	0.748	106.36	223.44	536.76			
4/27/99 20:30	1012.50	29.90	0.751	105.83	222.50	537.50			
4/27/99 20:45	1012.50	29.90	0.756	105.83	222.50	539.29			
4/27/99 21:00	1012.50	29.90	0.753	105.83	222.50	538.18	537.79		
4/27/99 21:15	1012.50	29.90	0.749	106.10	222.97	537.25			
4/27/99 21:30	1012.50	29.90	0.747	106.62	223.91	536.73			
4/27/99 21:45	1012.38	29.90	0.749	106.88	224.36	537.59			
4/27/99 22:00	1012.38	29.90	0.749	106.88	224.38	537.59	537.81		
4/27/99 22:15	1012.50	29.90	0.748	107.14	224.85	537.53			
4/27/99 22:30	1012.50	29.90	0.754	106.88	224.38	539.60			
4/27/99 22:45	1012.50	29.90	0.756	106.88	224.38	540.24			
4/27/99 23:00	1012.63	29.90	0.757	106.62	223.91	540.27	539.48		
4/27/99 23:15	1012.50	29.90	0.754	106.88	224.38	539.60			
4/27/99 23:30	1012.63	29.90	0.748	107.40	225.32	537.88			
4/27/99 23:45	1012.88	29.91	0.749	107.14	224.85	537.64			
4/28/99 0:00	1013.00	29.91	0.747	106.88	224.38	536.78	537.73		
4/28/99 0:15	1013.25	29.92	0.749	106.88	224.38	537.61			
4/28/99 0:30	1013.38	29.92	0.754	106.62	223.91	538.93			
4/28/99 0:45	1013.75	29.94	0.754	106.10	222.97	538.46			
4/28/99 1:00	1014.00	29.94	0.756	105.57	222.03	538.91	537.76		
4/28/99 1:15	1013.63	29.93	0.751	105.57	222.03	537.23			
4/28/99 1:30	1013.50	29.93	0.746	105.57	222.03	535.28			
4/28/99 1:45	1013.50	29.93	0.746	105.57	222.03	535.28			
4/28/99 2:00	1013.25	29.92	0.743	105.57	222.03	534.42	534.69		
4/28/99 2:15	1013.50	29.93	0.741	105.57	222.03	533.46			
4/28/99 2:30	1013.38	29.92	0.745	105.57	222.03	535.07			
4/28/99 2:45	1013.38	29.92	0.752	105.05	221.09	537.17			
4/28/99 3:00	1013.25	29.92	0.752	104.79	220.82	537.02	536.01		
4/28/99 3:15	1013.25	29.92	0.751	104.79	220.82	536.56			
4/28/99 3:30	1013.38	29.92	0.743	105.31	221.56	534.21			
4/28/99 3:45	1013.63	29.93	0.744	105.31	221.56	534.81			
4/28/99 4:00	1013.50	29.93	0.746	105.31	221.56	535.07	534.85		
4/28/99 4:15	1013.38	29.92	0.743	105.57	222.03	534.39			
4/28/99 4:30	1013.38	29.92	0.748	105.57	222.03	535.97			
4/28/99 4:45	1013.50	29.93	0.749	105.57	222.03	536.62			
4/28/99 5:00	1013.50	29.93	0.753	105.31	221.56	537.76	537.00		
4/28/99 5:15	1013.75	29.94	0.753	105.31	221.56	537.69			
4/28/99 5:30	1013.88	29.94	0.751	105.57	222.03	536.95			
4/28/99 5:45	1013.75	29.94	0.745	105.57	222.03	534.97			
4/28/99 6:00	1014.00	29.94	0.744	105.83	222.50	534.68	535.21		
4/28/99 6:15	1014.00	29.94	0.745	105.83	222.50	535.09			
4/28/99 6:30	1014.13	29.95	0.743	105.83	222.50	534.16			
4/28/99 6:45	1014.38	29.95	0.748	105.83	222.50	536.11			
4/28/99 7:00	1014.50	29.96	0.753	106.10	222.97	538.05	536.66		
4/28/99 7:15	1014.75	29.97	0.753	106.36	223.44	538.17			
4/28/99 7:30	1014.88	29.97	0.750	106.10	222.97	536.64			
4/28/99 7:45	1015.13	29.98	0.751	106.10	222.97	536.99			
4/28/99 8:00	1015.00	29.97	0.744	105.83	222.50	534.61	536.18		
4/28/99 8:15	1015.00	29.97	0.745	106.62	223.91	535.38			
4/28/99 8:30	1015.00	29.97	0.780	105.57	222.03	547.06			
4/28/99 8:45	1015.13	29.98	0.743	106.88	224.36	534.63			
4/28/99 9:00	1015.13	29.98	0.744	107.40	225.32	535.43	536.19		
4/28/99 9:15	1015.25	29.98	0.748	107.14	224.85	536.58			
4/28/99 9:30	1015.38	29.98	0.749	107.14	224.85	537.23			
4/28/99 9:45	1015.25	29.98	0.743	107.40	225.32	535.18			
4/28/99 10:00	1015.38	29.98	0.739	107.66	225.79	534.00	534.90		
4/28/99 10:15	1015.63	29.99	0.739	108.19	226.73	534.05			
4/28/99 10:30	1015.63	29.99	0.739	108.19	226.73	534.05			
4/28/99 10:45	1015.63	29.99	0.744	108.19	226.73	536.10			
4/28/99 11:00	1015.38	29.98	0.751	107.92	226.26	538.21	536.91		
4/28/99 11:15	1015.38	29.98	0.751	107.92	226.26	538.43			
4/28/99 11:30	1015.25	29.98	0.749	108.19	226.73	537.75			
4/28/99 11:45	1015.13	29.98	0.745	108.45	227.21	536.64			
4/28/99 12:00	1015.38	29.98	0.747	108.71	227.88	537.44	536.92		
4/28/99 12:15	1015.50	29.99	0.743	109.23	228.62	536.40			
4/28/99 12:30	1015.63	29.99	0.743	109.23	228.62	536.37			
4/28/99 12:45	1015.63	29.99	0.749	108.71	227.88	538.02			
4/28/99 13:00	1015.75	30.00	0.753	108.71	227.88	539.35	538.82		
4/28/99 13:15	1015.88	30.00	0.753	109.23	228.62	539.68			
4/28/99 13:30	1015.75	30.00	0.752	109.49	229.09	539.69			
4/28/99 13:45	1015.75	30.00	0.746	109.75	229.56	537.60			
4/28/99 14:00	1015.75	30.00	0.746	110.02	230.03	538.00	540.55		
4/28/99 14:15	1015.75	30.00	0.789	108.19	226.73	551.79			
4/28/99 14:30	1015.75	30.00	0.739	110.54	230.97	535.66			
4/28/99 14:45	1015.63	29.99	0.743	111.06	231.91	537.65			
4/28/99 15:00	1015.75	30.00	0.749	111.06	231.91	539.89	538.80		
4/28/99 15:15	1015.63	29.99	0.753	110.80	231.44	540.86			
4/28/99 15:30	1015.63	29.99	0.750	110.80	231.44	539.96			
4/28/99 15:45	1015.75	30.00	0.745	111.32	232.38	538.49			
4/28/99 16:00	1015.75	30.00	0.743	111.32	232.38	537.80	538.54		
4/28/99 16:15	1015.75	30.00	0.746	111.32	232.38	538.70			
4/28/99 18:30	1015.88	30.00	0.743	111.32	232.38	537.77			
4/28/99 18:45	1015.88	30.00	0.751	111.08	231.91	540.51			
4/28/99 17:00	1016.00	30.00	0.754	111.08	231.91	541.62	540.22		
4/28/99 17:15	1016.00	30.00	0.753	110.80	231.44	540.78			
4/28/99 17:30	1015.88	30.00	0.751	111.32	232.38	540.47			
4/28/99 17:45	1016.13	30.01	0.744	111.84	233.32	538.54			
4/28/99 18:00	1016.38	30.01	0.746	111.84	233.32	539.12	539.26		
4/28/99 18:15	1016.38	30.01	0.746	112.11	233.79	539.09			
4/28/99 18:30	1016.38	30.01	0.746	112.11	233.79	539.09			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/26/99 7:15	1016.83	30.02	0.788	99.30	210.74	544.89			
4/26/99 7:30	1016.83	30.02	0.789	100.35	212.62	545.86			
4/26/99 7:45	1016.50	30.02	0.789	100.35	212.62	546.13			
4/26/99 8:00	1016.36	30.01	0.796	100.35	212.62	546.31	547.64		
4/26/99 8:15	1016.25	30.01	0.796	100.09	212.15	546.36			
4/26/99 8:30	1016.25	30.01	0.803	100.09	212.15	550.52			
4/26/99 8:45	1016.13	30.01	0.833	99.56	211.21	560.36			
4/26/99 9:00	1015.88	30.00	0.791	100.87	213.56	547.31	550.01		
4/26/99 9:15	1015.75	30.00	0.782	102.96	217.33	545.63			
4/26/99 9:30	1015.75	30.00	0.783	103.48	218.27	546.22			
4/26/99 9:45	1015.88	30.00	0.784	103.22	217.80	546.42			
4/26/99 10:00	1015.88	30.00	0.793	102.96	217.33	549.28	548.29		
4/26/99 10:15	1016.00	30.00	0.793	103.22	217.80	549.44			
4/26/99 10:30	1015.88	30.00	0.793	103.74	218.74	550.06			
4/26/99 10:45	1015.75	30.00	0.788	104.27	219.68	548.53			
4/26/99 11:00	1015.63	29.99	0.788	104.53	220.15	548.76	549.43		
4/26/99 11:15	1015.63	29.99	0.786	104.79	220.62	548.49			
4/26/99 11:30	1015.75	30.00	0.794	104.79	220.62	551.31			
4/26/99 11:45	1015.63	29.99	0.799	104.79	220.62	552.84			
4/26/99 12:00	1015.63	29.99	0.798	104.79	220.62	552.63	551.64		
4/26/99 12:15	1015.38	29.98	0.793	105.31	221.56	551.13			
4/26/99 12:30	1015.25	29.98	0.789	105.57	222.03	550.28			
4/26/99 12:45	1015.00	29.97	0.793	105.57	222.03	551.63			
4/26/99 13:00	1014.75	29.97	0.806	105.83	222.50	556.22	554.93		
4/26/99 13:15	1014.63	29.96	0.833	103.74	218.74	564.11			
4/26/99 13:30	1014.50	29.96	0.794	105.83	222.50	552.41			
4/26/99 13:45	1014.25	29.95	0.773	106.62	223.91	545.59			
4/26/99 14:00	1014.13	29.95	0.753	106.88	224.38	538.70	542.55		
4/26/99 14:15	1013.88	29.94	0.749	107.14	224.85	537.63			
4/26/99 14:30	1013.75	29.94	0.750	107.92	226.26	538.43			
4/26/99 14:45	1013.63	29.93	0.756	107.92	226.26	540.47			
4/26/99 15:00	1013.50	29.93	0.758	107.92	226.26	541.40	541.09		
4/26/99 15:15	1013.38	29.92	0.764	107.40	225.32	543.30			
4/26/99 15:30	1013.25	29.92	0.759	108.19	226.73	541.86			
4/26/99 15:45	1012.88	29.91	0.754	108.19	226.73	540.43			
4/26/99 16:00	1012.63	29.90	0.755	108.97	228.15	541.26	541.10		
4/26/99 16:15	1012.25	29.89	0.753	108.45	227.20	540.10			
4/26/99 16:30	1012.25	29.89	0.757	108.71	227.67	541.88			
4/26/99 16:45	1012.13	29.89	0.762	107.66	225.79	542.93			
4/26/99 17:00	1012.13	29.89	0.763	107.40	225.32	543.17	542.13		
4/26/99 17:15	1012.25	29.89	0.759	107.40	225.32	541.82			
4/26/99 17:30	1012.13	29.89	0.755	108.19	226.73	540.84			
4/26/99 17:45	1012.13	29.89	0.751	108.71	227.67	539.63			
4/26/99 18:00	1012.13	29.89	0.753	108.97	228.15	540.71	540.84		
4/26/99 18:15	1012.00	29.88	0.753	108.19	226.73	540.19			
4/26/99 18:30	1012.13	29.89	0.760	108.45	227.20	542.81			
4/26/99 18:45	1012.13	29.89	0.761	107.92	226.26	542.87			
4/26/99 19:00	1012.13	29.89	0.759	107.40	225.32	541.88	541.34		
4/26/99 19:15	1012.13	29.89	0.754	107.66	225.79	540.00			
4/26/99 19:30	1012.13	29.89	0.752	107.40	225.32	539.17			
4/26/99 19:45	1012.13	29.89	0.752	107.40	225.32	539.17			
4/26/99 20:00	1012.25	29.89	0.753	106.88	224.38	539.20	539.37		
4/26/99 20:15	1012.13	29.89	0.758	105.83	222.50	540.28			
4/26/99 20:30	1012.25	29.89	0.756	105.05	221.09	539.01			
4/26/99 20:45	1012.38	29.90	0.754	104.79	220.62	538.15			
4/26/99 21:00	1012.38	29.90	0.749	104.79	220.62	538.36	538.59		
4/26/99 21:15	1012.38	29.90	0.745	104.53	220.15	534.60			
4/26/99 21:30	1012.25	29.89	0.746	104.53	220.15	534.85			
4/26/99 21:45	1012.25	29.89	0.746	104.27	219.68	534.88			
4/26/99 22:00	1012.50	29.90	0.755	103.74	218.74	537.58	536.30		
4/26/99 22:15	1012.50	29.90	0.754	103.48	218.27	537.18			
4/26/99 22:30	1012.50	29.90	0.754	103.22	217.80	537.00			
4/26/99 22:45	1012.63	29.90	0.751	103.74	218.74	535.98			
4/26/99 23:00	1013.00	29.91	0.748	103.74	218.74	534.77	535.30		
4/26/99 23:15	1013.25	29.92	0.745	103.74	218.74	533.81			
4/26/99 23:30	1013.25	29.92	0.749	103.48	218.27	534.95			
4/26/99 23:45	1013.38	29.92	0.753	102.96	217.33	536.12			
4/27/99 0:00	1013.50	29.93	0.753	102.96	217.33	536.08	535.68		
4/27/99 0:15	1013.75	29.94	0.753	102.96	217.33	536.02			
4/27/99 0:30	1013.75	29.94	0.749	103.74	218.74	535.26			
4/27/99 0:45	1013.75	29.94	0.748	104.00	219.21	534.76			
4/27/99 1:00	1014.00	29.94	0.747	104.00	219.21	534.48	535.18		
4/27/99 1:15	1014.13	29.95	0.751	104.00	219.21	535.98			
4/27/99 1:30	1014.00	29.94	0.750	103.74	218.74	535.40			
4/27/99 1:45	1014.00	29.94	0.757	103.74	218.74	537.86			
4/27/99 2:00	1014.00	29.94	0.757	103.74	218.74	537.86	536.55		
4/27/99 2:15	1013.88	29.94	0.751	104.27	219.68	536.24			
4/27/99 2:30	1013.63	29.93	0.748	104.53	220.15	535.38			
4/27/99 2:45	1013.50	29.93	0.749	104.79	220.62	536.06			
4/27/99 3:00	1013.25	29.92	0.747	104.79	220.62	535.23	536.50		
4/27/99 3:15	1013.00	29.91	0.753	104.53	220.15	537.33			
4/27/99 3:30	1012.88	29.91	0.756	104.53	220.15	538.47			
4/27/99 3:45	1012.88	29.91	0.756	104.53	220.15	538.26			
4/27/99 4:00	1013.00	29.91	0.752	104.53	220.15	536.90	537.30		
4/27/99 4:15	1012.88	29.91	0.749	104.79	220.62	536.23			
4/27/99 4:30	1013.00	29.91	0.751	104.79	220.62	536.62			
4/27/99 4:45	1013.00	29.91	0.748	105.05	221.09	535.91			
4/27/99 5:00	1013.25	29.92	0.753	104.79	220.62	537.45	537.41		
4/27/99 5:15	1013.38	29.92	0.755	104.79	220.62	538.09			
4/27/99 5:30	1013.38	29.92	0.758	104.79	220.62	538.99			
4/27/99 5:45	1013.38	29.92	0.753	104.79	220.62	537.20			
4/27/99 6:00	1013.50	29.93	0.749	105.31	221.56	536.18	536.49		
4/27/99 6:15	1013.63	29.93	0.747	105.31	221.56	535.50			
4/27/99 6:30	1013.75	29.94	0.744	105.31	221.56	534.57			
4/27/99 6:45	1013.88	29.94	0.752	105.31	221.56	537.23			
4/27/99 7:00	1013.75	29.94	0.757	104.79	220.62	538.67	538.15		
4/27/99 7:15	1013.88	29.94	0.761	104.79	220.62	540.17			
4/27/99 7:30	1014.13	29.95	0.761	104.79	220.62	540.10			
4/27/99 7:45	1014.38	29.95	0.756	104.79	220.62	538.26			
4/27/99 8:00	1014.38	29.95	0.754	105.05	221.09	537.55	538.29		
4/27/99 8:15	1014.25	29.95	0.754	105.31	221.56	537.77			
4/27/99 8:30	1014.25	29.95	0.754	105.31	221.56	537.77			
4/27/99 8:45	1014.50	29.96	0.761	104.79	220.62	540.00			
4/27/99 9:00	1014.50	29.96	0.765	104.79	220.62	541.35	540.06		
4/27/99 9:15	1014.50	29.96	0.764	104.79	220.62	540.89			
4/27/99 9:30	1014.38	29.95	0.762	104.79	220.62	540.28			
4/27/99 9:45	1014.50	29.96	0.757	105.57	222.03	539.03			
4/27/99 10:00	1014.50	29.96	0.756	105.57	222.03	539.24	539.20		
4/27/99 10:15	1014.50	29.96	0.755	105.83	222.50	538.54			
4/27/99 10:30	1014.75	29.97	0.756	105.83	222.50	538.90			
4/27/99 10:45	1014.75	29.97	0.763	105.57	222.03	541.17			
4/27/99 11:00	1014.75	29.97	0.764	105.57	222.03	541.63	540.76		
4/27/99 11:15	1014.75	29.97	0.764	105.57	222.03	541.38			
4/27/99 11:30	1014.63	29.96	0.761	105.83	222.50	540.71			
4/27/99 11:45	1014.63	29.96	0.754	106.10	222.97	538.48			
4/27/99 12:00	1014.75	29.97	0.754	106.36	223.44	538.63	539.64		
4/27/99 12:15	1014.63	29.96	0.757	106.88	224.38	539.93			
4/27/99 12:30	1014.38	29.95	0.759	106.82	223.91	540.45			
4/27/99 12:45	1014.25	29.95	0.763	106.10	222.97	541.46			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/25/99 1:30	1026.13	30.30	0.766	98.76	209.80	535.06			
4/25/99 1:45	1026.00	30.30	0.773	98.00	208.39	536.05			
4/25/99 2:00	1026.00	30.30	0.779	97.47	207.45	538.06	535.90		
4/25/99 2:15	1026.00	30.30	0.774	97.47	207.45	536.34			
4/25/99 2:30	1025.88	30.29	0.768	97.21	206.98	533.99			
4/25/99 2:45	1025.75	30.29	0.766	96.95	206.51	533.18			
4/25/99 3:00	1025.75	30.29	0.764	96.95	206.51	532.55	533.16		
4/25/99 3:15	1025.75	30.29	0.764	96.43	205.57	532.17			
4/25/99 3:30	1025.88	30.29	0.770	96.17	205.10	533.90			
4/25/99 3:45	1025.75	30.29	0.772	96.17	205.10	534.59			
4/25/99 4:00	1025.63	30.29	0.771	95.90	204.63	534.19	533.48		
4/25/99 4:15	1025.63	30.29	0.766	96.43	205.57	532.83			
4/25/99 4:30	1025.75	30.29	0.763	96.95	206.51	531.89			
4/25/99 4:45	1025.75	30.29	0.762	96.69	206.04	531.49			
4/25/99 5:00	1025.75	30.29	0.767	96.43	205.57	533.04	533.20		
4/25/99 5:15	1025.63	30.29	0.770	96.95	206.51	534.53			
4/25/99 5:30	1025.50	30.28	0.772	96.69	206.04	535.03			
4/25/99 5:45	1025.50	30.28	0.769	96.69	206.04	533.92			
4/25/99 6:00	1025.50	30.28	0.763	96.69	206.04	531.97	533.03		
4/25/99 6:15	1025.63	30.29	0.763	96.69	206.04	531.94			
4/25/99 6:30	1025.75	30.29	0.763	97.21	206.98	532.29			
4/25/99 6:45	1025.75	30.29	0.764	96.95	206.51	532.55			
4/25/99 7:00	1025.88	30.29	0.774	97.21	206.98	535.94	534.12		
4/25/99 7:15	1026.00	30.30	0.774	96.95	206.51	535.72			
4/25/99 7:30	1025.75	30.29	0.769	96.69	206.04	534.10			
4/25/99 7:45	1025.88	30.29	0.764	97.21	206.98	532.46			
4/25/99 8:00	1026.00	30.30	0.761	97.73	207.92	531.93	533.21		
4/25/99 8:15	1026.13	30.30	0.764	98.26	208.86	533.15			
4/25/99 8:30	1026.25	30.31	0.767	98.52	209.33	534.42			
4/25/99 8:45	1026.38	30.31	0.772	98.52	209.33	536.13			
4/25/99 9:00	1026.25	30.31	0.774	98.78	209.80	537.21	535.72		
4/25/99 9:15	1026.13	30.30	0.770	99.30	210.74	536.09			
4/25/99 9:30	1025.88	30.29	0.764	100.09	212.15	534.77			
4/25/99 9:45	1025.88	30.29	0.767	100.61	213.09	536.02			
4/25/99 10:00	1025.63	30.29	0.766	100.87	213.56	535.81	536.67		
4/25/99 10:15	1025.63	30.29	0.772	100.61	213.09	537.83			
4/25/99 10:30	1025.63	30.29	0.776	100.09	212.15	538.95			
4/25/99 10:45	1025.50	30.28	0.776	100.09	212.15	538.98			
4/25/99 11:00	1025.38	30.28	0.774	100.61	213.09	538.52	538.12		
4/25/99 11:15	1025.25	30.28	0.770	101.39	214.51	537.83			
4/25/99 11:30	1025.00	30.27	0.765	101.65	214.98	536.33			
4/25/99 11:45	1025.00	30.27	0.767	102.18	215.92	537.37			
4/25/99 12:00	1024.88	30.26	0.772	102.18	215.92	539.15	538.82		
4/25/99 12:15	1024.75	30.26	0.775	102.18	215.92	540.26			
4/25/99 12:30	1024.50	30.25	0.777	102.18	215.92	540.99			
4/25/99 12:45	1024.13	30.24	0.773	102.70	216.88	539.93			
4/25/99 13:00	1024.00	30.24	0.771	103.48	218.27	539.86	539.89		
4/25/99 13:15	1023.88	30.23	0.768	103.74	218.74	539.21			
4/25/99 13:30	1023.63	30.23	0.768	104.00	219.21	539.46			
4/25/99 13:45	1023.25	30.22	0.775	103.74	218.74	541.79			
4/25/99 14:00	1022.88	30.21	0.778	103.74	218.74	542.76	541.99		
4/25/99 14:15	1022.75	30.20	0.778	104.00	219.21	543.19			
4/25/99 14:30	1022.63	30.20	0.776	104.27	219.68	542.75			
4/25/99 14:45	1022.50	30.19	0.771	104.79	220.62	541.41			
4/25/99 15:00	1022.38	30.19	0.768	104.79	220.62	540.35	541.46		
4/25/99 15:15	1022.13	30.18	0.769	105.05	221.09	541.06			
4/25/99 15:30	1021.88	30.18	0.771	105.31	221.56	541.73			
4/25/99 15:45	1021.75	30.17	0.778	104.79	220.62	544.02			
4/25/99 16:00	1021.50	30.16	0.777	104.79	220.62	543.67	543.41		
4/25/99 16:15	1021.25	30.16	0.779	104.79	220.62	544.36			
4/25/99 16:30	1021.13	30.15	0.774	105.31	221.56	543.27			
4/25/99 16:45	1020.63	30.14	0.769	105.57	222.03	541.83			
4/25/99 17:00	1020.38	30.13	0.767	105.83	222.50	541.20	541.74		
4/25/99 17:15	1020.38	30.13	0.766	105.83	222.50	540.74			
4/25/99 17:30	1020.25	30.13	0.768	105.83	222.50	541.66			
4/25/99 17:45	1020.13	30.12	0.776	105.57	222.03	544.14			
4/25/99 18:00	1019.88	30.12	0.779	105.57	222.03	545.54	543.06		
4/25/99 18:15	1019.75	30.11	0.773	105.31	221.56	542.97			
4/25/99 18:30	1019.75	30.11	0.767	105.31	221.56	540.99			
4/25/99 18:45	1019.75	30.11	0.765	105.31	221.56	540.32			
4/25/99 19:00	1019.63	30.11	0.763	104.79	220.62	539.10	540.37		
4/25/99 19:15	1019.50	30.11	0.764	104.79	220.62	539.81			
4/25/99 19:30	1019.38	30.10	0.771	104.27	219.68	541.65			
4/25/99 19:45	1019.25	30.10	0.770	103.74	218.74	541.10			
4/25/99 20:00	1019.25	30.10	0.771	102.96	217.33	540.95	539.83		
4/25/99 20:15	1019.25	30.10	0.766	102.70	216.88	539.01			
4/25/99 20:30	1019.13	30.09	0.759	102.44	216.39	536.48			
4/25/99 20:45	1019.00	30.09	0.759	102.18	215.92	536.31			
4/25/99 21:00	1019.00	30.09	0.759	101.65	214.98	535.69	536.69		
4/25/99 21:15	1019.00	30.09	0.764	101.13	214.04	537.07			
4/25/99 21:30	1019.25	30.10	0.767	100.87	213.56	537.94			
4/25/99 21:45	1019.25	30.10	0.767	100.61	213.09	537.78			
4/25/99 22:00	1019.13	30.09	0.764	100.61	213.09	536.91	536.65		
4/25/99 22:15	1019.13	30.09	0.759	101.13	214.04	535.53			
4/25/99 22:30	1019.00	30.09	0.756	101.13	214.04	535.10			
4/25/99 22:45	1018.86	30.09	0.756	101.13	214.04	535.13			
4/25/99 23:00	1018.75	30.08	0.759	100.61	213.09	535.25	540.56		
4/25/99 23:15	1018.63	30.08	0.796	100.09	212.15	547.51			
4/25/99 23:30	1018.50	30.08	0.803	100.09	212.15	549.91			
4/25/99 23:45	1018.38	30.07	0.803	99.82	211.68	549.76			
4/26/99 0:00	1018.38	30.07	0.798	100.09	212.15	548.44	548.40		
4/26/99 0:15	1018.25	30.07	0.793	100.35	212.62	548.74			
4/26/99 0:30	1018.13	30.07	0.793	100.61	213.09	547.17			
4/26/99 0:45	1018.13	30.07	0.794	100.35	212.62	547.42			
4/26/99 1:00	1018.00	30.06	0.798	99.82	211.68	548.35	548.25		
4/26/99 1:15	1017.88	30.06	0.801	99.56	211.21	549.25			
4/26/99 1:30	1017.75	30.05	0.800	99.82	211.68	549.07			
4/26/99 1:45	1017.63	30.05	0.798	100.61	213.09	549.02			
4/26/99 2:00	1017.50	30.05	0.794	100.35	212.62	547.35	547.57		
4/26/99 2:15	1017.25	30.04	0.792	100.09	212.15	548.61			
4/26/99 2:30	1017.00	30.03	0.789	100.09	212.15	545.61			
4/26/99 2:45	1016.75	30.02	0.793	99.56	211.21	546.77			
4/26/99 3:00	1016.75	30.02	0.799	99.30	210.74	548.75	547.06		
4/26/99 3:15	1016.75	30.02	0.798	99.04	210.27	547.90			
4/26/99 3:30	1016.75	30.02	0.793	99.04	210.27	546.16			
4/26/99 3:45	1016.75	30.02	0.791	99.30	210.74	545.92			
4/26/99 4:00	1016.75	30.02	0.788	99.30	210.74	544.65	545.36		
4/26/99 4:15	1016.75	30.02	0.786	99.30	210.74	544.20			
4/26/99 4:30	1016.75	30.02	0.791	99.04	210.27	545.73			
4/26/99 4:45	1016.83	30.02	0.796	98.78	209.80	547.74			
4/26/99 5:00	1016.63	30.02	0.800	99.30	210.74	548.99	547.18		
4/26/99 5:15	1016.63	30.02	0.794	99.56	211.21	547.25			
4/26/99 5:30	1016.50	30.02	0.791	99.82	211.68	546.17			
4/26/99 5:45	1016.50	30.02	0.788	99.30	210.74	544.92			
4/26/99 6:00	1016.38	30.01	0.789	99.30	210.74	545.16	546.24		
4/26/99 6:15	1016.38	30.01	0.794	99.04	210.27	546.70			
4/26/99 6:30	1016.25	30.01	0.798	99.04	210.27	548.24			
4/26/99 6:45	1016.38	30.01	0.796	98.78	209.80	547.16			
4/26/99 7:00	1016.50	30.02	0.792	99.04	210.27	546.04	546.44		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/23/99 19:45	1021.50	30.16	0.778	98.00	208.39	538.97			
4/23/99 20:00	1021.75	30.17	0.773	98.26	208.86	537.36	537.98		
4/23/99 20:15	1022.00	30.18	0.771	98.26	208.86	536.63			
4/23/99 20:30	1022.13	30.18	0.771	98.26	208.86	536.81			
4/23/99 20:45	1022.25	30.19	0.770	98.26	208.86	536.36			
4/23/99 21:00	1022.50	30.19	0.776	97.21	206.98	537.69	537.80		
4/23/99 21:15	1022.88	30.21	0.782	96.95	206.51	539.37			
4/23/99 21:30	1023.25	30.22	0.779	97.47	207.45	538.79			
4/23/99 21:45	1023.63	30.23	0.775	97.47	207.45	537.17			
4/23/99 22:00	1023.88	30.23	0.772	98.00	208.39	536.40	537.13		
4/23/99 22:15	1023.88	30.23	0.771	98.52	209.33	536.54			
4/23/99 22:30	1024.00	30.24	0.772	98.52	209.33	536.75			
4/23/99 22:45	1024.13	30.24	0.777	98.26	208.86	538.26			
4/23/99 23:00	1024.13	30.24	0.780	97.73	207.92	538.95	538.07		
4/23/99 23:15	1024.50	30.25	0.781	97.73	207.92	539.06			
4/23/99 23:30	1024.63	30.26	0.776	97.47	207.45	537.32			
4/23/99 23:45	1024.75	30.26	0.773	97.73	207.92	538.19			
4/24/99 0:00	1024.75	30.26	0.774	98.00	208.39	538.60	538.93		
4/24/99 0:15	1025.13	30.27	0.772	97.73	207.92	535.89			
4/24/99 0:30	1025.38	30.28	0.780	97.47	207.45	538.44			
4/24/99 0:45	1025.25	30.28	0.786	97.21	206.98	540.21			
4/24/99 1:00	1025.25	30.28	0.783	96.95	206.51	538.95	538.30		
4/24/99 1:15	1025.25	30.28	0.779	97.21	206.98	538.07			
4/24/99 1:30	1025.63	30.29	0.774	96.95	206.51	535.81			
4/24/99 1:45	1026.00	30.30	0.771	97.47	207.45	535.23			
4/24/99 2:00	1025.88	30.29	0.774	97.47	207.45	536.13	536.32		
4/24/99 2:15	1025.88	30.29	0.776	96.95	206.51	536.41			
4/24/99 2:30	1026.13	30.30	0.780	97.21	206.98	538.05			
4/24/99 2:45	1026.25	30.31	0.782	96.17	205.10	537.91			
4/24/99 3:00	1026.13	30.30	0.781	96.69	206.04	537.88	536.95		
4/24/99 3:15	1026.13	30.30	0.773	96.95	206.51	535.48			
4/24/99 3:30	1026.25	30.31	0.773	96.95	206.51	535.44			
4/24/99 3:45	1026.13	30.30	0.769	97.21	206.98	534.38			
4/24/99 4:00	1026.25	30.31	0.773	96.95	206.51	535.44	535.81		
4/24/99 4:15	1026.25	30.31	0.779	96.17	205.10	536.81			
4/24/99 4:30	1026.38	30.31	0.779	96.43	205.57	536.97			
4/24/99 4:45	1026.38	30.31	0.781	95.90	204.63	537.24			
4/24/99 5:00	1026.38	30.31	0.776	96.69	206.04	536.09	535.68		
4/24/99 5:15	1026.63	30.32	0.771	96.43	205.57	534.10			
4/24/99 5:30	1027.00	30.33	0.771	96.43	205.57	534.00			
4/24/99 5:45	1027.00	30.33	0.773	96.43	205.57	534.66			
4/24/99 6:00	1027.13	30.33	0.776	95.90	204.63	535.53	535.29		
4/24/99 6:15	1027.38	30.34	0.778	95.64	204.16	535.93			
4/24/99 6:30	1027.63	30.35	0.779	95.64	204.16	536.31			
4/24/99 6:45	1027.75	30.35	0.776	96.17	205.10	535.56			
4/24/99 7:00	1028.00	30.36	0.771	96.17	205.10	533.76	534.73		
4/24/99 7:15	1028.25	30.36	0.771	96.17	205.10	533.70			
4/24/99 7:30	1028.38	30.37	0.773	96.43	205.57	534.30			
4/24/99 7:45	1028.38	30.37	0.781	96.17	205.10	536.91			
4/24/99 8:00	1028.63	30.38	0.782	96.17	205.10	537.29	535.94		
4/24/99 8:15	1028.63	30.38	0.778	96.43	205.57	535.97			
4/24/99 8:30	1028.75	30.38	0.774	96.95	206.51	535.24			
4/24/99 8:45	1028.75	30.38	0.774	97.47	207.45	535.62			
4/24/99 9:00	1029.00	30.39	0.772	97.73	207.92	534.88	536.43		
4/24/99 9:15	1028.88	30.38	0.776	98.26	208.86	536.77			
4/24/99 9:30	1028.75	30.38	0.785	98.00	208.39	539.85			
4/24/99 9:45	1028.88	30.38	0.784	98.26	208.88	539.36			
4/24/99 10:00	1028.75	30.38	0.781	98.52	209.33	538.72	538.72		
4/24/99 10:15	1028.63	30.38	0.778	99.30	210.74	538.04			
4/24/99 10:30	1028.50	30.37	0.776	99.56	211.21	537.82			
4/24/99 10:45	1028.50	30.37	0.780	99.82	211.68	539.32			
4/24/99 11:00	1028.38	30.37	0.784	99.30	210.74	540.25	539.99		
4/24/99 11:15	1028.25	30.36	0.786	98.78	209.80	541.42			
4/24/99 11:30	1028.38	30.37	0.787	99.04	210.27	541.16			
4/24/99 11:45	1028.38	30.37	0.786	99.30	210.74	540.91			
4/24/99 12:00	1028.25	30.36	0.778	100.09	212.15	538.92	539.65		
4/24/99 12:15	1028.13	30.36	0.778	100.35	212.62	539.14			
4/24/99 12:30	1028.00	30.36	0.778	100.61	213.09	539.15			
4/24/99 12:45	1027.75	30.35	0.779	100.87	213.56	540.06			
4/24/99 13:00	1027.63	30.35	0.785	100.87	213.56	542.03	541.28		
4/24/99 13:15	1027.50	30.34	0.787	100.35	212.62	542.34			
4/24/99 13:30	1027.25	30.33	0.787	100.87	213.56	542.79			
4/24/99 13:45	1027.13	30.33	0.779	101.39	214.51	540.36			
4/24/99 14:00	1026.88	30.32	0.779	101.91	215.45	540.80	541.27		
4/24/99 14:15	1026.63	30.32	0.781	102.44	216.39	541.91			
4/24/99 14:30	1026.25	30.31	0.776	102.44	216.39	540.48			
4/24/99 14:45	1026.13	30.30	0.786	102.18	215.92	543.58			
4/24/99 15:00	1025.88	30.29	0.789	102.18	215.92	544.96	543.43		
4/24/99 15:15	1025.75	30.29	0.788	102.44	216.39	544.74			
4/24/99 15:30	1025.75	30.29	0.784	102.70	216.86	543.40			
4/24/99 15:45	1025.63	30.29	0.779	103.22	217.80	542.32			
4/24/99 16:00	1025.38	30.28	0.778	103.48	218.27	541.91	542.35		
4/24/99 16:15	1025.25	30.28	0.773	103.48	218.27	540.41			
4/24/99 16:30	1025.13	30.27	0.783	103.48	218.27	543.72			
4/24/99 16:45	1025.38	30.28	0.786	102.96	217.33	544.35			
4/24/99 17:00	1025.50	30.28	0.789	102.70	216.86	545.20	543.91		
4/24/99 17:15	1025.50	30.28	0.784	102.70	216.86	543.71			
4/24/99 17:30	1025.38	30.28	0.779	103.46	218.27	542.57			
4/24/99 17:45	1025.25	30.28	0.778	103.74	218.74	542.13			
4/24/99 18:00	1025.25	30.28	0.778	104.00	219.21	542.53	542.50		
4/24/99 18:15	1025.38	30.28	0.777	103.22	217.80	541.51			
4/24/99 18:30	1025.38	30.28	0.784	102.70	216.86	543.74			
4/24/99 18:45	1025.25	30.28	0.784	102.18	215.92	543.40			
4/24/99 19:00	1025.13	30.27	0.786	102.44	216.39	544.04	542.69		
4/24/99 19:15	1025.13	30.27	0.779	102.70	216.86	542.07			
4/24/99 19:30	1025.00	30.27	0.774	102.44	216.39	540.18			
4/24/99 19:45	1025.13	30.27	0.771	102.18	215.92	538.84			
4/24/99 20:00	1025.25	30.28	0.774	101.91	215.45	539.49	539.98		
4/24/99 20:15	1025.38	30.28	0.778	101.13	214.04	540.43			
4/24/99 20:30	1025.25	30.28	0.781	100.61	213.09	540.95			
4/24/99 20:45	1025.25	30.28	0.781	100.35	212.62	540.76			
4/24/99 21:00	1025.50	30.28	0.779	100.35	212.62	540.03	539.42		
4/24/99 21:15	1025.75	30.29	0.772	100.61	213.09	537.79			
4/24/99 21:30	1026.00	30.30	0.772	100.35	212.62	537.54			
4/24/99 21:45	1026.38	30.31	0.771	100.09	212.15	537.01			
4/24/99 22:00	1026.38	30.31	0.773	99.82	211.68	537.28	537.79		
4/24/99 22:15	1026.38	30.31	0.777	99.04	210.27	538.24			
4/24/99 22:30	1026.50	30.31	0.779	98.78	209.80	538.88			
4/24/99 22:45	1026.63	30.32	0.779	98.78	209.80	538.81			
4/24/99 23:00	1026.63	30.32	0.773	98.78	209.80	536.67	536.90		
4/24/99 23:15	1026.63	30.32	0.768	98.78	209.80	534.72			
4/24/99 23:30	1026.50	30.31	0.770	98.78	209.80	535.62			
4/24/99 23:45	1026.38	30.31	0.773	98.52	209.33	536.54			
4/25/99 0:00	1026.38	30.31	0.778	98.26	208.88	537.43	536.91		
4/25/99 0:15	1026.38	30.31	0.779	97.73	207.92	537.91			
4/25/99 0:30	1026.38	30.31	0.776	97.73	207.92	537.05			
4/25/99 0:45	1026.50	30.31	0.770	98.52	209.33	535.43			
4/25/99 1:00	1026.38	30.31	0.770	98.78	209.80	535.65	535.56		
4/25/99 1:15	1026.25	30.31	0.767	96.78	209.80	534.81			

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/22/99 14:00	1010.75	29.85	0.757	118.55	241.78	547.79	548.33		
4/22/99 14:15	1010.83	29.84	0.756	118.81	242.25	547.78			
4/22/99 14:30	1010.75	29.85	0.754	117.33	243.20	547.44			
4/22/99 14:45	1010.38	29.84	0.783	116.55	241.78	549.92			
4/22/99 15:00	1010.38	29.84	0.766	116.55	241.78	551.04	549.81		
4/22/99 15:15	1010.25	29.83	0.784	116.29	241.31	550.20			
4/22/99 15:30	1010.25	29.83	0.784	116.29	241.31	550.45			
4/22/99 15:45	1010.25	29.83	0.759	116.55	241.78	548.58			
4/22/99 16:00	1010.25	29.83	0.758	116.55	241.78	548.36	548.92		
4/22/99 16:15	1010.25	29.83	0.758	117.07	242.73	548.51			
4/22/99 16:30	1010.25	29.83	0.757	117.59	243.67	548.66			
4/22/99 16:45	1010.38	29.84	0.781	117.59	243.67	550.19			
4/22/99 17:00	1010.38	29.84	0.765	117.33	243.20	551.37	550.52		
4/22/99 17:15	1010.25	29.83	0.768	118.55	241.78	551.97			
4/22/99 17:30	1010.25	29.83	0.764	116.55	241.78	550.39			
4/22/99 17:45	1010.38	29.84	0.760	117.07	242.73	549.38			
4/22/99 18:00	1010.75	29.85	0.757	117.33	243.20	548.34	548.77		
4/22/99 18:15	1011.00	29.85	0.756	116.81	242.25	547.66			
4/22/99 18:30	1011.25	29.86	0.758	116.55	241.78	548.09			
4/22/99 18:45	1011.25	29.86	0.764	116.02	240.84	550.00			
4/22/99 19:00	1011.13	29.88	0.766	115.50	239.90	550.31	549.58		
4/22/99 19:15	1011.25	29.86	0.765	115.24	239.43	549.66			
4/22/99 19:30	1011.38	29.87	0.766	115.24	239.43	549.84			
4/22/99 19:45	1011.50	29.87	0.761	115.24	239.43	548.22			
4/22/99 20:00	1011.50	29.87	0.758	115.24	239.43	547.11	547.53		
4/22/99 20:15	1011.50	29.87	0.756	115.24	239.43	546.20			
4/22/99 20:30	1011.38	29.87	0.756	114.98	238.96	546.27			
4/22/99 20:45	1011.63	29.87	0.763	114.72	238.49	548.50			
4/22/99 21:00	1012.00	29.88	0.765	114.20	237.55	548.72	547.93		
4/22/99 21:15	1012.25	29.89	0.764	113.93	237.08	548.25			
4/22/99 21:30	1012.50	29.90	0.763	114.20	237.55	547.90			
4/22/99 21:45	1012.63	29.90	0.758	114.46	238.02	546.25			
4/22/99 22:00	1012.75	29.91	0.754	114.46	238.02	544.88	546.11		
4/22/99 22:15	1012.88	29.91	0.756	114.46	238.02	545.28			
4/22/99 22:30	1012.75	29.91	0.759	114.20	237.55	546.25			
4/22/99 22:45	1012.75	29.91	0.766	113.93	237.08	548.76			
4/22/99 23:00	1012.63	29.90	0.765	113.87	236.61	548.18	547.24		
4/22/99 23:15	1012.63	29.90	0.763	113.87	236.61	547.49			
4/22/99 23:30	1012.50	29.90	0.758	113.87	236.61	545.52			
4/22/99 23:45	1012.63	29.90	0.756	113.41	236.14	544.61			
4/23/99 0:00	1012.50	29.90	0.755	113.41	236.14	544.43	545.11		
4/23/99 0:15	1012.50	29.90	0.758	113.41	236.14	545.55			
4/23/99 0:30	1012.50	29.90	0.759	112.63	234.73	545.46			
4/23/99 0:45	1012.50	29.90	0.763	112.63	234.73	546.79			
4/23/99 1:00	1012.25	29.89	0.763	112.89	235.20	547.04	545.58		
4/23/99 1:15	1011.75	29.88	0.758	112.37	234.26	544.60			
4/23/99 1:30	1011.88	29.88	0.754	112.63	234.73	543.83			
4/23/99 1:45	1011.88	29.88	0.753	112.63	234.73	543.15			
4/23/99 2:00	1011.25	29.88	0.756	113.15	235.67	544.80	544.48		
4/23/99 2:15	1011.00	29.85	0.757	112.63	234.73	544.97			
4/23/99 2:30	1010.75	29.85	0.759	112.63	234.73	545.68			
4/23/99 2:45	1010.50	29.84	0.761	111.84	233.32	545.88			
4/23/99 3:00	1010.38	29.84	0.759	111.84	233.32	545.23	544.75		
4/23/99 3:15	1010.38	29.84	0.753	112.63	234.73	543.55			
4/23/99 3:30	1010.13	29.83	0.752	112.63	234.73	543.40			
4/23/99 3:45	1010.13	29.83	0.751	112.63	234.73	542.93			
4/23/99 4:00	1010.13	29.83	0.750	112.37	234.26	542.53	543.54		
4/23/99 4:15	1010.00	29.83	0.756	112.11	233.79	544.40			
4/23/99 4:30	1010.00	29.83	0.756	111.84	233.32	544.43			
4/23/99 4:45	1010.00	29.83	0.754	111.84	233.32	543.53			
4/23/99 5:00	1009.88	29.82	0.749	112.11	233.79	542.19	542.97		
4/23/99 5:15	1009.63	29.81	0.748	112.63	234.73	542.16			
4/23/99 5:30	1009.63	29.81	0.749	112.89	235.20	542.56			
4/23/99 5:45	1009.63	29.81	0.749	113.15	235.67	542.74			
4/23/99 6:00	1009.38	29.81	0.754	113.15	235.67	544.62	544.39		
4/23/99 6:15	1009.25	29.80	0.758	112.89	235.20	546.06			
4/23/99 6:30	1009.63	29.81	0.758	112.89	235.20	545.95			
4/23/99 6:45	1009.75	29.82	0.753	113.41	236.14	544.49			
4/23/99 7:00	1009.88	29.82	0.749	113.93	237.08	543.48	544.13		
4/23/99 7:15	1010.13	29.83	0.750	114.20	237.55	543.81			
4/23/99 7:30	1010.25	29.83	0.748	113.93	237.08	542.91			
4/23/99 7:45	1010.38	29.84	0.751	113.93	237.08	544.00			
4/23/99 8:00	1010.50	29.84	0.758	113.87	236.61	548.27	545.12		
4/23/99 8:15	1010.50	29.84	0.761	113.87	236.61	547.17			
4/23/99 8:30	1010.63	29.84	0.754	114.20	237.55	545.27			
4/23/99 8:45	1010.50	29.84	0.751	114.72	238.49	544.51			
4/23/99 9:00	1010.50	29.84	0.753	114.98	238.96	545.17	544.83		
4/23/99 9:15	1010.50	29.84	0.748	115.24	239.43	543.75			
4/23/99 9:30	1010.50	29.84	0.750	115.24	239.43	544.44			
4/23/99 9:45	1010.38	29.84	0.755	114.98	238.96	546.11			
4/23/99 10:00	1010.50	29.84	0.759	115.24	239.43	547.85	548.50		
4/23/99 10:15	1010.38	29.84	0.758	115.50	239.90	547.38			
4/23/99 10:30	1010.63	29.84	0.754	116.29	241.31	546.74			
4/23/99 10:45	1011.00	29.85	0.749	116.55	241.78	544.75			
4/23/99 11:00	1011.00	29.85	0.751	116.55	241.78	545.44	546.02		
4/23/99 11:15	1011.25	29.88	0.753	116.81	242.25	546.47			
4/23/99 11:30	1011.50	29.87	0.754	116.55	241.78	546.69			
4/23/99 11:45	1011.38	29.87	0.761	116.55	241.78	549.18			
4/23/99 12:00	1011.63	29.87	0.764	116.81	242.25	550.20	548.61		
4/23/99 12:15	1011.68	29.68	0.761	117.33	243.20	549.38			
4/23/99 12:30	1012.13	29.89	0.756	117.59	243.67	548.59			
4/23/99 12:45	1012.00	29.88	0.754	117.85	244.14	547.47			
4/23/99 13:00	1012.00	29.88	0.755	118.11	244.61	547.87	547.87		
4/23/99 13:15	1012.00	29.88	0.751	118.38	245.08	546.45			
4/23/99 13:30	1012.00	29.88	0.758	118.11	244.61	548.99			
4/23/99 13:45	1012.13	29.89	0.763	118.11	244.61	550.55			
4/23/99 14:00	1012.38	29.90	0.759	118.11	244.61	549.38	548.99		
4/23/99 14:15	1012.88	29.91	0.759	118.11	244.61	549.22			
4/23/99 14:30	1013.25	29.92	0.753	118.11	244.61	546.84			
4/23/99 14:45	1013.86	29.94	0.126	86.50	187.70	214.56			
4/23/99 15:00	1014.13	29.95	0.000	77.88	172.18	0.00	152.28		
4/23/99 15:15	1014.50	29.96	0.000	67.16	152.89	0.00			
4/23/99 15:30	1015.00	29.97	0.000	57.76	135.96	0.00			
4/23/99 15:45	1015.38	29.98	0.000	50.70	123.26	0.00			
4/23/99 16:00	1015.75	30.00	0.000	45.21	113.38	0.00	232.08		
4/23/99 16:15	1016.13	30.01	1.158	61.15	142.07	625.79			
4/23/99 16:30	1016.50	30.02	0.769	94.08	201.34	534.83			
4/23/99 16:45	1017.00	30.03	0.773	98.52	209.33	536.80			
4/23/99 17:00	1017.63	30.05	0.773	99.30	210.74	539.41	539.22		
4/23/99 17:15	1018.25	30.07	0.780	98.78	209.80	541.27			
4/23/99 17:30	1018.75	30.08	0.783	98.52	209.33	542.02			
4/23/99 17:45	1019.25	30.10	0.782	98.26	208.88	541.28			
4/23/99 18:00	1019.63	30.11	0.779	98.26	208.86	540.07	539.54		
4/23/99 18:15	1020.13	30.12	0.771	98.26	208.86	537.33			
4/23/99 18:30	1020.50	30.14	0.770	98.52	209.33	537.00			
4/23/99 18:45	1020.88	30.15	0.769	98.52	209.33	536.45			
4/23/99 19:00	1021.13	30.15	0.771	98.78	209.80	537.45	537.97		
4/23/99 19:15	1021.13	30.15	0.776	98.26	208.86	538.81			
4/23/99 19:30	1021.13	30.15	0.780	98.26	208.88	540.12			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/21/99 8:15	1012.13	29.89	0.622	113.67	236.61	494.38			
4/21/99 8:30	1012.13	29.89	0.596	115.76	240.37	485.36			
4/21/99 8:45	1012.13	29.89	0.597	116.02	240.84	485.81			
4/21/99 9:00	1011.75	29.88	0.596	116.02	240.84	485.61	486.18		
4/21/99 9:15	1012.13	29.89	0.600	116.02	240.84	487.07			
4/21/99 9:30	1012.13	29.89	0.600	116.02	240.84	487.07			
4/21/99 9:45	1012.00	29.88	0.601	116.02	240.84	487.58			
4/21/99 10:00	1011.38	29.87	0.609	115.76	240.37	490.88	490.82		
4/21/99 10:15	1011.25	29.86	0.613	115.76	240.37	492.18			
4/21/99 10:30	1011.38	29.87	0.624	114.98	238.96	496.39			
4/21/99 10:45	1011.38	29.87	0.636	114.20	237.55	500.31			
4/21/99 11:00	1011.75	29.88	0.644	113.41	236.14	503.16	503.25		
4/21/99 11:15	1011.63	29.87	0.656	112.89	235.20	507.20			
4/21/99 11:30	1011.63	29.87	0.661	112.83	234.73	509.19			
4/21/99 11:45	1011.63	29.87	0.669	112.63	234.73	512.07			
4/21/99 12:00	1011.63	29.87	0.676	112.63	234.73	514.71	514.67		
4/21/99 12:15	1011.38	29.87	0.682	112.37	234.26	516.99			
4/21/99 12:30	1011.00	29.85	0.691	112.37	234.26	520.38			
4/21/99 12:45	1010.63	29.84	0.693	112.63	234.73	521.59			
4/21/99 13:00	1010.63	29.84	0.678	114.46	238.02	517.14	519.57		
4/21/99 13:15	1010.38	29.84	0.680	114.72	238.49	518.10			
4/21/99 13:30	1009.88	29.82	0.687	114.46	238.02	520.67			
4/21/99 13:45	1009.88	29.82	0.693	113.67	236.61	522.26			
4/21/99 14:00	1009.75	29.82	0.693	113.67	236.61	522.30	526.85		
4/21/99 14:15	1009.63	29.81	0.744	112.63	234.73	540.82			
4/21/99 14:30	1009.38	29.81	0.709	112.89	235.20	528.19			
4/21/99 14:45	1009.50	29.81	0.705	114.98	238.96	527.94			
4/21/99 15:00	1009.25	29.80	0.705	115.24	239.43	528.19	529.63		
4/21/99 15:15	1009.00	29.80	0.713	115.24	239.43	531.05			
4/21/99 15:30	1008.75	29.79	0.717	115.24	239.43	532.76			
4/21/99 15:45	1008.63	29.78	0.723	115.24	239.43	535.09			
4/21/99 16:00	1008.63	29.78	0.722	115.50	239.90	534.82	535.40		
4/21/99 16:15	1008.63	29.78	0.727	115.50	239.90	536.87			
4/21/99 16:30	1008.50	29.78	0.730	115.24	239.43	537.67			
4/21/99 16:45	1008.38	29.78	0.730	115.24	239.43	537.70			
4/21/99 17:00	1008.25	29.77	0.735	114.98	238.96	539.39	538.75		
4/21/99 17:15	1008.13	29.77	0.733	115.24	239.43	538.89			
4/21/99 17:30	1008.13	29.77	0.737	115.24	239.43	540.30			
4/21/99 17:45	1008.13	29.77	0.739	115.24	239.43	540.96			
4/21/99 18:00	1008.38	29.78	0.739	115.24	239.43	541.15	541.25		
4/21/99 18:15	1008.50	29.78	0.745	114.98	238.96	542.98			
4/21/99 18:30	1008.88	29.79	0.739	114.98	238.96	540.84			
4/21/99 18:45	1009.13	29.80	0.746	114.72	238.49	542.85			
4/21/99 19:00	1009.25	29.80	0.748	114.20	237.55	543.14	542.07		
4/21/99 19:15	1009.13	29.80	0.742	114.46	238.02	541.32			
4/21/99 19:30	1008.75	29.79	0.745	113.93	237.08	542.18			
4/21/99 19:45	1008.75	29.79	0.749	113.41	236.14	543.16			
4/21/99 20:00	1008.25	29.77	0.746	113.41	236.14	542.17	542.66		
4/21/99 20:15	1008.25	29.77	0.744	113.67	236.61	541.92			
4/21/99 20:30	1008.38	29.78	0.752	112.63	234.73	543.87			
4/21/99 20:45	1008.38	29.78	0.751	112.37	234.26	543.43			
4/21/99 21:00	1008.63	29.78	0.746	112.37	234.26	541.34	542.46		
4/21/99 21:15	1008.38	29.78	0.745	112.11	233.79	541.00			
4/21/99 21:30	1008.75	29.79	0.752	111.06	231.91	542.66			
4/21/99 21:45	1008.63	29.78	0.753	110.54	230.97	542.54			
4/21/99 22:00	1008.75	29.79	0.747	110.80	231.44	540.67	541.68		
4/21/99 22:15	1008.75	29.79	0.746	110.80	231.44	540.20			
4/21/99 22:30	1008.75	29.79	0.753	110.28	230.50	542.33			
4/21/99 22:45	1008.63	29.78	0.750	110.01	230.03	541.27			
4/21/99 23:00	1008.50	29.78	0.748	110.28	230.50	540.12	541.30		
4/21/99 23:15	1008.38	29.78	0.746	110.80	231.44	540.52			
4/21/99 23:30	1008.63	29.78	0.751	110.80	231.44	542.28			
4/21/99 23:45	1008.75	29.79	0.758	110.80	231.44	543.81			
4/22/99 0:00	1008.88	29.79	0.751	110.80	231.44	542.19	542.29		
4/22/99 0:15	1009.00	29.80	0.749	110.80	231.44	541.51			
4/22/99 0:30	1009.13	29.80	0.750	110.80	231.44	541.69			
4/22/99 0:45	1009.00	29.80	0.755	110.54	230.97	543.34			
4/22/99 1:00	1008.88	29.79	0.753	110.01	230.03	542.11	541.77		
4/22/99 1:15	1009.00	29.80	0.749	110.28	230.50	541.14			
4/22/99 1:30	1009.25	29.80	0.748	110.54	230.97	540.57			
4/22/99 1:45	1009.25	29.80	0.749	110.01	230.03	540.89			
4/22/99 2:00	1009.13	29.80	0.756	109.49	229.09	542.79	541.85		
4/22/99 2:15	1009.00	29.80	0.759	109.49	229.09	543.93			
4/22/99 2:30	1008.88	29.79	0.751	109.49	229.09	541.05			
4/22/99 2:45	1008.88	29.79	0.746	109.49	229.09	539.94			
4/22/99 3:00	1008.75	29.79	0.748	109.49	229.09	539.97	541.07		
4/22/99 3:15	1008.75	29.79	0.754	108.97	228.15	541.83			
4/22/99 3:30	1008.75	29.79	0.756	108.71	227.67	542.55			
4/22/99 3:45	1009.13	29.80	0.751	109.49	229.09	541.20			
4/22/99 4:00	1009.38	29.81	0.750	109.23	228.62	540.52	540.63		
4/22/99 4:15	1009.50	29.81	0.748	108.71	227.67	539.43			
4/22/99 4:30	1009.63	29.81	0.749	108.45	227.20	539.43			
4/22/99 4:45	1009.88	29.82	0.757	107.92	226.26	541.94			
4/22/99 5:00	1010.00	29.83	0.758	107.40	225.32	541.96	540.56		
4/22/99 5:15	1010.13	29.83	0.753	107.66	225.79	540.11			
4/22/99 5:30	1010.25	29.83	0.750	107.92	226.26	539.36			
4/22/99 5:45	1010.50	29.84	0.748	108.19	226.73	538.80			
4/22/99 6:00	1010.50	29.84	0.752	108.19	226.73	540.16	540.21		
4/22/99 6:15	1010.75	29.85	0.755	107.92	226.26	541.02			
4/22/99 6:30	1010.88	29.85	0.758	107.66	225.79	541.70			
4/22/99 6:45	1011.00	29.85	0.755	108.19	226.73	541.14			
4/22/99 7:00	1011.25	29.86	0.753	108.71	227.67	540.76	541.34		
4/22/99 7:15	1011.63	29.87	0.753	109.23	228.62	541.03			
4/22/99 7:30	1011.75	29.88	0.756	109.49	229.09	542.08			
4/22/99 7:45	1012.00	29.88	0.760	109.49	229.09	543.59			
4/22/99 8:00	1012.25	29.89	0.763	109.49	229.09	544.42	543.24		
4/22/99 8:15	1012.25	29.89	0.759	110.01	230.03	543.68			
4/22/99 8:30	1012.25	29.89	0.754	110.80	231.44	542.44			
4/22/99 8:45	1012.25	29.89	0.755	111.06	231.91	542.84			
4/22/99 9:00	1012.38	29.90	0.798	110.28	230.50	557.52	547.07		
4/22/99 9:15	1012.25	29.89	0.766	110.80	231.44	546.45			
4/22/99 9:30	1012.13	29.89	0.782	112.11	233.79	546.09			
4/22/99 9:45	1012.25	29.89	0.784	112.37	234.28	547.14			
4/22/99 10:00	1012.13	29.89	0.758	113.15	235.67	545.25	545.79		
4/22/99 10:15	1012.00	29.88	0.758	113.93	237.08	545.15			
4/22/99 10:30	1012.00	29.88	0.758	114.20	237.55	545.33			
4/22/99 10:45	1011.88	29.88	0.758	114.72	238.49	545.95			
4/22/99 11:00	1011.88	29.88	0.761	114.46	238.02	547.57	547.15		
4/22/99 11:15	1011.75	29.88	0.763	114.46	238.02	548.07			
4/22/99 11:30	1011.50	29.87	0.764	114.46	238.02	548.82			
4/22/99 11:45	1011.50	29.87	0.761	114.98	238.96	547.82			
4/22/99 12:00	1011.50	29.87	0.758	115.24	239.43	546.89	547.78		
4/22/99 12:15	1011.50	29.87	0.759	115.76	240.37	547.94			
4/22/99 12:30	1011.50	29.87	0.758	116.02	240.84	547.44			
4/22/99 12:45	1011.50	29.87	0.806	114.20	237.55	563.44			
4/22/99 13:00	1011.38	29.87	0.768	115.76	240.37	551.11	552.79		
4/22/99 13:15	1011.25	29.86	0.768	116.02	240.84	551.11			
4/22/99 13:30	1011.13	29.86	0.766	116.29	241.31	550.86			
4/22/99 13:45	1010.75	29.85	0.757	116.55	241.78	547.79			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/20/99 2:30	1014.00	29.94	0.768	99.30	210.74	538.41			
4/20/99 2:45	1014.00	29.94	0.773	98.78	209.80	539.79			
4/20/99 3:00	1014.00	29.94	0.778	98.52	209.33	540.68	539.88		
4/20/99 3:15	1014.00	29.94	0.778	97.73	207.92	540.98			
4/20/99 3:30	1014.13	29.95	0.774	97.47	207.45	539.47			
4/20/99 3:45	1014.00	29.94	0.772	97.47	207.45	538.83			
4/20/99 4:00	1014.25	29.95	0.766	97.73	207.92	536.55	537.45		
4/20/99 4:15	1014.25	29.95	0.766	98.00	208.39	536.95			
4/20/99 4:30	1014.38	29.95	0.784	97.47	207.45	535.66			
4/20/99 4:45	1014.75	29.97	0.784	97.47	207.45	535.81			
4/20/99 5:00	1015.13	29.98	0.765	97.47	207.45	535.92	538.67		
4/20/99 5:15	1015.38	29.98	0.789	96.95	206.51	537.01			
4/20/99 5:30	1015.38	29.98	0.775	96.95	206.51	538.96			
4/20/99 5:45	1015.38	29.98	0.772	96.95	206.51	537.88			
4/20/99 6:00	1015.50	29.99	0.766	97.21	206.98	536.05	536.88		
4/20/99 6:15	1015.50	29.99	0.766	96.95	206.51	535.65			
4/20/99 6:30	1015.63	29.99	0.766	96.95	206.51	535.83			
4/20/99 6:45	1015.88	30.00	0.785	96.95	206.51	535.34			
4/20/99 7:00	1016.00	30.00	0.763	96.95	206.51	534.64	535.98		
4/20/99 7:15	1016.25	30.01	0.770	96.43	205.57	536.61			
4/20/99 7:30	1016.38	30.01	0.773	96.17	205.10	537.47			
4/20/99 7:45	1016.63	30.02	0.778	96.17	205.10	539.14			
4/20/99 8:00	1016.75	30.02	0.773	96.69	206.04	537.75	537.63		
4/20/99 8:15	1017.00	30.03	0.769	97.47	207.45	536.96			
4/20/99 8:30	1017.13	30.04	0.768	98.26	208.86	536.83			
4/20/99 8:45	1017.38	30.04	0.769	98.78	209.80	537.56			
4/20/99 9:00	1017.38	30.04	0.769	99.04	210.27	537.75	540.67		
4/20/99 9:15	1017.50	30.05	0.807	97.73	207.92	549.95			
4/20/99 9:30	1017.63	30.05	0.780	98.52	209.33	541.24			
4/20/99 9:45	1017.63	30.05	0.776	98.78	209.80	539.90			
4/20/99 10:00	1017.75	30.05	0.779	99.04	210.27	541.38	540.80		
4/20/99 10:15	1017.88	30.06	0.777	99.30	210.74	540.67			
4/20/99 10:30	1018.00	30.06	0.777	99.56	211.21	540.83			
4/20/99 10:45	1018.25	30.07	0.774	100.61	213.09	540.64			
4/20/99 11:00	1018.38	30.07	0.771	101.13	214.04	539.87	540.49		
4/20/99 11:15	1018.50	30.08	0.773	101.39	214.51	540.69			
4/20/99 11:30	1018.75	30.08	0.773	101.39	214.51	540.41			
4/20/99 11:45	1018.88	30.09	0.773	101.91	215.45	540.76			
4/20/99 12:00	1018.88	30.09	0.778	102.18	215.92	542.69	543.02		
4/20/99 12:15	1018.88	30.09	0.788	102.44	216.39	545.70			
4/20/99 12:30	1018.75	30.08	0.788	102.18	215.92	545.55			
4/20/99 12:45	1018.63	30.08	0.784	102.18	215.92	545.16			
4/20/99 13:00	1018.38	30.07	0.800	102.18	215.92	550.62	546.62		
4/20/99 13:15	1018.25	30.07	0.801	101.39	214.51	550.29			
4/20/99 13:30	1018.25	30.07	0.773	102.70	216.88	541.49			
4/20/99 13:45	1018.13	30.07	0.773	103.48	218.27	542.30			
4/20/99 14:00	1018.00	30.06	0.773	104.00	219.21	542.49	542.80		
4/20/99 14:15	1017.88	30.06	0.773	104.00	219.21	542.74			
4/20/99 14:30	1017.75	30.05	0.779	104.00	219.21	544.98			
4/20/99 14:45	1017.63	30.05	0.784	103.48	218.27	546.38			
4/20/99 15:00	1017.50	30.05	0.788	103.48	218.27	547.70	546.15		
4/20/99 15:15	1017.38	30.04	0.785	103.74	218.74	546.84			
4/20/99 15:30	1017.25	30.04	0.779	104.00	219.21	544.87			
4/20/99 15:45	1017.25	30.04	0.776	104.53	220.15	544.16			
4/20/99 16:00	1017.00	30.03	0.773	104.53	220.15	543.35	544.15		
4/20/99 16:15	1016.75	30.02	0.776	104.53	220.15	544.29			
4/20/99 16:30	1016.75	30.02	0.775	104.53	220.15	544.08			
4/20/99 16:45	1016.63	30.02	0.779	104.53	220.15	545.66			
4/20/99 17:00	1016.38	30.01	0.782	104.53	220.15	546.60	546.32		
4/20/99 17:15	1016.25	30.01	0.788	104.53	220.15	547.92			
4/20/99 17:30	1016.13	30.01	0.784	104.27	219.68	547.35			
4/20/99 17:45	1016.13	30.01	0.784	104.53	220.15	547.54			
4/20/99 18:00	1016.25	30.01	0.778	104.79	220.62	545.28	545.65		
4/20/99 18:15	1016.13	30.01	0.776	104.53	220.15	544.67			
4/20/99 18:30	1016.00	30.00	0.773	104.53	220.15	543.40			
4/20/99 18:45	1016.00	30.00	0.775	104.79	220.62	544.47			
4/20/99 19:00	1015.88	30.00	0.775	104.53	220.15	544.32	544.20		
4/20/99 19:15	1015.75	30.00	0.773	104.27	219.68	543.28			
4/20/99 19:30	1015.75	30.00	0.780	103.74	218.74	545.54			
4/20/99 19:45	1015.63	29.99	0.780	103.22	217.80	545.19			
4/20/99 20:00	1015.50	29.99	0.783	102.70	216.86	545.72	544.43		
4/20/99 20:15	1015.38	29.98	0.776	102.44	216.39	543.15			
4/20/99 20:30	1015.25	29.98	0.774	102.18	215.92	542.58			
4/20/99 20:45	1015.00	29.97	0.774	101.91	215.45	542.45			
4/20/99 21:00	1015.00	29.97	0.770	101.91	215.45	540.91	541.44		
4/20/99 21:15	1015.13	29.98	0.768	101.91	215.45	540.21			
4/20/99 21:30	1015.13	29.98	0.769	102.44	216.39	541.04			
4/20/99 21:45	1015.13	29.98	0.775	102.70	216.86	543.20			
4/20/99 22:00	1015.25	29.98	0.781	102.18	215.92	544.95	543.53		
4/20/99 22:15	1015.13	29.98	0.780	101.91	215.45	544.38			
4/20/99 22:30	1015.25	29.98	0.778	102.44	216.39	544.06			
4/20/99 22:45	1015.38	29.98	0.773	103.22	217.80	542.84			
4/20/99 23:00	1015.38	29.98	0.771	103.74	218.74	542.55	542.94		
4/20/99 23:15	1015.38	29.98	0.772	103.74	218.74	542.80			
4/20/99 23:30	1015.13	29.98	0.771	103.48	218.27	542.43			
4/20/99 23:45	1015.00	29.97	0.789	102.70	216.86	541.02			
4/21/99 0:00	1015.13	29.98	0.773	102.18	215.92	542.15	542.36		
4/21/99 0:15	1015.13	29.98	0.778	101.91	215.45	543.51			
4/21/99 0:30	1015.00	29.97	0.776	101.65	214.98	542.69			
4/21/99 0:45	1015.00	29.97	0.778	101.65	214.98	543.35			
4/21/99 1:00	1015.25	29.98	0.777	101.91	215.45	543.26	542.25		
4/21/99 1:15	1015.25	29.98	0.771	101.91	215.45	541.27			
4/21/99 1:30	1015.00	29.97	0.789	101.91	215.45	540.70			
4/21/99 1:45	1014.88	29.97	0.768	101.91	215.45	540.07			
4/21/99 2:00	1014.63	29.96	0.769	101.91	215.45	540.55	540.32		
4/21/99 2:15	1014.13	29.95	0.766	101.91	215.45	539.60			
4/21/99 2:30	1013.63	29.93	0.769	101.39	214.51	540.69			
4/21/99 2:45	1013.13	29.92	0.774	101.39	214.51	542.33			
4/21/99 3:00	1013.00	29.91	0.775	101.13	214.04	542.63	542.06		
4/21/99 3:15	1013.13	29.92	0.774	101.39	214.51	542.33			
4/21/99 3:30	1013.00	29.91	0.772	102.18	215.92	542.30			
4/21/99 3:45	1012.88	29.91	0.768	102.70	216.86	541.16			
4/21/99 4:00	1012.88	29.91	0.767	102.70	216.86	540.95	540.74		
4/21/99 4:15	1012.88	29.91	0.766	102.18	215.92	540.12			
4/21/99 4:30	1013.13	29.92	0.763	102.18	215.92	539.17			
4/21/99 4:45	1013.13	29.92	0.764	102.18	215.92	539.63			
4/21/99 5:00	1013.00	29.91	0.772	101.65	214.98	541.92	541.23		
4/21/99 5:15	1013.13	29.92	0.775	101.39	214.51	542.79			
4/21/99 5:30	1012.88	29.91	0.775	101.13	214.04	542.67			
4/21/99 5:45	1012.75	29.91	0.774	101.91	215.45	543.06			
4/21/99 6:00	1013.00	29.91	0.768	102.44	216.39	541.15	537.94		
4/21/99 6:15	1013.00	29.91	0.757	103.48	218.27	537.94			
4/21/99 6:30	1012.88	29.91	0.718	105.05	221.09	524.87			
4/21/99 6:45	1013.00	29.91	0.627	111.06	231.91	494.47			
4/21/99 7:00	1013.38	29.92	0.575	117.07	242.73	477.16	499.37		
4/21/99 7:15	1013.88	29.94	0.631	115.76	240.37	498.73			
4/21/99 7:30	1012.38	29.90	0.644	111.32	232.38	501.65			
4/21/99 7:45	1012.50	29.90	0.611	114.46	238.02	490.51			
4/21/99 8:00	1012.00	29.88	0.619	113.93	237.08	493.30	493.04		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/18/99 20:45	1019.50	30.11	0.658	105.31	221.56	501.21			
4/18/99 21:00	1019.75	30.11	0.657	105.57	222.03	500.87	501.56		
4/18/99 21:15	1019.88	30.12	0.658	105.57	222.03	501.07			
4/18/99 21:30	1019.88	30.12	0.661	105.05	221.09	501.90			
4/18/99 21:45	1019.88	30.12	0.664	105.05	221.09	503.34			
4/18/99 22:00	1019.88	30.12	0.663	105.05	221.09	502.85	502.48		
4/18/99 22:15	1019.88	30.12	0.663	105.05	221.09	502.82			
4/18/99 22:30	1020.00	30.12	0.661	104.79	220.62	501.69			
4/18/99 22:45	1020.00	30.12	0.658	104.79	220.62	500.52			
4/18/99 23:00	1019.88	30.12	0.652	105.05	221.09	498.58	499.75		
4/18/99 23:15	1019.75	30.11	0.652	105.05	221.09	498.61			
4/18/99 23:30	1019.88	30.12	0.654	104.79	220.62	499.37			
4/18/99 23:45	1019.88	30.12	0.656	105.05	221.09	500.22			
4/19/99 0:00	1020.00	30.12	0.656	104.53	220.15	499.62	499.80		
4/19/99 0:15	1020.00	30.12	0.656	104.00	219.21	500.00			
4/19/99 0:30	1020.00	30.12	0.657	104.00	219.21	499.77			
4/19/99 0:45	1020.00	30.12	0.652	104.27	219.88	498.04			
4/19/99 1:00	1019.88	30.12	0.649	104.79	220.62	497.19	497.74		
4/19/99 1:15	1019.88	30.12	0.648	105.57	222.03	497.47			
4/19/99 1:30	1019.75	30.11	0.644	105.83	222.50	496.25			
4/19/99 1:45	1019.63	30.11	0.649	105.57	222.03	497.76			
4/19/99 2:00	1019.50	30.11	0.651	104.79	220.62	498.23	497.52		
4/19/99 2:15	1019.38	30.10	0.649	104.79	220.62	497.31			
4/19/99 2:30	1019.25	30.10	0.651	104.79	220.62	498.07			
4/19/99 2:45	1019.13	30.09	0.647	105.05	221.09	496.85			
4/19/99 3:00	1019.00	30.09	0.644	105.31	221.56	495.82	496.14		
4/19/99 3:15	1019.00	30.09	0.643	105.31	221.56	495.59			
4/19/99 3:30	1018.88	30.09	0.639	105.57	222.03	494.36			
4/19/99 3:45	1018.88	30.09	0.634	105.83	222.50	492.60			
4/19/99 4:00	1018.75	30.08	0.638	105.57	222.03	493.89	494.41		
4/19/99 4:15	1018.88	30.09	0.641	105.83	222.50	495.00			
4/19/99 4:30	1018.75	30.08	0.644	105.83	222.50	496.22			
4/19/99 4:45	1018.63	30.08	0.643	105.05	221.09	495.28			
4/19/99 5:00	1018.50	30.08	0.641	105.31	221.56	494.98	494.43		
4/19/99 5:15	1018.50	30.08	0.639	105.05	221.09	493.84			
4/19/99 5:30	1018.25	30.07	0.633	105.57	222.03	491.84			
4/19/99 5:45	1018.38	30.07	0.631	105.83	222.50	491.47			
4/19/99 6:00	1018.38	30.07	0.628	106.10	222.97	490.20	490.81		
4/19/99 6:15	1017.88	30.06	0.626	106.36	223.44	489.75			
4/19/99 6:30	1018.25	30.07	0.628	106.62	223.91	490.80			
4/19/99 6:45	1018.25	30.07	0.631	106.36	223.44	491.84			
4/19/99 7:00	1018.25	30.07	0.631	106.36	223.44	491.84	491.64		
4/19/99 7:15	1018.25	30.07	0.634	106.10	222.97	492.92			
4/19/99 7:30	1018.38	30.07	0.631	106.36	223.44	491.81			
4/19/99 7:45	1018.63	30.08	0.628	106.62	223.91	490.71			
4/19/99 8:00	1018.63	30.08	0.621	107.40	225.32	488.51	489.65		
4/19/99 8:15	1018.63	30.08	0.621	107.66	225.79	488.44			
4/19/99 8:30	1018.63	30.08	0.621	108.19	226.73	488.78			
4/19/99 8:45	1018.38	30.07	0.616	108.97	228.15	487.80			
4/19/99 9:00	1018.38	30.07	0.614	109.49	229.09	487.22	488.31		
4/19/99 9:15	1018.25	30.07	0.619	109.49	229.09	488.95			
4/19/99 9:30	1018.13	30.07	0.619	109.49	229.09	488.98			
4/19/99 9:45	1018.25	30.07	0.619	109.75	229.56	489.12			
4/19/99 10:00	1018.13	30.07	0.619	110.01	230.03	489.32	440.21		
4/19/99 10:15	1018.00	30.06	0.618	110.54	230.97	489.21			
4/19/99 10:30	1018.00	30.06	0.168	79.97	175.94	244.43			
4/19/99 10:45	1017.75	30.05	0.726	75.26	167.47	505.41			
4/19/99 11:00	1017.75	30.05	0.678	94.88	202.75	502.13	453.23		
4/19/99 11:15	1017.50	30.05	0.681	101.13	214.04	507.39			
4/19/99 11:30	1017.38	30.04	0.678	101.91	215.45	506.79			
4/19/99 11:45	1017.25	30.04	0.679	102.18	215.92	507.45			
4/19/99 12:00	1017.25	30.04	0.678	102.18	215.92	507.22	507.27		
4/19/99 12:15	1017.13	30.04	0.678	102.44	216.39	507.20			
4/19/99 12:30	1016.75	30.02	0.678	102.70	216.86	507.70			
4/19/99 12:45	1016.38	30.01	0.674	103.48	218.27	506.93			
4/19/99 13:00	1016.13	30.01	0.666	103.74	218.74	504.08	505.14		
4/19/99 13:15	1015.75	30.00	0.664	104.27	219.68	503.84			
4/19/99 13:30	1015.38	29.98	0.662	104.53	220.15	503.16			
4/19/99 13:45	1015.13	29.98	0.658	104.79	220.62	501.95			
4/19/99 14:00	1014.88	29.97	0.656	105.31	221.56	501.40	502.88		
4/19/99 14:15	1014.75	29.97	0.661	105.31	221.56	503.57			
4/19/99 14:30	1014.63	29.96	0.660	105.57	222.03	503.31			
4/19/99 14:45	1014.38	29.95	0.661	105.57	222.03	503.61			
4/19/99 15:00	1014.25	29.95	0.681	105.05	221.09	510.85	506.23		
4/19/99 15:15	1014.00	29.94	0.892	104.00	219.21	514.43			
4/19/99 15:30	1013.75	29.94	0.845	107.40	225.32	496.98			
4/19/99 15:45	1013.50	29.93	0.643	108.19	226.73	498.58			
4/19/99 16:00	1013.38	29.92	0.641	108.19	226.73	498.11	495.90		
4/19/99 16:15	1013.13	29.92	0.536	95.64	204.16	448.01			
4/19/99 16:30	1012.75	29.91	0.782	98.00	208.39	535.84			
4/19/99 16:45	1012.63	29.90	0.768	99.82	211.68	539.37			
4/19/99 17:00	1012.63	29.90	0.771	100.09	212.15	540.64	538.84		
4/19/99 17:15	1012.63	29.90	0.768	100.35	212.62	539.53			
4/19/99 17:30	1012.63	29.90	0.764	100.87	213.56	538.82			
4/19/99 17:45	1012.50	29.90	0.766	100.87	213.56	539.28			
4/19/99 18:00	1012.63	29.90	0.766	101.39	214.51	539.83	540.25		
4/19/99 18:15	1012.63	29.90	0.772	100.87	213.56	541.46			
4/19/99 18:30	1012.75	29.91	0.774	100.81	213.09	541.87			
4/19/99 18:45	1012.75	29.91	0.778	100.35	212.62	543.21			
4/19/99 19:00	1012.63	29.90	0.774	100.61	213.09	542.14	541.31		
4/19/99 19:15	1012.63	29.90	0.767	101.13	214.04	539.89			
4/19/99 19:30	1012.63	29.90	0.766	101.13	214.04	539.43			
4/19/99 19:45	1012.75	29.91	0.767	101.13	214.04	539.86			
4/19/99 20:00	1012.88	29.91	0.764	100.81	213.09	538.57	539.78		
4/19/99 20:15	1013.00	29.91	0.771	99.82	211.68	540.36			
4/19/99 20:30	1012.88	29.91	0.773	99.30	210.74	540.87			
4/19/99 20:45	1013.00	29.91	0.774	99.04	210.27	540.91			
4/19/99 21:00	1013.13	29.92	0.770	99.04	210.27	539.33	539.20		
4/19/99 21:15	1013.38	29.92	0.766	99.30	210.74	537.91			
4/19/99 21:30	1013.63	29.93	0.764	99.30	210.74	537.18			
4/19/99 21:45	1013.75	29.94	0.763	99.30	210.74	536.72			
4/19/99 22:00	1013.75	29.94	0.767	99.30	210.74	538.27	538.41		
4/19/99 22:15	1013.75	29.94	0.771	98.78	209.80	539.19			
4/19/99 22:30	1013.88	29.94	0.776	98.52	209.33	540.71			
4/19/99 22:45	1013.88	29.94	0.778	98.78	209.80	541.56			
4/19/99 23:00	1013.88	29.94	0.774	99.04	210.27	540.43	540.21		
4/19/99 23:15	1014.00	29.94	0.771	99.30	210.74	539.71			
4/19/99 23:30	1014.00	29.94	0.768	99.30	210.74	538.62			
4/19/99 23:45	1014.00	29.94	0.766	99.30	210.74	537.96			
4/20/99 0:00	1014.13	29.95	0.766	99.30	210.74	538.59	538.57		
4/20/99 0:15	1014.13	29.95	0.766	99.04	210.27	537.74			
4/20/99 0:30	1014.13	29.95	0.773	98.78	209.80	539.96			
4/20/99 0:45	1014.25	29.95	0.776	98.78	209.80	541.01			
4/20/99 1:00	1014.25	29.95	0.776	98.78	209.80	541.01	540.56		
4/20/99 1:15	1014.38	29.95	0.777	98.78	209.80	541.22			
4/20/99 1:30	1014.25	29.95	0.772	99.04	210.27	539.70			
4/20/99 1:45	1014.25	29.95	0.769	99.30	210.74	538.77			
4/20/99 2:00	1014.25	29.95	0.764	99.30	210.74	537.01	538.45		
4/20/99 2:15	1014.25	29.95	0.768	99.30	210.74	538.35			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/17/99 15:00	1012.13	29.89	0.611	106.88	224.38	485.78	485.67		
4/17/99 15:15	1012.38	29.90	0.614	106.88	224.38	486.99			
4/17/99 15:30	1012.50	29.90	0.614	106.38	223.44	486.35			
4/17/99 15:45	1012.63	29.90	0.618	106.10	222.97	487.89			
4/17/99 16:00	1012.75	29.91	0.621	106.38	223.44	489.02	488.82		
4/17/99 16:15	1012.75	29.91	0.626	105.83	222.50	490.64			
4/17/99 16:30	1012.88	29.91	0.625	105.57	222.03	490.21			
4/17/99 16:45	1013.00	29.91	0.631	105.83	222.50	492.54			
4/17/99 17:00	1013.25	29.92	0.633	105.31	221.56	492.88	492.70		
4/17/99 17:15	1013.38	29.92	0.635	104.79	220.62	493.46			
4/17/99 17:30	1013.63	29.93	0.636	105.57	222.03	494.40			
4/17/99 17:45	1013.75	29.94	0.642	105.31	221.56	496.41			
4/17/99 18:00	1013.88	29.94	0.643	104.79	220.62	496.50	496.70		
4/17/99 18:15	1014.00	29.94	0.646	104.53	220.15	497.26			
4/17/99 18:30	1014.13	29.95	0.650	104.53	220.15	498.92			
4/17/99 18:45	1014.25	29.95	0.653	104.27	219.68	499.66			
4/17/99 19:00	1014.50	29.96	0.655	104.27	219.68	500.57	500.05		
4/17/99 19:15	1014.63	29.96	0.654	103.74	218.74	499.96			
4/17/99 19:30	1014.75	29.97	0.658	103.74	218.74	501.12			
4/17/99 19:45	1014.88	29.97	0.658	103.48	218.27	500.91			
4/17/99 20:00	1015.13	29.98	0.660	103.74	218.74	501.97	501.57		
4/17/99 20:15	1015.38	29.98	0.661	103.74	218.74	502.37			
4/17/99 20:30	1015.63	29.99	0.660	103.22	217.80	501.50			
4/17/99 20:45	1015.88	30.00	0.664	102.44	216.39	502.32			
4/17/99 21:00	1015.88	30.00	0.664	103.74	218.74	503.19	503.10		
4/17/99 21:15	1016.13	30.01	0.667	103.48	218.27	504.17			
4/17/99 21:30	1016.25	30.01	0.669	102.70	216.86	504.29			
4/17/99 21:45	1016.50	30.02	0.664	102.44	216.39	502.43			
4/17/99 22:00	1016.63	30.02	0.671	102.44	218.39	504.97	504.07		
4/17/99 22:15	1016.75	30.02	0.670	102.44	216.39	504.48			
4/17/99 22:30	1016.75	30.02	0.669	102.70	216.86	504.17			
4/17/99 22:45	1017.00	30.03	0.669	102.70	218.86	504.11			
4/17/99 23:00	1017.00	30.03	0.672	102.18	215.92	504.96	504.43		
4/17/99 23:15	1017.00	30.03	0.673	102.18	215.92	505.18			
4/17/99 23:30	1017.13	30.04	0.669	102.18	215.92	503.72			
4/17/99 23:45	1017.25	30.04	0.672	102.18	215.92	504.90			
4/18/99 0:00	1017.25	30.04	0.677	101.65	214.98	506.42	504.73		
4/18/99 0:15	1017.25	30.04	0.671	101.91	215.45	504.46			
4/18/99 0:30	1017.25	30.04	0.669	102.44	216.39	504.13			
4/18/99 0:45	1017.25	30.04	0.673	102.18	215.92	505.12			
4/18/99 1:00	1017.38	30.04	0.674	101.39	214.51	505.01	504.39		
4/18/99 1:15	1017.50	30.05	0.670	101.65	214.98	503.77			
4/18/99 1:30	1017.50	30.05	0.669	102.18	215.92	503.90			
4/18/99 1:45	1017.50	30.05	0.671	101.91	215.45	504.40			
4/18/99 2:00	1017.50	30.05	0.677	101.39	214.51	506.18	505.16		
4/18/99 2:15	1017.38	30.04	0.676	101.39	214.51	505.95			
4/18/99 2:30	1017.38	30.04	0.674	101.91	215.45	505.37			
4/18/99 2:45	1017.25	30.04	0.671	102.18	215.92	504.41			
4/18/99 3:00	1017.25	30.04	0.675	101.65	214.98	505.71	505.41		
4/18/99 3:15	1017.25	30.04	0.678	101.91	215.45	506.82			
4/18/99 3:30	1017.25	30.04	0.672	101.91	215.45	504.72			
4/18/99 3:45	1017.25	30.04	0.671	102.18	215.92	504.41			
4/18/99 4:00	1017.25	30.04	0.670	102.18	215.92	504.18	505.23		
4/18/99 4:15	1017.38	30.04	0.675	101.91	215.45	505.85			
4/18/99 4:30	1017.50	30.05	0.678	101.91	215.45	506.98			
4/18/99 4:45	1017.50	30.05	0.676	101.65	214.98	506.10			
4/18/99 5:00	1017.50	30.05	0.672	102.18	215.92	504.84	505.62		
4/18/99 5:15	1017.63	30.05	0.671	102.44	216.39	504.72			
4/18/99 5:30	1017.63	30.05	0.674	102.18	215.92	505.48			
4/18/99 5:45	1017.63	30.05	0.679	101.39	214.51	506.82			
4/18/99 6:00	1017.75	30.05	0.678	101.39	214.51	506.57	505.69		
4/18/99 6:15	1017.75	30.05	0.673	101.91	215.45	504.82			
4/18/99 6:30	1017.75	30.05	0.672	102.18	215.92	504.77			
4/18/99 6:45	1017.88	30.06	0.671	102.18	215.92	504.25			
4/18/99 7:00	1018.00	30.06	0.678	102.18	215.92	506.81	505.92		
4/18/99 7:15	1018.00	30.06	0.679	101.91	215.45	507.08			
4/18/99 7:30	1018.00	30.06	0.678	101.65	214.98	506.68			
4/18/99 7:45	1018.13	30.07	0.674	102.18	215.92	505.62			
4/18/99 8:00	1018.25	30.07	0.674	102.44	216.39	505.76	505.70		
4/18/99 8:15	1018.38	30.07	0.671	102.70	216.86	504.46			
4/18/99 8:30	1018.38	30.07	0.675	102.44	216.39	505.96			
4/18/99 8:45	1018.38	30.07	0.678	101.91	215.45	506.54			
4/18/99 9:00	1018.38	30.07	0.679	102.44	216.39	507.34	506.31		
4/18/99 9:15	1018.63	30.08	0.677	102.18	215.92	506.43			
4/18/99 9:30	1018.75	30.08	0.673	102.96	217.33	505.28			
4/18/99 9:45	1018.75	30.08	0.669	102.96	217.33	503.85			
4/18/99 10:00	1019.00	30.09	0.673	103.48	218.27	505.79	505.79		
4/18/99 10:15	1019.00	30.09	0.676	103.22	217.80	506.55			
4/18/99 10:30	1018.88	30.09	0.679	102.44	216.39	507.48			
4/18/99 10:45	1019.00	30.09	0.678	103.22	217.80	507.27			
4/18/99 11:00	1019.00	30.09	0.676	103.48	218.27	506.73	506.29		
4/18/99 11:15	1019.13	30.09	0.673	103.74	218.74	505.94			
4/18/99 11:30	1019.13	30.09	0.668	103.74	218.74	504.05			
4/18/99 11:45	1019.13	30.09	0.674	103.74	218.74	506.16			
4/18/99 12:00	1019.00	30.09	0.678	103.48	218.27	507.67	507.09		
4/18/99 12:15	1019.00	30.09	0.683	103.74	218.74	509.49			
4/18/99 12:30	1019.00	30.09	0.679	103.74	218.74	506.07			
4/18/99 12:45	1019.00	30.09	0.676	104.00	219.21	507.08			
4/18/99 13:00	1018.88	30.09	0.672	104.00	219.21	505.72	506.47		
4/18/99 13:15	1018.75	30.08	0.671	104.27	219.68	505.66			
4/18/99 13:30	1018.75	30.08	0.671	104.53	220.15	505.64			
4/18/99 13:45	1018.75	30.08	0.675	104.53	220.15	507.27			
4/18/99 14:00	1018.63	30.08	0.678	104.53	220.15	507.53	507.26		
4/18/99 14:15	1018.50	30.08	0.678	104.53	220.15	508.27			
4/18/99 14:30	1018.38	30.07	0.676	104.27	219.68	507.41			
4/18/99 14:45	1018.38	30.07	0.669	104.27	219.68	505.08			
4/18/99 15:00	1018.25	30.07	0.671	104.79	220.62	506.14	505.85		
4/18/99 15:15	1018.25	30.07	0.667	104.79	220.62	504.51			
4/18/99 15:30	1018.38	30.07	0.671	104.79	220.62	506.11			
4/18/99 15:45	1018.38	30.07	0.673	104.27	219.68	506.25			
4/18/99 16:00	1018.25	30.07	0.675	104.27	219.68	507.22	506.66		
4/18/99 16:15	1018.00	30.06	0.674	104.79	220.62	507.14			
4/18/99 16:30	1017.88	30.06	0.671	105.83	222.50	506.70			
4/18/99 16:45	1017.88	30.06	0.666	105.83	222.50	505.04			
4/18/99 17:00	1018.00	30.06	0.666	106.10	222.97	505.18	505.55		
4/18/99 17:15	1016.00	30.06	0.667	105.83	222.50	505.27			
4/18/99 17:30	1016.00	30.06	0.666	105.57	222.03	505.55			
4/18/99 17:45	1018.13	30.07	0.671	105.57	222.03	506.69			
4/18/99 18:00	1018.25	30.07	0.671	105.57	222.03	506.66	506.33		
4/18/99 18:15	1018.38	30.07	0.673	105.57	222.03	507.12			
4/18/99 18:30	1018.63	30.08	0.669	105.57	222.03	505.63			
4/18/99 18:45	1018.75	30.08	0.665	105.83	222.50	504.37			
4/18/99 19:00	1018.75	30.08	0.661	106.10	222.97	503.10	504.09		
4/18/99 19:15	1018.75	30.08	0.663	105.83	222.50	503.42			
4/18/99 19:30	1018.75	30.08	0.664	105.57	222.03	503.97			
4/18/99 19:45	1018.75	30.08	0.668	105.05	221.09	505.02			
4/18/99 20:00	1019.00	30.09	0.669	104.79	220.62	505.01	504.33		
4/18/99 20:15	1019.13	30.09	0.668	105.05	221.09	504.93			
4/18/99 20:30	1019.38	30.10	0.663	105.05	221.09	502.74			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/16/99 9:15	997.38	29.45	0.696	97.47	207.45	515.78			
4/16/99 9:30	997.25	29.45	0.697	97.47	207.45	516.07			
4/16/99 9:45	997.63	29.46	0.696	97.73	207.92	515.90			
4/16/99 10:00	997.63	29.46	0.691	97.73	207.92	514.04	515.01		
4/16/99 10:15	997.63	29.46	0.693	98.00	208.39	514.71			
4/16/99 10:30	997.75	29.46	0.691	96.52	209.33	514.33			
4/16/99 10:45	998.00	29.47	0.688	96.52	209.33	513.11			
4/16/99 11:00	998.13	29.47	0.688	98.52	209.33	513.08	513.21		
4/16/99 11:15	998.38	29.48	0.686	98.52	209.33	512.53			
4/16/99 11:30	998.38	29.48	0.688	98.52	209.33	513.01			
4/16/99 11:45	998.50	29.49	0.686	98.52	209.33	512.50			
4/16/99 12:00	998.63	29.49	0.687	98.52	209.33	512.73	513.35		
4/16/99 12:15	998.63	29.49	0.690	98.52	209.33	513.68			
4/16/99 12:30	998.63	29.49	0.693	98.26	208.86	514.63			
4/16/99 12:45	998.63	29.49	0.696	98.26	208.86	515.76			
4/16/99 13:00	998.88	29.50	0.695	97.73	207.92	515.13	515.73		
4/16/99 13:15	999.00	29.50	0.698	98.52	209.33	516.57			
4/16/99 13:30	999.25	29.51	0.698	98.26	208.86	516.54			
4/16/99 13:45	999.38	29.51	0.698	98.26	208.86	516.51			
4/16/99 14:00	999.50	29.52	0.696	98.26	208.86	515.55	515.71		
4/16/99 14:15	999.63	29.52	0.694	98.52	209.33	515.00			
4/16/99 14:30	999.75	29.52	0.693	98.78	209.80	514.92			
4/16/99 14:45	999.88	29.53	0.691	98.78	209.80	514.19			
4/16/99 15:00	1000.13	29.53	0.688	98.78	209.80	512.74	513.30		
4/16/99 15:15	1000.25	29.54	0.686	98.78	209.80	512.00			
4/16/99 15:30	1000.50	29.54	0.688	98.78	209.80	512.65			
4/16/99 15:45	1000.50	29.54	0.686	99.04	210.27	512.83			
4/16/99 16:00	1000.63	29.55	0.687	99.04	210.27	512.57	512.56		
4/16/99 16:15	1000.75	29.55	0.686	99.04	210.27	512.05			
4/16/99 16:30	1001.00	29.56	0.688	99.04	210.27	512.70			
4/16/99 16:45	1001.13	29.56	0.693	98.78	209.80	514.35			
4/16/99 17:00	1001.50	29.57	0.696	98.52	209.33	515.22	514.62		
4/16/99 17:15	1001.75	29.58	0.695	98.26	208.86	514.75			
4/16/99 17:30	1001.88	29.59	0.699	98.26	208.86	516.09			
4/16/99 17:45	1002.25	29.60	0.698	98.26	208.86	515.77			
4/16/99 18:00	1002.50	29.60	0.696	98.26	208.86	515.00	515.32		
4/16/99 18:15	1002.88	29.61	0.698	98.26	208.86	515.39			
4/16/99 18:30	1003.13	29.62	0.694	98.52	209.33	514.36			
4/16/99 18:45	1003.25	29.63	0.690	98.52	209.33	512.69			
4/16/99 19:00	1003.50	29.63	0.691	98.78	209.80	513.03	512.87		
4/16/99 19:15	1003.88	29.64	0.689	98.78	209.80	512.49			
4/16/99 19:30	1004.00	29.65	0.688	98.78	209.80	511.75			
4/16/99 19:45	1004.25	29.66	0.689	98.78	209.80	512.14			
4/16/99 20:00	1004.50	29.66	0.687	98.78	209.80	511.40	511.72		
4/16/99 20:15	1004.75	29.67	0.686	98.78	209.80	511.08			
4/16/99 20:30	1005.00	29.68	0.689	98.78	209.80	512.21			
4/16/99 20:45	1005.25	29.69	0.689	98.52	209.33	511.70			
4/16/99 21:00	1005.50	29.69	0.694	98.26	208.86	513.57	513.36		
4/16/99 21:15	1005.63	29.70	0.698	98.00	208.39	514.50			
4/16/99 21:30	1006.00	29.71	0.699	97.73	207.92	514.93			
4/16/99 21:45	1006.13	29.71	0.698	97.73	207.92	514.19			
4/16/99 22:00	1006.25	29.71	0.699	97.73	207.92	514.86	514.44		
4/16/99 22:15	1006.50	29.72	0.699	98.00	208.39	514.72			
4/16/99 22:30	1006.63	29.73	0.695	98.26	208.86	513.51			
4/16/99 22:45	1006.75	29.73	0.690	98.52	209.33	511.80			
4/16/99 23:00	1006.88	29.73	0.689	98.78	209.80	511.47	511.59		
4/16/99 23:15	1006.88	29.73	0.688	98.52	209.33	511.07			
4/16/99 23:30	1007.00	29.74	0.688	98.52	209.33	510.11			
4/16/99 23:45	1007.00	29.74	0.683	98.78	209.80	509.35			
4/17/99 0:00	1007.13	29.74	0.683	98.78	209.80	509.10	509.62		
4/17/99 0:15	1007.25	29.74	0.685	98.78	209.80	510.00			
4/17/99 0:30	1007.25	29.74	0.687	96.52	209.33	510.53			
4/17/99 0:45	1007.38	29.75	0.686	98.52	209.33	510.01			
4/17/99 1:00	1007.38	29.75	0.685	98.52	209.33	509.79	509.03		
4/17/99 1:15	1007.50	29.75	0.681	98.78	209.80	508.29			
4/17/99 1:30	1007.50	29.75	0.675	99.30	210.74	506.55			
4/17/99 1:45	1007.50	29.75	0.673	99.30	210.74	505.61			
4/17/99 2:00	1007.50	29.75	0.676	99.30	210.74	506.78	506.51		
4/17/99 2:15	1007.63	29.76	0.678	99.04	210.27	507.28			
4/17/99 2:30	1007.63	29.76	0.674	99.30	210.74	506.30			
4/17/99 2:45	1007.63	29.76	0.670	99.56	211.21	504.82			
4/17/99 3:00	1007.63	29.76	0.673	99.56	211.21	505.76	505.63		
4/17/99 3:15	1007.75	29.76	0.675	99.30	210.74	506.49			
4/17/99 3:30	1007.75	29.76	0.670	99.56	211.21	504.79			
4/17/99 3:45	1007.75	29.76	0.666	100.09	212.15	503.71			
4/17/99 4:00	1007.88	29.76	0.670	99.82	211.68	504.93	503.99		
4/17/99 4:15	1007.88	29.76	0.666	99.82	211.68	503.50			
4/17/99 4:30	1007.88	29.76	0.664	100.09	212.15	503.00			
4/17/99 4:45	1007.88	29.76	0.669	99.82	211.68	504.71			
4/17/99 5:00	1007.88	29.76	0.669	99.56	211.21	504.53	504.02		
4/17/99 5:15	1007.88	29.76	0.666	100.09	212.15	503.45			
4/17/99 5:30	1007.88	29.76	0.668	100.09	212.15	504.39			
4/17/99 5:45	1007.88	29.76	0.668	99.56	211.21	504.04			
4/17/99 6:00	1007.88	29.76	0.665	99.82	211.68	503.05	503.64		
4/17/99 6:15	1007.88	29.76	0.666	100.09	212.15	503.45			
4/17/99 6:30	1008.00	29.77	0.666	99.56	211.21	503.29			
4/17/99 6:45	1008.00	29.77	0.670	99.56	211.21	504.73			
4/17/99 7:00	1008.13	29.77	0.666	100.09	212.15	503.39	504.17		
4/17/99 7:15	1008.25	29.77	0.668	99.82	211.68	503.90			
4/17/99 7:30	1008.50	29.78	0.673	99.56	211.21	505.54			
4/17/99 7:45	1008.63	29.78	0.669	99.56	211.21	504.34			
4/17/99 8:00	1008.75	29.79	0.669	100.09	212.15	504.40	505.29		
4/17/99 8:15	1008.88	29.79	0.673	100.09	212.15	505.80			
4/17/99 8:30	1009.00	29.80	0.675	99.56	211.21	506.35			
4/17/99 8:45	1009.00	29.80	0.670	99.82	211.68	504.65			
4/17/99 9:00	1008.88	29.79	0.666	100.09	212.15	503.43	504.88		
4/17/99 9:15	1009.00	29.80	0.669	100.09	212.15	504.60			
4/17/99 9:30	1009.13	29.80	0.673	99.56	211.21	505.38			
4/17/99 9:45	1009.25	29.80	0.669	99.82	211.68	504.10			
4/17/99 10:00	1009.38	29.81	0.666	100.35	212.62	503.25	503.90		
4/17/99 10:15	1009.50	29.81	0.667	100.09	212.15	503.54			
4/17/99 10:30	1009.63	29.81	0.666	100.09	212.15	503.24			
4/17/99 10:45	1009.75	29.82	0.661	100.87	213.56	501.84			
4/17/99 11:00	1010.00	29.83	0.658	100.87	213.56	500.60	500.57		
4/17/99 11:15	1010.13	29.83	0.656	101.13	214.04	500.02			
4/17/99 11:30	1010.38	29.84	0.648	101.91	215.45	497.16			
4/17/99 11:45	1010.83	29.84	0.641	102.70	216.86	494.95			
4/17/99 12:00	1010.75	29.85	0.633	103.48	218.27	492.53	492.97		
4/17/99 12:15	1010.75	29.85	0.628	104.00	219.21	490.89			
4/17/99 12:30	1010.88	29.85	0.624	104.53	220.15	489.51			
4/17/99 12:45	1011.00	29.85	0.619	105.05	221.09	488.12			
4/17/99 13:00	1011.00	29.85	0.617	105.05	221.09	487.14	488.03		
4/17/99 13:15	1011.13	29.86	0.618	105.31	221.56	487.75			
4/17/99 13:30	1011.38	29.87	0.618	105.57	222.03	487.62			
4/17/99 13:45	1011.50	29.87	0.614	105.57	222.03	486.37			
4/17/99 14:00	1011.63	29.87	0.611	106.10	222.97	485.16	485.79		
4/17/99 14:15	1011.75	29.88	0.611	106.10	222.97	485.37			
4/17/99 14:30	1012.00	29.88	0.608	106.62	223.91	484.41			
4/17/99 14:45	1012.00	29.88	0.609	106.88	224.38	484.82			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/15/99 3:30	1007.75	29.76	0.719	99.82	211.68	523.03			
4/15/99 3:45	1007.38	29.75	0.719	100.09	212.15	523.53			
4/15/99 4:00	1007.25	29.74	0.721	99.30	210.74	523.45	524.37		
4/15/99 4:15	1007.25	29.74	0.727	99.04	210.27	525.55			
4/15/99 4:30	1007.25	29.74	0.729	98.78	209.80	526.27			
4/15/99 4:45	1007.13	29.74	0.729	98.78	209.80	526.05			
4/15/99 5:00	1006.88	29.73	0.725	98.52	209.33	524.59	525.42		
4/15/99 5:15	1006.25	29.71	0.726	98.52	209.33	524.97			
4/15/99 5:30	1006.00	29.71	0.726	98.78	209.80	525.22			
4/15/99 5:45	1005.63	29.70	0.721	98.78	209.80	523.50			
4/15/99 6:00	1005.50	29.69	0.719	99.04	210.27	523.07	523.16		
4/15/99 6:15	1005.25	29.69	0.717	99.04	210.27	522.44			
4/15/99 6:30	1005.13	29.68	0.714	99.04	210.27	521.56			
4/15/99 6:45	1004.63	29.67	0.713	99.04	210.27	521.22			
4/15/99 7:00	1004.38	29.66	0.713	98.78	209.80	521.10	520.84		
4/15/99 7:15	1004.25	29.66	0.711	98.78	209.80	520.22			
4/15/99 7:30	1004.63	29.67	0.711	98.78	209.80	520.12			
4/15/99 7:45	1005.00	29.68	0.711	98.78	209.80	520.24			
4/15/99 8:00	1004.75	29.67	0.708	98.78	209.80	519.17	522.31		
4/15/99 8:15	1004.38	29.66	0.716	98.78	209.80	522.01			
4/15/99 8:30	1004.00	29.65	0.740	97.47	207.45	530.00			
4/15/99 8:45	1003.38	29.63	0.724	96.95	206.51	523.93			
4/15/99 9:00	1003.00	29.62	0.721	98.00	208.39	523.64	524.60		
4/15/99 9:15	1002.63	29.61	0.717	98.26	208.86	522.57			
4/15/99 9:30	1002.25	29.60	0.717	98.52	209.33	522.65			
4/15/99 9:45	1001.88	29.59	0.715	98.52	209.33	522.28			
4/15/99 10:00	1001.50	29.57	0.714	98.52	209.33	522.14	521.86		
4/15/99 10:15	1001.13	29.56	0.714	98.78	209.80	522.16			
4/15/99 10:30	1001.00	29.56	0.707	99.04	210.27	519.88			
4/15/99 10:45	1000.75	29.55	0.707	99.04	210.27	519.95			
4/15/99 11:00	1000.50	29.54	0.704	99.04	210.27	518.83	519.46		
4/15/99 11:15	1000.38	29.54	0.706	99.04	210.27	519.79			
4/15/99 11:30	1000.25	29.54	0.703	99.30	210.74	518.86			
4/15/99 11:45	1000.13	29.53	0.704	99.30	210.74	519.11			
4/15/99 12:00	1000.00	29.53	0.704	99.30	210.74	519.40	519.14		
4/15/99 12:15	999.63	29.52	0.704	99.30	210.74	519.24			
4/15/99 12:30	999.25	29.51	0.703	99.56	211.21	519.08			
4/15/99 12:45	999.13	29.50	0.706	99.82	211.68	520.66			
4/15/99 13:00	999.00	29.50	0.710	98.78	209.80	521.36	520.83		
4/15/99 13:15	998.75	29.49	0.708	98.26	208.86	520.36			
4/15/99 13:30	998.50	29.49	0.714	98.52	209.33	522.66			
4/15/99 13:45	998.25	29.48	0.713	98.78	209.80	522.47			
4/15/99 14:00	998.13	29.47	0.745	97.47	207.45	533.35	524.24		
4/15/99 14:15	998.00	29.47	0.711	99.04	210.27	522.25			
4/15/99 14:30	997.63	29.46	0.706	99.30	210.74	520.47			
4/15/99 14:45	997.38	29.45	0.701	99.04	210.27	518.72			
4/15/99 15:00	997.00	29.44	0.699	99.30	210.74	518.34	518.64		
4/15/99 15:15	996.75	29.43	0.698	99.30	210.74	517.92			
4/15/99 15:30	996.50	29.43	0.698	99.30	210.74	517.76			
4/15/99 15:45	996.38	29.42	0.698	99.30	210.74	517.79			
4/15/99 16:00	996.00	29.41	0.696	100.09	212.15	517.73	517.97		
4/15/99 16:15	995.75	29.40	0.699	100.09	212.15	518.95			
4/15/99 16:30	995.50	29.40	0.695	100.09	212.15	517.84			
4/15/99 16:45	995.38	29.39	0.694	100.09	212.15	517.18			
4/15/99 17:00	995.38	29.39	0.700	99.56	211.21	519.16	519.16		
4/15/99 17:15	995.25	29.39	0.705	99.30	210.74	520.86			
4/15/99 17:30	995.13	29.39	0.706	99.04	210.27	520.94			
4/15/99 17:45	995.00	29.38	0.706	99.04	210.27	521.89			
4/15/99 18:00	995.00	29.38	0.708	98.78	209.80	521.49	521.14		
4/15/99 18:15	995.13	29.39	0.705	99.04	210.27	520.71			
4/15/99 18:30	995.25	29.39	0.705	99.04	210.27	520.68			
4/15/99 18:45	995.38	29.39	0.705	99.30	210.74	520.83			
4/15/99 19:00	995.50	29.40	0.701	99.56	211.21	519.35	519.84		
4/15/99 19:15	995.38	29.39	0.699	100.09	212.15	519.04			
4/15/99 19:30	995.38	29.39	0.699	100.09	212.15	519.30			
4/15/99 19:45	995.38	29.39	0.696	100.09	212.15	518.12			
4/15/99 20:00	995.38	29.39	0.693	100.61	213.09	517.32	517.81		
4/15/99 20:15	995.50	29.40	0.693	100.61	213.09	517.29			
4/15/99 20:30	995.50	29.40	0.692	100.87	213.56	517.02			
4/15/99 20:45	995.50	29.40	0.691	100.87	213.56	516.76			
4/15/99 21:00	995.50	29.40	0.694	100.87	213.56	517.69	517.89		
4/15/99 21:15	995.63	29.40	0.698	100.61	213.09	519.12			
4/15/99 21:30	995.88	29.41	0.698	100.35	212.62	518.87			
4/15/99 21:45	996.25	29.42	0.699	100.09	212.15	518.82			
4/15/99 22:00	996.38	29.42	0.698	100.09	212.15	518.34	517.69		
4/15/99 22:15	996.63	29.43	0.693	100.35	212.62	516.82			
4/15/99 22:30	996.75	29.43	0.690	100.35	212.62	515.63			
4/15/99 22:45	996.75	29.43	0.691	100.35	212.62	516.08			
4/15/99 23:00	996.75	29.43	0.691	100.61	213.09	516.26	516.00		
4/15/99 23:15	996.88	29.44	0.689	100.09	212.15	515.19			
4/15/99 23:30	997.00	29.44	0.694	99.82	211.68	516.84			
4/15/99 23:45	997.13	29.45	0.701	100.09	212.15	519.52			
4/16/99 0:00	997.25	29.45	0.704	99.82	211.68	520.23	519.39		
4/16/99 0:15	997.25	29.45	0.703	99.56	211.21	519.82			
4/16/99 0:30	997.38	29.45	0.706	99.30	210.74	520.53			
4/16/99 0:45	997.50	29.46	0.705	99.30	210.74	520.28			
4/16/99 1:00	997.63	29.46	0.703	99.30	210.74	519.54	519.07		
4/16/99 1:15	997.75	29.46	0.699	99.30	210.74	517.88			
4/16/99 1:30	997.75	29.46	0.696	99.56	211.21	517.14			
4/16/99 1:45	997.88	29.47	0.693	99.56	211.21	515.95			
4/16/99 2:00	998.00	29.47	0.696	100.09	212.15	517.43	516.30		
4/16/99 2:15	997.88	29.47	0.691	99.56	211.21	515.24			
4/16/99 2:30	997.75	29.46	0.693	99.56	211.21	515.76			
4/16/99 2:45	997.88	29.47	0.693	99.30	210.74	515.55			
4/16/99 3:00	998.00	29.47	0.693	99.30	210.74	515.51	515.47		
4/16/99 3:15	997.75	29.46	0.693	99.30	210.74	515.80			
4/16/99 3:30	997.75	29.46	0.691	98.78	209.80	514.73			
4/16/99 3:45	997.75	29.46	0.696	98.78	209.80	516.59			
4/16/99 4:00	997.88	29.47	0.699	99.04	210.27	517.93	517.09		
4/16/99 4:15	998.00	29.47	0.703	98.26	208.86	518.49			
4/16/99 4:30	997.75	29.46	0.701	97.73	207.92	517.72			
4/16/99 4:45	997.75	29.46	0.701	98.00	208.39	517.68			
4/16/99 5:00	997.63	29.46	0.701	98.00	208.39	517.93	517.37		
4/16/99 5:15	997.50	29.46	0.699	98.26	208.86	517.46			
4/16/99 5:30	997.63	29.46	0.696	98.26	208.86	516.04			
4/16/99 5:45	997.38	29.45	0.694	98.26	208.86	515.40			
4/16/99 6:00	997.50	29.46	0.691	98.52	209.33	514.39	514.63		
4/16/99 6:15	997.38	29.45	0.690	98.26	208.86	514.02			
4/16/99 6:30	997.38	29.45	0.688	98.26	208.86	513.31			
4/16/99 6:45	997.38	29.45	0.688	98.52	209.33	513.27			
4/16/99 7:00	997.38	29.45	0.689	98.26	208.86	513.80	513.27		
4/16/99 7:15	997.25	29.45	0.689	98.26	208.86	513.57			
4/16/99 7:30	997.25	29.45	0.686	98.26	208.86	512.41			
4/16/99 7:45	997.38	29.45	0.689	98.52	209.33	513.72			
4/16/99 8:00	997.38	29.45	0.691	98.00	208.39	514.06	514.43		
4/16/99 8:15	997.50	29.46	0.695	97.73	207.92	515.49			
4/16/99 8:30	997.36	29.45	0.698	97.47	207.45	516.48			
4/16/99 8:45	997.38	29.45	0.699	97.47	207.45	516.71			
4/16/99 9:00	997.50	29.46	0.697	97.47	207.45	516.01	516.21		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/13/99 21:45	1018.63	30.08	0.735	95.90	204.63	523.29			
4/13/99 22:00	1018.75	30.08	0.736	95.64	204.16	523.29	523.81		
4/13/99 22:15	1018.63	30.08	0.739	95.38	203.69	524.48			
4/13/99 22:30	1018.88	30.09	0.742	94.88	202.75	524.93			
4/13/99 22:45	1018.75	30.08	0.744	94.34	201.81	525.23			
4/13/99 23:00	1018.75	30.08	0.744	94.08	201.34	525.04	525.22		
4/13/99 23:15	1018.63	30.08	0.746	93.81	200.87	525.77			
4/13/99 23:30	1018.75	30.08	0.744	93.81	200.87	525.10			
4/13/99 23:45	1018.75	30.08	0.743	93.81	200.87	524.43			
4/14/99 0:00	1018.88	30.09	0.740	93.81	200.87	523.52	523.70		
4/14/99 0:15	1018.88	30.09	0.738	95.12	203.22	523.56			
4/14/99 0:30	1019.00	30.09	0.734	94.34	201.81	521.87			
4/14/99 0:45	1018.88	30.09	0.734	94.08	201.34	521.47			
4/14/99 1:00	1018.75	30.08	0.733	93.81	200.87	521.10	521.10		
4/14/99 1:15	1018.63	30.08	0.732	93.81	200.87	520.71			
4/14/99 1:30	1018.38	30.07	0.731	93.55	200.40	520.34			
4/14/99 1:45	1018.38	30.07	0.732	93.55	200.40	520.59			
4/14/99 2:00	1018.25	30.07	0.735	93.55	200.40	521.72	521.48		
4/14/99 2:15	1018.25	30.07	0.738	92.77	198.98	522.05			
4/14/99 2:30	1018.38	30.07	0.740	92.51	198.51	522.71			
4/14/99 2:45	1018.38	30.07	0.742	92.51	198.51	523.38			
4/14/99 3:00	1018.38	30.07	0.741	91.99	197.57	522.55	522.74		
4/14/99 3:15	1018.38	30.07	0.741	92.25	198.04	522.95			
4/14/99 3:30	1018.38	30.07	0.739	91.99	197.57	522.13			
4/14/99 3:45	1018.25	30.07	0.731	92.25	198.04	519.44			
4/14/99 4:00	1018.25	30.07	0.729	92.51	198.51	518.99	520.38		
4/14/99 4:15	1018.25	30.07	0.729	92.51	198.51	518.74			
4/14/99 4:30	1018.25	30.07	0.734	95.12	203.22	522.62			
4/14/99 4:45	1018.38	30.07	0.734	95.38	203.69	522.52			
4/14/99 5:00	1018.25	30.07	0.731	95.38	203.69	521.66	522.26		
4/14/99 5:15	1018.25	30.07	0.734	95.38	203.69	522.56			
4/14/99 5:30	1018.25	30.07	0.732	95.38	203.69	521.91			
4/14/99 5:45	1018.50	30.08	0.731	95.38	203.69	521.60			
4/14/99 6:00	1018.38	30.07	0.739	95.12	203.22	524.11	523.14		
4/14/99 6:15	1018.50	30.08	0.740	93.55	200.40	523.43			
4/14/99 6:30	1018.50	30.08	0.742	94.34	201.81	524.66			
4/14/99 6:45	1018.50	30.08	0.744	94.60	202.28	525.73			
4/14/99 7:00	1018.63	30.08	0.745	94.60	202.28	525.91	525.36		
4/14/99 7:15	1018.88	30.09	0.746	94.86	202.75	526.24			
4/14/99 7:30	1018.88	30.09	0.740	94.88	202.75	524.26			
4/14/99 7:45	1019.00	30.09	0.737	94.86	202.75	523.13			
4/14/99 8:00	1019.00	30.09	0.735	95.12	203.22	522.64	522.45		
4/14/99 8:15	1019.00	30.09	0.731	94.60	202.28	520.70			
4/14/99 8:30	1019.13	30.09	0.732	95.12	203.22	521.50			
4/14/99 8:45	1019.38	30.10	0.763	93.81	200.87	531.29			
4/14/99 9:00	1019.50	30.11	0.731	95.64	204.16	521.32	523.72		
4/14/99 9:15	1019.50	30.11	0.731	96.43	205.57	521.87			
4/14/99 9:30	1019.50	30.11	0.731	97.21	206.98	522.64			
4/14/99 9:45	1019.63	30.11	0.734	97.73	207.92	523.87			
4/14/99 10:00	1019.75	30.11	0.736	98.00	208.39	524.91	525.55		
4/14/99 10:15	1019.75	30.11	0.743	97.73	207.92	527.18			
4/14/99 10:30	1019.63	30.11	0.748	98.26	208.86	529.14			
4/14/99 10:45	1019.50	30.11	0.748	98.52	209.33	529.36			
4/14/99 11:00	1019.38	30.10	0.748	98.78	209.80	529.58	529.87		
4/14/99 11:15	1019.13	30.09	0.751	99.04	210.27	531.14			
4/14/99 11:30	1018.75	30.08	0.748	99.30	210.74	530.11			
4/14/99 11:45	1018.75	30.08	0.746	99.82	211.68	529.61			
4/14/99 12:00	1018.63	30.08	0.740	100.35	212.62	528.22	529.29		
4/14/99 12:15	1018.50	30.08	0.741	100.87	213.56	529.05			
4/14/99 12:30	1018.38	30.07	0.741	101.13	214.04	529.27			
4/14/99 12:45	1018.13	30.07	0.740	101.13	214.04	528.90			
4/14/99 13:00	1017.75	30.05	0.738	101.13	214.04	528.10	528.41		
4/14/99 13:15	1017.63	30.05	0.737	101.39	214.51	528.11			
4/14/99 13:30	1017.50	30.05	0.736	101.39	214.51	527.67			
4/14/99 13:45	1017.25	30.04	0.736	102.18	215.92	529.19			
4/14/99 14:00	1016.88	30.03	0.739	102.18	215.92	529.75	531.01		
4/14/99 14:15	1016.75	30.02	0.736	101.91	215.45	528.45			
4/14/99 14:30	1016.50	30.02	0.771	100.61	213.09	539.99			
4/14/99 14:45	1016.13	30.01	0.749	100.61	213.09	532.15			
4/14/99 15:00	1015.75	30.00	0.746	101.13	214.04	531.52	533.24		
4/14/99 15:15	1015.25	29.98	0.746	101.39	214.51	531.64			
4/14/99 15:30	1014.63	29.96	0.742	101.39	214.51	530.88			
4/14/99 15:45	1014.38	29.95	0.744	101.39	214.51	531.39			
4/14/99 16:00	1014.13	29.95	0.745	101.39	214.51	531.92	531.33		
4/14/99 16:15	1014.13	29.95	0.743	101.39	214.51	531.24			
4/14/99 16:30	1014.00	29.94	0.743	101.91	215.45	531.43			
4/14/99 16:45	1013.88	29.94	0.739	102.18	215.92	530.28			
4/14/99 17:00	1013.66	29.94	0.735	102.44	216.39	529.14	529.89		
4/14/99 17:15	1014.13	29.95	0.738	102.18	215.92	529.79			
4/14/99 17:30	1014.25	29.95	0.734	102.44	216.39	528.62			
4/14/99 17:45	1014.25	29.95	0.735	102.16	215.92	526.65			
4/14/99 18:00	1014.00	29.94	0.733	102.18	215.92	528.02	528.29		
4/14/99 18:15	1013.88	29.94	0.732	102.18	215.92	527.64			
4/14/99 18:30	1013.63	29.93	0.732	102.18	215.92	527.90			
4/14/99 18:45	1013.63	29.93	0.732	102.18	215.92	527.90			
4/14/99 19:00	1013.38	29.92	0.732	102.18	215.92	527.97	528.56		
4/14/99 19:15	1013.25	29.92	0.738	101.65	214.98	529.66			
4/14/99 19:30	1013.00	29.91	0.738	100.87	213.56	529.16			
4/14/99 19:45	1012.88	29.91	0.739	100.09	212.15	529.32			
4/14/99 20:00	1012.88	29.91	0.738	99.30	210.74	528.29	528.81		
4/14/99 20:15	1013.13	29.92	0.743	99.04	210.27	529.62			
4/14/99 20:30	1013.13	29.92	0.738	98.52	209.33	527.67			
4/14/99 20:45	1013.00	29.91	0.736	98.26	208.86	526.63			
4/14/99 21:00	1013.25	29.92	0.734	98.26	208.86	525.86	525.91		
4/14/99 21:15	1013.13	29.92	0.730	98.26	208.86	524.59			
4/14/99 21:30	1013.13	29.92	0.730	98.52	209.33	524.77			
4/14/99 21:45	1013.00	29.91	0.724	98.52	209.33	522.53			
4/14/99 22:00	1012.88	29.91	0.726	98.78	209.80	523.43	523.83		
4/14/99 22:15	1012.88	29.91	0.727	99.04	210.27	524.09			
4/14/99 22:30	1012.83	29.90	0.727	99.30	210.74	524.34			
4/14/99 22:45	1012.25	29.89	0.725	99.56	211.21	523.93			
4/14/99 23:00	1012.00	29.88	0.726	100.35	212.82	524.78	524.70		
4/14/99 23:15	1011.63	29.87	0.724	100.87	213.58	524.79			
4/14/99 23:30	1011.63	29.87	0.727	100.87	213.58	525.70			
4/14/99 23:45	1011.36	29.87	0.730	100.81	213.09	528.70			
4/15/99 0:00	1011.13	29.86	0.733	100.09	212.15	527.30	526.98		
4/15/99 0:15	1010.88	29.85	0.738	99.30	210.74	528.60			
4/15/99 0:30	1010.88	29.85	0.733	99.04	210.27	528.62			
4/15/99 0:45	1010.75	29.85	0.731	99.04	210.27	525.97			
4/15/99 1:00	1010.50	29.84	0.731	99.04	210.27	526.25	526.28		
4/15/99 1:15	1010.50	29.84	0.733	99.30	210.74	527.12			
4/15/99 1:30	1010.50	29.84	0.728	99.30	210.74	525.32			
4/15/99 1:45	1010.00	29.83	0.724	99.30	210.74	524.11			
4/15/99 2:00	1009.75	29.82	0.721	99.30	210.74	522.80	523.61		
4/15/99 2:15	1009.50	29.81	0.721	99.30	210.74	522.87			
4/15/99 2:30	1009.13	29.80	0.720	99.56	211.21	522.93			
4/15/99 2:45	1008.88	29.79	0.718	99.30	210.74	522.12			
4/15/99 3:00	1008.75	29.79	0.717	99.30	210.74	521.72	522.50		
4/15/99 3:15	1008.38	29.78	0.719	99.30	210.74	522.72			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/12/99 18:00	1023.13	30.21	0.770	107.14	224.85	542.50	541.99		
4/12/99 18:15	1023.13	30.21	0.788	107.14	224.85	541.83			
4/12/99 18:30	1022.88	30.21	0.789	107.40	225.32	542.29			
4/12/99 18:45	1022.88	30.21	0.770	107.88	225.79	542.94			
4/12/99 17:00	1022.88	30.21	0.763	108.19	226.73	540.87	541.35		
4/12/99 17:15	1022.88	30.21	0.761	108.19	226.73	540.20			
4/12/99 17:30	1022.88	30.21	0.782	108.19	226.73	540.44			
4/12/99 17:45	1022.88	30.21	0.761	108.45	227.20	540.38			
4/12/99 18:00	1022.75	30.20	0.759	108.19	226.73	539.34	539.68		
4/12/99 18:15	1022.75	30.20	0.758	108.19	226.73	538.91			
4/12/99 18:30	1022.75	30.20	0.759	108.19	226.73	539.34			
4/12/99 18:45	1022.75	30.20	0.757	108.19	226.73	538.70			
4/12/99 19:00	1022.75	30.20	0.756	108.19	226.73	538.24	539.18		
4/12/99 19:15	1022.75	30.20	0.781	107.88	225.79	539.65			
4/12/99 19:30	1022.75	30.20	0.763	106.88	224.38	539.97			
4/12/99 19:45	1022.75	30.20	0.788	106.62	223.91	541.55			
4/12/99 20:00	1022.63	30.20	0.766	106.10	222.97	540.55	540.38		
4/12/99 20:15	1022.75	30.20	0.765	105.83	222.50	539.90			
4/12/99 20:30	1022.75	30.20	0.766	105.57	222.03	539.93			
4/12/99 20:45	1022.88	30.21	0.764	105.31	221.56	539.29			
4/12/99 21:00	1023.00	30.21	0.761	104.79	220.62	537.75	537.68		
4/12/99 21:15	1023.25	30.22	0.757	104.79	220.62	536.17			
4/12/99 21:30	1023.25	30.22	0.754	104.79	220.62	535.28			
4/12/99 21:45	1023.50	30.22	0.754	104.53	220.15	534.78			
4/12/99 22:00	1023.50	30.22	0.754	104.53	220.15	534.78	534.59		
4/12/99 22:15	1023.50	30.22	0.752	104.27	219.68	533.96			
4/12/99 22:30	1023.50	30.22	0.753	104.27	219.68	534.17			
4/12/99 22:45	1023.50	30.22	0.750	104.00	219.21	533.10			
4/12/99 23:00	1023.38	30.22	0.751	104.00	219.21	533.34	533.84		
4/12/99 23:15	1023.25	30.22	0.751	104.00	219.21	533.59			
4/12/99 23:30	1023.25	30.22	0.756	103.48	218.27	534.99			
4/12/99 23:45	1023.25	30.22	0.759	102.96	217.33	535.75			
4/13/99 0:00	1023.25	30.22	0.761	103.22	217.80	536.36	535.70		
4/13/99 0:15	1023.25	30.22	0.760	102.18	215.92	535.40			
4/13/99 0:30	1023.25	30.22	0.761	102.70	216.86	535.99			
4/13/99 0:45	1023.13	30.21	0.759	102.70	216.86	535.60			
4/13/99 1:00	1023.13	30.21	0.757	102.70	216.86	534.71	534.58		
4/13/99 1:15	1023.13	30.21	0.754	102.70	216.86	533.58			
4/13/99 1:30	1023.25	30.22	0.751	103.48	218.27	533.01			
4/13/99 1:45	1023.25	30.22	0.751	102.70	216.86	532.45			
4/13/99 2:00	1023.25	30.22	0.749	103.22	217.80	532.15	532.15		
4/13/99 2:15	1023.25	30.22	0.747	102.96	217.33	531.32			
4/13/99 2:30	1023.13	30.21	0.749	102.70	216.86	531.81			
4/13/99 2:45	1023.00	30.21	0.748	102.96	217.33	531.60			
4/13/99 3:00	1022.88	30.21	0.745	102.96	217.33	530.74	532.02		
4/13/99 3:15	1022.75	30.20	0.747	103.48	218.27	531.82			
4/13/99 3:30	1022.88	30.21	0.755	102.70	216.86	534.11			
4/13/99 3:45	1023.00	30.21	0.756	102.44	216.39	534.10			
4/13/99 4:00	1023.13	30.21	0.758	101.91	215.45	534.58	534.46		
4/13/99 4:15	1023.13	30.21	0.758	102.18	215.92	534.77			
4/13/99 4:30	1023.13	30.21	0.758	102.18	215.92	534.77			
4/13/99 4:45	1023.00	30.21	0.759	101.65	214.98	534.88			
4/13/99 5:00	1022.88	30.21	0.756	101.65	214.98	533.79	533.88		
4/13/99 5:15	1023.13	30.21	0.753	101.65	214.98	532.63			
4/13/99 5:30	1023.25	30.22	0.752	101.91	215.45	532.38			
4/13/99 5:45	1023.13	30.21	0.748	101.91	215.45	531.04			
4/13/99 6:00	1023.25	30.22	0.746	101.65	214.98	530.15	530.67		
4/13/99 6:15	1023.38	30.22	0.746	101.65	214.98	530.12			
4/13/99 6:30	1023.50	30.22	0.745	101.65	214.98	529.66			
4/13/99 6:45	1023.50	30.22	0.746	101.39	214.51	529.69			
4/13/99 7:00	1023.63	30.23	0.749	101.91	215.45	531.13	530.44		
4/13/99 7:15	1023.63	30.23	0.745	102.70	216.88	530.38			
4/13/99 7:30	1023.75	30.23	0.749	101.91	215.45	531.34			
4/13/99 7:45	1023.88	30.23	0.754	101.39	214.51	532.46			
4/13/99 8:00	1024.00	30.24	0.113	70.82	159.48	197.13	252.19		
4/13/99 8:15	1024.13	30.24	0.000	65.59	150.07	0.00			
4/13/99 8:30	1024.25	30.25	0.000	55.40	131.73	0.00			
4/13/99 8:45	1024.25	30.25	0.149	51.22	124.20	220.58			
4/13/99 9:00	1024.13	30.24	0.001	16.21	61.18	13.20	46.76		
4/13/99 9:15	1024.00	30.24	0.000	30.58	87.05	0.00			
4/13/99 9:30	1023.88	30.23	0.000	32.41	90.34	0.00			
4/13/99 9:45	1023.75	30.23	0.000	30.84	87.52	0.00			
4/13/99 10:00	1023.50	30.22	0.368	45.48	113.86	343.01	276.72		
4/13/99 10:15	1023.50	30.22	0.756	86.76	188.17	522.92			
4/13/99 10:30	1023.25	30.22	0.759	91.72	197.10	527.69			
4/13/99 10:45	1023.25	30.22	0.764	92.77	198.98	529.94			
4/13/99 11:00	1023.38	30.22	0.764	93.55	200.40	530.72	530.31		
4/13/99 11:15	1023.25	30.22	0.766	94.34	201.81	531.73			
4/13/99 11:30	1023.13	30.21	0.764	94.86	202.75	531.46			
4/13/99 11:45	1023.00	30.21	0.764	95.38	203.69	532.14			
4/13/99 12:00	1023.13	30.21	0.761	95.90	204.63	531.16	531.11		
4/13/99 12:15	1023.00	30.21	0.757	96.43	205.57	530.27			
4/13/99 12:30	1022.88	30.21	0.757	96.69	206.04	530.49			
4/13/99 12:45	1022.75	30.20	0.752	96.95	206.51	528.95			
4/13/99 13:00	1022.63	30.20	0.752	97.21	206.98	529.17	529.11		
4/13/99 13:15	1022.50	30.19	0.751	96.69	206.04	528.58			
4/13/99 13:30	1022.13	30.18	0.749	97.47	207.45	528.36			
4/13/99 13:45	1022.00	30.18	0.751	98.26	208.86	529.63			
4/13/99 14:00	1022.00	30.18	0.752	98.52	209.33	530.27	529.30		
4/13/99 14:15	1021.75	30.17	0.748	98.52	209.33	528.99			
4/13/99 14:30	1021.38	30.16	0.748	98.78	209.80	529.08			
4/13/99 14:45	1021.38	30.16	0.786	96.17	205.10	540.67			
4/13/99 15:00	1021.25	30.16	0.751	97.21	206.98	529.28	531.73		
4/13/99 15:15	1020.88	30.15	0.751	97.47	207.45	529.35			
4/13/99 15:30	1020.63	30.14	0.753	97.73	207.92	530.27			
4/13/99 15:45	1020.25	30.13	0.750	99.04	210.27	530.42			
4/13/99 16:00	1020.00	30.12	0.754	99.56	211.21	532.17	531.35		
4/13/99 16:15	1019.68	30.12	0.753	99.82	211.68	532.17			
4/13/99 16:30	1019.75	30.11	0.751	100.09	212.15	531.72			
4/13/99 16:45	1019.75	30.11	0.749	99.82	211.68	530.65			
4/13/99 17:00	1019.63	30.11	0.750	99.82	211.68	531.14	530.87		
4/13/99 17:15	1019.50	30.11	0.748	100.35	212.62	530.66			
4/13/99 17:30	1019.38	30.10	0.745	100.87	213.56	530.17			
4/13/99 17:45	1019.25	30.10	0.744	101.13	214.04	530.18			
4/13/99 18:00	1019.13	30.09	0.743	101.13	214.04	529.75	530.25		
4/13/99 18:15	1019.25	30.10	0.746	100.87	213.56	530.63			
4/13/99 18:30	1019.25	30.10	0.747	100.35	212.62	530.51			
4/13/99 18:45	1019.13	30.09	0.753	99.82	211.68	532.37			
4/13/99 19:00	1019.00	30.09	0.753	99.30	210.74	532.03	531.88		
4/13/99 19:15	1018.88	30.09	0.755	99.04	210.27	532.55			
4/13/99 19:30	1018.75	30.08	0.754	98.78	209.80	531.93			
4/13/99 19:45	1018.63	30.08	0.754	98.78	209.80	532.21			
4/13/99 20:00	1018.63	30.08	0.751	98.26	208.86	530.71	529.97		
4/13/99 20:15	1018.63	30.08	0.745	97.73	207.92	528.14			
4/13/99 20:30	1018.75	30.08	0.743	97.21	206.98	526.85			
4/13/99 20:45	1018.63	30.08	0.742	96.95	206.51	526.49			
4/13/99 21:00	1018.63	30.08	0.738	96.69	206.04	524.95	525.22		
4/13/99 21:15	1018.63	30.08	0.738	96.43	205.57	524.77			
4/13/99 21:30	1018.50	30.08	0.734	96.17	205.10	523.05			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/11/99 10:15	1005.38	29.69	0.746	107.66	225.79	539.11			
4/11/99 10:30	1005.50	29.69	0.748	108.45	227.20	539.63			
4/11/99 10:45	1005.38	29.69	0.748	108.71	227.67	540.54			
4/11/99 11:00	1005.50	29.69	0.751	108.71	227.67	541.62	542.01		
4/11/99 11:15	1005.63	29.70	0.757	108.45	227.20	543.45			
4/11/99 11:30	1005.50	29.69	0.761	108.45	227.20	544.81			
4/11/99 11:45	1005.75	29.70	0.758	108.71	227.67	544.04			
4/11/99 12:00	1005.88	29.70	0.757	108.45	227.20	543.39	544.04		
4/11/99 12:15	1006.13	29.71	0.761	108.19	226.73	544.46			
4/11/99 12:30	1006.25	29.71	0.758	108.19	226.73	543.53			
4/11/99 12:45	1006.25	29.71	0.756	108.19	226.73	542.63			
4/11/99 13:00	1006.38	29.72	0.752	108.45	227.20	541.45	541.85		
4/11/99 13:15	1006.50	29.72	0.749	108.45	227.20	540.52			
4/11/99 13:30	1006.63	29.73	0.751	108.71	227.67	541.10			
4/11/99 13:45	1006.75	29.73	0.751	109.23	228.62	541.66			
4/11/99 14:00	1007.00	29.74	0.748	109.49	229.09	540.44	541.22		
4/11/99 14:15	1007.25	29.74	0.750	109.49	229.09	541.27			
4/11/99 14:30	1007.50	29.75	0.751	109.49	229.09	541.64			
4/11/99 14:45	1007.75	29.76	0.750	109.23	228.62	540.95			
4/11/99 15:00	1008.25	29.77	0.748	108.71	227.67	539.77	541.23		
4/11/99 15:15	1008.63	29.78	0.753	108.45	227.20	541.07			
4/11/99 15:30	1009.00	29.80	0.760	107.14	224.85	542.72			
4/11/99 15:45	1009.38	29.81	0.760	106.88	224.38	542.44			
4/11/99 16:00	1009.63	29.81	0.761	107.14	224.85	542.77	542.57		
4/11/99 16:15	1009.88	29.82	0.761	107.14	224.85	542.92			
4/11/99 16:30	1010.25	29.83	0.759	106.88	224.38	541.99			
4/11/99 16:45	1010.50	29.84	0.763	106.62	223.91	542.84			
4/11/99 17:00	1010.88	29.85	0.760	106.36	223.44	541.66	541.26		
4/11/99 17:15	1011.00	29.85	0.757	106.62	223.91	540.71			
4/11/99 17:30	1011.25	29.86	0.753	106.36	223.44	539.10			
4/11/99 17:45	1011.63	29.87	0.751	106.36	223.44	538.32			
4/11/99 18:00	1011.88	29.88	0.753	106.10	222.97	538.53	538.09		
4/11/99 18:15	1012.13	29.89	0.749	106.10	222.97	537.35			
4/11/99 18:30	1012.25	29.89	0.749	105.83	222.50	537.13			
4/11/99 18:45	1012.38	29.90	0.750	105.83	222.50	537.32			
4/11/99 19:00	1012.63	29.90	0.749	105.57	222.03	536.85	537.05		
4/11/99 19:15	1012.88	29.91	0.748	105.57	222.03	536.32			
4/11/99 19:30	1013.25	29.92	0.753	105.05	221.09	537.84			
4/11/99 19:45	1013.50	29.93	0.755	104.79	220.62	538.06			
4/11/99 20:00	1013.63	29.93	0.760	104.53	220.15	539.62	538.74		
4/11/99 20:15	1013.88	29.94	0.759	104.27	219.68	538.91			
4/11/99 20:30	1014.25	29.95	0.761	104.27	219.68	539.48			
4/11/99 20:45	1014.38	29.95	0.761	104.27	219.68	539.45			
4/11/99 21:00	1014.75	29.97	0.759	104.27	219.68	538.67	538.09		
4/11/99 21:15	1015.00	29.97	0.753	104.53	220.15	536.80			
4/11/99 21:30	1015.38	29.98	0.751	104.53	220.15	536.02			
4/11/99 21:45	1015.38	29.98	0.749	104.53	220.15	535.38			
4/11/99 22:00	1015.38	29.98	0.751	104.53	220.15	535.81	535.71		
4/11/99 22:15	1015.50	29.99	0.751	104.53	220.15	535.78			
4/11/99 22:30	1015.63	29.99	0.750	104.53	220.15	535.53			
4/11/99 22:45	1015.75	30.00	0.751	104.53	220.15	535.93			
4/11/99 23:00	1015.75	30.00	0.751	104.53	220.15	535.93	536.17		
4/11/99 23:15	1015.75	30.00	0.752	104.53	220.15	536.18			
4/11/99 23:30	1015.88	30.00	0.756	104.27	219.68	537.27			
4/11/99 23:45	1016.00	30.00	0.758	104.00	219.21	537.94			
4/12/99 0:00	1016.25	30.01	0.761	104.00	219.21	538.98	538.57		
4/12/99 0:15	1016.25	30.01	0.764	103.74	218.74	539.67			
4/12/99 0:30	1016.38	30.01	0.762	103.74	218.74	539.00			
4/12/99 0:45	1016.38	30.01	0.761	103.48	218.27	538.57			
4/12/99 1:00	1016.38	30.01	0.761	103.48	218.27	538.57	537.79		
4/12/99 1:15	1016.50	30.02	0.758	103.74	218.74	537.41			
4/12/99 1:30	1016.63	30.02	0.752	103.74	218.74	535.39			
4/12/99 1:45	1017.13	30.04	0.754	103.74	218.74	535.90			
4/12/99 2:00	1017.38	30.04	0.750	103.22	217.80	534.14	534.48		
4/12/99 2:15	1017.50	30.05	0.748	102.70	216.86	533.06			
4/12/99 2:30	1017.63	30.05	0.751	102.70	216.86	533.92			
4/12/99 2:45	1017.75	30.05	0.749	102.70	216.86	533.21			
4/12/99 3:00	1017.75	30.05	0.749	102.70	216.86	533.21	533.54		
4/12/99 3:15	1017.75	30.05	0.748	102.70	216.86	533.00			
4/12/99 3:30	1017.88	30.06	0.753	102.44	216.39	534.35			
4/12/99 3:45	1018.00	30.06	0.756	102.18	215.92	535.44			
4/12/99 4:00	1018.25	30.07	0.759	101.91	215.45	536.32	535.77		
4/12/99 4:15	1018.38	30.07	0.761	101.39	214.51	536.33			
4/12/99 4:30	1018.63	30.08	0.760	101.91	215.45	536.43			
4/12/99 4:45	1018.75	30.08	0.760	101.13	214.04	535.84			
4/12/99 5:00	1019.13	30.09	0.758	101.91	215.45	535.63	535.07		
4/12/99 5:15	1019.38	30.10	0.757	101.39	214.51	534.77			
4/12/99 5:30	1019.63	30.11	0.751	101.39	214.51	532.68			
4/12/99 5:45	1019.88	30.12	0.752	102.44	216.39	533.61			
4/12/99 6:00	1020.13	30.12	0.748	101.91	215.45	531.62	532.54		
4/12/99 6:15	1020.38	30.13	0.751	101.65	214.98	532.87			
4/12/99 6:30	1020.63	30.14	0.749	101.91	215.45	531.91			
4/12/99 6:45	1020.75	30.14	0.753	101.65	214.98	533.04			
4/12/99 7:00	1021.00	30.15	0.748	101.91	215.45	531.59	532.14		
4/12/99 7:15	1021.25	30.16	0.748	101.65	214.98	531.34			
4/12/99 7:30	1021.50	30.16	0.753	101.65	214.98	532.84			
4/12/99 7:45	1021.88	30.18	0.757	101.13	214.04	533.92			
4/12/99 8:00	1022.25	30.19	0.762	101.13	214.04	535.59	534.90		
4/12/99 8:15	1022.38	30.19	0.762	101.13	214.04	535.55			
4/12/99 8:30	1022.63	30.20	0.785	101.13	214.04	538.58			
4/12/99 8:45	1022.88	30.21	0.762	100.87	213.56	535.24			
4/12/99 9:00	1023.13	30.21	0.763	101.91	215.45	536.34	535.50		
4/12/99 9:15	1023.50	30.22	0.761	101.65	214.98	535.39			
4/12/99 9:30	1023.63	30.23	0.756	102.18	215.92	533.96			
4/12/99 9:45	1023.63	30.23	0.764	102.18	215.92	536.85			
4/12/99 10:00	1023.63	30.23	0.778	100.61	213.09	540.51	535.17		
4/12/99 10:15	1023.88	30.23	0.751	102.44	216.39	532.10			
4/12/99 10:30	1024.00	30.24	0.751	102.96	217.33	532.44			
4/12/99 10:45	1024.13	30.24	0.749	103.48	218.27	532.10			
4/12/99 11:00	1024.25	30.25	0.749	103.48	218.27	532.32	532.88		
4/12/99 11:15	1024.38	30.25	0.748	103.74	218.74	532.01			
4/12/99 11:30	1024.50	30.25	0.758	103.74	218.74	535.52			
4/12/99 11:45	1024.25	30.25	0.761	103.74	218.74	536.47			
4/12/99 12:00	1024.13	30.24	0.764	104.00	219.21	538.03	537.14		
4/12/99 12:15	1024.00	30.24	0.763	103.74	218.74	537.20			
4/12/99 12:30	1024.00	30.24	0.766	104.00	219.21	538.48			
4/12/99 12:45	1024.00	30.24	0.766	104.53	220.15	538.85			
4/12/99 13:00	1024.00	30.24	0.762	104.79	220.62	537.74	537.90		
4/12/99 13:15	1024.00	30.24	0.760	105.05	221.09	537.25			
4/12/99 13:30	1024.00	30.24	0.759	105.57	222.03	537.16			
4/12/99 13:45	1024.00	30.24	0.754	104.79	220.62	535.08			
4/12/99 14:00	1023.75	30.23	0.755	105.83	222.50	536.10	536.66		
4/12/99 14:15	1023.63	30.23	0.756	106.36	223.44	536.93			
4/12/99 14:30	1023.63	30.23	0.759	106.62	223.91	538.00			
4/12/99 14:45	1023.63	30.23	0.759	107.14	224.85	538.37			
4/12/99 15:00	1023.50	30.22	0.758	107.14	224.85	537.98	539.22		
4/12/99 15:15	1023.38	30.22	0.764	107.40	225.32	540.64			
4/12/99 15:30	1023.38	30.22	0.766	107.14	224.85	541.09			
4/12/99 15:45	1023.25	30.22	0.769	107.14	224.85	542.25			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
4/10/99 4:30	1013.63	29.93	0.754	99.30	210.74	533.90			
4/10/99 4:45	1013.75	29.94	0.753	100.35	212.62	534.15			
4/10/99 5:00	1013.88	29.94	0.751	100.35	212.62	533.23	533.35		
4/10/99 5:15	1014.00	29.94	0.751	99.82	211.68	532.83			
4/10/99 5:30	1014.13	29.95	0.751	99.30	210.74	532.63			
4/10/99 5:45	1014.13	29.95	0.751	99.04	210.27	532.45			
4/10/99 6:00	1014.25	29.95	0.749	100.09	212.15	532.27	533.36		
4/10/99 6:15	1014.50	29.96	0.754	100.09	212.15	534.23			
4/10/99 6:30	1014.63	29.96	0.760	98.78	209.80	535.24			
4/10/99 6:45	1014.75	29.97	0.762	98.52	209.33	535.68			
4/10/99 7:00	1014.75	29.97	0.764	98.78	209.80	536.75	536.18		
4/10/99 7:15	1014.88	29.97	0.766	98.78	209.80	537.14			
4/10/99 7:30	1014.88	29.97	0.763	98.52	209.33	536.07			
4/10/99 7:45	1015.00	29.97	0.763	98.52	209.33	535.83			
4/10/99 8:00	1015.13	29.96	0.760	98.78	209.80	535.10	534.97		
4/10/99 8:15	1015.50	29.99	0.756	99.04	210.27	533.85			
4/10/99 8:30	1015.75	30.00	0.756	99.30	210.74	533.98			
4/10/99 8:45	1015.88	30.00	0.754	99.82	211.68	533.68			
4/10/99 9:00	1015.63	29.99	0.756	100.09	212.15	534.36	534.12		
4/10/99 9:15	1015.50	29.99	0.753	100.61	213.09	533.88			
4/10/99 9:30	1015.63	29.99	0.755	100.87	213.56	534.71			
4/10/99 9:45	1015.75	30.00	0.754	101.13	214.04	534.65			
4/10/99 10:00	1015.88	30.00	0.754	101.39	214.51	534.55	535.78		
4/10/99 10:15	1016.00	30.00	0.759	101.39	214.51	536.54			
4/10/99 10:30	1016.13	30.01	0.765	101.39	214.51	538.48			
4/10/99 10:45	1015.88	30.00	0.766	101.39	214.51	538.97			
4/10/99 11:00	1016.00	30.00	0.767	101.13	214.04	538.99	539.22		
4/10/99 11:15	1016.13	30.01	0.768	101.39	214.51	539.57			
4/10/99 11:30	1016.00	30.00	0.770	101.13	214.04	540.08			
4/10/99 11:45	1015.75	30.00	0.767	101.39	214.51	539.25			
4/10/99 12:00	1015.50	29.99	0.765	102.18	215.92	539.21	539.16		
4/10/99 12:15	1015.63	29.99	0.762	102.70	216.86	538.45			
4/10/99 12:30	1015.63	29.99	0.762	103.22	217.80	538.83			
4/10/99 12:45	1015.50	29.99	0.759	103.74	218.74	538.35			
4/10/99 13:00	1015.25	29.98	0.759	104.00	219.21	538.60	538.21		
4/10/99 13:15	1015.13	29.98	0.757	104.00	219.21	537.75			
4/10/99 13:30	1015.13	29.98	0.756	104.00	219.21	537.50			
4/10/99 13:45	1014.88	29.97	0.756	103.74	218.74	537.17			
4/10/99 14:00	1014.38	29.95	0.754	104.00	219.21	537.06	537.68		
4/10/99 14:15	1014.25	29.95	0.757	104.53	220.15	538.35			
4/10/99 14:30	1014.00	29.94	0.759	104.53	220.15	539.31			
4/10/99 14:45	1013.88	29.94	0.766	104.00	219.21	541.16			
4/10/99 15:00	1013.63	29.93	0.769	104.00	219.21	542.33	541.17		
4/10/99 15:15	1013.75	29.94	0.766	103.74	218.74	541.22			
4/10/99 15:30	1013.88	29.94	0.768	104.00	219.21	541.83			
4/10/99 15:45	1013.88	29.94	0.768	104.00	219.21	542.05			
4/10/99 16:00	1013.75	29.94	0.763	103.74	218.74	540.13	540.49		
4/10/99 16:15	1013.63	29.93	0.761	104.27	219.88	539.86			
4/10/99 16:30	1013.50	29.93	0.758	104.27	219.88	538.58			
4/10/99 16:45	1013.25	29.92	0.756	104.27	219.88	538.18			
4/10/99 17:00	1013.13	29.92	0.757	104.53	220.15	538.65	538.31		
4/10/99 17:15	1012.75	29.91	0.755	104.79	220.62	538.26			
4/10/99 17:30	1012.50	29.90	0.754	104.79	220.62	537.86			
4/10/99 17:45	1012.38	29.90	0.756	104.79	220.62	538.79			
4/10/99 18:00	1012.25	29.89	0.753	104.79	220.62	537.50	538.35		
4/10/99 18:15	1012.00	29.88	0.752	104.79	220.62	537.35			
4/10/99 18:30	1012.00	29.88	0.760	104.79	220.62	540.24			
4/10/99 18:45	1011.88	29.88	0.764	104.53	220.15	541.65			
4/10/99 19:00	1011.63	29.87	0.764	104.00	219.21	541.09	541.27		
4/10/99 19:15	1011.63	29.87	0.767	104.00	219.21	542.22			
4/10/99 19:30	1011.63	29.87	0.764	103.74	218.74	541.15			
4/10/99 19:45	1011.50	29.87	0.763	103.48	218.27	540.54			
4/10/99 20:00	1011.50	29.87	0.763	103.48	218.27	540.54	539.58		
4/10/99 20:15	1011.75	29.88	0.756	103.48	218.27	538.02			
4/10/99 20:30	1011.63	29.87	0.755	103.48	218.27	537.63			
4/10/99 20:45	1010.88	29.85	0.753	103.48	218.27	537.15			
4/10/99 21:00	1010.75	29.85	0.751	103.48	218.27	538.29	536.30		
4/10/99 21:15	1010.63	29.84	0.749	103.48	218.27	535.65			
4/10/99 21:30	1010.50	29.84	0.746	103.48	218.27	534.78			
4/10/99 21:45	1010.88	29.85	0.751	103.48	218.27	536.26			
4/10/99 22:00	1010.50	29.84	0.746	103.48	218.27	534.78	535.72		
4/10/99 22:15	1010.50	29.84	0.748	103.74	218.74	535.65			
4/10/99 22:30	1010.25	29.83	0.753	103.48	218.27	537.10			
4/10/99 22:45	1010.25	29.83	0.756	102.96	217.33	538.05			
4/10/99 23:00	1009.63	29.81	0.756	102.70	216.86	538.70	538.29		
4/10/99 23:15	1009.38	29.81	0.758	102.70	216.86	538.56			
4/10/99 23:30	1009.00	29.80	0.758	102.96	217.33	539.06			
4/10/99 23:45	1008.13	29.77	0.760	103.48	218.27	540.34			
4/11/99 0:00	1008.00	29.77	0.760	102.96	217.33	540.00	539.00		
4/11/99 0:15	1007.75	29.76	0.756	102.70	216.86	538.31			
4/11/99 0:30	1007.50	29.75	0.753	102.70	216.86	537.28			
4/11/99 0:45	1007.75	29.76	0.748	103.74	218.74	536.38			
4/11/99 1:00	1007.75	29.76	0.746	104.00	219.21	536.57	536.66		
4/11/99 1:15	1007.25	29.74	0.750	103.74	218.74	537.19			
4/11/99 1:30	1007.38	29.75	0.747	103.48	218.27	535.86			
4/11/99 1:45	1007.75	29.76	0.743	103.48	218.27	534.40			
4/11/99 2:00	1007.75	29.76	0.746	103.48	218.27	535.51	535.26		
4/11/99 2:15	1007.13	29.74	0.744	103.48	218.27	534.78			
4/11/99 2:30	1006.75	29.73	0.745	104.00	219.21	535.72			
4/11/99 2:45	1006.38	29.72	0.751	103.74	218.74	537.86			
4/11/99 3:00	1006.25	29.71	0.754	103.74	218.74	538.79	538.23		
4/11/99 3:15	1005.88	29.70	0.753	103.74	218.74	538.67			
4/11/99 3:30	1005.63	29.70	0.757	103.74	218.74	540.10			
4/11/99 3:45	1005.63	29.70	0.755	104.00	219.21	539.60			
4/11/99 4:00	1005.25	29.69	0.758	104.00	219.21	539.92	539.56		
4/11/99 4:15	1005.00	29.68	0.754	104.00	219.21	539.31			
4/11/99 4:30	1005.00	29.68	0.752	104.27	219.68	536.85			
4/11/99 4:45	1005.00	29.68	0.748	104.53	220.15	537.46			
4/11/99 5:00	1004.88	29.67	0.747	104.53	220.15	537.27	537.30		
4/11/99 5:15	1004.75	29.67	0.746	104.79	220.62	537.02			
4/11/99 5:30	1004.88	29.67	0.743	104.79	220.62	535.87			
4/11/99 5:45	1004.88	29.67	0.743	104.79	220.62	535.87			
4/11/99 6:00	1004.88	29.67	0.743	104.79	220.62	535.87	535.71		
4/11/99 6:15	1004.88	29.67	0.744	104.79	220.62	536.31			
4/11/99 6:30	1004.75	29.67	0.740	104.27	219.68	534.63			
4/11/99 6:45	1004.88	29.67	0.743	104.00	219.21	535.53			
4/11/99 7:00	1004.88	29.67	0.750	103.22	217.80	537.46	536.49		
4/11/99 7:15	1004.88	29.67	0.751	102.70	216.86	537.30			
4/11/99 7:30	1005.13	29.68	0.753	102.18	215.92	537.54			
4/11/99 7:45	1005.25	29.69	0.753	102.96	217.33	538.26			
4/11/99 8:00	1005.63	29.70	0.753	103.74	218.74	538.52	538.37		
4/11/99 8:15	1005.75	29.70	0.754	104.00	219.21	539.11			
4/11/99 8:30	1005.75	29.70	0.751	104.27	219.68	538.40			
4/11/99 8:45	1005.75	29.70	0.748	104.79	220.62	537.66			
4/11/99 9:00	1005.75	29.70	0.746	105.05	221.09	537.16	537.70		
4/11/99 9:15	1005.88	29.70	0.747	105.57	222.03	537.75			
4/11/99 9:30	1005.63	29.70	0.746	105.83	222.50	537.53			
4/11/99 9:45	1005.38	29.69	0.745	106.62	223.91	537.94			
4/11/99 10:00	1005.50	29.69	0.744	107.14	224.85	538.06	538.45		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/24/99 13:00	1012.38	29.90	0.674	120.21	248.37	518.81	518.78		
8/24/99 13:15	1012.13	29.89	0.672	119.94	247.90	518.01			
8/24/99 13:30	1011.75	29.88	0.673	120.21	248.37	518.74			
8/24/99 13:45	1011.38	29.87	0.673	120.47	248.84	518.78			
8/24/99 14:00	1011.38	29.87	0.676	120.99	249.78	520.32	519.40		
8/24/99 14:15	1011.38	29.87	0.675	121.25	250.25	520.26			
8/24/99 14:30	1011.50	29.87	0.673	120.73	249.31	518.92			
8/24/99 14:45	1011.50	29.87	0.672	120.99	249.78	518.86			
8/24/99 15:00	1011.25	29.86	0.674	121.25	250.25	519.79	518.99		
8/24/99 15:15	1010.75	29.85	0.671	120.47	248.84	518.21			
8/24/99 15:30	1011.13	29.86	0.673	120.99	249.78	519.19			
8/24/99 15:45	1010.50	29.84	0.672	120.73	249.31	518.94			
8/24/99 16:00	1010.38	29.84	0.670	120.99	249.78	518.41	518.92		
8/24/99 18:15	1010.50	29.84	0.671	121.25	250.25	518.79			
8/24/99 16:30	1010.50	29.84	0.672	121.25	250.25	519.29			
8/24/99 16:45	1010.50	29.84	0.672	121.51	250.72	519.46			
8/24/99 17:00	1010.13	29.83	0.673	120.99	249.78	519.44	519.53		
8/24/99 17:15	1010.25	29.83	0.672	121.25	250.25	519.35			
8/24/99 17:30	1010.38	29.84	0.673	121.77	251.19	520.13			
8/24/99 17:45	1010.25	29.83	0.674	121.77	251.19	520.39			
8/24/99 18:00	1009.88	29.82	0.670	120.73	249.31	518.37	519.62		
8/24/99 18:15	1009.88	29.82	0.671	121.77	251.19	519.29			
8/24/99 18:30	1010.25	29.83	0.673	121.77	251.19	519.93			
8/24/99 18:45	1010.13	29.83	0.673	121.77	251.19	520.19			
8/24/99 19:00	1009.75	29.82	0.671	122.03	251.66	519.49	519.83		
8/24/99 19:15	1009.63	29.81	0.670	122.30	252.13	519.46			
8/24/99 19:30	1009.50	29.81	0.672	122.03	251.66	520.06			
8/24/99 19:45	1009.88	29.82	0.668	121.77	251.19	518.32			
8/24/99 20:00	1010.00	29.83	0.671	121.51	250.72	519.09	518.93		
8/24/99 20:15	1010.00	29.83	0.670	121.25	250.25	518.68			
8/24/99 20:30	1010.00	29.83	0.670	120.99	249.78	518.51			
8/24/99 20:45	1010.13	29.83	0.670	121.51	250.72	518.82			
8/24/99 21:00	1010.50	29.84	0.667	121.25	250.25	517.35	518.39		
8/24/99 21:15	1010.63	29.84	0.672	120.73	249.31	518.91			
8/24/99 21:30	1010.75	29.85	0.671	120.73	249.31	518.38			
8/24/99 21:45	1010.88	29.85	0.668	120.73	249.31	517.38			
8/24/99 22:00	1010.88	29.85	0.670	120.47	248.84	517.94	518.13		
8/24/99 22:15	1010.88	29.85	0.672	120.47	248.84	518.88			
8/24/99 22:30	1011.13	29.86	0.671	120.73	249.31	518.28			
8/24/99 22:45	1011.25	29.86	0.673	120.47	248.84	518.81			
8/24/99 23:00	1011.38	29.87	0.673	120.73	249.31	519.18	518.30		
8/24/99 23:15	1011.38	29.87	0.670	120.47	248.84	517.81			
8/24/99 23:30	1011.38	29.87	0.669	120.21	248.37	517.41			
8/24/99 23:45	1011.63	29.87	0.671	120.73	249.31	518.15			
8/25/99 0:00	1011.63	29.87	0.671	120.73	249.31	518.15	517.89		
8/25/99 0:15	1011.63	29.87	0.671	120.73	249.31	518.15			
8/25/99 0:30	1011.63	29.87	0.670	120.21	248.37	517.58			
8/25/99 0:45	1011.88	29.88	0.671	120.21	248.37	517.75			
8/25/99 1:00	1011.88	29.88	0.669	119.94	247.90	517.11	517.56		
8/25/99 1:15	1011.75	29.88	0.671	120.21	248.37	518.01			
8/25/99 1:30	1011.63	29.87	0.669	120.21	248.37	517.35			
8/25/99 1:45	1011.50	29.87	0.669	120.21	248.37	517.11			
8/25/99 2:00	1011.50	29.87	0.669	119.94	247.90	517.21	517.26		
8/25/99 2:15	1011.50	29.87	0.669	119.94	247.90	518.94			
8/25/99 2:30	1011.38	29.87	0.671	119.94	247.90	517.70			
8/25/99 2:45	1011.25	29.86	0.670	119.68	247.43	517.33			
8/25/99 3:00	1011.25	29.86	0.669	119.94	247.90	517.00	517.37		
8/25/99 3:15	1011.00	29.85	0.668	119.66	247.43	516.66			
8/25/99 3:30	1010.88	29.85	0.672	119.68	247.43	518.16			
8/25/99 3:45	1010.88	29.85	0.669	119.42	246.96	517.02			
8/25/99 4:00	1011.00	29.85	0.669	119.42	246.96	516.72	517.26		
8/25/99 4:15	1010.88	29.85	0.669	119.42	246.96	516.75			
8/25/99 4:30	1010.88	29.85	0.671	119.68	247.43	517.66			
8/25/99 4:45	1010.88	29.85	0.668	119.94	247.90	516.63			
8/25/99 5:00	1010.88	29.85	0.668	119.88	247.43	516.46	517.10		
8/25/99 5:15	1010.75	29.85	0.669	119.94	247.90	517.40			
8/25/99 5:30	1010.88	29.85	0.669	119.94	247.90	517.37			
8/25/99 5:45	1011.00	29.85	0.666	120.21	248.37	516.04			
8/25/99 6:00	1011.00	29.85	0.670	120.21	248.37	517.74	517.34		
8/25/99 6:15	1011.13	29.88	0.669	120.21	248.37	517.47			
8/25/99 6:30	1011.38	29.87	0.671	120.21	248.37	518.11			
8/25/99 6:45	1011.50	29.87	0.668	120.21	248.37	516.88			
8/25/99 7:00	1011.63	29.87	0.670	119.94	247.90	517.41	517.36		
8/25/99 7:15	1011.63	29.87	0.671	119.68	247.43	517.70			
8/25/99 7:30	1011.63	29.87	0.669	119.68	247.43	516.73			
8/25/99 7:45	1011.88	29.88	0.669	119.68	247.43	516.94			
8/25/99 8:00	1012.00	29.88	0.671	119.94	247.90	517.77	517.18		
8/25/99 8:15	1012.13	29.89	0.670	119.94	247.90	517.28			
8/25/99 8:30	1012.25	29.89	0.669	120.21	248.37	517.19			
8/25/99 8:45	1012.25	29.89	0.671	120.47	248.84	518.05			
8/25/99 9:00	1012.25	29.89	0.668	120.47	248.84	516.86	517.87		
8/25/99 9:15	1012.25	29.89	0.672	120.73	249.31	518.50			
8/25/99 9:30	1012.13	29.89	0.673	120.73	249.31	518.76			
8/25/99 9:45	1012.13	29.89	0.671	120.99	249.78	516.43			
8/25/99 10:00	1012.38	29.90	0.671	120.73	249.31	517.96	518.41		
8/25/99 10:15	1012.38	29.90	0.672	120.73	249.31	518.46			
8/25/99 10:30	1012.50	29.90	0.672	120.73	249.31	518.43			
8/25/99 10:45	1012.63	29.90	0.671	120.99	249.78	516.30			
8/25/99 11:00	1012.63	29.90	0.670	121.51	250.72	518.16	516.64		
8/25/99 11:15	1012.63	29.90	0.671	122.03	251.66	518.99			
8/25/99 11:30	1012.75	29.91	0.671	122.56	252.60	519.30			
8/25/99 11:45	1012.75	29.91	0.674	122.03	251.66	520.19			
8/25/99 12:00	1012.63	29.90	0.670	121.77	251.19	518.35	519.70		
8/25/99 12:15	1012.38	29.90	0.676	122.03	251.66	520.75			
8/25/99 12:30	1012.38	29.90	0.673	122.56	252.60	519.90			
8/25/99 12:45	1012.38	29.90	0.671	122.30	252.13	519.22			
8/25/99 13:00	1012.25	29.89	0.673	122.82	253.07	520.10	520.08		
8/25/99 13:15	1012.13	29.89	0.674	122.82	253.07	520.60			
8/25/99 13:30	1011.88	29.88	0.673	123.08	253.54	520.60			
8/25/99 13:45	1011.75	29.88	0.670	123.34	254.01	519.60			
8/25/99 14:00	1011.75	29.88	0.673	123.08	253.54	520.40	519.73		
8/25/99 14:15	1012.00	29.88	0.675	121.77	251.19	520.44			
8/25/99 14:30	1012.25	29.89	0.670	120.47	248.84	517.59			
8/25/99 14:45	1012.13	29.89	0.669	119.94	247.90	516.76			
8/25/99 15:00	1011.75	29.88	0.673	119.94	247.90	518.34	517.21		
8/25/99 15:15	1011.63	29.87	0.669	119.42	246.96	516.63			
8/25/99 15:30	1011.63	29.87	0.668	119.68	247.43	516.50			
8/25/99 15:45	1011.50	29.87	0.671	119.94	247.90	517.87			
8/25/99 16:00	1011.63	29.87	0.666	120.21	248.37	516.11	516.05		
8/25/99 16:15	1011.63	29.87	0.664	119.94	247.90	514.97			
8/25/99 16:30	1011.50	29.87	0.664	119.94	247.90	515.00			
8/25/99 16:45	1011.38	29.87	0.664	119.94	247.90	515.30			
8/25/99 17:00	1011.38	29.87	0.666	120.21	248.37	515.94	515.66		
8/25/99 17:15	1011.25	29.86	0.665	120.21	248.37	515.74			
8/25/99 17:30	1011.13	29.86	0.666	120.47	248.84	516.41			
8/25/99 17:45	1011.00	29.85	0.667	120.73	249.31	516.88			
8/25/99 18:00	1011.13	29.86	0.664	120.21	248.37	515.54	516.22		
8/25/99 18:15	1011.00	29.85	0.664	120.47	248.84	515.74			
8/25/99 18:30	1011.00	29.85	0.666	120.99	249.78	516.55			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/25/99 18:45	1011.13	29.86	0.664	121.25	250.25	516.22			
8/25/99 19:00	1011.13	29.86	0.666	120.99	249.78	516.75	516.41		
8/25/99 19:15	1011.13	29.86	0.666	120.99	249.78	516.52			
8/25/99 19:30	1011.25	29.86	0.884	120.99	249.78	516.02			
8/25/99 19:45	1011.13	29.86	0.666	120.99	249.78	516.52			
8/25/99 20:00	1011.25	29.86	0.666	120.47	248.84	516.14	516.02		
8/25/99 20:15	1011.25	29.86	0.665	120.47	248.84	515.91			
8/25/99 20:30	1011.25	29.88	0.664	120.21	248.37	515.51			
8/25/99 20:45	1011.38	29.87	0.664	119.94	247.90	515.03			
8/25/99 21:00	1011.50	29.87	0.664	119.68	247.43	515.10	515.25		
8/25/99 21:15	1011.50	29.87	0.667	119.68	247.43	516.07			
8/25/99 21:30	1011.75	29.88	0.663	119.68	247.43	514.53			
8/25/99 21:45	1011.88	29.88	0.665	119.16	246.49	514.89			
8/25/99 22:00	1012.00	29.88	0.665	119.42	246.96	515.03	514.85		
8/25/99 22:15	1012.13	29.89	0.665	119.42	246.96	515.00			
8/25/99 22:30	1012.25	29.89	0.685	119.16	246.49	514.80			
8/25/99 22:45	1012.38	29.90	0.666	118.90	246.02	515.06			
8/25/99 23:00	1012.50	29.90	0.665	119.16	246.49	514.74	514.57		
8/25/99 23:15	1012.25	29.89	0.664	119.16	246.49	514.57			
8/25/99 23:30	1012.13	29.89	0.663	118.90	246.02	513.69			
8/25/99 23:45	1012.00	29.88	0.666	119.16	246.49	515.09			
8/26/99 0:00	1012.00	29.88	0.663	118.90	246.02	513.96	514.13		
8/26/99 0:15	1012.00	29.88	0.662	118.90	246.02	513.49			
8/26/99 0:30	1012.13	29.89	0.664	118.90	246.02	514.43			
8/26/99 0:45	1012.25	29.89	0.665	118.64	245.55	514.46			
8/26/99 1:00	1012.13	29.89	0.663	118.90	246.02	513.92	514.21		
8/26/99 1:15	1012.13	29.89	0.664	119.16	246.49	514.33			
8/26/99 1:30	1012.13	29.89	0.663	118.90	246.02	513.92			
8/26/99 1:45	1012.00	29.88	0.664	119.16	246.49	514.83			
8/26/99 2:00	1012.00	29.88	0.667	119.16	246.49	515.60	514.89		
8/26/99 2:15	1012.13	29.89	0.665	119.42	246.96	515.00			
8/26/99 2:30	1012.00	29.88	0.663	119.42	246.96	514.30			
8/26/99 2:45	1011.88	29.88	0.664	119.42	246.96	514.83			
8/26/99 3:00	1011.75	29.88	0.666	119.68	247.43	515.50	514.85		
8/26/99 3:15	1011.63	29.87	0.664	119.68	247.43	515.07			
8/26/99 3:30	1011.63	29.87	0.663	119.68	247.43	514.56			
8/26/99 3:45	1011.50	29.87	0.666	119.68	247.43	515.57			
8/26/99 4:00	1011.50	29.87	0.665	119.68	247.43	515.33	515.02		
8/26/99 4:15	1011.50	29.87	0.664	119.68	247.43	514.83			
8/26/99 4:30	1011.50	29.87	0.664	119.66	247.43	514.83			
8/26/99 4:45	1011.50	29.87	0.664	119.68	247.43	515.10			
8/26/99 5:00	1011.63	29.87	0.664	119.68	247.43	515.07	514.86		
8/26/99 5:15	1011.75	29.88	0.662	119.68	247.43	514.07			
8/26/99 5:30	1011.88	29.88	0.665	119.66	247.43	515.24			
8/26/99 5:45	1012.00	29.88	0.664	119.42	246.96	514.53			
8/26/99 6:00	1012.13	29.89	0.665	119.42	246.96	515.00	514.61		
8/26/99 6:15	1012.13	29.89	0.662	119.42	246.96	513.80			
8/26/99 6:30	1012.25	29.89	0.664	119.42	246.96	514.47			
8/26/99 6:45	1012.25	29.89	0.664	119.42	246.96	514.74			
8/26/99 7:00	1012.50	29.90	0.661	119.68	247.43	513.60	514.50		
8/26/99 7:15	1012.50	29.90	0.664	119.68	247.43	514.57			
8/26/99 7:30	1012.63	29.90	0.666	119.42	246.96	515.11			
8/26/99 7:45	1012.75	29.91	0.663	119.68	247.43	514.28			
8/26/99 8:00	1013.00	29.91	0.665	119.68	247.43	514.95	518.16		
8/26/99 8:15	1012.88	29.91	0.714	117.07	242.73	531.73			
8/26/99 8:30	1013.00	29.91	0.664	119.68	247.43	514.72			
8/26/99 8:45	1013.13	29.92	0.668	119.94	247.90	516.06			
8/26/99 9:00	1013.25	29.92	0.667	119.94	247.90	515.79	515.94		
8/26/99 9:15	1013.13	29.92	0.668	120.21	248.37	516.46			
8/26/99 9:30	1013.25	29.92	0.669	120.21	248.37	516.66			
8/26/99 9:45	1013.38	29.92	0.670	120.21	248.37	517.13			
8/26/99 10:00	1013.38	29.92	0.668	120.21	248.37	516.40	517.07		
8/26/99 10:15	1013.38	29.92	0.671	120.47	248.84	517.53			
8/26/99 10:30	1013.50	29.93	0.670	120.99	249.78	517.61			
8/26/99 10:45	1013.50	29.93	0.669	121.25	250.25	517.28			
8/26/99 11:00	1013.63	29.93	0.670	121.51	250.72	517.92	518.05		
8/26/99 11:15	1013.75	29.94	0.672	121.51	250.72	518.63			
8/26/99 11:30	1013.75	29.94	0.672	121.77	251.19	518.80			
8/26/99 11:45	1013.75	29.94	0.671	122.30	252.13	518.64			
8/26/99 12:00	1013.63	29.93	0.671	122.56	252.60	519.07	518.66		
8/26/99 12:15	1013.63	29.93	0.671	122.03	251.66	518.50			
8/26/99 12:30	1013.63	29.93	0.670	122.03	251.66	518.27			
8/26/99 12:45	1013.50	29.93	0.672	121.77	251.19	518.86			
8/26/99 13:00	1013.38	29.92	0.674	122.56	252.60	520.10	519.46		
8/26/99 13:15	1013.38	29.92	0.673	123.08	253.54	520.22			
8/26/99 13:30	1013.25	29.92	0.673	122.82	253.07	519.84			
8/26/99 13:45	1013.13	29.92	0.674	123.60	254.48	521.12			
8/26/99 14:00	1013.00	29.91	0.673	124.13	255.43	521.00	521.36		
8/26/99 14:15	1013.00	29.91	0.675	124.39	255.90	521.90			
8/26/99 14:30	1013.00	29.91	0.678	124.65	256.37	523.04			
8/26/99 14:45	1012.88	29.91	0.674	124.91	256.84	522.05			
8/26/99 15:00	1012.75	29.91	0.674	124.91	256.84	522.08	522.57		
8/26/99 15:15	1012.63	29.90	0.676	125.17	257.31	522.98			
8/26/99 15:30	1012.50	29.90	0.675	125.43	257.78	522.72			
8/26/99 15:45	1012.38	29.90	0.677	125.17	257.31	523.31			
8/26/99 16:00	1012.13	29.89	0.677	125.17	257.31	523.38	522.99		
8/26/99 16:15	1012.00	29.88	0.675	125.17	257.31	522.88			
8/26/99 16:30	1012.00	29.88	0.675	125.43	257.78	522.85			
8/26/99 16:45	1011.75	29.88	0.676	125.69	258.25	523.55			
8/26/99 17:00	1011.88	29.88	0.675	125.95	258.72	523.22	523.23		
8/26/99 17:15	1012.00	29.88	0.678	125.43	257.78	523.61			
8/26/99 17:30	1011.88	29.88	0.675	125.17	257.31	522.71			
8/26/99 17:45	1011.88	29.88	0.675	125.69	258.25	523.05			
8/26/99 18:00	1012.00	29.88	0.674	125.17	257.31	522.44	522.57		
8/26/99 18:15	1011.88	29.88	0.675	124.65	256.37	522.38			
8/26/99 18:30	1011.88	29.88	0.674	124.91	256.84	522.30			
8/26/99 18:45	1012.00	29.88	0.675	124.39	255.90	522.18			
8/26/99 19:00	1012.13	29.89	0.676	124.39	255.90	522.36	521.96		
8/26/99 19:15	1012.25	29.89	0.673	124.39	255.90	521.36			
8/26/99 19:30	1012.25	29.89	0.674	124.13	255.43	521.89			
8/26/99 19:45	1012.13	29.89	0.674	123.86	254.95	521.26			
8/26/99 20:00	1012.13	29.89	0.671	123.34	254.01	519.97	520.53		
8/26/99 20:15	1012.25	29.89	0.672	123.08	253.54	520.04			
8/26/99 20:30	1012.38	29.90	0.672	122.56	252.60	519.87			
8/26/99 20:45	1012.63	29.90	0.674	122.03	251.66	519.95			
8/26/99 21:00	1012.63	29.90	0.669	121.51	250.72	517.86	518.75		
8/26/99 21:15	1012.88	29.91	0.671	121.77	251.19	518.75			
8/26/99 21:30	1013.00	29.91	0.669	121.25	250.25	517.66			
8/26/99 21:45	1013.00	29.91	0.672	120.99	249.78	518.48			
8/26/99 22:00	1013.00	29.91	0.671	120.99	249.78	518.21	517.83		
8/26/99 22:15	1013.13	29.92	0.670	120.47	248.84	517.37			
8/26/99 22:30	1013.13	29.92	0.671	120.21	248.37	517.43			
8/26/99 22:45	1013.13	29.92	0.668	120.21	248.37	518.23			
8/26/99 23:00	1013.13	29.92	0.668	120.21	248.37	518.23	518.76		
8/26/99 23:15	1013.25	29.92	0.669	120.47	248.84	517.10			
8/26/99 23:30	1013.13	29.92	0.669	119.94	247.90	518.79			
8/26/99 23:45	1013.13	29.92	0.671	119.68	247.43	517.08			
8/27/99 0:00	1013.00	29.91	0.672	119.68	247.43	517.82	517.09		
8/27/99 0:15	1013.00	29.91	0.670	119.68	247.43	516.88			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/27/99 0:30	1013.00	29.91	0.670	119.94	247.90	517.06			
8/27/99 0:45	1013.00	29.91	0.673	119.94	247.90	518.02			
8/27/99 1:00	1012.88	29.91	0.670	119.68	247.43	516.92	517.27		
8/27/99 1:15	1012.75	29.91	0.671	119.68	247.43	517.18			
8/27/99 1:30	1012.75	29.91	0.671	119.68	247.43	517.18			
8/27/99 1:45	1012.75	29.91	0.670	119.68	247.43	516.95			
8/27/99 2:00	1012.75	29.91	0.671	119.42	246.96	517.01	516.83		
8/27/99 2:15	1012.88	29.91	0.669	119.42	246.96	516.24			
8/27/99 2:30	1012.66	29.91	0.668	119.42	246.96	515.78			
8/27/99 2:45	1012.88	29.91	0.669	119.16	246.49	516.07			
8/27/99 3:00	1013.00	29.91	0.671	119.42	246.96	516.94	516.14		
8/27/99 3:15	1013.13	29.92	0.669	119.68	247.43	516.35			
8/27/99 3:30	1013.13	29.92	0.668	119.16	246.49	515.54			
8/27/99 3:45	1013.25	29.92	0.669	119.16	246.49	515.97			
8/27/99 4:00	1013.50	29.93	0.668	119.16	246.49	515.45	515.71		
8/27/99 4:15	1013.63	29.93	0.669	118.90	246.02	515.71			
8/27/99 4:30	1013.63	29.93	0.669	119.16	246.49	515.88			
8/27/99 4:45	1013.75	29.94	0.670	119.42	246.96	516.52			
8/27/99 5:00	1013.75	29.94	0.671	119.16	246.49	516.58	516.26		
8/27/99 5:15	1013.88	29.94	0.669	119.16	246.49	515.82			
8/27/99 5:30	1013.88	29.94	0.670	119.42	246.96	516.49			
8/27/99 5:45	1013.88	29.94	0.670	119.42	246.96	516.49			
8/27/99 6:00	1014.00	29.94	0.673	119.42	246.96	517.42	516.69		
8/27/99 6:15	1014.13	29.95	0.670	119.42	246.96	516.42			
8/27/99 6:30	1014.25	29.95	0.671	119.42	246.96	516.62			
8/27/99 6:45	1014.38	29.95	0.673	119.42	246.96	517.32			
8/27/99 7:00	1014.63	29.96	0.669	119.42	246.96	515.80	516.50		
8/27/99 7:15	1014.75	29.97	0.673	119.42	246.96	517.23			
8/27/99 7:30	1015.00	29.97	0.669	119.16	246.49	515.53			
8/27/99 7:45	1015.13	29.98	0.669	118.90	246.02	515.60			
8/27/99 8:00	1015.13	29.98	0.673	118.90	246.02	516.79	515.93		
8/27/99 8:15	1015.25	29.98	0.672	118.90	246.02	516.53			
8/27/99 8:30	1015.38	29.98	0.669	118.38	245.08	515.19			
8/27/99 8:45	1015.50	29.99	0.672	118.64	245.55	516.29			
8/27/99 9:00	1015.75	30.00	0.672	118.38	245.08	516.05	516.10		
8/27/99 9:15	1015.75	30.00	0.673	118.64	245.55	516.69			
8/27/99 9:30	1015.88	30.00	0.671	119.16	246.49	516.27			
8/27/99 9:45	1016.00	30.00	0.669	118.38	245.08	515.03			
8/27/99 10:00	1016.00	30.00	0.672	119.16	246.49	516.51	516.01		
8/27/99 10:15	1016.00	30.00	0.672	119.16	246.49	516.51			
8/27/99 10:30	1016.13	30.01	0.669	119.94	247.90	515.76			
8/27/99 10:45	1016.13	30.01	0.673	120.21	248.37	517.39			
8/27/99 11:00	1016.13	30.01	0.675	121.25	250.25	519.04	517.56		
8/27/99 11:15	1016.13	30.01	0.672	121.51	250.72	518.02			
8/27/99 11:30	1016.25	30.01	0.673	120.21	248.37	517.59			
8/27/99 11:45	1016.25	30.01	0.673	120.73	249.31	517.71			
8/27/99 12:00	1016.13	30.01	0.671	120.21	248.37	516.66	517.73		
8/27/99 12:15	1016.00	30.00	0.675	121.51	250.72	519.25			
8/27/99 12:30	1016.00	30.00	0.671	120.99	249.78	517.44			
8/27/99 12:45	1015.88	30.00	0.676	121.77	251.19	519.88			
8/27/99 13:00	1015.88	30.00	0.675	122.56	252.60	519.96	519.41		
8/27/99 13:15	1015.88	30.00	0.677	122.56	252.60	520.70			
8/27/99 13:30	1015.88	30.00	0.674	122.30	252.13	519.29			
8/27/99 13:45	1015.88	30.00	0.675	122.03	251.66	519.62			
8/27/99 14:00	1015.75	30.00	0.678	122.56	252.60	520.23	519.45		
8/27/99 14:15	1015.75	30.00	0.674	121.77	251.19	519.25			
8/27/99 14:30	1015.75	30.00	0.673	122.30	252.13	518.88			
8/27/99 14:45	1015.75	30.00	0.674	123.08	253.54	520.11			
8/27/99 15:00	1015.75	30.00	0.674	123.08	253.54	520.11	520.16		
8/27/99 15:15	1015.75	30.00	0.674	123.08	253.54	520.11			
8/27/99 15:30	1015.83	29.99	0.677	123.86	254.95	521.62			
8/27/99 15:45	1015.63	29.99	0.676	123.34	254.01	520.77			
8/27/99 16:00	1015.63	29.99	0.673	123.34	254.01	519.81	520.71		
8/27/99 16:15	1015.50	29.99	0.676	123.60	254.48	520.98			
8/27/99 16:30	1015.50	29.99	0.674	123.34	254.01	520.34			
8/27/99 16:45	1015.38	29.98	0.675	123.08	253.54	520.44			
8/27/99 17:00	1015.38	29.98	0.673	122.82	253.07	519.53	520.05		
8/27/99 17:15	1015.50	29.99	0.675	123.08	253.54	520.40			
8/27/99 17:30	1015.38	29.98	0.673	122.82	253.07	519.53			
8/27/99 17:45	1015.25	29.98	0.673	123.08	253.54	519.73			
8/27/99 18:00	1015.25	29.98	0.676	123.08	253.54	520.70	519.69		
8/27/99 18:15	1015.25	29.98	0.674	122.56	252.60	519.62			
8/27/99 18:30	1015.25	29.98	0.673	121.77	251.19	518.88			
8/27/99 18:45	1015.25	29.98	0.673	122.30	252.13	519.22			
8/27/99 19:00	1015.25	29.98	0.673	121.51	250.72	518.47	518.66		
8/27/99 19:15	1015.25	29.98	0.671	120.73	249.31	517.46			
8/27/99 19:30	1015.25	29.98	0.674	122.03	251.66	519.28			
8/27/99 19:45	1015.25	29.98	0.674	123.08	253.54	519.97			
8/27/99 20:00	1015.25	29.98	0.674	122.82	253.07	519.80	519.98		
8/27/99 20:15	1015.25	29.98	0.676	123.34	254.01	521.60			
8/27/99 20:30	1015.38	29.98	0.672	123.08	253.54	519.24			
8/27/99 20:45	1015.50	29.99	0.674	123.08	253.54	519.90			
8/27/99 21:00	1015.63	29.99	0.673	122.56	252.60	519.30	519.48		
8/27/99 21:15	1015.75	30.00	0.675	122.30	252.13	519.83			
8/27/99 21:30	1015.88	30.00	0.674	122.03	251.68	519.12			
8/27/99 21:45	1016.13	30.01	0.671	121.51	250.72	517.75			
8/27/99 22:00	1016.25	30.01	0.676	121.25	250.25	519.47	518.64		
8/27/99 22:15	1016.36	30.01	0.674	120.99	249.78	518.58			
8/27/99 22:30	1016.50	30.02	0.674	120.99	249.78	518.27			
8/27/99 22:45	1016.63	30.02	0.673	120.47	248.84	517.67			
8/27/99 23:00	1016.75	30.02	0.673	119.94	247.90	517.06	517.68		
8/27/99 23:15	1016.63	30.02	0.673	120.21	248.37	517.27			
8/27/99 23:30	1016.75	30.02	0.674	120.47	248.84	518.14			
8/27/99 23:45	1016.75	30.02	0.676	120.73	249.31	519.00			
8/28/99 0:00	1016.88	30.03	0.673	120.21	248.37	517.20	517.93		
8/28/99 0:15	1017.00	30.03	0.674	119.94	247.90	517.73			
8/28/99 0:30	1017.13	30.04	0.674	120.21	248.37	517.60			
8/28/99 0:45	1017.13	30.04	0.674	120.21	248.37	517.87			
8/28/99 1:00	1017.00	30.03	0.674	119.94	247.90	517.73	517.56		
8/28/99 1:15	1017.13	30.04	0.673	119.68	247.43	517.03			
8/28/99 1:30	1017.00	30.03	0.674	119.68	247.43	517.56			
8/28/99 1:45	1017.00	30.03	0.672	119.68	247.43	516.60			
8/28/99 2:00	1017.00	30.03	0.674	119.68	247.43	517.29	516.96		
8/28/99 2:15	1016.88	30.03	0.671	119.42	246.96	516.19			
8/28/99 2:30	1016.75	30.02	0.674	119.42	246.96	517.18			
8/28/99 2:45	1016.88	30.03	0.674	119.42	246.96	517.15			
8/28/99 3:00	1016.75	30.02	0.673	119.16	246.49	516.55	516.64		
8/28/99 3:15	1016.75	30.02	0.672	119.16	246.49	516.32			
8/28/99 3:30	1016.88	30.03	0.671	119.16	246.49	516.02			
8/28/99 3:45	1016.88	30.03	0.672	118.90	246.02	516.11			
8/28/99 4:00	1017.00	30.03	0.673	118.90	246.02	516.31	516.60		
8/28/99 4:15	1016.88	30.03	0.673	119.16	246.49	516.75			
8/28/99 4:30	1017.13	30.04	0.676	119.42	246.96	517.81			
8/28/99 4:45	1017.13	30.04	0.673	119.42	246.96	516.85			
8/28/99 5:00	1017.25	30.04	0.673	119.42	246.96	516.82	517.02		
8/28/99 5:15	1017.25	30.04	0.673	119.16	246.49	516.65			
8/28/99 5:30	1017.38	30.04	0.674	118.90	246.02	516.95			
8/28/99 5:45	1017.38	30.04	0.674	119.16	246.49	517.12			
8/28/99 6:00	1017.63	30.05	0.673	118.90	246.02	516.15	516.66		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/28/99 6:15	1017.75	30.05	0.673	118.90	246.02	516.35			
8/28/99 6:30	1017.75	30.05	0.675	118.38	245.08	516.74			
8/28/99 6:45	1017.75	30.05	0.674	118.38	245.08	516.51			
8/28/99 7:00	1017.75	30.05	0.673	118.38	245.08	515.78	516.11		
8/28/99 7:15	1017.75	30.05	0.674	118.38	245.08	516.24			
8/28/99 7:30	1017.63	30.05	0.671	118.38	245.08	515.31			
8/28/99 7:45	1017.75	30.05	0.673	118.38	245.08	515.78			
8/28/99 8:00	1017.88	30.06	0.674	118.90	246.02	516.55	516.40		
8/28/99 8:15	1018.00	30.06	0.674	119.42	246.96	516.66			
8/28/99 8:30	1018.13	30.07	0.675	119.68	247.43	517.50			
8/28/99 8:45	1018.25	30.07	0.676	119.94	247.90	516.10			
8/28/99 9:00	1018.25	30.07	0.677	120.47	248.84	518.71	516.26		
8/28/99 9:15	1018.38	30.07	0.674	120.99	249.78	518.07			
8/28/99 9:30	1018.50	30.08	0.676	121.25	250.25	518.90			
8/28/99 9:45	1018.63	30.08	0.676	121.77	251.19	518.98			
8/28/99 10:00	1018.50	30.08	0.678	122.56	252.60	520.25	520.09		
8/28/99 10:15	1018.38	30.07	0.678	123.08	253.54	520.63			
8/28/99 10:30	1018.50	30.08	0.679	123.60	254.48	521.67			
8/28/99 10:45	1018.50	30.08	0.678	123.86	254.95	521.11			
8/28/99 11:00	1018.63	30.08	0.678	124.65	256.37	521.83	522.02		
8/28/99 11:15	1018.63	30.08	0.681	124.91	256.84	522.96			
8/28/99 11:30	1018.50	30.08	0.679	124.91	256.84	522.53			
8/28/99 11:45	1018.50	30.08	0.681	124.91	256.84	522.99			
8/28/99 12:00	1018.50	30.08	0.679	125.17	257.31	522.70	522.89		
8/28/99 12:15	1018.38	30.07	0.679	125.69	258.25	523.08			
8/28/99 12:30	1018.38	30.07	0.680	125.43	257.78	523.13			
8/28/99 12:45	1018.38	30.07	0.679	125.69	258.25	522.81			
8/28/99 13:00	1018.38	30.07	0.681	126.22	259.19	523.68	523.56		
8/28/99 13:15	1018.38	30.07	0.679	126.48	259.66	523.59			
8/28/99 13:30	1018.38	30.07	0.682	126.22	259.19	524.38			
8/28/99 13:45	1018.13	30.07	0.680	126.48	259.66	523.88			
8/28/99 14:00	1018.00	30.06	0.679	127.00	260.60	524.03	524.13		
8/28/99 14:15	1017.88	30.06	0.680	127.26	261.07	524.46			
8/28/99 14:30	1017.75	30.05	0.679	126.74	260.13	523.92			
8/28/99 14:45	1017.75	30.05	0.680	127.00	260.60	524.32			
8/28/99 15:00	1017.50	30.05	0.681	127.52	261.54	524.96	524.63		
8/28/99 15:15	1017.25	30.04	0.682	127.52	261.54	525.53			
8/28/99 15:30	1017.13	30.04	0.679	127.26	261.07	524.42			
8/28/99 15:45	1017.00	30.03	0.681	127.78	262.01	525.26			
8/28/99 16:00	1016.75	30.02	0.679	127.52	261.54	524.69	524.95		
8/28/99 16:15	1016.63	30.02	0.682	126.74	260.13	525.17			
8/28/99 16:30	1016.50	30.02	0.681	127.52	261.54	525.22			
8/28/99 16:45	1016.38	30.01	0.680	127.78	262.01	525.19			
8/28/99 17:00	1016.38	30.01	0.681	128.04	262.48	525.59	525.48		
8/28/99 17:15	1016.38	30.01	0.681	128.04	262.48	525.59			
8/28/99 17:30	1016.38	30.01	0.681	128.04	262.48	525.83			
8/28/99 17:45	1016.50	30.02	0.683	127.78	262.01	526.12			
8/28/99 18:00	1016.38	30.01	0.680	127.52	261.54	525.02	525.10		
8/28/99 18:15	1016.50	30.02	0.678	127.26	261.07	524.08			
8/28/99 18:30	1016.38	30.01	0.679	127.00	260.60	524.45			
8/28/99 18:45	1016.25	30.01	0.678	126.48	259.66	523.63			
8/28/99 19:00	1016.25	30.01	0.680	126.22	259.19	524.20	523.38		
8/28/99 19:15	1016.13	30.01	0.677	125.43	257.78	522.52			
8/28/99 19:30	1016.00	30.00	0.676	125.17	257.31	522.11			
8/28/99 19:45	1015.88	30.00	0.676	124.91	256.84	521.97			
8/28/99 20:00	1016.00	30.00	0.676	124.39	255.90	521.60	521.45		
8/28/99 20:15	1016.00	30.00	0.675	124.39	255.90	521.13			
8/28/99 20:30	1016.13	30.01	0.674	124.13	255.43	520.43			
8/28/99 20:45	1016.25	30.01	0.674	123.60	254.48	520.05			
8/28/99 21:00	1016.38	30.01	0.676	123.60	254.48	520.99	520.49		
8/28/99 21:15	1016.38	30.01	0.674	123.60	254.48	520.02			
8/28/99 21:30	1016.50	30.02	0.676	123.60	254.48	520.95			
8/28/99 21:45	1016.63	30.02	0.676	123.34	254.01	520.75			
8/28/99 22:00	1016.75	30.02	0.678	123.60	254.48	521.62	520.64		
8/28/99 22:15	1016.75	30.02	0.676	123.08	253.54	520.31			
8/28/99 22:30	1016.88	30.03	0.674	123.08	253.54	519.55			
8/28/99 22:45	1017.00	30.03	0.673	122.56	252.60	518.71			
8/28/99 23:00	1017.13	30.04	0.676	122.30	252.13	519.94	519.07		
8/28/99 23:15	1017.00	30.03	0.671	122.03	251.66	517.64			
8/28/99 23:30	1017.13	30.04	0.676	122.03	251.66	519.53			
8/28/99 23:45	1017.00	30.03	0.674	122.03	251.66	519.10			
8/29/99 0:00	1017.13	30.04	0.675	121.77	251.19	519.13	519.24		
8/29/99 0:15	1017.13	30.04	0.675	122.03	251.66	519.30			
8/29/99 0:30	1017.13	30.04	0.675	121.77	251.19	519.13			
8/29/99 0:45	1017.13	30.04	0.673	121.77	251.19	518.40			
8/29/99 1:00	1017.13	30.04	0.674	121.77	251.19	518.83	518.69		
8/29/99 1:15	1017.13	30.04	0.676	121.51	250.72	519.42			
8/29/99 1:30	1017.13	30.04	0.673	120.99	249.78	517.88			
8/29/99 1:45	1017.00	30.03	0.674	121.25	250.25	518.32			
8/29/99 2:00	1016.88	30.03	0.674	120.99	249.78	518.45	518.42		
8/29/99 2:15	1016.88	30.03	0.676	121.25	250.25	519.08			
8/29/99 2:30	1016.88	30.03	0.674	121.25	250.25	518.35			
8/29/99 2:45	1016.88	30.03	0.673	121.25	250.25	518.12			
8/29/99 3:00	1017.00	30.03	0.676	121.25	250.25	519.26	516.26		
8/29/99 3:15	1017.00	30.03	0.673	121.25	250.25	517.86			
8/29/99 3:30	1017.00	30.03	0.673	120.99	249.78	517.69			
8/29/99 3:45	1017.00	30.03	0.676	120.99	249.78	518.88			
8/29/99 4:00	1017.13	30.04	0.673	120.99	249.78	517.65	516.16		
8/29/99 4:15	1017.13	30.04	0.675	120.99	249.78	518.62			
8/29/99 4:30	1017.25	30.04	0.674	120.99	249.78	518.08			
8/29/99 4:45	1017.38	30.04	0.673	120.99	249.78	517.59			
8/29/99 5:00	1017.25	30.04	0.673	120.99	249.78	517.65	517.98		
8/29/99 5:15	1017.25	30.04	0.674	120.99	249.78	518.35			
8/29/99 5:30	1017.50	30.05	0.674	120.99	249.78	518.02			
8/29/99 5:45	1017.75	30.05	0.673	120.99	249.78	517.73			
8/29/99 6:00	1017.75	30.05	0.673	120.99	249.78	517.49	517.30		
8/29/99 6:15	1017.75	30.05	0.673	120.21	248.37	517.21			
8/29/99 6:30	1017.75	30.05	0.672	119.16	246.49	516.06			
8/29/99 6:45	1017.88	30.06	0.671	118.90	246.02	515.59			
8/29/99 7:00	1018.00	30.06	0.670	118.90	246.02	515.10	515.83		
8/29/99 7:15	1018.13	30.07	0.673	119.16	246.49	516.43			
8/29/99 7:30	1018.13	30.07	0.671	119.94	247.90	515.96			
8/29/99 7:45	1018.25	30.07	0.673	120.21	248.37	517.08			
8/29/99 8:00	1018.50	30.08	0.672	119.42	246.96	516.04	516.11		
8/29/99 8:15	1018.50	30.08	0.671	118.64	245.55	515.26			
8/29/99 8:30	1018.50	30.08	0.673	118.90	246.02	516.16			
8/29/99 8:45	1018.50	30.08	0.676	118.90	246.02	517.35			
8/29/99 9:00	1018.63	30.08	0.671	118.90	246.02	515.40	515.56		
8/29/99 9:15	1018.75	30.08	0.671	118.12	244.61	514.62			
8/29/99 9:30	1018.75	30.08	0.671	117.59	243.67	514.28			
8/29/99 9:45	1018.88	30.09	0.669	117.59	243.67	513.79			
8/29/99 10:00	1019.00	30.09	0.674	118.90	246.02	516.26	516.39		
8/29/99 10:15	1019.25	30.10	0.676	120.47	248.84	517.96			
8/29/99 10:30	1019.50	30.11	0.678	122.03	251.66	519.66			
8/29/99 10:45	1019.63	30.11	0.678	122.62	253.07	520.14			
8/29/99 11:00	1019.75	30.11	0.679	123.08	253.54	520.74	520.02		
8/29/99 11:15	1019.75	30.11	0.677	122.62	253.07	519.66			
8/29/99 11:30	1019.88	30.12	0.677	122.56	252.60	519.67			
8/29/99 11:45	1020.00	30.12	0.677	121.77	251.19	519.13			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/29/99 12:00	1020.00	30.12	0.675	120.99	249.78	517.88	518.91		
8/29/99 12:15	1019.88	30.12	0.678	121.77	251.19	519.39			
8/29/99 12:30	1019.88	30.12	0.676	121.51	250.72	518.49			
8/29/99 12:45	1019.88	30.12	0.674	120.73	249.31	517.25			
8/29/99 13:00	1019.75	30.11	0.676	120.73	249.31	518.01	517.69		
8/29/99 13:15	1019.63	30.11	0.673	120.99	249.78	517.25			
8/29/99 13:30	1019.75	30.11	0.674	120.99	249.78	517.45			
8/29/99 13:45	1019.63	30.11	0.676	122.03	251.66	518.90			
8/29/99 14:00	1019.63	30.11	0.674	121.25	250.25	517.92	517.69		
8/29/99 14:15	1019.50	30.11	0.674	120.47	248.84	517.17			
8/29/99 14:30	1019.38	30.10	0.675	120.99	249.78	518.04			
8/29/99 14:45	1019.38	30.10	0.673	120.21	248.37	516.57			
8/29/99 15:00	1019.25	30.10	0.671	118.90	246.02	515.01	516.57		
8/29/99 15:15	1019.13	30.09	0.672	119.42	246.96	515.89			
8/29/99 15:30	1018.88	30.09	0.674	120.47	248.84	517.33			
8/29/99 15:45	1018.75	30.08	0.671	119.94	247.90	516.06			
8/29/99 16:00	1018.75	30.08	0.669	118.64	245.55	514.51	515.45		
8/29/99 16:15	1018.75	30.08	0.669	118.64	245.55	514.24			
8/29/99 16:30	1018.75	30.08	0.671	118.90	246.02	515.14			
8/29/99 16:45	1018.75	30.08	0.669	117.85	244.14	513.72			
8/29/99 17:00	1018.75	30.08	0.672	118.64	245.55	515.47	514.72		
8/29/99 17:15	1018.75	30.08	0.670	119.16	246.49	515.08			
8/29/99 17:30	1018.88	30.09	0.670	117.85	244.14	514.19			
8/29/99 17:45	1019.00	30.09	0.670	118.38	245.08	514.50			
8/29/99 18:00	1019.13	30.09	0.671	118.38	245.08	514.70	514.51		
8/29/99 18:15	1019.25	30.10	0.673	118.12	244.61	515.23			
8/29/99 18:30	1019.38	30.10	0.671	117.33	243.20	513.95			
8/29/99 18:45	1019.50	30.11	0.672	117.07	242.73	514.24			
8/29/99 19:00	1019.63	30.11	0.671	118.12	244.61	514.63	514.24		
8/29/99 19:15	1019.75	30.11	0.672	117.85	244.14	514.70			
8/29/99 19:30	1019.75	30.11	0.671	117.07	242.73	513.88			
8/29/99 19:45	1019.88	30.12	0.671	117.33	243.20	514.05			
8/29/99 20:00	1019.88	30.12	0.673	118.12	244.61	515.30	515.19		
8/29/99 20:15	1020.00	30.12	0.675	118.90	246.02	516.51			
8/29/99 20:30	1020.13	30.12	0.674	119.16	246.49	516.42			
8/29/99 20:45	1020.38	30.13	0.674	119.68	247.43	516.70			
8/29/99 21:00	1020.63	30.14	0.675	119.16	246.49	516.52	516.36		
8/29/99 21:15	1020.75	30.14	0.672	118.64	245.55	514.96			
8/29/99 21:30	1020.88	30.15	0.677	119.16	246.49	517.19			
8/29/99 21:45	1021.13	30.15	0.678	119.42	246.96	517.52			
8/29/99 22:00	1021.25	30.16	0.674	118.64	245.55	515.52	515.64		
8/29/99 22:15	1021.50	30.16	0.674	117.59	243.67	515.04			
8/29/99 22:30	1021.63	30.17	0.671	116.29	241.32	512.93			
8/29/99 22:45	1021.88	30.18	0.673	116.29	241.32	513.59			
8/29/99 23:00	1022.00	30.18	0.672	116.55	241.79	513.27	513.37		
8/29/99 23:15	1022.13	30.18	0.673	116.02	240.84	513.35			
8/29/99 23:30	1022.13	30.18	0.673	116.55	241.79	513.70			
8/29/99 23:45	1022.25	30.19	0.672	116.29	241.32	513.04			
8/30/99 0:00	1022.25	30.19	0.673	116.55	241.79	513.67	513.37		
8/30/99 0:15	1022.38	30.19	0.673	117.07	242.73	513.75			
8/30/99 0:30	1022.50	30.19	0.671	116.29	241.32	512.71			
8/30/99 0:45	1022.63	30.20	0.670	115.24	239.43	511.53			
8/30/99 1:00	1022.63	30.20	0.671	115.24	239.43	511.76	512.43		
8/30/99 1:15	1022.63	30.20	0.674	116.02	240.84	513.46			
8/30/99 1:30	1022.75	30.20	0.673	115.24	239.43	512.68			
8/30/99 1:45	1022.75	30.20	0.671	114.98	238.96	511.56			
8/30/99 2:00	1022.75	30.20	0.669	115.76	240.37	511.61	512.30		
8/30/99 2:15	1022.63	30.20	0.671	116.02	240.84	512.50			
8/30/99 2:30	1022.50	30.19	0.674	115.50	239.90	513.14			
8/30/99 2:45	1022.38	30.19	0.669	114.72	238.49	511.02			
8/30/99 3:00	1022.38	30.19	0.669	114.98	238.96	511.19	511.91		
8/30/99 3:15	1022.25	30.19	0.671	115.76	240.37	512.43			
8/30/99 3:30	1022.13	30.18	0.669	115.76	240.37	511.77			
8/30/99 3:45	1022.25	30.19	0.668	115.76	240.37	511.24			
8/30/99 4:00	1022.25	30.19	0.670	115.24	239.43	511.62	511.36		
8/30/99 4:15	1022.25	30.19	0.669	114.72	238.49	511.05			
8/30/99 4:30	1022.38	30.19	0.669	115.24	239.43	511.10			
8/30/99 4:45	1022.25	30.19	0.671	115.50	239.90	512.25			
8/30/99 5:00	1022.38	30.19	0.669	115.76	240.37	511.71	511.52		
8/30/99 5:15	1022.50	30.19	0.669	115.76	240.37	511.41			
8/30/99 5:30	1022.50	30.19	0.668	116.02	240.84	511.12			
8/30/99 5:45	1022.50	30.19	0.668	115.76	240.37	511.18			
8/30/99 6:00	1022.63	30.20	0.668	115.76	240.37	510.92	511.65		
8/30/99 6:15	1022.88	30.21	0.670	116.81	242.26	512.50			
8/30/99 6:30	1023.00	30.21	0.671	116.55	241.79	512.52			
8/30/99 6:45	1023.00	30.21	0.669	116.81	242.26	512.24			
8/30/99 7:00	1023.25	30.22	0.666	116.81	242.26	510.95	511.97		
8/30/99 7:15	1023.25	30.22	0.669	116.81	242.26	512.17			
8/30/99 7:30	1023.50	30.22	0.668	117.33	243.20	511.96			
8/30/99 7:45	1023.75	30.23	0.669	116.81	242.26	511.78			
8/30/99 8:00	1023.75	30.23	0.666	117.07	242.73	511.00	515.04		
8/30/99 8:15	1023.75	30.23	0.724	114.46	238.02	531.06			
8/30/99 8:30	1024.00	30.24	0.664	115.76	240.37	509.39			
8/30/99 8:45	1024.00	30.24	0.662	117.07	242.73	509.28			
8/30/99 9:00	1024.13	30.24	0.666	117.07	242.73	510.67	510.34		
8/30/99 9:15	1024.13	30.24	0.666	117.85	244.14	511.91			
8/30/99 9:30	1024.13	30.24	0.664	117.85	244.14	510.45			
8/30/99 9:45	1024.25	30.25	0.668	118.12	244.61	512.05			
8/30/99 10:00	1024.25	30.25	0.665	118.64	245.55	511.43	512.06		
8/30/99 10:15	1024.38	30.25	0.666	118.90	246.02	512.53			
8/30/99 10:30	1024.38	30.25	0.670	119.42	246.96	513.83			
8/30/99 10:45	1024.25	30.25	0.671	119.94	247.90	514.67			
8/30/99 11:00	1024.38	30.25	0.669	119.88	247.43	513.51	513.73		
8/30/99 11:15	1024.38	30.25	0.669	119.88	247.43	513.78			
8/30/99 11:30	1024.38	30.25	0.668	119.42	246.96	512.87			
8/30/99 11:45	1024.25	30.25	0.666	118.90	246.02	512.07			
8/30/99 12:00	1024.25	30.25	0.666	118.12	244.61	512.05	512.76		
8/30/99 12:15	1024.38	30.25	0.669	118.90	246.02	512.99			
8/30/99 12:30	1024.13	30.24	0.670	119.42	246.96	513.90			
8/30/99 12:45	1024.00	30.24	0.671	120.47	248.84	515.07			
8/30/99 13:00	1023.88	30.23	0.668	118.12	244.61	512.38	513.66		
8/30/99 13:15	1023.75	30.23	0.669	119.42	246.96	513.76			
8/30/99 13:30	1023.63	30.23	0.669	118.90	246.02	513.18			
8/30/99 13:45	1023.50	30.22	0.672	119.66	247.43	514.95			
8/30/99 14:00	1023.63	30.23	0.669	119.18	246.49	513.35	513.73		
8/30/99 14:15	1023.63	30.23	0.669	119.42	246.96	513.52			
8/30/99 14:30	1023.50	30.22	0.669	119.16	246.49	513.65			
8/30/99 14:45	1023.38	30.22	0.669	119.16	246.49	513.42			
8/30/99 15:00	1023.13	30.21	0.673	120.99	249.78	516.36	515.24		
8/30/99 15:15	1023.00	30.21	0.672	122.03	251.66	516.62			
8/30/99 15:30	1022.75	30.20	0.672	121.25	250.25	516.17			
8/30/99 15:45	1022.63	30.20	0.671	120.99	249.78	515.76			
8/30/99 16:00	1022.50	30.19	0.671	120.73	249.31	515.82	515.48		
8/30/99 16:15	1022.38	30.19	0.673	119.66	247.43	515.47			
8/30/99 16:30	1022.25	30.19	0.670	119.42	246.96	514.37			
8/30/99 16:45	1022.13	30.18	0.676	122.03	251.66	518.26			
8/30/99 17:00	1022.00	30.18	0.674	122.30	252.13	517.73	517.24		
8/30/99 17:15	1021.88	30.18	0.676	122.82	253.07	518.84			
8/30/99 17:30	1021.88	30.18	0.673	121.51	250.72	517.02			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/30/99 17:45	1021.88	30.18	0.672	121.51	250.72	518.58			
8/30/99 18:00	1021.88	30.18	0.676	122.03	251.66	518.32	517.54		
8/30/99 18:15	1021.88	30.18	0.673	122.56	252.60	517.71			
8/30/99 18:30	1021.75	30.17	0.674	122.30	252.13	518.07			
8/30/99 18:45	1021.88	30.18	0.674	122.56	252.60	518.21			
8/30/99 19:00	1021.75	30.17	0.673	120.73	249.31	518.54	517.09		
8/30/99 19:15	1021.75	30.17	0.673	120.73	249.31	516.54			
8/30/99 19:30	1021.88	30.18	0.671	121.25	250.25	516.12			
8/30/99 19:45	1021.88	30.18	0.674	122.30	252.13	517.77			
8/30/99 20:00	1021.88	30.18	0.674	122.56	252.60	518.21	517.62		
8/30/99 20:15	1021.88	30.18	0.673	122.30	252.13	517.30			
8/30/99 20:30	1021.88	30.18	0.676	122.30	252.13	518.73			
8/30/99 20:45	1022.00	30.18	0.676	122.03	251.66	518.29			
8/30/99 21:00	1022.13	30.18	0.675	121.77	251.19	517.86	517.90		
8/30/99 21:15	1022.13	30.18	0.674	121.25	250.25	517.29			
8/30/99 21:30	1022.25	30.19	0.675	120.99	249.78	517.31			
8/30/99 21:45	1022.38	30.19	0.678	119.94	247.90	517.55			
8/30/99 22:00	1022.25	30.19	0.674	119.94	247.90	516.40	516.61		
8/30/99 22:15	1022.25	30.19	0.674	119.94	247.90	516.13			
8/30/99 22:30	1022.38	30.19	0.673	119.94	247.90	515.64			
8/30/99 22:45	1022.50	30.19	0.676	119.94	247.90	516.79			
8/30/99 23:00	1022.63	30.20	0.676	119.94	247.90	516.76	516.23		
8/30/99 23:15	1022.63	30.20	0.674	119.42	246.96	515.96			
8/30/99 23:30	1022.63	30.20	0.675	119.16	246.49	516.02			
8/30/99 23:45	1022.63	30.20	0.674	118.90	246.02	515.35			
8/31/99 0:00	1022.63	30.20	0.673	118.64	245.55	514.95	515.29		
8/31/99 0:15	1022.75	30.20	0.673	118.64	245.55	514.92			
8/31/99 0:30	1022.75	30.20	0.674	118.38	245.08	515.24			
8/31/99 0:45	1022.75	30.20	0.675	118.12	244.61	515.30			
8/31/99 1:00	1022.88	30.21	0.675	117.85	244.14	515.10	514.72		
8/31/99 1:15	1022.88	30.21	0.673	117.59	243.67	513.97			
8/31/99 1:30	1022.75	30.20	0.673	117.59	243.67	514.00			
8/31/99 1:45	1022.63	30.20	0.673	117.59	243.67	514.26			
8/31/99 2:00	1022.63	30.20	0.675	117.85	244.14	515.16	514.44		
8/31/99 2:15	1022.50	30.19	0.674	117.85	244.14	514.96			
8/31/99 2:30	1022.50	30.19	0.672	117.59	243.67	513.83			
8/31/99 2:45	1022.50	30.19	0.672	117.33	243.20	513.66			
8/31/99 3:00	1022.50	30.19	0.673	117.33	243.20	513.89	513.59		
8/31/99 3:15	1022.63	30.20	0.672	117.07	242.73	513.46			
8/31/99 3:30	1022.63	30.20	0.672	116.55	241.79	513.11			
8/31/99 3:45	1022.63	30.20	0.671	116.55	241.79	512.85			
8/31/99 4:00	1022.63	30.20	0.672	116.55	241.79	513.11	513.22		
8/31/99 4:15	1022.63	30.20	0.673	116.29	241.32	513.40			
8/31/99 4:30	1022.75	30.20	0.674	116.29	241.32	513.60			
8/31/99 4:45	1022.88	30.21	0.673	116.29	241.32	513.11			
8/31/99 5:00	1022.88	30.21	0.674	116.29	241.32	513.57	513.21		
8/31/99 5:15	1022.88	30.21	0.672	116.29	241.32	512.88			
8/31/99 5:30	1022.88	30.21	0.672	116.29	241.32	512.88			
8/31/99 5:45	1023.00	30.21	0.670	116.29	241.32	512.12			
8/31/99 6:00	1023.00	30.21	0.673	116.55	241.79	513.48	513.02		
8/31/99 6:15	1023.13	30.21	0.674	116.02	240.84	513.33			
8/31/99 6:30	1023.25	30.22	0.674	116.02	240.84	513.30			
8/31/99 8:45	1023.38	30.22	0.673	116.29	241.32	513.21			
8/31/99 7:00	1023.50	30.22	0.675	116.02	240.84	513.73	513.08		
8/31/99 7:15	1023.75	30.23	0.672	116.02	240.84	512.49			
8/31/99 7:30	1023.75	30.23	0.672	116.29	241.32	512.66			
8/31/99 7:45	1023.88	30.23	0.668	116.55	241.79	511.12			
8/31/99 8:00	1024.00	30.24	0.754	112.37	234.26	540.17	536.38		
8/31/99 8:15	1024.13	30.24	0.841	106.10	222.97	565.97			
8/31/99 8:30	1024.38	30.25	0.798	107.14	224.85	551.97			
8/31/99 8:45	1024.50	30.25	0.688	116.02	240.84	518.44			
8/31/99 9:00	1024.50	30.25	0.693	116.55	241.79	520.67	526.43		
8/31/99 9:15	1024.50	30.25	0.689	117.59	243.67	519.97			
8/31/99 9:30	1024.50	30.25	0.692	117.85	244.14	521.09			
8/31/99 9:45	1024.63	30.26	0.669	118.12	244.61	520.29			
8/31/99 10:00	1024.38	30.25	0.669	118.38	245.08	520.26	521.30		
8/31/99 10:15	1024.38	30.25	0.694	119.16	246.49	522.67			
8/31/99 10:30	1024.38	30.25	0.692	119.42	246.96	522.16			
8/31/99 10:45	1024.38	30.25	0.691	119.94	247.90	522.02			
8/31/99 11:00	1024.38	30.25	0.708	119.42	246.96	528.02	524.98		
8/31/99 11:15	1024.38	30.25	0.700	119.94	247.90	525.56			
8/31/99 11:30	1024.13	30.24	0.703	120.47	248.84	527.14			
8/31/99 11:45	1024.13	30.24	0.703	120.73	249.31	527.09			
8/31/99 12:00	1023.88	30.23	0.703	121.25	250.25	527.73	527.78		
8/31/99 12:15	1023.88	30.23	0.703	121.51	250.72	527.68			
8/31/99 12:30	1023.75	30.23	0.706	121.77	251.19	529.27			
8/31/99 12:45	1023.63	30.23	0.703	121.77	251.19	527.92			
8/31/99 13:00	1023.38	30.22	0.704	122.03	251.66	528.87	529.41		
8/31/99 13:15	1023.25	30.22	0.707	122.30	252.13	530.01			
8/31/99 13:30	1023.13	30.21	0.709	122.30	252.13	530.98			
8/31/99 13:45	1023.13	30.21	0.709	122.82	253.07	531.33			
8/31/99 14:00	1023.00	30.21	0.713	123.08	253.54	532.70	532.25		
8/31/99 14:15	1022.88	30.21	0.712	123.34	254.01	532.68			
8/31/99 14:30	1022.75	30.20	0.714	123.60	254.48	533.57			
8/31/99 14:45	1022.50	30.19	0.714	123.34	254.01	533.72			
8/31/99 15:00	1022.50	30.19	0.716	123.60	254.48	534.34	534.44		
8/31/99 15:15	1022.38	30.19	0.717	123.86	254.95	535.03			
8/31/99 15:30	1022.13	30.18	0.718	123.86	254.95	535.55			
8/31/99 15:45	1022.13	30.18	0.719	124.13	255.43	536.21			
8/31/99 16:00	1022.00	30.18	0.718	124.39	255.90	535.93	535.88		
8/31/99 16:15	1021.88	30.18	0.719	123.86	254.95	536.10			
8/31/99 16:30	1021.88	30.18	0.718	123.86	254.95	535.61			
8/31/99 16:45	1021.75	30.17	0.721	123.88	254.95	536.56			
8/31/99 17:00	1021.63	30.17	0.720	124.39	255.90	536.74	536.68		
8/31/99 17:15	1021.63	30.17	0.723	124.39	255.90	537.67			
8/31/99 17:30	1021.63	30.17	0.721	124.13	255.43	536.79			
8/31/99 17:45	1021.50	30.16	0.720	124.13	255.43	536.60			
8/31/99 18:00	1021.50	30.18	0.719	123.60	254.48	536.02	536.18		
8/31/99 18:15	1021.50	30.16	0.719	123.34	254.01	535.84			
8/31/99 18:30	1021.50	30.16	0.719	123.08	253.54	535.87			
8/31/99 18:45	1021.38	30.16	0.718	122.82	253.07	535.04			
8/31/99 19:00	1021.25	30.16	0.722	122.56	252.60	536.31	535.41		
8/31/99 19:15	1021.25	30.16	0.721	122.03	251.66	535.69			
8/31/99 19:30	1021.25	30.16	0.718	121.77	251.19	534.37			
8/31/99 19:45	1021.13	30.15	0.720	121.25	250.25	534.75			
8/31/99 20:00	1021.13	30.15	0.721	120.47	248.84	534.44	533.76		
8/31/99 20:15	1021.00	30.15	0.718	119.68	247.43	532.79			
8/31/99 20:30	1020.88	30.15	0.718	119.16	246.49	532.47			
8/31/99 20:45	1020.75	30.14	0.716	118.12	244.61	531.35			
8/31/99 21:00	1020.75	30.14	0.714	117.59	243.67	530.29	530.82		
8/31/99 21:15	1021.00	30.15	0.716	117.07	242.73	530.57			
8/31/99 21:30	1021.00	30.15	0.714	116.81	242.26	529.43			
8/31/99 21:45	1021.25	30.16	0.716	116.55	241.79	530.15			
8/31/99 22:00	1021.25	30.16	0.716	116.29	241.32	529.72	529.63		
8/31/99 22:15	1021.25	30.16	0.716	116.02	240.84	529.54			
8/31/99 22:30	1021.38	30.16	0.715	116.02	240.84	529.28			
8/31/99 22:45	1021.50	30.16	0.717	115.76	240.37	529.78			
8/31/99 23:00	1021.50	30.16	0.716	115.50	239.90	529.12	529.44		
8/31/99 23:15	1021.63	30.17	0.717	115.24	239.43	529.39			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
8/31/99 23:30	1021.63	30.17	0.718	115.24	239.43	529.61			
8/31/99 23:45	1021.50	30.16	0.715	114.98	238.96	528.54			
9/1/99 0:00	1021.50	30.16	0.947	107.14	224.85	602.07	600.42		
9/1/99 0:15	1021.50	30.16	1.233	90.16	194.28	671.39			
9/1/99 0:30	1021.50	30.16	1.232	89.37	192.87	670.50			
9/1/99 0:45	1021.50	30.16	1.232	89.37	192.87	670.50			
9/1/99 1:00	1021.63	30.17	1.228	89.11	192.40	669.02	669.91		
9/1/99 1:15	1021.63	30.17	1.226	89.11	192.40	668.67			
9/1/99 1:30	1021.75	30.17	1.234	89.11	192.40	670.86			
9/1/99 1:45	1021.75	30.17	1.232	89.11	192.40	670.18			
9/1/99 2:00	1021.88	30.18	1.229	89.11	192.40	669.27	669.99		
9/1/99 2:15	1021.75	30.17	1.231	89.11	192.40	669.83			
9/1/99 2:30	1021.75	30.17	1.231	89.11	192.40	669.83			
9/1/99 2:45	1021.75	30.17	1.227	89.11	192.40	668.82			
9/1/99 3:00	1021.63	30.17	1.229	88.85	191.93	669.30	669.50		
9/1/99 3:15	1021.63	30.17	1.231	88.85	191.93	669.79			
9/1/99 3:30	1021.63	30.17	1.231	88.85	191.93	669.79			
9/1/99 3:45	1021.63	30.17	1.228	88.85	191.93	668.78			
9/1/99 4:00	1021.88	30.18	1.226	88.59	191.46	667.94	668.95		
9/1/99 4:15	1021.88	30.18	1.229	88.59	191.46	668.78			
9/1/99 4:30	1021.88	30.18	1.231	88.59	191.46	669.46			
9/1/99 4:45	1021.88	30.18	1.228	88.59	191.46	668.46			
9/1/99 5:00	1022.00	30.18	1.225	88.33	190.99	667.49	668.15		
9/1/99 5:15	1022.00	30.18	1.226	88.33	190.99	667.82			
9/1/99 5:30	1022.13	30.18	1.224	88.59	191.46	667.53			
9/1/99 5:45	1022.13	30.18	1.220	88.33	190.99	666.09			
9/1/99 6:00	1022.50	30.19	1.225	88.59	191.46	667.57	667.25		
9/1/99 6:15	1022.63	30.20	1.223	88.59	191.46	667.01			
9/1/99 6:30	1022.75	30.20	1.226	88.85	191.93	668.06			
9/1/99 6:45	1022.88	30.21	1.225	88.33	190.99	667.21			
9/1/99 7:00	1023.00	30.21	1.124	90.16	194.28	640.80	604.99		
9/1/99 7:15	1023.13	30.21	0.712	110.02	230.03	523.60			
9/1/99 7:30	1023.25	30.22	0.711	112.69	235.20	525.26			
9/1/99 7:45	1023.25	30.22	0.714	113.15	235.67	526.62			
9/1/99 8:00	1023.25	30.22	0.717	113.87	236.61	527.90	526.65		
9/1/99 8:15	1023.25	30.22	0.716	114.20	237.55	527.78			
9/1/99 8:30	1023.38	30.22	0.710	114.20	237.55	525.68			
9/1/99 8:45	1023.38	30.22	0.717	114.46	238.02	528.40			
9/1/99 9:00	1023.25	30.22	0.713	115.24	239.43	527.56	528.37		
9/1/99 9:15	1023.38	30.22	0.717	115.76	240.37	529.29			
9/1/99 9:30	1023.38	30.22	0.719	116.81	242.26	530.93			
9/1/99 9:45	1023.25	30.22	0.716	116.81	242.26	529.81			
9/1/99 10:00	1023.38	30.22	0.719	117.85	244.14	531.41	531.03		
9/1/99 10:15	1023.50	30.22	0.718	118.12	244.61	531.30			
9/1/99 10:30	1023.38	30.22	0.718	118.64	245.55	531.69			
9/1/99 10:45	1023.38	30.22	0.720	119.16	246.49	532.75			
9/1/99 11:00	1023.25	30.22	0.719	119.42	246.96	532.73	532.53		
9/1/99 11:15	1023.13	30.21	0.718	119.42	246.96	532.28			
9/1/99 11:30	1022.88	30.21	0.719	119.94	247.90	533.19			
9/1/99 11:45	1022.88	30.21	0.721	119.94	247.90	533.83			
9/1/99 12:00	1022.88	30.21	0.719	120.21	248.37	533.36	533.70		
9/1/99 12:15	1022.88	30.21	0.721	120.47	248.84	533.98			
9/1/99 12:30	1022.75	30.20	0.720	121.25	250.25	534.33			
9/1/99 12:45	1022.63	30.20	0.718	121.51	250.72	533.83			
9/1/99 13:00	1022.38	30.19	0.719	121.51	250.72	534.15	534.23		
9/1/99 13:15	1022.25	30.19	0.719	120.99	249.78	534.06			
9/1/99 13:30	1022.13	30.18	0.719	122.03	251.66	534.80			
9/1/99 13:45	1022.00	30.18	0.721	122.56	252.60	535.85			
9/1/99 14:00	1021.75	30.17	0.720	122.82	253.07	535.65	536.56		
9/1/99 14:15	1021.75	30.17	0.721	122.82	253.07	536.09			
9/1/99 14:30	1021.63	30.17	0.734	122.30	252.13	540.40			
9/1/99 14:45	1021.50	30.16	0.713	124.13	255.43	534.02			
9/1/99 15:00	1021.38	30.16	0.713	124.39	255.90	534.23	534.84		
9/1/99 15:15	1021.25	30.16	0.711	123.86	254.95	532.97			
9/1/99 15:30	1021.00	30.15	0.709	123.86	254.95	532.59			
9/1/99 15:45	1020.88	30.15	0.713	123.60	254.48	533.61			
9/1/99 16:00	1020.75	30.14	0.713	124.65	256.37	534.34	534.20		
9/1/99 16:15	1020.63	30.14	0.714	124.91	256.84	535.26			
9/1/99 16:30	1020.50	30.14	0.714	125.17	257.31	535.21			
9/1/99 16:45	1020.38	30.13	0.713	125.17	257.31	535.01			
9/1/99 17:00	1020.25	30.13	0.713	124.91	256.84	534.85	534.93		
9/1/99 17:15	1020.13	30.12	0.713	125.17	257.31	534.86			
9/1/99 17:30	1020.00	30.12	0.713	124.91	256.84	534.94			
9/1/99 17:45	1019.88	30.12	0.710	124.65	256.37	533.63			
9/1/99 18:00	1019.88	30.12	0.710	124.13	255.43	533.28	533.89		
9/1/99 18:15	1019.75	30.11	0.712	124.13	255.43	534.03			
9/1/99 18:30	1019.75	30.11	0.711	123.86	254.95	533.59			
9/1/99 18:45	1019.88	30.12	0.711	123.60	254.48	533.38			
9/1/99 19:00	1019.75	30.11	0.713	123.34	254.01	533.72	533.33		
9/1/99 19:15	1019.75	30.11	0.710	123.34	254.01	532.79			
9/1/99 19:30	1019.75	30.11	0.712	122.82	253.07	533.15			
9/1/99 19:45	1019.75	30.11	0.710	121.77	251.19	531.73			
9/1/99 20:00	1019.88	30.12	0.709	120.73	249.31	530.51	530.75		
9/1/99 20:15	1020.00	30.12	0.707	119.94	247.90	529.28			
9/1/99 20:30	1020.13	30.12	0.707	119.88	247.43	529.07			
9/1/99 20:45	1020.25	30.13	0.709	119.16	246.49	529.38			
9/1/99 21:00	1020.38	30.13	0.708	118.84	245.55	528.52	528.79		
9/1/99 21:15	1020.38	30.13	0.709	118.12	244.61	528.62			
9/1/99 21:30	1020.63	30.14	0.709	117.85	244.14	528.38			
9/1/99 21:45	1020.63	30.14	0.708	117.59	243.67	527.75			
9/1/99 22:00	1020.88	30.15	0.708	117.07	242.73	527.34	527.85		
9/1/99 22:15	1020.75	30.14	0.707	117.07	242.73	527.15			
9/1/99 22:30	1021.00	30.15	0.709	116.55	241.79	527.66			
9/1/99 22:45	1021.00	30.15	0.708	116.55	241.79	528.95			
9/1/99 23:00	1021.00	30.15	0.708	116.29	241.32	527.00	527.00		
9/1/99 23:15	1021.13	30.15	0.706	115.76	240.37	525.91			
9/1/99 23:30	1021.13	30.15	0.710	116.02	240.84	527.50			
9/1/99 23:45	1021.13	30.15	0.707	115.50	239.90	525.99			
9/2/99 0:00	1021.13	30.15	0.706	115.24	239.43	525.55	526.17		
9/2/99 0:15	1021.25	30.16	0.707	115.24	239.43	525.78			
9/2/99 0:30	1021.25	30.16	0.708	114.98	238.96	526.05			
9/2/99 0:45	1021.13	30.15	0.705	114.98	238.96	524.93			
9/2/99 1:00	1021.13	30.15	0.706	114.98	238.96	525.15	525.70		
9/2/99 1:15	1020.88	30.15	0.707	114.98	238.96	525.70			
9/2/99 1:30	1020.75	30.14	0.709	114.98	238.96	526.66			
9/2/99 1:45	1020.75	30.14	0.707	114.98	238.96	525.73			
9/2/99 2:00	1020.75	30.14	0.705	114.72	238.49	524.85	525.98		
9/2/99 2:15	1020.75	30.14	0.709	114.98	238.96	526.40			
9/2/99 2:30	1020.63	30.14	0.709	114.72	238.49	526.26			
9/2/99 2:45	1020.50	30.14	0.709	114.20	237.55	525.93			
9/2/99 3:00	1020.50	30.14	0.710	114.46	238.02	526.59	526.16		
9/2/99 3:15	1020.38	30.13	0.709	114.46	238.02	526.14			
9/2/99 3:30	1020.50	30.14	0.708	114.46	238.02	525.69			
9/2/99 3:45	1020.63	30.14	0.709	114.20	237.55	526.16			
9/2/99 4:00	1020.75	30.14	0.708	114.46	238.02	525.82	525.77		
9/2/99 4:15	1020.63	30.14	0.711	114.20	237.55	526.61			
9/2/99 4:30	1020.75	30.14	0.706	113.67	236.61	524.36			
9/2/99 4:45	1020.63	30.14	0.709	113.67	236.61	525.55			
9/2/99 5:00	1020.75	30.14	0.706	113.67	236.61	524.59	524.53		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/2/99 5:15	1020.75	30.14	0.704	113.41	236.14	523.74			
9/2/99 5:30	1020.75	30.14	0.706	113.41	236.14	524.41			
9/2/99 5:45	1020.75	30.14	0.708	113.67	236.61	525.07			
9/2/99 6:00	1021.00	30.15	0.706	113.67	236.61	525.23	524.73		
9/2/99 6:15	1021.00	30.15	0.706	113.15	235.67	524.17			
9/2/99 6:30	1021.13	30.15	0.708	113.41	236.14	524.80			
9/2/99 6:45	1021.38	30.16	0.709	113.41	236.14	525.18			
9/2/99 7:00	1021.63	30.17	0.708	113.67	236.61	524.85	525.17		
9/2/99 7:15	1021.75	30.17	0.709	113.41	236.14	525.34			
9/2/99 7:30	1021.88	30.16	0.710	113.67	236.61	525.71			
9/2/99 7:45	1022.00	30.18	0.709	113.67	236.61	525.45			
9/2/99 8:00	1022.13	30.18	0.710	113.93	237.08	525.62	528.51		
9/2/99 8:15	1022.25	30.19	0.732	113.41	236.14	533.46			
9/2/99 8:30	1022.25	30.19	0.728	113.41	236.14	532.09			
9/2/99 8:45	1022.38	30.19	0.703	115.78	240.37	524.21			
9/2/99 9:00	1022.38	30.19	0.702	116.55	241.79	524.51	526.69		
9/2/99 9:15	1022.38	30.19	0.706	117.33	243.20	526.84			
9/2/99 9:30	1022.25	30.19	0.706	117.85	244.14	527.03			
9/2/99 9:45	1022.25	30.19	0.706	118.64	245.55	527.33			
9/2/99 10:00	1022.13	30.18	0.707	118.90	246.02	528.02	528.33		
9/2/99 10:15	1021.88	30.18	0.709	119.68	247.43	529.29			
9/2/99 10:30	1021.75	30.17	0.710	119.94	247.90	529.98			
9/2/99 10:45	1021.75	30.17	0.709	120.21	248.37	529.93			
9/2/99 11:00	1021.75	30.17	0.711	121.25	250.25	531.31	530.65		
9/2/99 11:15	1021.63	30.17	0.709	121.77	251.19	530.76			
9/2/99 11:30	1021.50	30.16	0.710	121.77	251.19	531.28			
9/2/99 11:45	1021.25	30.16	0.710	121.77	251.19	531.34			
9/2/99 12:00	1021.13	30.15	0.712	121.51	250.72	531.91	531.44		
9/2/99 12:15	1021.00	30.15	0.710	121.51	250.72	531.23			
9/2/99 12:30	1020.75	30.14	0.709	122.03	251.66	531.42			
9/2/99 12:45	1020.75	30.14	0.711	122.30	252.13	532.05			
9/2/99 13:00	1020.63	30.14	0.712	122.82	253.07	532.92	532.86		
9/2/99 13:15	1020.38	30.13	0.713	123.60	254.48	533.96			
9/2/99 13:30	1020.25	30.13	0.713	123.86	254.95	533.95			
9/2/99 13:45	1020.00	30.12	0.713	124.39	255.90	534.59			
9/2/99 14:00	1019.88	30.12	0.714	124.65	256.37	535.28	481.08		
9/2/99 14:15	1019.88	30.12	0.569	119.42	246.96	474.44			
9/2/99 14:30	1019.75	30.11	0.286	97.73	207.92	327.17			
9/2/99 14:45	1019.50	30.11	0.707	120.73	249.31	529.93			
9/2/99 15:00	1019.38	30.10	0.711	123.86	254.95	533.69	492.19		
9/2/99 15:15	1019.13	30.09	0.713	124.91	256.84	534.94			
9/2/99 15:30	1019.00	30.09	0.713	124.91	256.84	535.20			
9/2/99 15:45	1018.75	30.08	0.713	125.43	257.78	535.62			
9/2/99 16:00	1018.63	30.08	0.713	125.95	258.72	535.78	536.20		
9/2/99 16:15	1018.38	30.07	0.716	126.22	259.19	537.18			
9/2/99 16:30	1018.13	30.07	0.716	126.22	259.19	537.25			
9/2/99 16:45	1018.00	30.06	0.714	125.69	258.25	536.48			
9/2/99 17:00	1018.00	30.06	0.716	125.95	258.72	537.10	536.98		
9/2/99 17:15	1017.88	30.06	0.717	125.95	258.72	537.62			
9/2/99 17:30	1017.88	30.06	0.714	125.95	258.72	536.42			
9/2/99 17:45	1017.88	30.06	0.715	125.17	257.31	536.38			
9/2/99 18:00	1017.75	30.05	0.717	125.43	257.78	537.31	536.62		
9/2/99 18:15	1017.75	30.05	0.716	124.91	256.84	536.47			
9/2/99 18:30	1017.88	30.06	0.716	124.65	256.37	536.52			
9/2/99 18:45	1017.88	30.06	0.714	124.39	255.90	535.63			
9/2/99 19:00	1018.00	30.06	0.714	124.13	255.43	535.42	535.82		
9/2/99 19:15	1018.00	30.06	0.716	124.39	255.90	536.05			
9/2/99 19:30	1018.13	30.07	0.716	123.60	254.48	535.49			
9/2/99 19:45	1018.13	30.07	0.715	122.82	253.07	534.73			
9/2/99 20:00	1018.13	30.07	0.714	122.03	251.66	533.98	533.75		
9/2/99 20:15	1018.25	30.07	0.714	121.25	250.25	533.18			
9/2/99 20:30	1018.38	30.07	0.710	120.73	249.31	531.39			
9/2/99 20:45	1018.38	30.07	0.711	120.21	248.37	531.26			
9/2/99 21:00	1018.50	30.08	0.712	119.94	247.90	531.54	531.11		
9/2/99 21:15	1018.63	30.08	0.711	119.42	246.96	530.89			
9/2/99 21:30	1018.75	30.08	0.711	119.16	246.49	530.46			
9/2/99 21:45	1018.75	30.08	0.714	119.16	246.49	531.61			
9/2/99 22:00	1018.88	30.09	0.713	118.90	246.02	531.18	530.69		
9/2/99 22:15	1019.00	30.09	0.713	118.38	245.08	530.79			
9/2/99 22:30	1019.13	30.09	0.710	118.12	244.61	529.43			
9/2/99 22:45	1019.25	30.10	0.712	118.12	244.61	530.10			
9/2/99 23:00	1019.25	30.10	0.711	117.85	244.14	529.44	529.44		
9/2/99 23:15	1019.00	30.09	0.711	117.59	243.67	529.33			
9/2/99 23:30	1019.00	30.09	0.709	117.59	243.67	528.88			
9/2/99 23:45	1019.00	30.09	0.711	117.59	243.67	529.55			
9/3/99 0:00	1019.13	30.09	0.711	117.33	243.20	529.12	529.05		
9/3/99 0:15	1019.13	30.09	0.713	117.33	243.20	529.63			
9/3/99 0:30	1019.13	30.09	0.709	116.55	241.79	527.88			
9/3/99 0:45	1019.13	30.09	0.708	116.55	241.79	527.44			
9/3/99 1:00	1019.13	30.09	0.708	116.55	241.79	527.66	527.74		
9/3/99 1:15	1019.00	30.09	0.709	116.55	241.79	528.18			
9/3/99 1:30	1018.88	30.09	0.708	116.29	241.32	527.55			
9/3/99 1:45	1018.88	30.09	0.708	116.02	240.84	527.37			
9/3/99 2:00	1018.75	30.08	0.709	116.02	240.84	527.63	527.68		
9/3/99 2:15	1018.63	30.08	0.709	116.02	240.84	527.92			
9/3/99 2:30	1018.50	30.08	0.709	116.02	240.84	527.95			
9/3/99 2:45	1018.50	30.08	0.709	116.02	240.84	527.95			
9/3/99 3:00	1018.50	30.08	0.708	115.78	240.37	527.29	527.64		
9/3/99 3:15	1018.50	30.08	0.708	116.02	240.84	527.47			
9/3/99 3:30	1018.50	30.08	0.709	115.78	240.37	527.51			
9/3/99 3:45	1018.50	30.08	0.710	116.02	240.84	528.17			
9/3/99 4:00	1018.50	30.08	0.711	115.78	240.37	528.44	527.71		
9/3/99 4:15	1018.50	30.08	0.708	115.78	240.37	527.07			
9/3/99 4:30	1018.50	30.08	0.709	115.50	239.90	527.34			
9/3/99 4:45	1018.50	30.08	0.711	115.50	239.90	528.04			
9/3/99 5:00	1018.50	30.08	0.708	115.24	239.43	526.94	527.40		
9/3/99 5:15	1018.75	30.08	0.710	115.24	239.43	527.58			
9/3/99 5:30	1018.75	30.08	0.709	115.24	239.43	527.10			
9/3/99 5:45	1018.88	30.09	0.708	114.98	238.96	526.86			
9/3/99 6:00	1019.00	30.09	0.709	114.98	238.96	526.85	527.01		
9/3/99 6:15	1019.00	30.09	0.710	114.98	238.96	527.34			
9/3/99 6:30	1019.13	30.09	0.709	114.98	238.96	527.08			
9/3/99 6:45	1019.25	30.10	0.708	114.98	238.96	526.57			
9/3/99 7:00	1019.25	30.10	0.708	114.98	238.96	526.34	526.57		
9/3/99 7:15	1019.25	30.10	0.709	114.98	238.96	526.79			
9/3/99 7:30	1019.50	30.11	0.707	114.98	238.96	528.05			
9/3/99 7:45	1019.50	30.11	0.709	114.98	238.96	526.72			
9/3/99 8:00	1019.63	30.11	0.710	115.24	239.43	527.35	527.20		
9/3/99 8:15	1019.75	30.11	0.710	115.78	240.37	527.67			
9/3/99 8:30	1019.75	30.11	0.710	116.55	241.79	528.21			
9/3/99 8:45	1019.83	30.11	0.709	117.59	243.67	528.72			
9/3/99 9:00	1019.50	30.11	0.708	117.59	243.67	528.27	528.43		
9/3/99 9:15	1019.63	30.11	0.709	117.59	243.67	528.72			
9/3/99 9:30	1019.63	30.11	0.708	117.59	243.67	528.24			
9/3/99 9:45	1019.63	30.11	0.711	118.12	244.61	529.52			
9/3/99 10:00	1019.63	30.11	0.712	118.64	245.55	530.36	529.72		
9/3/99 10:15	1019.63	30.11	0.710	118.90	246.02	529.83			
9/3/99 10:30	1019.63	30.11	0.711	119.42	246.96	530.63			
9/3/99 10:45	1019.50	30.11	0.711	120.21	248.37	530.97			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/3/99 11:00	1019.50	30.11	0.711	121.25	250.25	531.90	531.82		
9/3/99 11:15	1019.38	30.10	0.711	121.25	250.25	531.70			
9/3/99 11:30	1019.38	30.10	0.714	122.82	253.07	533.92			
9/3/99 11:45	1019.25	30.10	0.715	123.08	253.54	534.62			
9/3/99 12:00	1019.13	30.09	0.713	123.08	253.54	533.94	534.43		
9/3/99 12:15	1019.00	30.09	0.714	122.30	252.13	533.93			
9/3/99 12:30	1018.88	30.09	0.716	123.86	254.95	535.73			
9/3/99 12:45	1018.75	30.08	0.716	123.86	254.95	535.76			
9/3/99 13:00	1018.50	30.08	0.716	124.65	256.37	536.09	536.30		
9/3/99 13:15	1018.38	30.07	0.716	125.17	257.31	536.74			
9/3/99 13:30	1018.38	30.07	0.718	125.17	257.31	537.19			
9/3/99 13:45	1018.25	30.07	0.716	125.17	257.31	536.51			
9/3/99 14:00	1018.13	30.07	0.716	125.69	258.25	537.16	537.24		
9/3/99 14:15	1017.88	30.06	0.717	125.95	258.72	537.62			
9/3/99 14:30	1017.75	30.05	0.718	125.69	258.25	537.71			
9/3/99 14:45	1017.63	30.05	0.718	126.22	259.19	538.32			
9/3/99 15:00	1017.38	30.04	0.719	126.22	259.19	538.87	538.37		
9/3/99 15:15	1017.25	30.04	0.718	126.48	259.66	538.37			
9/3/99 15:30	1017.00	30.03	0.718	126.74	260.13	538.61			
9/3/99 15:45	1016.88	30.03	0.718	126.74	260.13	538.87			
9/3/99 16:00	1016.75	30.02	0.718	126.48	259.66	538.50	538.19		
9/3/99 16:15	1016.75	30.02	0.716	125.95	258.72	537.43			
9/3/99 16:30	1016.63	30.02	0.716	125.69	258.25	537.55			
9/3/99 16:45	1016.63	30.02	0.716	125.43	257.78	537.12			
9/3/99 17:00	1016.50	30.02	0.717	125.69	258.25	537.61	537.60		
9/3/99 17:15	1016.50	30.02	0.717	125.43	257.78	537.64			
9/3/99 17:30	1016.50	30.02	0.718	125.43	257.78	537.86			
9/3/99 17:45	1016.50	30.02	0.714	125.17	257.31	536.52			
9/3/99 18:00	1016.38	30.01	0.718	124.91	256.84	537.77	537.00		
9/3/99 18:15	1016.38	30.01	0.716	124.65	256.37	536.65			
9/3/99 18:30	1016.50	30.02	0.715	124.39	255.90	536.22			
9/3/99 18:45	1016.50	30.02	0.718	124.13	255.43	536.98			
9/3/99 19:00	1016.38	30.01	0.715	123.60	254.48	535.72	535.99		
9/3/99 19:15	1016.38	30.01	0.715	123.60	254.48	535.72			
9/3/99 19:30	1016.38	30.01	0.714	123.34	254.01	535.32			
9/3/99 19:45	1016.38	30.01	0.713	122.56	252.60	534.31			
9/3/99 20:00	1016.50	30.02	0.713	122.30	252.13	534.10	533.83		
9/3/99 20:15	1016.50	30.02	0.711	121.51	250.72	532.86			
9/3/99 20:30	1016.50	30.02	0.712	120.73	249.31	532.59			
9/3/99 20:45	1016.63	30.02	0.711	120.47	248.84	532.12			
9/3/99 21:00	1016.75	30.02	0.713	119.94	247.90	532.22	532.05		
9/3/99 21:15	1016.88	30.03	0.712	119.68	247.43	531.78			
9/3/99 21:30	1016.88	30.03	0.711	119.68	247.43	531.52			
9/3/99 21:45	1016.88	30.03	0.711	119.68	247.43	531.30			
9/3/99 22:00	1016.88	30.03	0.709	119.16	246.49	530.50	530.63		
9/3/99 22:15	1017.00	30.03	0.709	118.90	246.02	530.03			
9/3/99 22:30	1017.00	30.03	0.708	118.90	246.02	529.80			
9/3/99 22:45	1016.88	30.03	0.711	118.90	246.02	530.77			
9/3/99 23:00	1016.88	30.03	0.709	118.64	245.55	529.86	530.08		
9/3/99 23:15	1016.75	30.02	0.708	118.12	244.61	529.34			
9/3/99 23:30	1016.75	30.02	0.711	118.64	245.55	530.62			
9/3/99 23:45	1016.75	30.02	0.711	119.16	246.49	530.98			
9/4/99 0:00	1016.88	30.03	0.711	118.90	246.02	530.77	530.59		
9/4/99 0:15	1016.88	30.03	0.711	118.90	246.02	530.77			
9/4/99 0:30	1016.88	30.03	0.708	118.90	246.02	529.83			
9/4/99 0:45	1016.75	30.02	0.711	118.64	245.55	530.85			
9/4/99 1:00	1016.75	30.02	0.709	118.90	246.02	530.35	530.15		
9/4/99 1:15	1016.75	30.02	0.708	118.38	245.08	529.51			
9/4/99 1:30	1016.88	30.03	0.710	118.38	245.08	530.19			
9/4/99 1:45	1016.88	30.03	0.709	118.38	245.08	529.71			
9/4/99 2:00	1017.00	30.03	0.713	118.12	244.61	531.14	529.70		
9/4/99 2:15	1016.88	30.03	0.705	118.12	244.61	528.14			
9/4/99 2:30	1016.75	30.02	0.708	118.12	244.61	529.34			
9/4/99 2:45	1016.75	30.02	0.708	118.12	244.61	529.11			
9/4/99 3:00	1016.75	30.02	0.710	118.38	245.08	530.22	529.25		
9/4/99 3:15	1016.75	30.02	0.708	118.12	244.61	529.34			
9/4/99 3:30	1016.75	30.02	0.706	117.85	244.14	528.23			
9/4/99 3:45	1016.63	30.02	0.707	118.12	244.61	528.92			
9/4/99 4:00	1016.63	30.02	0.708	117.85	244.14	529.19	528.62		
9/4/99 4:15	1016.63	30.02	0.706	117.85	244.14	528.48			
9/4/99 4:30	1016.63	30.02	0.706	117.85	244.14	528.26			
9/4/99 4:45	1016.75	30.02	0.706	117.59	243.67	528.27			
9/4/99 5:00	1016.75	30.02	0.708	117.85	244.14	528.94	528.49		
9/4/99 5:15	1016.75	30.02	0.706	117.59	243.67	528.27			
9/4/99 5:30	1017.00	30.03	0.708	117.59	243.67	528.69			
9/4/99 5:45	1017.00	30.03	0.706	117.33	243.20	527.81			
9/4/99 6:00	1017.13	30.04	0.709	117.33	243.20	528.93	528.26		
9/4/99 6:15	1017.13	30.04	0.706	117.07	242.73	527.60			
9/4/99 6:30	1017.38	30.04	0.708	117.07	242.73	528.24			
9/4/99 6:45	1017.50	30.05	0.708	116.55	241.79	526.08			
9/4/99 7:00	1017.50	30.05	0.706	116.81	242.26	528.03	528.06		
9/4/99 7:15	1017.75	30.05	0.708	116.81	242.26	527.97			
9/4/99 7:30	1017.88	30.06	0.708	116.55	241.79	527.98			
9/4/99 7:45	1018.00	30.06	0.707	116.55	241.79	527.50			
9/4/99 8:00	1018.13	30.07	0.707	117.07	242.73	527.82	528.26		
9/4/99 8:15	1018.25	30.07	0.708	117.59	243.67	528.59			
9/4/99 8:30	1018.38	30.07	0.709	118.12	244.61	529.40			
9/4/99 8:45	1018.38	30.07	0.708	118.64	245.55	529.27			
9/4/99 9:00	1018.38	30.07	0.708	119.16	246.49	529.40	529.47		
9/4/99 9:15	1018.25	30.07	0.708	119.16	246.49	529.65			
9/4/99 9:30	1018.13	30.07	0.708	119.42	246.96	529.64			
9/4/99 9:45	1018.13	30.07	0.710	119.68	247.43	530.75			
9/4/99 10:00	1016.25	30.07	0.710	119.68	247.43	530.72	530.81		
9/4/99 10:15	1018.13	30.07	0.709	120.21	248.37	530.86			
9/4/99 10:30	1018.00	30.06	0.709	120.47	248.84	531.09			
9/4/99 10:45	1017.88	30.06	0.710	121.25	250.25	531.87			
9/4/99 11:00	1017.86	30.06	0.712	122.03	251.66	533.11	532.15		
9/4/99 11:15	1017.68	30.06	0.711	121.77	251.19	532.45			
9/4/99 11:30	1017.75	30.05	0.710	121.77	251.19	532.26			
9/4/99 11:45	1017.63	30.05	0.713	121.77	251.19	533.22			
9/4/99 12:00	1017.63	30.05	0.713	122.82	253.07	534.15	533.83		
9/4/99 12:15	1017.50	30.05	0.713	123.34	254.01	534.54			
9/4/99 12:30	1017.25	30.04	0.713	123.86	254.95	534.96			
9/4/99 12:45	1017.13	30.04	0.714	124.65	256.37	535.74			
9/4/99 13:00	1017.00	30.03	0.716	124.91	256.84	536.68	536.02		
9/4/99 13:15	1017.00	30.03	0.714	125.43	257.78	536.30			
9/4/99 13:30	1016.75	30.02	0.714	125.17	257.31	536.46			
9/4/99 13:45	1016.75	30.02	0.715	125.69	258.25	537.03			
9/4/99 14:00	1016.50	30.02	0.719	126.48	259.66	539.05	537.72		
9/4/99 14:15	1016.50	30.02	0.718	126.22	259.19	538.61			
9/4/99 14:30	1016.25	30.01	0.714	126.48	259.66	537.47			
9/4/99 14:45	1016.13	30.01	0.717	127.00	260.60	538.79			
9/4/99 15:00	1016.13	30.01	0.713	125.89	258.25	536.48	537.72		
9/4/99 15:15	1015.86	30.00	0.715	125.95	258.72	537.44			
9/4/99 15:30	1015.63	29.99	0.717	126.22	259.19	538.40			
9/4/99 15:45	1015.63	29.99	0.715	126.74	260.13	536.03			
9/4/99 16:00	1015.50	29.99	0.716	127.26	261.07	538.91	538.63		
9/4/99 16:15	1015.38	29.98	0.718	127.00	260.60	539.22			
9/4/99 16:30	1015.25	29.98	0.718	127.52	261.54	539.60			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/4/99 16:45	1015.00	29.97	0.715	127.00	260.60	538.38			
9/4/99 17:00	1015.00	29.97	0.718	127.52	261.54	539.67	539.10		
9/4/99 17:15	1014.88	29.97	0.714	127.52	261.54	538.53			
9/4/99 17:30	1014.88	29.97	0.717	127.26	261.07	539.30			
9/4/99 17:45	1014.88	29.97	0.714	127.00	260.60	537.92			
9/4/99 18:00	1014.83	29.96	0.714	126.74	260.13	537.81	538.21		
9/4/99 18:15	1014.75	29.97	0.715	126.48	259.66	538.09			
9/4/99 18:30	1014.75	29.97	0.715	126.22	259.19	537.91			
9/4/99 18:45	1014.88	29.97	0.712	125.95	258.72	536.54			
9/4/99 19:00	1014.88	29.97	0.715	125.95	258.72	537.70	537.23		
9/4/99 19:15	1014.88	29.97	0.715	125.43	257.78	537.35			
9/4/99 19:30	1015.00	29.97	0.714	125.17	257.31	536.66			
9/4/99 19:45	1015.00	29.97	0.712	124.91	256.84	535.80			
9/4/99 20:00	1015.13	29.98	0.714	124.65	256.37	536.53	535.40		
9/4/99 20:15	1015.13	29.98	0.712	123.34	254.01	534.71			
9/4/99 20:30	1015.13	29.98	0.710	122.30	252.13	533.30			
9/4/99 20:45	1015.38	29.98	0.711	121.77	251.19	533.33			
9/4/99 21:00	1015.50	29.99	0.711	121.51	250.72	532.89	533.02		
9/4/99 21:15	1015.75	30.00	0.713	120.73	249.31	533.23			
9/4/99 21:30	1016.00	30.00	0.712	120.21	248.37	532.37			
9/4/99 21:45	1016.13	30.01	0.709	120.21	248.37	531.40			
9/4/99 22:00	1016.00	30.00	0.711	120.99	249.78	532.41	532.49		
9/4/99 22:15	1016.13	30.01	0.711	121.77	251.19	532.91			
9/4/99 22:30	1016.25	30.01	0.712	121.77	251.19	533.36			
9/4/99 22:45	1016.13	30.01	0.711	121.77	251.19	533.13			
9/4/99 23:00	1016.13	30.01	0.713	121.51	250.72	533.67	532.98		
9/4/99 23:15	1016.00	30.00	0.713	121.25	250.25	533.30			
9/4/99 23:30	1016.00	30.00	0.709	120.21	248.37	531.43			
9/4/99 23:45	1016.00	30.00	0.709	119.68	247.43	531.08			
9/5/99 0:00	1016.00	30.00	0.710	119.42	246.96	531.13	530.95		
9/5/99 0:15	1015.88	30.00	0.709	119.16	246.49	530.76			
9/5/99 0:30	1016.00	30.00	0.709	118.64	245.55	530.37			
9/5/99 0:45	1016.00	30.00	0.707	118.64	245.55	529.44			
9/5/99 1:00	1015.88	30.00	0.706	118.38	245.08	529.52	529.66		
9/5/99 1:15	1016.00	30.00	0.710	118.38	245.08	530.42			
9/5/99 1:30	1016.00	30.00	0.706	118.12	244.61	529.53			
9/5/99 1:45	1016.00	30.00	0.706	117.85	244.14	529.36			
9/5/99 2:00	1016.00	30.00	0.709	117.85	244.14	529.58	529.26		
9/5/99 2:15	1015.88	30.00	0.706	117.85	244.14	528.68			
9/5/99 2:30	1015.88	30.00	0.706	117.85	244.14	529.16			
9/5/99 2:45	1015.75	30.00	0.706	117.59	243.67	528.53			
9/5/99 3:00	1015.63	29.99	0.706	117.85	244.14	529.45	528.94		
9/5/99 3:15	1015.63	29.99	0.707	117.85	244.14	529.00			
9/5/99 3:30	1015.50	29.99	0.706	117.85	244.14	528.55			
9/5/99 3:45	1015.50	29.99	0.708	117.85	244.14	529.26			
9/5/99 4:00	1015.50	29.99	0.709	117.85	244.14	529.71	529.12		
9/5/99 4:15	1015.50	29.99	0.707	117.85	244.14	529.04			
9/5/99 4:30	1015.50	29.99	0.707	117.85	244.14	529.04			
9/5/99 4:45	1015.50	29.99	0.709	117.59	243.67	529.79			
9/5/99 5:00	1015.50	29.99	0.708	117.59	243.67	529.31	529.09		
9/5/99 5:15	1015.38	29.98	0.706	117.59	243.67	526.41			
9/5/99 5:30	1015.50	29.99	0.706	117.33	243.20	528.91			
9/5/99 5:45	1015.50	29.99	0.706	117.59	243.67	528.37			
9/5/99 6:00	1015.50	29.99	0.706	117.59	243.67	528.60	528.75		
9/5/99 6:15	1015.50	29.99	0.709	117.59	243.67	529.53			
9/5/99 6:30	1015.63	29.99	0.706	117.59	243.67	528.34			
9/5/99 6:45	1015.63	29.99	0.706	117.59	243.67	528.57			
9/5/99 7:00	1015.75	30.00	0.706	117.59	243.67	528.53	528.78		
9/5/99 7:15	1015.88	30.00	0.707	117.59	243.67	528.76			
9/5/99 7:30	1015.88	30.00	0.709	117.59	243.67	529.70			
9/5/99 7:45	1016.00	30.00	0.707	117.59	243.67	528.73			
9/5/99 8:00	1016.13	30.01	0.708	117.85	244.14	529.32	529.16		
9/5/99 8:15	1016.13	30.01	0.708	117.85	244.14	529.32			
9/5/99 8:30	1016.13	30.01	0.706	118.38	245.08	528.74			
9/5/99 8:45	1016.13	30.01	0.707	118.90	246.02	529.58			
9/5/99 9:00	1016.13	30.01	0.709	119.42	246.96	530.81	530.54		
9/5/99 9:15	1016.25	30.01	0.709	120.21	248.37	531.37			
9/5/99 9:30	1016.25	30.01	0.711	120.73	249.31	532.39			
9/5/99 9:45	1016.13	30.01	0.709	121.25	250.25	532.10			
9/5/99 10:00	1016.00	30.00	0.708	121.77	251.19	531.78	532.76		
9/5/99 10:15	1016.00	30.00	0.713	122.03	251.66	533.83			
9/5/99 10:30	1016.00	30.00	0.711	122.56	252.60	533.89			
9/5/99 10:45	1016.00	30.00	0.711	122.82	253.07	533.64			
9/5/99 11:00	1015.88	30.00	0.711	123.08	253.54	533.85	534.06		
9/5/99 11:15	1015.75	30.00	0.712	123.34	254.01	534.55			
9/5/99 11:30	1015.75	30.00	0.712	123.34	254.01	534.55			
9/5/99 11:45	1015.63	29.99	0.714	123.34	254.01	535.26			
9/5/99 12:00	1015.63	29.99	0.711	123.34	254.01	534.32	534.75		
9/5/99 12:15	1015.38	29.98	0.712	123.66	254.95	535.00			
9/5/99 12:30	1015.13	29.98	0.711	123.60	254.48	534.63			
9/5/99 12:45	1015.00	29.97	0.711	123.34	254.01	534.26			
9/5/99 13:00	1014.75	29.97	0.711	123.60	254.48	534.73	534.68		
9/5/99 13:15	1014.63	29.96	0.708	123.86	254.95	533.77			
9/5/99 13:30	1014.50	29.96	0.713	124.39	255.90	536.03			
9/5/99 13:45	1014.38	29.95	0.711	123.88	254.95	535.00			
9/5/99 14:00	1014.25	29.95	0.711	123.86	254.95	535.03	535.09		
9/5/99 14:15	1014.13	29.95	0.710	123.34	254.01	534.26			
9/5/99 14:30	1014.00	29.94	0.711	123.86	254.95	535.10			
9/5/99 14:45	1013.75	29.94	0.711	123.86	254.95	534.94			
9/5/99 15:00	1013.63	29.93	0.711	124.65	256.37	535.73	535.89		
9/5/99 15:15	1013.38	29.92	0.715	124.65	256.37	537.22			
9/5/99 15:30	1013.13	29.92	0.712	125.17	257.31	536.47			
9/5/99 15:45	1013.13	29.92	0.712	124.91	256.84	536.30			
9/5/99 16:00	1012.88	29.91	0.713	125.17	257.31	536.77	536.48		
9/5/99 16:15	1012.88	29.91	0.712	125.43	257.78	536.72			
9/5/99 16:30	1012.75	29.91	0.711	124.91	256.84	536.13			
9/5/99 16:45	1012.63	29.90	0.714	125.69	258.25	537.90			
9/5/99 17:00	1012.63	29.90	0.714	125.95	258.72	537.81	538.91		
9/5/99 17:15	1012.63	29.90	0.712	125.89	258.25	536.96			
9/5/99 17:30	1012.63	29.90	0.711	124.65	256.37	535.76			
9/5/99 17:45	1012.50	29.90	0.708	123.34	254.01	533.98			
9/5/99 18:00	1012.50	29.90	0.709	123.86	254.95	534.55	534.77		
9/5/99 18:15	1012.50	29.90	0.710	124.13	255.43	535.22			
9/5/99 18:30	1012.50	29.90	0.708	123.86	254.95	534.33			
9/5/99 18:45	1012.50	29.90	0.708	123.60	254.48	534.15			
9/5/99 19:00	1012.63	29.90	0.709	123.08	253.54	534.26	534.16		
9/5/99 19:15	1012.63	29.90	0.708	122.82	253.07	533.59			
9/5/99 19:30	1012.63	29.90	0.710	123.08	253.54	534.48			
9/5/99 19:45	1012.50	29.90	0.711	123.08	253.54	534.74			
9/5/99 20:00	1012.63	29.90	0.708	123.34	254.01	533.94	534.62		
9/5/99 20:15	1012.75	29.91	0.711	123.34	254.01	535.08			
9/5/99 20:30	1012.75	29.91	0.711	123.34	254.01	534.85			
9/5/99 20:45	1012.75	29.91	0.712	123.08	253.54	535.16			
9/5/99 21:00	1012.88	29.91	0.709	123.08	253.54	534.19	534.53		
9/5/99 21:15	1012.88	29.91	0.711	122.82	253.07	534.47			
9/5/99 21:30	1013.00	29.91	0.709	122.82	253.07	533.98			
9/5/99 21:45	1013.00	29.91	0.711	122.30	252.13	534.08			
9/5/99 22:00	1013.00	29.91	0.709	122.03	251.66	533.45	533.52		
9/5/99 22:15	1012.88	29.91	0.708	121.77	251.19	532.59			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/5/99 22:30	1013.00	29.91	0.710	121.77	251.19	533.50			
9/5/99 22:45	1013.00	29.91	0.709	121.51	250.72	532.84			
9/5/99 23:00	1012.88	29.91	0.707	121.25	250.25	532.02	532.68		
9/5/99 23:15	1012.75	29.91	0.710	120.99	249.78	533.04			
9/5/99 23:30	1012.63	29.90	0.707	120.99	249.78	531.91			
9/5/99 23:45	1012.63	29.90	0.709	120.99	249.78	532.58			
9/6/99 0:00	1012.63	29.90	0.708	120.73	249.31	531.96	531.96		
9/6/99 0:15	1012.75	29.91	0.708	120.21	248.37	531.57			
9/6/99 0:30	1012.75	29.91	0.708	120.21	248.37	531.80			
9/6/99 0:45	1012.75	29.91	0.708	120.21	248.37	531.80			
9/6/99 1:00	1012.63	29.90	0.707	119.94	247.90	531.20	531.64		
9/6/99 1:15	1012.63	29.90	0.709	119.68	247.43	531.70			
9/6/99 1:30	1012.63	29.90	0.709	119.68	247.43	531.70			
9/6/99 1:45	1012.63	29.90	0.708	119.68	247.43	531.25			
9/6/99 2:00	1012.63	29.90	0.708	119.68	247.43	531.47	530.89		
9/6/99 2:15	1012.50	29.90	0.705	119.16	246.49	529.99			
9/6/99 2:30	1012.38	29.90	0.705	119.18	246.49	530.02			
9/6/99 2:45	1012.38	29.90	0.705	119.18	246.49	530.02			
9/6/99 3:00	1012.25	29.89	0.708	119.18	246.49	530.99	530.31		
9/6/99 3:15	1012.13	29.89	0.704	119.16	246.49	529.88			
9/6/99 3:30	1012.00	29.88	0.707	118.90	246.02	530.66			
9/6/99 3:45	1012.00	29.88	0.706	118.90	246.02	530.17			
9/6/99 4:00	1012.00	29.88	0.706	118.38	245.08	530.04	530.07		
9/6/99 4:15	1012.00	29.88	0.704	118.38	245.08	529.37			
9/6/99 4:30	1011.75	29.88	0.706	118.38	245.08	530.11			
9/6/99 4:45	1011.88	29.88	0.706	118.38	245.08	529.85			
9/6/99 5:00	1011.75	29.88	0.707	118.64	245.55	530.55	530.11		
9/6/99 5:15	1011.75	29.88	0.704	118.64	245.55	529.61			
9/6/99 5:30	1011.75	29.88	0.706	118.90	246.02	530.46			
9/6/99 5:45	1011.75	29.88	0.704	118.12	244.61	528.99			
9/6/99 6:00	1011.88	29.88	0.704	118.12	244.61	528.96	529.30		
9/6/99 6:15	1012.00	29.88	0.703	118.38	245.08	528.65			
9/6/99 6:30	1012.00	29.88	0.705	118.12	244.61	529.41			
9/6/99 6:45	1012.13	29.89	0.703	118.12	244.61	528.67			
9/6/99 7:00	1012.25	29.89	0.704	117.85	244.14	528.68	528.92		
9/6/99 7:15	1012.50	29.90	0.704	118.12	244.61	528.80			
9/6/99 7:30	1012.75	29.91	0.705	117.85	244.14	529.04			
9/6/99 7:45	1012.75	29.91	0.705	118.12	244.61	529.22			
9/6/99 8:00	1012.75	29.91	0.705	118.38	245.08	529.40	529.51		
9/6/99 8:15	1012.88	29.91	0.708	118.38	245.08	530.53			
9/6/99 8:30	1012.88	29.91	0.705	118.38	245.08	529.36			
9/6/99 8:45	1012.88	29.91	0.707	118.64	245.55	530.25			
9/6/99 9:00	1012.88	29.91	0.706	118.90	246.02	530.17	530.15		
9/6/99 9:15	1013.00	29.91	0.706	119.16	246.49	530.31			
9/6/99 9:30	1013.00	29.91	0.706	119.68	247.43	530.68			
9/6/99 9:45	1012.88	29.91	0.708	120.47	248.84	531.94			
9/6/99 10:00	1012.88	29.91	0.707	120.99	249.78	531.84	532.00		
9/6/99 10:15	1012.88	29.91	0.709	121.25	250.25	532.96			
9/6/99 10:30	1012.88	29.91	0.708	121.77	251.19	532.59			
9/6/99 10:45	1012.88	29.91	0.709	122.03	251.66	533.22			
9/6/99 11:00	1012.75	29.91	0.706	121.51	250.72	531.74	532.33		
9/6/99 11:15	1012.75	29.91	0.706	121.25	250.25	531.56			
9/6/99 11:30	1012.63	29.90	0.706	122.30	252.13	532.52			
9/6/99 11:45	1012.50	29.90	0.705	121.51	250.72	531.58			
9/6/99 12:00	1012.38	29.90	0.706	120.99	249.78	531.71	532.85		
9/6/99 12:15	1012.38	29.90	0.710	122.56	252.60	534.20			
9/6/99 12:30	1012.25	29.89	0.710	122.56	252.60	534.23			
9/6/99 12:45	1012.13	29.89	0.708	122.03	251.66	532.97			
9/6/99 13:00	1012.00	29.88	0.710	123.08	253.54	534.65	533.88		
9/6/99 13:15	1011.88	29.88	0.707	123.08	253.54	533.51			
9/6/99 13:30	1011.63	29.87	0.708	123.08	253.54	534.03			
9/6/99 13:45	1011.50	29.87	0.704	122.03	251.66	531.98			
9/6/99 14:00	1011.38	29.87	0.705	122.03	251.66	532.22	533.00		
9/6/99 14:15	1011.13	29.88	0.707	122.82	253.07	533.53			
9/6/99 14:30	1011.13	29.88	0.706	122.82	253.07	533.27			
9/6/99 14:45	1011.00	29.85	0.709	124.13	255.43	535.13			
9/6/99 15:00	1010.88	29.85	0.708	123.34	254.01	534.40	534.79		
9/6/99 15:15	1010.75	29.85	0.707	123.66	254.95	534.34			
9/6/99 15:30	1010.63	29.84	0.713	124.39	255.90	536.83			
9/6/99 15:45	1010.38	29.84	0.711	125.17	257.31	536.94			
9/6/99 16:00	1010.25	29.83	0.710	125.17	257.31	536.52	536.06		
9/6/99 16:15	1010.00	29.83	0.706	124.39	255.90	534.62			
9/6/99 16:30	1009.75	29.82	0.708	124.39	255.90	535.41			
9/6/99 16:45	1009.75	29.82	0.710	124.65	256.37	536.30			
9/6/99 17:00	1009.63	29.81	0.710	124.91	256.84	536.51	536.38		
9/6/99 17:15	1009.50	29.81	0.713	125.17	257.31	537.66			
9/6/99 17:30	1009.50	29.81	0.710	124.13	255.43	536.01			
9/6/99 17:45	1009.50	29.81	0.709	124.13	255.43	535.79			
9/6/99 18:00	1009.50	29.81	0.708	124.65	256.37	535.65	535.75		
9/6/99 18:15	1009.63	29.81	0.706	124.65	256.37	535.39			
9/6/99 18:30	1009.75	29.82	0.709	124.39	255.90	535.90			
9/6/99 18:45	1010.00	29.83	0.707	123.34	254.01	534.18			
9/6/99 19:00	1010.00	29.83	0.707	123.60	254.48	534.36	534.90		
9/6/99 19:15	1010.13	29.83	0.709	123.60	254.48	535.01			
9/6/99 19:30	1010.38	29.84	0.710	123.08	253.54	535.08			
9/6/99 19:45	1010.63	29.84	0.710	123.08	253.54	535.01			
9/6/99 20:00	1010.88	29.85	0.706	121.25	250.25	532.05	533.12		
9/6/99 20:15	1011.13	29.86	0.708	120.47	248.84	532.17			
9/6/99 20:30	1011.38	29.87	0.706	119.94	247.90	531.27			
9/6/99 20:45	1011.75	29.88	0.705	119.16	246.49	530.19			
9/6/99 21:00	1012.00	29.88	0.707	118.38	245.08	530.30	530.07		
9/6/99 21:15	1012.38	29.90	0.706	118.38	245.08	529.94			
9/6/99 21:30	1012.63	29.90	0.704	117.59	243.67	528.67			
9/6/99 21:45	1012.88	29.91	0.707	117.59	243.67	529.54			
9/6/99 22:00	1012.88	29.91	0.705	117.59	243.67	528.83	529.93		
9/6/99 22:15	1012.75	29.91	0.708	118.38	245.08	530.56			
9/6/99 22:30	1012.88	29.91	0.711	118.90	246.02	532.04			
9/6/99 22:45	1012.88	29.91	0.709	119.42	246.96	531.46			
9/6/99 23:00	1012.88	29.91	0.711	119.42	246.96	532.17	531.85		
9/6/99 23:15	1012.88	29.91	0.709	119.42	246.96	531.46			
9/6/99 23:30	1013.00	29.91	0.711	119.42	246.96	532.14			
9/6/99 23:45	1013.00	29.91	0.710	119.16	246.49	531.74			
9/7/99 0:00	1013.13	29.92	0.708	118.12	244.61	530.28	530.90		
9/7/99 0:15	1013.13	29.92	0.708	118.12	244.61	530.06			
9/7/99 0:30	1013.13	29.92	0.708	118.12	244.61	530.28			
9/7/99 0:45	1013.00	29.91	0.708	117.85	244.14	530.14			
9/7/99 1:00	1013.00	29.91	0.709	117.85	244.14	530.63	530.21		
9/7/99 1:15	1013.13	29.92	0.709	117.85	244.14	530.59			
9/7/99 1:30	1013.13	29.92	0.706	117.85	244.14	529.39			
9/7/99 1:45	1013.13	29.92	0.707	117.85	244.14	529.66			
9/7/99 2:00	1013.13	29.92	0.706	117.33	243.20	529.04	529.74		
9/7/99 2:15	1013.25	29.92	0.710	117.07	242.73	530.25			
9/7/99 2:30	1013.38	29.92	0.709	117.59	243.67	530.35			
9/7/99 2:45	1013.50	29.93	0.711	117.33	243.20	530.59			
9/7/99 3:00	1013.50	29.93	0.709	117.33	243.20	529.88	529.78		
9/7/99 3:15	1013.50	29.93	0.707	116.55	241.79	528.67			
9/7/99 3:30	1013.38	29.92	0.708	118.81	242.26	529.33			
9/7/99 3:45	1013.38	29.92	0.707	117.07	242.73	529.06			
9/7/99 4:00	1013.13	29.92	0.707	116.55	241.79	528.77	529.25		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/7/99 4:15	1013.13	29.92	0.708	116.55	241.79	529.22			
9/7/99 4:30	1013.25	29.92	0.709	118.81	242.26	529.85			
9/7/99 4:45	1013.25	29.92	0.710	116.29	241.32	529.72			
9/7/99 5:00	1013.25	29.92	0.709	116.81	242.26	529.65	529.83		
9/7/99 5:15	1013.38	29.92	0.710	117.07	242.73	530.22			
9/7/99 5:30	1013.38	29.92	0.708	117.07	242.73	529.51			
9/7/99 5:45	1013.38	29.92	0.708	116.81	242.26	529.33			
9/7/99 6:00	1013.38	29.92	0.708	117.07	242.73	529.51	529.22		
9/7/99 6:15	1013.25	29.92	0.708	116.55	241.79	529.19			
9/7/99 6:30	1013.25	29.92	0.707	116.29	241.32	528.56			
9/7/99 6:45	1013.25	29.92	0.708	116.29	241.32	529.01			
9/7/99 7:00	1013.38	29.92	0.707	116.02	240.84	528.35	528.98		
9/7/99 7:15	1013.63	29.93	0.709	116.81	242.26	529.75			
9/7/99 7:30	1013.88	29.94	0.708	116.81	242.26	529.20			
9/7/99 7:45	1013.88	29.94	0.710	116.55	241.79	529.73			
9/7/99 8:00	1014.00	29.94	0.710	116.55	241.79	529.70	532.36		
9/7/99 8:15	1014.13	29.95	0.731	115.76	240.37	536.76			
9/7/99 8:30	1014.25	29.95	0.731	114.98	238.96	536.40			
9/7/99 8:45	1014.38	29.95	0.706	117.33	243.20	528.71			
9/7/99 9:00	1014.63	29.96	0.709	117.59	243.67	529.76	530.58		
9/7/99 9:15	1014.63	29.96	0.707	117.59	243.67	529.09			
9/7/99 9:30	1014.75	29.97	0.708	117.07	242.73	528.93			
9/7/99 9:45	1014.88	29.97	0.712	117.59	243.67	530.89			
9/7/99 10:00	1015.00	29.97	0.710	117.59	243.67	530.15	530.11		
9/7/99 10:15	1015.00	29.97	0.709	117.59	243.67	529.92			
9/7/99 10:30	1015.00	29.97	0.712	117.33	243.20	530.68			
9/7/99 10:45	1015.00	29.97	0.711	117.85	244.14	530.77			
9/7/99 11:00	1015.00	29.97	0.711	118.12	244.61	530.73	530.93		
9/7/99 11:15	1014.88	29.97	0.711	118.64	245.55	531.34			
9/7/99 11:30	1014.88	29.97	0.711	118.64	245.55	531.11			
9/7/99 11:45	1014.75	29.97	0.713	119.16	246.49	532.43			
9/7/99 12:00	1014.75	29.97	0.715	119.88	247.43	533.50	533.12		
9/7/99 12:15	1014.63	29.96	0.716	119.94	247.90	533.93			
9/7/99 12:30	1014.50	29.96	0.717	120.21	248.37	534.63			
9/7/99 12:45	1014.50	29.96	0.715	120.21	248.37	533.92			
9/7/99 13:00	1014.38	29.95	0.714	120.99	249.78	534.26	534.67		
9/7/99 13:15	1014.25	29.95	0.714	122.03	251.66	534.74			
9/7/99 13:30	1014.25	29.95	0.716	122.56	252.60	535.80			
9/7/99 13:45	1014.00	29.94	0.717	122.30	252.13	536.18			
9/7/99 14:00	1014.00	29.94	0.716	122.30	252.13	535.95	536.06		
9/7/99 14:15	1013.75	29.94	0.715	122.56	252.60	535.71			
9/7/99 14:30	1013.50	29.93	0.717	122.82	253.07	536.66			
9/7/99 14:45	1013.38	29.92	0.716	123.08	253.54	536.65			
9/7/99 15:00	1013.13	29.92	0.716	123.08	253.54	536.72	537.13		
9/7/99 15:15	1013.13	29.92	0.718	123.34	254.01	537.57			
9/7/99 15:30	1013.00	29.91	0.719	123.60	254.48	538.04			
9/7/99 15:45	1012.75	29.91	0.715	123.08	253.54	536.33			
9/7/99 16:00	1012.63	29.90	0.716	122.82	253.07	536.67	537.33		
9/7/99 16:15	1012.50	29.90	0.718	124.13	255.43	538.26			
9/7/99 16:30	1012.38	29.90	0.718	124.13	255.43	537.36			
9/7/99 16:45	1012.25	29.89	0.717	124.13	255.43	537.88			
9/7/99 17:00	1012.00	29.88	0.717	123.86	254.95	537.77	537.41		
9/7/99 17:15	1011.88	29.88	0.715	123.34	254.01	536.74			
9/7/99 17:30	1011.75	29.88	0.715	124.13	255.43	537.30			
9/7/99 17:45	1011.75	29.88	0.716	123.86	254.95	537.61			
9/7/99 18:00	1012.00	29.88	0.715	123.34	254.01	536.70	537.17		
9/7/99 18:15	1012.13	29.89	0.714	123.08	253.54	536.27			
9/7/99 18:30	1012.00	29.88	0.719	123.08	253.54	537.95			
9/7/99 18:45	1012.13	29.89	0.718	123.34	254.01	537.61			
9/7/99 19:00	1012.00	29.88	0.716	122.82	253.07	536.84	536.99		
9/7/99 19:15	1012.00	29.88	0.714	122.82	253.07	535.86			
9/7/99 19:30	1012.00	29.88	0.717	122.30	252.13	536.71			
9/7/99 19:45	1012.00	29.88	0.714	121.77	251.19	535.42			
9/7/99 20:00	1012.00	29.88	0.715	120.73	249.31	534.93	535.07		
9/7/99 20:15	1012.00	29.88	0.714	120.21	248.37	534.35			
9/7/99 20:30	1012.25	29.89	0.714	119.68	247.43	533.93			
9/7/99 20:45	1012.38	29.90	0.714	119.42	246.96	533.46			
9/7/99 21:00	1012.50	29.90	0.713	118.90	246.02	532.85	532.92		
9/7/99 21:15	1012.75	29.91	0.713	118.38	245.08	532.43			
9/7/99 21:30	1012.88	29.91	0.712	118.38	245.08	531.95			
9/7/99 21:45	1012.88	29.91	0.714	118.64	245.55	533.06			
9/7/99 22:00	1012.88	29.91	0.713	118.12	244.61	532.22	532.29		
9/7/99 22:15	1012.88	29.91	0.714	118.38	245.08	532.62			
9/7/99 22:30	1012.88	29.91	0.712	117.85	244.14	531.59			
9/7/99 22:45	1012.88	29.91	0.714	117.85	244.14	532.52			
9/7/99 23:00	1012.75	29.91	0.713	117.85	244.14	531.85	532.01		
9/7/99 23:15	1012.63	29.90	0.714	117.59	243.67	532.15			
9/7/99 23:30	1012.63	29.90	0.713	117.59	243.67	531.93			
9/7/99 23:45	1012.75	29.91	0.714	117.59	243.67	532.12			
9/8/99 0:00	1012.63	29.90	0.714	117.33	243.20	531.97	531.76		
9/8/99 0:15	1012.75	29.91	0.713	117.33	243.20	531.72			
9/8/99 0:30	1012.63	29.90	0.711	117.33	243.20	531.04			
9/8/99 0:45	1012.63	29.90	0.712	116.81	242.26	530.95			
9/8/99 1:00	1012.50	29.90	0.713	116.55	241.79	531.03	531.26		
9/8/99 1:15	1012.50	29.90	0.713	116.81	242.26	531.43			
9/8/99 1:30	1012.50	29.90	0.715	116.55	241.79	531.96			
9/8/99 1:45	1012.50	29.90	0.713	116.55	241.79	531.25			
9/8/99 2:00	1012.50	29.90	0.713	116.02	240.84	530.89	530.97		
9/8/99 2:15	1012.50	29.90	0.710	116.29	241.32	529.92			
9/8/99 2:30	1012.50	29.90	0.713	116.29	241.32	530.85			
9/8/99 2:45	1012.50	29.90	0.713	116.02	240.84	530.67			
9/8/99 3:00	1012.38	29.90	0.711	116.02	240.84	529.99	530.51		
9/8/99 3:15	1012.50	29.90	0.712	116.02	240.84	530.45			
9/8/99 3:30	1012.75	29.91	0.713	116.02	240.84	530.60			
9/8/99 3:45	1012.63	29.90	0.712	116.02	240.84	530.41			
9/8/99 4:00	1012.38	29.90	0.714	116.02	240.84	531.15	530.50		
9/8/99 4:15	1012.25	29.89	0.713	115.76	240.37	530.56			
9/8/99 4:30	1012.38	29.90	0.710	116.02	240.84	529.77			
9/8/99 4:45	1012.25	29.89	0.709	115.50	239.90	528.96			
9/8/99 5:00	1012.38	29.90	0.712	115.24	239.43	529.94	529.31		
9/8/99 5:15	1012.38	29.90	0.711	114.98	238.96	529.28			
9/8/99 5:30	1012.38	29.90	0.709	114.98	238.96	528.57			
9/8/99 5:45	1012.38	29.90	0.713	114.72	238.49	529.81			
9/8/99 6:00	1012.38	29.90	0.712	114.98	238.96	529.77	529.47		
9/8/99 6:15	1012.38	29.90	0.713	114.98	238.96	530.21			
9/8/99 6:30	1012.50	29.90	0.709	115.24	239.43	528.98			
9/8/99 6:45	1012.50	29.90	0.710	114.98	238.96	529.03			
9/8/99 7:00	1012.63	29.90	0.712	115.24	239.43	529.88	529.33		
9/8/99 7:15	1012.63	29.90	0.711	114.98	238.96	529.22			
9/8/99 7:30	1012.63	29.90	0.712	114.72	238.49	529.52			
9/8/99 7:45	1012.63	29.90	0.711	114.72	238.49	529.04			
9/8/99 8:00	1012.75	29.91	0.712	115.24	239.43	529.85	529.50		
9/8/99 8:15	1012.75	29.91	0.714	114.98	238.96	530.60			
9/8/99 8:30	1012.75	29.91	0.709	114.98	238.96	528.48			
9/8/99 8:45	1012.75	29.91	0.710	115.24	239.43	529.14			
9/8/99 9:00	1012.75	29.91	0.711	115.76	240.37	529.94	530.29		
9/8/99 9:15	1012.63	29.90	0.714	116.55	241.79	531.44			
9/8/99 9:30	1012.63	29.90	0.715	117.33	243.20	532.46			
9/8/99 9:45	1012.75	29.91	0.713	117.85	244.14	532.07			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/8/99 10:00	1013.00	29.91	0.716	118.64	245.55	533.73	533.38		
9/8/99 10:15	1013.13	29.92	0.715	119.42	246.96	533.75			
9/8/99 10:30	1012.88	29.91	0.717	119.94	247.90	534.88			
9/8/99 10:45	1012.75	29.91	0.718	120.73	249.31	535.67			
9/8/99 11:00	1012.63	29.90	0.717	121.25	250.25	535.83	535.90		
9/8/99 11:15	1012.50	29.90	0.717	121.77	251.19	536.22			
9/8/99 11:30	1012.38	29.90	0.718	122.03	251.66	536.88			
9/8/99 11:45	1012.25	29.89	0.718	122.82	253.07	537.44			
9/8/99 12:00	1012.13	29.89	0.719	123.08	253.54	537.92	537.68		
9/8/99 12:15	1012.00	29.88	0.717	123.34	254.01	537.42			
9/8/99 12:30	1012.00	29.88	0.720	123.60	254.48	538.75			
9/8/99 12:45	1011.88	29.88	0.716	123.60	254.48	537.40			
9/8/99 13:00	1011.63	29.87	0.718	123.88	254.95	538.09	538.22		
9/8/99 13:15	1011.63	29.87	0.717	124.13	255.43	538.05			
9/8/99 13:30	1011.38	29.87	0.719	124.13	255.43	538.83			
9/8/99 13:45	1011.25	29.86	0.719	124.65	256.37	539.21			
9/8/99 14:00	1011.13	29.86	0.718	124.91	256.84	539.16	539.20		
9/8/99 14:15	1011.13	29.86	0.719	125.17	257.31	539.60			
9/8/99 14:30	1011.00	29.85	0.718	124.91	256.84	539.19			
9/8/99 14:45	1010.75	29.85	0.718	125.17	257.31	539.44			
9/8/99 15:00	1010.63	29.84	0.717	125.43	257.78	539.20	539.79		
9/8/99 15:15	1010.50	29.84	0.720	125.69	258.25	540.57			
9/8/99 15:30	1010.38	29.84	0.719	125.95	258.72	540.56			
9/8/99 15:45	1010.25	29.83	0.719	126.48	259.66	540.94			
9/8/99 16:00	1010.00	29.83	0.721	126.74	260.13	541.64	541.27		
9/8/99 16:15	1009.75	29.82	0.723	125.95	258.72	541.89			
9/8/99 16:30	1009.75	29.82	0.720	126.48	259.66	541.30			
9/8/99 16:45	1009.63	29.81	0.721	126.74	260.13	541.96			
9/8/99 17:00	1009.50	29.81	0.722	126.48	259.66	542.08	541.36		
9/8/99 17:15	1009.38	29.81	0.720	125.95	258.72	541.05			
9/8/99 17:30	1009.38	29.81	0.719	125.69	258.25	540.42			
9/8/99 17:45	1009.38	29.81	0.718	125.43	257.78	539.76			
9/8/99 18:00	1009.38	29.81	0.719	124.91	256.84	539.89	540.03		
9/8/99 18:15	1009.25	29.80	0.719	124.91	256.84	539.92			
9/8/99 18:30	1009.38	29.81	0.720	124.65	256.37	540.16			
9/8/99 18:45	1009.38	29.81	0.720	124.65	256.37	540.16			
9/8/99 19:00	1009.50	29.81	0.721	124.39	255.90	540.18	539.67		
9/8/99 19:15	1009.50	29.81	0.719	124.13	255.43	539.33			
9/8/99 19:30	1009.50	29.81	0.718	123.34	254.01	538.53			
9/8/99 19:45	1009.63	29.81	0.718	123.08	253.54	538.10			
9/8/99 20:00	1009.50	29.81	0.720	123.34	254.01	539.24	538.29		
9/8/99 20:15	1009.50	29.81	0.718	122.82	253.07	537.95			
9/8/99 20:30	1009.63	29.81	0.718	123.08	253.54	537.85			
9/8/99 20:45	1009.88	29.82	0.718	122.30	252.13	537.50			
9/8/99 21:00	1010.00	29.83	0.715	121.51	250.72	535.99	537.07		
9/8/99 21:15	1010.25	29.83	0.720	121.77	251.19	537.98			
9/8/99 21:30	1010.50	29.84	0.717	120.99	249.78	536.22			
9/8/99 21:45	1010.75	29.85	0.718	120.47	248.84	536.02			
9/8/99 22:00	1011.00	29.85	0.720	120.73	249.31	537.07	536.20		
9/8/99 22:15	1010.88	29.85	0.718	120.73	249.31	536.17			
9/8/99 22:30	1011.00	29.85	0.717	120.21	248.37	535.55			
9/8/99 22:45	1011.13	29.88	0.717	119.94	247.90	535.34			
9/8/99 23:00	1011.38	29.87	0.715	119.68	247.43	534.39	535.27		
9/8/99 23:15	1011.38	29.87	0.718	119.68	247.43	535.55			
9/8/99 23:30	1011.38	29.87	0.718	119.94	247.90	535.50			
9/8/99 23:45	1011.50	29.87	0.718	119.94	247.90	535.47			
9/9/99 0:00	1011.38	29.87	0.717	120.73	249.31	535.81	535.84		
9/9/99 0:15	1011.13	29.88	0.718	120.99	249.78	536.50			
9/9/99 0:30	1011.00	29.85	0.717	120.73	249.31	535.91			
9/9/99 0:45	1011.00	29.85	0.718	120.47	248.84	536.18			
9/9/99 1:00	1010.75	29.85	0.716	119.94	247.90	534.98	535.55		
9/9/99 1:15	1010.88	29.85	0.718	120.21	248.37	535.81			
9/9/99 1:30	1011.00	29.85	0.716	119.94	247.90	534.89			
9/9/99 1:45	1011.00	29.85	0.716	119.68	247.43	534.97			
9/9/99 2:00	1011.00	29.85	0.712	119.42	246.96	533.15	534.47		
9/9/99 2:15	1011.00	29.85	0.717	119.42	246.96	535.02			
9/9/99 2:30	1011.00	29.85	0.715	119.42	246.96	534.31			
9/9/99 2:45	1010.88	29.85	0.715	119.42	246.96	534.34			
9/9/99 3:00	1010.88	29.85	0.714	119.16	246.49	533.94	534.55		
9/9/99 3:15	1010.88	29.85	0.716	119.16	246.49	534.65			
9/9/99 3:30	1010.88	29.85	0.718	119.42	246.96	535.50			
9/9/99 3:45	1011.00	29.85	0.717	119.16	246.49	534.84			
9/9/99 4:00	1011.00	29.85	0.716	119.16	246.49	534.36	534.82		
9/9/99 4:15	1011.13	29.88	0.717	119.16	246.49	534.81			
9/9/99 4:30	1011.13	29.88	0.716	119.16	246.49	534.58			
9/9/99 4:45	1011.25	29.88	0.714	118.90	246.02	533.40			
9/9/99 5:00	1011.38	29.87	0.716	118.64	245.55	534.18	534.05		
9/9/99 5:15	1011.25	29.86	0.717	118.90	246.02	534.60			
9/9/99 5:30	1011.38	29.87	0.715	118.38	245.08	533.50			
9/9/99 5:45	1011.50	29.87	0.716	118.12	244.61	533.77			
9/9/99 6:00	1011.50	29.87	0.716	118.12	244.61	533.51	533.25		
9/9/99 6:15	1011.75	29.88	0.716	117.85	244.14	533.27			
9/9/99 6:30	1011.75	29.86	0.714	117.33	243.20	532.20			
9/9/99 6:45	1011.75	29.88	0.714	117.33	243.20	532.46			
9/9/99 7:00	1011.75	29.88	0.714	117.33	243.20	532.20	532.69		
9/9/99 7:15	1012.00	29.88	0.716	117.85	244.14	533.48			
9/9/99 7:30	1012.38	29.90	0.716	117.85	244.14	533.10			
9/9/99 7:45	1012.38	29.90	0.718	117.85	244.14	534.03			
9/9/99 8:00	1012.50	29.90	0.739	117.33	243.20	541.50	535.69		
9/9/99 8:15	1012.63	29.90	0.736	115.76	240.37	538.99			
9/9/99 8:30	1012.63	29.90	0.711	117.33	243.20	530.82			
9/9/99 8:45	1012.75	29.91	0.710	117.59	243.67	530.74			
9/9/99 9:00	1012.75	29.91	0.713	117.59	243.67	531.67	531.48		
9/9/99 9:15	1012.88	29.91	0.713	117.33	243.20	531.46			
9/9/99 9:30	1012.88	29.91	0.714	118.12	244.61	532.70			
9/9/99 9:45	1012.75	29.91	0.713	117.33	243.20	531.49			
9/9/99 10:00	1012.75	29.91	0.715	117.85	244.14	532.78	532.70		
9/9/99 10:15	1012.88	29.91	0.716	117.85	244.14	532.97			
9/9/99 10:30	1013.00	29.91	0.716	118.38	245.08	533.56			
9/9/99 10:45	1013.00	29.91	0.716	118.38	245.08	533.29			
9/9/99 11:00	1013.00	29.91	0.718	118.64	245.55	533.73	534.42		
9/9/99 11:15	1012.88	29.91	0.719	119.94	247.90	535.59			
9/9/99 11:30	1012.88	29.91	0.719	120.47	248.84	535.94			
9/9/99 11:45	1012.75	29.91	0.721	121.51	250.72	537.36			
9/9/99 12:00	1012.75	29.91	0.720	121.77	251.19	537.31	536.99		
9/9/99 12:15	1012.75	29.91	0.718	121.77	251.19	536.38			
9/9/99 12:30	1012.63	29.90	0.721	122.03	251.66	537.97			
9/9/99 12:45	1012.50	29.90	0.721	122.56	252.60	538.36			
9/9/99 13:00	1012.38	29.90	0.719	122.30	252.13	537.54	538.39		
9/9/99 13:15	1012.25	29.89	0.721	122.82	253.07	538.60			
9/9/99 13:30	1012.25	29.89	0.723	123.08	253.54	539.49			
9/9/99 13:45	1012.13	29.89	0.722	123.08	253.54	539.08			
9/9/99 14:00	1012.13	29.89	0.722	122.82	253.07	538.90	539.31		
9/9/99 14:15	1012.00	29.88	0.723	123.08	253.54	539.56			
9/9/99 14:30	1012.13	29.89	0.723	123.08	253.54	539.52			
9/9/99 14:45	1012.00	29.88	0.722	123.08	253.54	539.11			
9/9/99 15:00	1012.00	29.88	0.724	123.08	253.54	539.78	539.46		
9/9/99 15:15	1011.88	29.88	0.724	123.34	254.01	539.99			
9/9/99 15:30	1011.75	29.88	0.721	123.08	253.54	538.91			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/9/99 15:45	1011.63	29.87	0.724	123.34	254.01	540.32			
9/9/99 16:00	1011.50	29.87	0.725	123.34	254.01	540.58	539.88		
9/9/99 16:15	1011.38	29.87	0.722	123.08	253.54	539.28			
9/9/99 16:30	1011.25	29.86	0.724	123.60	254.48	540.34			
9/9/99 16:45	1011.25	29.86	0.724	123.34	254.01	540.42			
9/9/99 17:00	1011.13	29.86	0.724	123.34	254.01	540.45	540.04		
9/9/99 17:15	1011.13	29.86	0.723	122.82	253.07	539.39			
9/9/99 17:30	1011.13	29.86	0.723	122.82	253.07	539.61			
9/9/99 17:45	1011.13	29.86	0.721	122.56	252.60	538.73			
9/9/99 18:00	1011.13	29.86	0.724	122.03	251.66	539.56	539.09		
9/9/99 18:15	1011.13	29.86	0.724	121.77	251.19	539.12			
9/9/99 18:30	1011.25	29.86	0.722	121.77	251.19	538.42			
9/9/99 18:45	1011.38	29.87	0.719	121.51	250.72	537.26			
9/9/99 19:00	1011.63	29.87	0.724	121.25	250.25	538.63	538.11		
9/9/99 19:15	1011.75	29.88	0.724	120.99	249.78	538.42			
9/9/99 19:30	1011.88	29.88	0.723	120.47	248.84	537.81			
9/9/99 19:45	1012.00	29.88	0.724	120.21	248.37	537.82			
9/9/99 20:00	1012.00	29.88	0.723	119.68	247.43	537.02	536.82		
9/9/99 20:15	1012.13	29.89	0.721	119.42	246.96	536.10			
9/9/99 20:30	1012.25	29.89	0.721	118.38	245.08	535.35			
9/9/99 20:45	1012.38	29.90	0.720	117.85	244.14	534.74			
9/9/99 21:00	1012.50	29.90	0.719	117.07	242.73	533.95	534.03		
9/9/99 21:15	1012.50	29.90	0.719	116.55	241.79	533.37			
9/9/99 21:30	1012.50	29.90	0.718	116.02	240.84	532.75			
9/9/99 21:45	1012.50	29.90	0.718	115.50	239.90	532.17			
9/9/99 22:00	1012.63	29.90	0.719	114.98	238.96	532.26	532.30		
9/9/99 22:15	1012.75	29.91	0.719	114.72	238.49	532.27			
9/9/99 22:30	1012.75	29.91	0.719	114.72	238.49	532.05			
9/9/99 22:45	1012.75	29.91	0.721	114.46	238.02	532.54			
9/9/99 23:00	1012.88	29.91	0.719	114.20	237.55	531.88	531.77		
9/9/99 23:15	1013.00	29.91	0.719	113.93	237.08	531.67			
9/9/99 23:30	1013.00	29.91	0.716	114.20	237.55	530.70			
9/9/99 23:45	1013.00	29.91	0.719	113.93	237.08	531.67			
9/10/99 0:00	1013.25	29.92	0.718	113.93	237.08	531.12	531.36		
9/10/99 0:15	1013.38	29.92	0.720	113.93	237.08	531.79			
9/10/99 0:30	1013.38	29.92	0.719	114.20	237.55	531.53			
9/10/99 0:45	1013.50	29.93	0.721	115.24	239.43	532.88			
9/10/99 1:00	1013.63	29.93	0.723	115.50	239.90	533.95	532.96		
9/10/99 1:15	1013.63	29.93	0.721	115.50	239.90	533.02			
9/10/99 1:30	1013.88	29.94	0.722	115.50	239.90	533.44			
9/10/99 1:45	1013.88	29.94	0.722	115.24	239.43	533.26			
9/10/99 2:00	1014.00	29.94	0.721	115.24	239.43	532.97	533.31		
9/10/99 2:15	1014.00	29.94	0.722	115.24	239.43	533.23			
9/10/99 2:30	1014.13	29.95	0.724	114.98	238.96	533.68			
9/10/99 2:45	1014.25	29.95	0.723	114.72	238.49	533.02			
9/10/99 3:00	1014.50	29.96	0.721	114.72	238.49	532.26	532.63		
9/10/99 3:15	1014.50	29.96	0.723	114.20	237.55	532.60			
9/10/99 3:30	1014.38	29.95	0.721	113.67	236.61	531.57			
9/10/99 3:45	1014.50	29.96	0.721	113.41	236.14	531.36			
9/10/99 4:00	1014.50	29.96	0.723	113.15	235.67	532.10	531.36		
9/10/99 4:15	1014.63	29.96	0.721	112.89	235.20	531.19			
9/10/99 4:30	1014.50	29.96	0.720	112.63	234.73	530.60			
9/10/99 4:45	1014.38	29.95	0.719	112.37	234.26	530.01			
9/10/99 5:00	1014.38	29.95	0.719	112.11	233.79	530.05	530.26		
9/10/99 5:15	1014.25	29.95	0.721	112.11	233.79	530.53			
9/10/99 5:30	1014.25	29.95	0.720	111.84	233.32	530.13			
9/10/99 5:45	1014.50	29.96	0.721	111.32	232.38	529.92			
9/10/99 8:00	1014.50	29.96	0.720	111.58	232.85	529.88	529.66		
9/10/99 8:15	1014.63	29.96	0.718	111.32	232.38	528.97			
9/10/99 8:30	1014.75	29.97	0.719	111.32	232.38	529.41			
9/10/99 6:45	1014.75	29.97	0.718	111.06	231.91	528.54			
9/10/99 7:00	1014.88	29.97	0.719	111.06	231.91	529.20	529.25		
9/10/99 7:15	1014.88	29.97	0.721	110.80	231.44	529.46			
9/10/99 7:30	1015.00	29.97	0.721	111.06	231.91	529.61			
9/10/99 7:45	1015.13	29.98	0.720	111.06	231.91	529.36			
9/10/99 8:00	1015.13	29.98	0.723	111.32	232.38	530.46	530.12		
9/10/99 8:15	1015.25	29.98	0.722	111.32	232.38	530.20			
9/10/99 8:30	1015.25	29.98	0.723	112.11	233.79	530.96			
9/10/99 8:45	1015.25	29.98	0.721	112.89	235.20	530.80			
9/10/99 9:00	1015.13	29.98	0.723	113.67	236.61	532.30	532.12		
9/10/99 9:15	1015.00	29.97	0.724	114.46	238.02	533.35			
9/10/99 9:30	1015.13	29.98	0.723	114.98	238.96	533.19			
9/10/99 9:45	1015.25	29.98	0.723	115.76	240.37	533.48			
9/10/99 10:00	1015.25	29.98	0.725	116.29	241.32	534.76	534.94		
9/10/99 10:15	1015.38	29.98	0.729	116.81	242.26	536.45			
9/10/99 10:30	1015.25	29.98	0.729	117.33	243.20	536.84			
9/10/99 10:45	1015.25	29.98	0.728	117.85	244.14	536.76			
9/10/99 11:00	1015.25	29.98	0.729	118.12	244.61	537.64	536.81		
9/10/99 11:15	1015.25	29.98	0.725	118.12	244.61	536.01			
9/10/99 11:30	1015.13	29.98	0.728	117.85	244.14	536.79			
9/10/99 11:45	1015.00	29.97	0.728	118.12	244.61	537.00			
9/10/99 12:00	1014.88	29.97	0.726	118.64	245.55	536.69	536.97		
9/10/99 12:15	1014.75	29.97	0.728	118.90	246.02	537.60			
9/10/99 12:30	1014.50	29.96	0.725	118.90	246.02	536.75			
9/10/99 12:45	1014.38	29.95	0.728	119.42	246.96	538.28			
9/10/99 13:00	1014.25	29.95	0.727	119.42	246.96	537.87	538.08		
9/10/99 13:15	1014.13	29.95	0.728	119.68	247.43	538.53			
9/10/99 13:30	1014.00	29.94	0.729	119.94	247.90	538.96			
9/10/99 13:45	1013.88	29.94	0.725	120.21	248.37	537.81			
9/10/99 14:00	1013.75	29.94	0.728	120.47	248.84	538.94	538.76		
9/10/99 14:15	1013.50	29.93	0.728	120.73	249.31	539.19			
9/10/99 14:30	1013.38	29.92	0.726	120.99	249.78	538.92			
9/10/99 14:45	1013.25	29.92	0.728	120.99	249.78	539.66			
9/10/99 15:00	1013.13	29.92	0.726	121.25	250.25	539.16	539.11		
9/10/99 15:15	1013.13	29.92	0.726	120.99	249.78	538.99			
9/10/99 15:30	1013.00	29.91	0.726	120.73	249.31	538.64			
9/10/99 15:45	1012.88	29.91	0.728	121.51	250.72	540.11			
9/10/99 16:00	1012.75	29.91	0.728	121.77	251.19	540.33	540.33		
9/10/99 16:15	1012.75	29.91	0.730	122.03	251.66	541.21			
9/10/99 16:30	1012.75	29.91	0.729	122.30	252.13	541.17			
9/10/99 16:45	1012.63	29.90	0.730	122.30	252.13	541.42			
9/10/99 17:00	1012.63	29.90	0.728	121.77	251.19	540.14	540.63		
9/10/99 17:15	1012.63	29.90	0.728	121.51	250.72	540.18			
9/10/99 17:30	1012.63	29.90	0.729	121.25	250.25	540.22			
9/10/99 17:45	1012.63	29.90	0.730	120.99	249.78	540.53			
9/10/99 18:00	1012.63	29.90	0.727	120.73	249.31	539.20	539.90		
9/10/99 18:15	1012.75	29.91	0.728	120.73	249.31	539.39			
9/10/99 18:30	1012.75	29.91	0.730	120.47	248.84	540.14			
9/10/99 18:45	1012.88	29.91	0.728	120.21	248.37	539.00			
9/10/99 19:00	1012.88	29.91	0.728	120.21	248.37	539.00	538.93		
9/10/99 19:15	1012.88	29.91	0.728	119.94	247.90	538.82			
9/10/99 19:30	1013.00	29.91	0.725	119.68	247.43	537.88			
9/10/99 19:45	1013.00	29.91	0.728	119.16	246.49	538.25			
9/10/99 20:00	1013.13	29.92	0.726	118.38	245.08	536.97	538.74		
9/10/99 20:15	1013.25	29.92	0.724	117.59	243.67	535.70			
9/10/99 20:30	1013.50	29.93	0.724	116.81	242.26	535.10			
9/10/99 20:45	1013.63	29.93	0.721	116.29	241.32	533.78			
9/10/99 21:00	1013.75	29.94	0.723	116.02	240.84	534.27	533.64		
9/10/99 21:15	1014.00	29.94	0.720	115.24	239.43	532.52			

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Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/10/99 21:30	1014.13	29.95	0.721	114.98	238.96	532.53			
9/10/99 21:45	1014.25	29.95	0.723	114.46	238.02	533.06			
9/10/99 22:00	1014.38	29.95	0.723	113.93	237.08	532.45	532.49		
9/10/99 22:15	1014.38	29.95	0.721	114.20	237.55	531.93			
9/10/99 22:30	1014.38	29.95	0.723	113.93	237.08	532.45			
9/10/99 22:45	1014.50	29.96	0.723	113.93	237.08	532.42			
9/10/99 23:00	1014.50	29.96	0.719	113.67	236.61	531.10	531.65		
9/10/99 23:15	1014.50	29.96	0.720	113.41	236.14	531.14			
9/10/99 23:30	1014.50	29.96	0.720	113.41	236.14	531.14			
9/10/99 23:45	1014.50	29.96	0.724	112.89	235.20	532.14			
9/11/99 0:00	1014.63	29.96	0.721	112.89	235.20	530.97	531.09		
9/11/99 0:15	1014.63	29.96	0.721	112.37	234.26	530.61			
9/11/99 0:30	1014.63	29.96	0.721	112.37	234.26	530.61			
9/11/99 0:45	1014.75	29.97	0.722	112.37	234.26	531.05			
9/11/99 1:00	1014.75	29.97	0.721	112.37	234.26	530.80	530.72		
9/11/99 1:15	1015.00	29.97	0.722	112.11	233.79	530.81			
9/11/99 1:30	1015.00	29.97	0.721	112.11	233.79	530.33			
9/11/99 1:45	1014.88	29.97	0.722	111.84	233.32	530.66			
9/11/99 2:00	1014.88	29.97	0.719	111.58	232.85	529.58	530.22		
9/11/99 2:15	1014.88	29.97	0.721	111.32	232.38	530.04			
9/11/99 2:30	1014.75	29.97	0.722	111.58	232.85	530.51			
9/11/99 2:45	1014.88	29.97	0.719	111.06	231.91	528.98			
9/11/99 3:00	1015.00	29.97	0.719	110.80	231.44	528.99	529.73		
9/11/99 3:15	1015.13	29.98	0.721	111.06	231.91	529.80			
9/11/99 3:30	1015.50	29.99	0.723	111.32	232.38	530.38			
9/11/99 3:45	1015.63	29.99	0.721	111.06	231.91	529.67			
9/11/99 4:00	1015.63	29.99	0.721	110.80	231.44	529.49	529.77		
9/11/99 4:15	1015.75	30.00	0.721	110.80	231.44	529.24			
9/11/99 4:30	1015.88	30.00	0.723	111.06	231.91	530.08			
9/11/99 4:45	1015.88	30.00	0.721	111.06	231.91	529.38			
9/11/99 5:00	1016.00	30.00	0.722	110.80	231.44	529.65	529.61		
9/11/99 5:15	1016.00	30.00	0.720	111.06	231.91	529.13			
9/11/99 5:30	1016.13	30.01	0.723	110.80	231.44	529.83			
9/11/99 5:45	1016.38	30.01	0.724	110.80	231.44	530.21			
9/11/99 6:00	1016.50	30.02	0.724	110.80	231.44	530.18	530.02		
9/11/99 6:15	1016.63	30.02	0.723	110.80	231.44	529.92			
9/11/99 6:30	1016.75	30.02	0.724	110.54	230.97	529.93			
9/11/99 6:45	1017.00	30.03	0.722	110.54	230.97	529.21			
9/11/99 7:00	1017.25	30.04	0.721	110.28	230.50	528.70	529.14		
9/11/99 7:15	1017.38	30.04	0.719	110.54	230.97	528.19			
9/11/99 7:30	1017.63	30.05	0.723	110.80	231.44	529.66			
9/11/99 7:45	1017.75	30.05	0.724	111.32	232.38	530.21			
9/11/99 8:00	1017.75	30.05	0.722	111.06	231.91	529.37	530.45		
9/11/99 8:15	1017.88	30.06	0.725	111.84	233.32	531.01			
9/11/99 8:30	1017.88	30.06	0.726	112.63	234.73	531.99			
9/11/99 8:45	1018.00	30.06	0.726	113.41	236.14	532.28			
9/11/99 9:00	1018.13	30.07	0.726	113.67	236.61	532.65	532.73		
9/11/99 9:15	1018.13	30.07	0.724	114.46	238.02	532.53			
9/11/99 9:30	1018.25	30.07	0.728	114.98	238.96	534.21			
9/11/99 9:45	1018.38	30.07	0.729	115.76	240.37	535.20			
9/11/99 10:00	1018.50	30.08	0.728	116.29	241.32	535.04	535.48		
9/11/99 10:15	1018.63	30.08	0.729	117.07	242.73	535.77			
9/11/99 10:30	1018.75	30.08	0.731	117.85	244.14	537.19			
9/11/99 10:45	1018.75	30.08	0.733	118.12	244.81	537.85			
9/11/99 11:00	1018.75	30.08	0.733	118.90	246.02	538.61	538.23		
9/11/99 11:15	1018.63	30.08	0.734	119.42	246.96	539.22			
9/11/99 11:30	1018.50	30.08	0.731	119.68	247.43	538.29			
9/11/99 11:45	1018.38	30.07	0.733	120.21	248.37	539.61			
9/11/99 12:00	1018.38	30.07	0.731	120.73	249.31	539.04	539.70		
9/11/99 12:15	1018.25	30.07	0.736	121.25	250.25	541.50			
9/11/99 12:30	1018.13	30.07	0.731	121.77	251.19	540.04			
9/11/99 12:45	1018.00	30.06	0.734	122.03	251.66	541.18			
9/11/99 13:00	1017.88	30.06	0.735	122.30	252.13	541.87	541.22		
9/11/99 13:15	1017.75	30.05	0.733	122.56	252.60	541.38			
9/11/99 13:30	1017.75	30.05	0.734	122.56	252.60	541.60			
9/11/99 13:45	1017.75	30.05	0.734	122.82	253.07	541.78			
9/11/99 14:00	1017.50	30.05	0.734	123.08	253.54	542.03	541.95		
9/11/99 14:15	1017.36	30.04	0.734	123.60	254.48	542.68			
9/11/99 14:30	1017.13	30.04	0.732	123.34	254.01	541.64			
9/11/99 14:45	1017.00	30.03	0.734	123.88	254.95	542.95			
9/11/99 15:00	1017.00	30.03	0.734	124.13	255.43	542.87	543.13		
9/11/99 15:15	1016.75	30.02	0.737	124.13	255.43	544.12			
9/11/99 15:30	1016.63	30.02	0.736	124.39	255.90	544.08			
9/11/99 15:45	1016.50	30.02	0.735	124.65	256.37	543.85			
9/11/99 16:00	1016.50	30.02	0.736	124.65	256.37	544.07	544.29		
9/11/99 16:15	1016.38	30.01	0.736	124.91	256.84	544.28			
9/11/99 16:30	1016.38	30.01	0.738	125.17	257.31	545.16			
9/11/99 16:45	1016.38	30.01	0.735	125.17	257.31	544.24			
9/11/99 17:00	1016.38	30.01	0.737	125.17	257.31	544.94	544.37		
9/11/99 17:15	1016.38	30.01	0.734	124.65	256.37	543.40			
9/11/99 17:30	1016.25	30.01	0.736	124.65	256.37	544.13			
9/11/99 17:45	1016.13	30.01	0.734	124.13	255.43	543.37			
9/11/99 18:00	1016.13	30.01	0.731	123.60	254.48	541.83	542.97		
9/11/99 18:15	1016.13	30.01	0.734	123.86	254.95	542.93			
9/11/99 18:30	1016.00	30.00	0.734	123.34	254.01	542.61			
9/11/99 18:45	1016.00	30.00	0.738	123.60	254.48	543.49			
9/11/99 19:00	1016.00	30.00	0.734	123.08	253.54	542.69	542.66		
9/11/99 19:15	1016.13	30.01	0.735	122.56	252.60	542.52			
9/11/99 19:30	1016.00	30.00	0.735	121.77	251.19	542.01			
9/11/99 19:45	1016.25	30.01	0.734	120.99	249.78	540.93			
9/11/99 20:00	1016.38	30.01	0.731	120.21	248.37	539.44	539.65		
9/11/99 20:15	1016.38	30.01	0.729	119.68	247.43	538.15			
9/11/99 20:30	1016.63	30.02	0.729	119.18	246.49	537.73			
9/11/99 20:45	1016.88	30.03	0.731	119.16	246.49	538.59			
9/11/99 21:00	1017.00	30.03	0.731	118.38	245.08	538.02	537.52		
9/11/99 21:15	1017.00	30.03	0.729	117.85	244.14	536.74			
9/11/99 21:30	1017.13	30.04	0.729	117.59	243.67	536.52			
9/11/99 21:45	1017.13	30.04	0.729	117.85	244.14	536.70			
9/11/99 22:00	1017.25	30.04	0.730	117.59	243.67	536.97	536.71		
9/11/99 22:15	1017.25	30.04	0.729	117.33	243.20	536.57			
9/11/99 22:30	1017.38	30.04	0.731	117.07	242.73	536.60			
9/11/99 22:45	1017.38	30.04	0.733	117.07	242.73	537.50			
9/11/99 23:00	1017.50	30.05	0.728	116.81	242.26	535.67	536.25		
9/11/99 23:15	1017.63	30.05	0.728	116.81	242.26	535.63			
9/11/99 23:30	1017.75	30.05	0.729	116.55	241.79	535.84			
9/11/99 23:45	1017.75	30.05	0.732	116.55	241.79	536.82			
9/12/99 0:00	1017.75	30.05	0.728	116.02	240.84	534.84	535.41		
9/12/99 0:15	1017.88	30.06	0.728	115.76	240.37	534.63			
9/12/99 0:30	1017.75	30.05	0.729	115.76	240.37	535.10			
9/12/99 0:45	1017.75	30.05	0.731	116.02	240.84	535.98			
9/12/99 1:00	1017.88	30.06	0.728	116.02	240.84	534.81	535.18		
9/12/99 1:15	1017.88	30.06	0.729	115.76	240.37	535.33			
9/12/99 1:30	1017.88	30.06	0.728	115.50	239.90	534.67			
9/12/99 1:45	1018.00	30.06	0.729	115.24	239.43	534.93			
9/12/99 2:00	1018.13	30.07	0.727	115.24	239.43	533.98	534.23		
9/12/99 2:15	1018.25	30.07	0.727	114.98	238.96	533.77			
9/12/99 2:30	1018.25	30.07	0.727	114.98	238.96	533.77			
9/12/99 2:45	1018.38	30.07	0.729	114.98	238.96	534.66			
9/12/99 3:00	1016.38	30.07	0.725	114.96	238.96	533.04	533.69		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/12/99 3:15	1018.63	30.08	0.727	114.72	238.49	533.49			
9/12/99 3:30	1018.63	30.08	0.727	114.72	238.49	533.49			
9/12/99 3:45	1018.75	30.08	0.727	114.72	238.49	533.48			
9/12/99 4:00	1018.88	30.09	0.728	114.48	238.02	533.47	533.73		
9/12/99 4:15	1018.88	30.09	0.729	114.72	238.49	534.09			
9/12/99 4:30	1019.00	30.09	0.729	114.46	238.02	534.13			
9/12/99 4:45	1019.00	30.09	0.729	114.72	238.49	534.31			
9/12/99 5:00	1019.25	30.10	0.731	114.20	237.55	534.55	533.88		
9/12/99 5:15	1019.38	30.10	0.729	113.93	237.08	533.42			
9/12/99 5:30	1019.38	30.10	0.728	113.93	237.08	532.98			
9/12/99 5:45	1019.63	30.11	0.728	113.93	237.08	532.91			
9/12/99 6:00	1019.63	30.11	0.727	113.93	237.08	532.69	533.01		
9/12/99 6:15	1019.63	30.11	0.729	113.93	237.08	533.35			
9/12/99 6:30	1019.75	30.11	0.728	113.93	237.08	533.10			
9/12/99 6:45	1019.88	30.12	0.729	113.93	237.08	533.29			
9/12/99 7:00	1019.88	30.12	0.729	114.20	237.55	533.47	533.60		
9/12/99 7:15	1020.00	30.12	0.730	114.46	238.02	534.09			
9/12/99 7:30	1020.00	30.12	0.729	114.72	238.49	534.05			
9/12/99 7:45	1020.13	30.12	0.730	114.72	238.49	534.24			
9/12/99 8:00	1020.13	30.12	0.731	114.98	238.96	534.64	534.50		
9/12/99 8:15	1020.13	30.12	0.730	114.98	238.96	534.42			
9/12/99 8:30	1020.13	30.12	0.731	115.78	240.37	535.18			
9/12/99 8:45	1020.00	30.12	0.732	116.29	241.32	536.04			
9/12/99 9:00	1020.00	30.12	0.732	117.33	243.20	536.76	536.54		
9/12/99 9:15	1020.13	30.12	0.731	117.85	244.14	536.83			
9/12/99 9:30	1020.13	30.12	0.733	118.38	245.08	537.89			
9/12/99 9:45	1020.13	30.12	0.736	119.16	246.49	539.34			
9/12/99 10:00	1020.13	30.12	0.731	119.68	247.43	538.09	538.88		
9/12/99 10:15	1020.13	30.12	0.734	120.21	248.37	539.62			
9/12/99 10:30	1020.13	30.12	0.733	120.99	249.78	539.46			
9/12/99 10:45	1020.00	30.12	0.734	121.51	250.72	540.29			
9/12/99 11:00	1020.00	30.12	0.735	122.03	251.66	541.13	540.75		
9/12/99 11:15	1019.75	30.11	0.735	122.30	252.13	541.37			
9/12/99 11:30	1019.75	30.11	0.734	122.82	253.07	541.51			
9/12/99 11:45	1019.75	30.11	0.733	123.08	253.54	541.21			
9/12/99 12:00	1019.63	30.11	0.733	123.34	254.01	541.42	541.40		
9/12/99 12:15	1019.50	30.11	0.731	123.60	254.48	540.93			
9/12/99 12:30	1019.25	30.10	0.734	123.60	254.48	541.92			
9/12/99 12:45	1019.00	30.09	0.733	123.60	254.48	541.76			
9/12/99 13:00	1018.63	30.08	0.731	123.60	254.48	541.16	542.01		
9/12/99 13:15	1018.50	30.08	0.731	124.13	255.43	541.55			
9/12/99 13:30	1018.25	30.07	0.736	124.39	255.90	543.64			
9/12/99 13:45	1018.13	30.07	0.736	124.65	256.37	543.85			
9/12/99 14:00	1017.88	30.06	0.734	124.91	256.84	543.18	543.36		
9/12/99 14:15	1017.63	30.05	0.733	124.65	256.37	542.64			
9/12/99 14:30	1017.38	30.04	0.734	124.65	256.37	543.39			
9/12/99 14:45	1017.13	30.04	0.733	125.17	257.31	543.11			
9/12/99 15:00	1016.88	30.03	0.732	125.17	257.31	542.95	542.95		
9/12/99 15:15	1016.88	30.03	0.730	125.17	257.31	542.25			
9/12/99 15:30	1018.63	30.02	0.733	124.91	256.84	543.06			
9/12/99 15:45	1018.38	30.01	0.733	125.43	257.78	543.71			
9/12/99 16:00	1018.25	30.01	0.733	125.69	258.25	543.70	543.47		
9/12/99 16:15	1016.00	30.00	0.733	125.17	257.31	543.63			
9/12/99 16:30	1015.88	30.00	0.732	125.17	257.31	543.22			
9/12/99 16:45	1015.75	30.00	0.732	125.17	257.31	543.25			
9/12/99 17:00	1015.63	29.99	0.732	125.17	257.31	543.29	543.13		
9/12/99 17:15	1015.63	29.99	0.731	125.43	257.78	542.98			
9/12/99 17:30	1015.75	30.00	0.732	124.65	256.37	542.90			
9/12/99 17:45	1015.75	30.00	0.733	124.65	256.37	543.34			
9/12/99 18:00	1015.75	30.00	0.732	124.39	255.90	542.72	542.73		
9/12/99 18:15	1015.75	30.00	0.731	124.39	255.90	542.46			
9/12/99 18:30	1015.75	30.00	0.731	124.39	255.90	542.24			
9/12/99 18:45	1015.75	30.00	0.734	124.39	255.90	543.39			
9/12/99 19:00	1015.75	30.00	0.731	124.39	255.90	542.46	542.55		
9/12/99 19:15	1015.75	30.00	0.731	124.13	255.43	542.28			
9/12/99 19:30	1015.63	29.99	0.732	123.86	254.95	542.40			
9/12/99 19:45	1015.88	30.00	0.732	123.60	254.48	542.15			
9/12/99 20:00	1015.75	30.00	0.731	123.08	253.54	541.35	541.55		
9/12/99 20:15	1015.50	29.99	0.731	122.56	252.60	541.06			
9/12/99 20:30	1015.75	30.00	0.731	122.30	252.13	540.81			
9/12/99 20:45	1015.75	30.00	0.731	122.30	252.13	540.81			
9/12/99 21:00	1015.75	30.00	0.731	122.03	251.66	540.85	540.76		
9/12/99 21:15	1015.88	30.00	0.730	122.03	251.66	540.38			
9/12/99 21:30	1016.00	30.00	0.731	122.30	252.13	540.97			
9/12/99 21:45	1016.00	30.00	0.731	122.30	252.13	540.74			
9/12/99 22:00	1016.25	30.01	0.731	122.03	251.66	540.50	540.71		
9/12/99 22:15	1016.50	30.02	0.731	122.03	251.66	540.65			
9/12/99 22:30	1016.38	30.01	0.731	122.03	251.66	540.69			
9/12/99 22:45	1016.50	30.02	0.729	122.30	252.13	540.17			
9/12/99 23:00	1016.63	30.02	0.731	122.03	251.66	540.62	540.41		
9/12/99 23:15	1016.63	30.02	0.729	122.03	251.66	539.96			
9/12/99 23:30	1016.63	30.02	0.731	122.03	251.66	540.62			
9/12/99 23:45	1016.63	30.02	0.731	122.30	252.13	540.60			
9/13/99 0:00	1016.75	30.02	0.730	122.30	252.13	540.32	540.56		
9/13/99 0:15	1016.75	30.02	0.731	122.03	251.66	540.37			
9/13/99 0:30	1016.88	30.03	0.732	122.03	251.66	540.81			
9/13/99 0:45	1017.13	30.04	0.730	121.77	251.19	539.87			
9/13/99 1:00	1017.13	30.04	0.731	121.51	250.72	539.91	539.23		
9/13/99 1:15	1016.50	30.02	0.728	119.42	246.96	537.72			
9/13/99 1:30	1016.75	30.02	0.728	119.68	247.43	537.83			
9/13/99 1:45	1016.63	30.02	0.731	119.66	247.43	538.79			
9/13/99 2:00	1016.50	30.02	0.726	119.18	246.49	537.32	537.98*		
9/13/99 2:15	1016.75	30.02	0.728	119.42	246.96	537.43			
9/13/99 2:30	1016.75	30.02	0.730	119.68	247.43	538.54			
9/13/99 2:45	1016.75	30.02	0.728	119.42	246.96	537.43			
9/13/99 3:00	1016.88	30.03	0.728	119.42	246.96	537.62	538.01		
9/13/99 3:15	1017.13	30.04	0.729	119.68	247.43	538.21			
9/13/99 3:30	1017.25	30.04	0.731	119.16	246.49	538.27			
9/13/99 3:45	1017.13	30.04	0.729	119.18	246.49	537.60			
9/13/99 4:00	1017.00	30.03	0.728	118.90	246.02	537.01	537.51		
9/13/99 4:15	1016.63	30.02	0.729	118.90	246.02	537.55			
9/13/99 4:30	1016.63	30.02	0.728	118.90	246.02	537.11			
9/13/99 4:45	1016.63	30.02	0.728	118.90	246.02	537.33			
9/13/99 5:00	1016.88	30.03	0.727	118.12	244.61	536.26	537.05		
9/13/99 5:15	1016.75	30.02	0.729	118.12	244.61	537.24			
9/13/99 5:30	1016.75	30.02	0.730	117.65	244.14	537.28			
9/13/99 5:45	1016.88	30.03	0.726	118.38	245.08	536.21			
9/13/99 6:00	1017.13	30.04	0.729	118.38	245.08	537.32	536.72		
9/13/99 6:15	1017.25	30.04	0.728	118.12	244.61	536.41			
9/13/99 6:30	1017.25	30.04	0.728	118.12	244.61	536.41			
9/13/99 6:45	1017.25	30.04	0.727	118.12	244.61	536.19			
9/13/99 7:00	1017.38	30.04	0.725	118.12	244.61	535.45	536.08		
9/13/99 7:15	1017.38	30.04	0.727	118.12	244.61	536.15			
9/13/99 7:30	1017.38	30.04	0.728	117.85	244.14	536.20			
9/13/99 7:45	1017.50	30.05	0.727	118.12	244.61	536.12			
9/13/99 8:00	1017.63	30.05	0.728	118.38	245.08	536.49	536.29		
9/13/99 8:15	1017.63	30.05	0.728	118.12	244.61	536.31			
9/13/99 8:30	1017.50	30.05	0.728	118.12	244.61	536.34			
9/13/99 8:45	1017.63	30.05	0.764	118.55	241.79	548.39			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/13/99 9:00	1017.50	30.05	0.725	118.12	244.61	535.42	538.57		
9/13/99 9:15	1017.63	30.05	0.728	118.38	245.08	536.01			
9/13/99 9:30	1017.75	30.05	0.728	118.38	245.08	538.88			
9/13/99 9:45	1017.75	30.05	0.731	118.84	245.55	537.78			
9/13/99 10:00	1017.88	30.06	0.728	118.90	246.02	537.00	537.23		
9/13/99 10:15	1018.00	30.06	0.728	119.16	246.49	537.15			
9/13/99 10:30	1018.25	30.07	0.729	119.16	246.49	537.56			
9/13/99 10:45	1018.38	30.07	0.731	119.16	246.49	537.97			
9/13/99 11:00	1018.38	30.07	0.730	119.42	246.96	537.93	537.93		
9/13/99 11:15	1018.63	30.08	0.731	119.42	246.96	538.08			
9/13/99 11:30	1018.75	30.08	0.731	119.16	246.49	538.09			
9/13/99 11:45	1018.75	30.08	0.730	119.16	246.49	537.85			
9/13/99 12:00	1018.75	30.08	0.731	119.42	246.96	538.05	538.15		
9/13/99 12:15	1018.63	30.08	0.732	119.68	247.43	538.74			
9/13/99 12:30	1018.38	30.07	0.729	120.21	248.37	538.24			
9/13/99 12:45	1018.25	30.07	0.732	120.21	248.37	539.20			
9/13/99 13:00	1018.25	30.07	0.734	120.21	248.37	539.86	539.04		
9/13/99 13:15	1018.25	30.07	0.732	120.21	248.37	539.20			
9/13/99 13:30	1018.25	30.07	0.731	120.21	248.37	538.72			
9/13/99 13:45	1018.13	30.07	0.730	120.21	248.37	538.53			
9/13/99 14:00	1018.00	30.06	0.732	120.73	249.31	539.62	539.13		
9/13/99 14:15	1017.88	30.06	0.732	120.73	249.31	539.65			
9/13/99 14:30	1017.88	30.06	0.730	120.99	249.78	539.13			
9/13/99 14:45	1017.75	30.05	0.733	120.99	249.78	540.09			
9/13/99 15:00	1017.75	30.05	0.731	120.99	249.78	539.61	540.16		
9/13/99 15:15	1017.75	30.05	0.734	121.51	250.72	540.89			
9/13/99 15:30	1017.63	30.05	0.734	121.77	251.19	541.10			
9/13/99 15:45	1017.50	30.05	0.732	121.77	251.19	540.47			
9/13/99 16:00	1017.50	30.05	0.730	121.77	251.19	539.77	540.58		
9/13/99 16:15	1017.38	30.04	0.731	121.77	251.19	540.24			
9/13/99 16:30	1017.38	30.04	0.734	122.03	251.66	541.34			
9/13/99 16:45	1017.38	30.04	0.733	122.30	252.13	541.30			
9/13/99 17:00	1017.38	30.04	0.733	122.03	251.66	541.12	541.17		
9/13/99 17:15	1017.50	30.05	0.732	121.77	251.19	540.47			
9/13/99 17:30	1017.50	30.05	0.735	121.77	251.19	541.61			
9/13/99 17:45	1017.50	30.05	0.734	121.77	251.19	541.39			
9/13/99 18:00	1017.50	30.05	0.734	121.77	251.19	541.39	541.33		
9/13/99 18:15	1017.50	30.05	0.734	121.25	250.25	541.03			
9/13/99 18:30	1017.63	30.05	0.735	121.25	250.25	541.22			
9/13/99 18:45	1017.63	30.05	0.734	121.25	250.25	540.74			
9/13/99 19:00	1017.63	30.05	0.734	120.99	249.78	540.56	540.74		
9/13/99 19:15	1017.75	30.05	0.734	120.99	249.78	540.79			
9/13/99 19:30	1017.88	30.06	0.734	120.47	248.84	540.40			
9/13/99 19:45	1018.00	30.06	0.733	120.21	248.37	539.70			
9/13/99 20:00	1018.25	30.07	0.734	119.68	247.43	539.50	539.59		
9/13/99 20:15	1018.38	30.07	0.734	119.42	246.96	539.55			
9/13/99 20:30	1018.63	30.08	0.733	119.16	246.49	538.82			
9/13/99 20:45	1018.88	30.09	0.734	118.90	246.02	539.05			
9/13/99 21:00	1019.00	30.09	0.733	118.38	245.08	538.18	538.28		
9/13/99 21:15	1019.13	30.09	0.734	118.12	244.61	538.45			
9/13/99 21:30	1019.25	30.10	0.731	117.59	243.67	538.88			
9/13/99 21:45	1019.38	30.10	0.731	117.07	242.73	538.49			
9/13/99 22:00	1019.38	30.10	0.731	116.81	242.26	538.31	538.63		
9/13/99 22:15	1019.38	30.10	0.733	116.55	241.79	538.61			
9/13/99 22:30	1019.38	30.10	0.734	116.29	241.32	538.87			
9/13/99 22:45	1019.50	30.11	0.731	115.76	240.37	535.56			
9/13/99 23:00	1019.50	30.11	0.733	115.50	239.90	538.07	535.83		
9/13/99 23:15	1019.63	30.11	0.733	114.98	238.96	535.46			
9/13/99 23:30	1019.75	30.11	0.732	114.98	238.96	535.21			
9/13/99 23:45	1019.75	30.11	0.732	114.98	238.96	535.21			
9/14/99 0:00	1019.75	30.11	0.731	114.20	237.55	534.19	534.36		
9/14/99 0:15	1019.75	30.11	0.729	113.93	237.08	533.58			
9/14/99 0:30	1019.75	30.11	0.730	113.67	236.61	533.82			
9/14/99 0:45	1019.88	30.12	0.733	113.41	236.14	534.53			
9/14/99 1:00	1020.00	30.12	0.731	113.41	236.14	533.59	533.46		
9/14/99 1:15	1020.13	30.12	0.729	113.41	236.14	533.12			
9/14/99 1:30	1020.25	30.13	0.728	113.15	235.67	532.43			
9/14/99 1:45	1020.00	30.12	0.732	113.93	237.08	534.42			
9/14/99 2:00	1020.25	30.13	0.731	113.93	237.08	534.10	533.64		
9/14/99 2:15	1020.25	30.13	0.729	113.41	236.14	533.09			
9/14/99 2:30	1020.25	30.13	0.732	113.67	236.61	534.16			
9/14/99 2:45	1020.25	30.13	0.734	113.67	236.61	535.09			
9/14/99 3:00	1020.38	30.13	0.730	113.67	236.61	533.45	534.31		
9/14/99 3:15	1020.38	30.13	0.734	113.67	236.61	534.80			
9/14/99 3:30	1020.25	30.13	0.733	113.15	235.67	534.04			
9/14/99 3:45	1020.13	30.12	0.730	112.89	235.20	532.98			
9/14/99 4:00	1020.13	30.12	0.731	112.63	234.73	533.02	533.08		
9/14/99 4:15	1020.25	30.13	0.731	112.37	234.26	532.80			
9/14/99 4:30	1020.38	30.13	0.731	112.11	233.79	532.59			
9/14/99 4:45	1020.50	30.14	0.728	111.58	232.85	531.06			
9/14/99 5:00	1020.63	30.14	0.728	111.06	231.91	530.89	531.49		
9/14/99 5:15	1020.63	30.14	0.731	111.32	232.38	531.98			
9/14/99 5:30	1020.63	30.14	0.729	110.80	231.44	530.93			
9/14/99 5:45	1020.75	30.14	0.728	111.32	232.38	531.04			
9/14/99 6:00	1020.88	30.15	0.729	111.06	231.91	531.30	531.29		
9/14/99 6:15	1020.88	30.15	0.730	111.06	231.91	531.52			
9/14/99 6:30	1021.00	30.15	0.730	111.32	232.38	531.67			
9/14/99 6:45	1021.00	30.15	0.730	111.06	231.91	531.49			
9/14/99 7:00	1021.13	30.15	0.730	110.80	231.44	531.27	531.62		
9/14/99 7:15	1021.25	30.16	0.734	111.06	231.91	532.77			
9/14/99 7:30	1021.25	30.16	0.732	110.80	231.44	531.93			
9/14/99 7:45	1021.38	30.16	0.729	110.54	230.97	530.81			
9/14/99 8:00	1021.50	30.16	0.729	110.80	231.44	530.96	528.76		
9/14/99 8:15	1021.50	30.16	0.878	105.83	222.50	508.63			
9/14/99 8:30	1021.50	30.16	0.729	111.58	232.85	531.50			
9/14/99 8:45	1021.63	30.17	0.753	111.84	233.32	540.21			
9/14/99 9:00	1021.63	30.17	0.705	114.72	238.49	524.82	529.73		
9/14/99 9:15	1021.63	30.17	0.706	116.02	240.84	525.73			
9/14/99 9:30	1021.50	30.16	0.707	116.55	241.79	528.60			
9/14/99 9:45	1021.63	30.17	0.708	117.33	243.20	527.54			
9/14/99 10:00	1021.88	30.18	0.709	117.85	244.14	528.06	527.77		
9/14/99 10:15	1022.00	30.18	0.709	117.85	244.14	528.28			
9/14/99 10:30	1022.00	30.18	0.709	118.38	245.08	528.38			
9/14/99 10:45	1022.00	30.18	0.709	118.90	246.02	528.73			
9/14/99 11:00	1021.88	30.18	0.711	119.18	246.49	529.84	529.54		
9/14/99 11:15	1022.00	30.18	0.712	119.42	246.96	530.27			
9/14/99 11:30	1022.00	30.18	0.713	119.68	247.43	530.67			
9/14/99 11:45	1021.88	30.18	0.712	119.94	247.90	530.66			
9/14/99 12:00	1021.88	30.18	0.711	119.94	247.90	530.17	530.90		
9/14/99 12:15	1021.88	30.18	0.714	120.21	248.37	531.50			
9/14/99 12:30	1021.75	30.17	0.713	120.47	248.84	531.49			
9/14/99 12:45	1021.75	30.17	0.713	120.47	248.84	531.49			
9/14/99 13:00	1021.63	30.17	0.713	120.73	249.31	531.48	531.78		
9/14/99 13:15	1021.50	30.18	0.718	120.99	249.78	533.10			
9/14/99 13:30	1021.25	30.16	0.712	120.73	249.31	531.35			
9/14/99 13:45	1021.13	30.15	0.714	120.99	249.78	532.23			
9/14/99 14:00	1021.13	30.15	0.714	121.25	250.25	532.41	532.13		
9/14/99 14:15	1021.00	30.15	0.714	120.99	249.78	532.28			
9/14/99 14:30	1020.75	30.14	0.713	121.77	251.19	532.41			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/14/99 14:45	1020.50	30.14	0.713	121.77	251.19	532.47			
9/14/99 15:00	1020.38	30.13	0.714	121.77	251.19	532.95	532.88		
9/14/99 15:15	1020.13	30.12	0.715	122.03	251.66	533.68			
9/14/99 15:30	1020.13	30.12	0.712	122.56	252.60	532.87			
9/14/99 15:45	1020.00	30.12	0.715	122.82	253.07	534.24			
9/14/99 16:00	1020.00	30.12	0.714	122.82	253.07	534.02	533.52		
9/14/99 16:15	1020.00	30.12	0.714	121.77	251.19	533.05			
9/14/99 16:30	1020.00	30.12	0.714	122.30	252.13	533.40			
9/14/99 16:45	1019.88	30.12	0.716	122.56	252.60	534.32			
9/14/99 17:00	1019.88	30.12	0.716	122.30	252.13	534.15	533.88		
9/14/99 17:15	1019.88	30.12	0.716	121.51	250.72	533.88			
9/14/99 17:30	1020.00	30.12	0.715	121.77	251.19	533.54			
9/14/99 17:45	1019.88	30.12	0.716	121.51	250.72	533.62			
9/14/99 18:00	1019.88	30.12	0.716	120.99	249.78	533.52	533.27		
9/14/99 18:15	1019.88	30.12	0.717	120.73	249.31	533.57			
9/14/99 18:30	1019.88	30.12	0.713	120.99	249.78	532.11			
9/14/99 18:45	1020.00	30.12	0.715	120.47	248.84	532.65			
9/14/99 19:00	1020.00	30.12	0.717	120.21	248.37	533.18	532.60		
9/14/99 19:15	1020.00	30.12	0.714	120.21	248.37	531.99			
9/14/99 19:30	1020.00	30.12	0.718	119.88	247.43	533.05			
9/14/99 19:45	1020.13	30.12	0.718	119.16	246.49	532.22			
9/14/99 20:00	1020.25	30.13	0.714	118.38	245.08	530.95	531.12		
9/14/99 20:15	1020.38	30.13	0.714	117.59	243.67	530.39			
9/14/99 20:30	1020.50	30.14	0.711	117.33	243.20	528.99			
9/14/99 20:45	1020.63	30.14	0.714	116.55	241.79	529.35			
9/14/99 21:00	1021.00	30.15	0.713	116.02	240.84	528.46	528.87		
9/14/99 21:15	1021.25	30.18	0.714	115.50	239.90	528.48			
9/14/99 21:30	1021.38	30.16	0.713	115.24	239.43	528.05			
9/14/99 21:45	1021.38	30.16	0.714	115.24	239.43	528.53			
9/14/99 22:00	1021.50	30.16	0.711	114.98	238.96	527.14	527.74		
9/14/99 22:15	1021.38	30.16	0.713	114.72	238.49	527.69			
9/14/99 22:30	1021.50	30.16	0.713	114.20	237.55	527.31			
9/14/99 22:45	1021.50	30.16	0.711	114.46	238.02	526.56			
9/14/99 23:00	1021.63	30.17	0.712	113.93	237.08	526.85	526.82		
9/14/99 23:15	1021.50	30.16	0.711	113.93	237.08	526.43			
9/14/99 23:30	1021.50	30.16	0.714	113.67	236.61	527.17			
9/14/99 23:45	1021.50	30.16	0.711	113.67	236.61	526.25			
9/15/99 0:00	1021.50	30.16	1.138	96.43	205.57	650.71	608.35		
9/15/99 0:15	1021.50	30.16	1.233	88.07	190.52	669.46			
9/15/99 0:30	1021.63	30.17	1.231	87.28	189.11	668.17			
9/15/99 0:45	1021.63	30.17	1.227	87.28	189.11	667.17			
9/15/99 1:00	1021.50	30.16	1.234	87.28	189.11	669.06	668.17		
9/15/99 1:15	1021.38	30.16	1.231	87.54	189.58	668.50			
9/15/99 1:30	1021.38	30.16	1.229	87.28	189.11	667.93			
9/15/99 1:45	1021.50	30.16	1.229	87.28	189.11	667.89			
9/15/99 2:00	1021.50	30.16	1.229	87.28	189.11	667.89	667.75		
9/15/99 2:15	1021.38	30.16	1.231	87.28	189.11	668.26			
9/15/99 2:30	1021.25	30.16	1.225	87.28	189.11	666.77			
9/15/99 2:45	1021.25	30.16	1.229	87.28	189.11	667.97			
9/15/99 3:00	1021.25	30.16	1.233	87.28	189.11	668.81	668.03		
9/15/99 3:15	1021.38	30.16	1.229	88.07	190.52	668.46			
9/15/99 3:30	1021.25	30.16	1.230	87.28	189.11	668.13			
9/15/99 3:45	1021.13	30.15	1.230	87.28	189.11	668.17			
9/15/99 4:00	1021.13	30.15	1.232	87.54	189.58	668.93	668.28		
9/15/99 4:15	1021.13	30.15	1.231	87.28	189.11	668.34			
9/15/99 4:30	1021.00	30.15	1.229	87.02	188.64	667.81			
9/15/99 4:45	1021.00	30.15	1.229	86.76	188.17	667.57			
9/15/99 5:00	1021.00	30.15	1.228	86.76	188.17	667.05	667.32		
9/15/99 5:15	1021.13	30.15	1.228	86.78	188.17	667.01			
9/15/99 5:30	1021.25	30.18	1.228	86.78	188.17	667.13			
9/15/99 5:45	1021.38	30.16	1.232	86.76	188.17	668.12			
9/15/99 6:00	1021.38	30.16	1.229	88.78	188.17	667.45	633.97		
9/15/99 6:15	1021.38	30.16	1.150	86.33	190.99	646.94			
9/15/99 6:30	1021.50	30.16	0.703	109.23	228.62	520.23			
9/15/99 6:45	1021.63	30.17	0.708	111.32	232.38	523.47			
9/15/99 7:00	1021.88	30.18	0.708	111.32	232.38	523.41	523.00		
9/15/99 7:15	1021.88	30.18	0.711	111.84	233.32	524.69			
9/15/99 7:30	1021.88	30.16	0.708	111.32	232.38	523.18			
9/15/99 7:45	1022.00	30.18	0.710	111.32	232.38	524.08			
9/15/99 8:00	1022.00	30.18	0.710	112.11	233.79	524.61	524.42		
9/15/99 8:15	1022.00	30.18	0.711	112.37	234.26	525.01			
9/15/99 8:30	1022.00	30.18	0.711	112.37	234.26	525.23			
9/15/99 8:45	1022.13	30.18	0.710	113.15	235.67	525.29			
9/15/99 9:00	1022.25	30.19	0.753	111.84	233.32	539.83	532.40		
9/15/99 9:15	1022.13	30.18	0.738	112.37	234.26	535.04			
9/15/99 9:30	1022.13	30.18	0.739	113.93	237.08	536.60			
9/15/99 9:45	1022.13	30.18	0.741	114.46	238.02	537.39			
9/15/99 10:00	1022.13	30.18	0.741	114.98	238.96	537.97	537.77		
9/15/99 10:15	1022.13	30.18	0.740	116.02	240.84	538.26			
9/15/99 10:30	1022.13	30.18	0.740	116.55	241.79	538.62			
9/15/99 10:45	1022.13	30.18	0.740	117.33	243.20	539.16			
9/15/99 11:00	1022.13	30.18	0.743	117.85	244.14	540.65	540.16		
9/15/99 11:15	1021.66	30.18	0.744	118.38	245.08	541.30			
9/15/99 11:30	1021.63	30.17	0.742	118.90	246.02	541.07			
9/15/99 11:45	1021.38	30.16	0.743	118.90	246.02	541.57			
9/15/99 12:00	1021.25	30.16	0.744	119.16	246.49	542.01	541.63		
9/15/99 12:15	1021.13	30.15	0.743	119.68	247.43	542.18			
9/15/99 12:30	1021.00	30.15	0.741	119.68	247.43	541.30			
9/15/99 12:45	1020.86	30.15	0.743	119.94	247.90	542.43			
9/15/99 13:00	1020.88	30.15	0.743	120.47	248.84	542.57	542.41		
9/15/99 13:15	1020.63	30.14	0.743	120.47	248.84	542.85			
9/15/99 13:30	1020.50	30.14	0.743	120.47	248.84	542.89			
9/15/99 13:45	1020.25	30.13	0.740	118.64	245.55	540.56			
9/15/99 14:00	1019.88	30.12	0.738	118.38	245.08	539.57	541.48		
9/15/99 14:15	1019.75	30.11	0.742	119.42	246.96	541.93			
9/15/99 14:30	1019.38	30.10	0.743	119.42	246.96	542.47			
9/15/99 14:45	1019.00	30.09	0.737	118.90	246.02	539.94			
9/15/99 15:00	1018.75	30.08	0.738	119.16	246.49	540.40	541.04		
9/15/99 15:15	1018.75	30.08	0.739	119.16	246.49	540.84			
9/15/99 15:30	1018.63	30.08	0.740	119.42	246.96	541.53			
9/15/99 15:45	1018.38	30.07	0.739	119.94	247.90	541.74			
9/15/99 16:00	1018.25	30.07	0.741	120.73	249.31	542.97	542.09		
9/15/99 16:15	1018.13	30.07	0.739	120.21	248.37	541.73			
9/15/99 16:30	1018.00	30.06	0.741	120.21	248.37	542.46			
9/15/99 16:45	1017.88	30.06	0.741	120.21	248.37	542.49			
9/15/99 17:00	1017.75	30.05	0.739	119.42	246.96	541.29	541.33		
9/15/99 17:15	1017.75	30.05	0.738	117.85	244.14	539.29			
9/15/99 17:30	1017.75	30.05	0.739	119.16	246.49	541.11			
9/15/99 17:45	1017.75	30.05	0.742	119.68	247.43	542.64			
9/15/99 18:00	1017.75	30.05	0.739	119.42	246.96	541.29	541.63		
9/15/99 18:15	1017.75	30.05	0.737	119.16	246.49	540.45			
9/15/99 18:30	1017.75	30.05	0.743	119.42	246.96	542.68			
9/15/99 18:45	1017.75	30.05	0.738	118.38	245.08	540.13			
9/15/99 19:00	1017.75	30.05	0.739	117.59	243.67	540.03	540.73		
9/15/99 19:15	1017.75	30.05	0.741	118.38	245.08	541.48			
9/15/99 19:30	1017.88	30.06	0.737	117.59	243.67	539.34			
9/15/99 19:45	1017.88	30.06	0.739	117.33	243.20	539.81			
9/15/99 20:00	1018.00	30.06	0.739	117.33	243.20	539.78	539.59		
9/15/99 20:15	1018.00	30.06	0.738	116.81	242.26	539.20			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/15/99 20:30	1018.13	30.07	0.739	117.07	242.73	539.82			
9/15/99 20:45	1018.13	30.07	0.740	117.59	243.87	540.40			
9/15/99 21:00	1018.38	30.07	0.739	117.07	242.73	539.76	540.09		
9/15/99 21:15	1018.25	30.07	0.740	117.07	242.73	540.01			
9/15/99 21:30	1018.25	30.07	0.741	117.07	242.73	540.45			
9/15/99 21:45	1018.38	30.07	0.740	116.55	241.79	539.61			
9/15/99 22:00	1018.38	30.07	0.738	116.55	241.79	538.70	539.18		
9/15/99 22:15	1018.25	30.07	0.738	116.29	241.32	538.55			
9/15/99 22:30	1018.25	30.07	0.738	116.02	240.84	538.59			
9/15/99 22:45	1018.25	30.07	0.739	115.76	240.37	538.88			
9/15/99 23:00	1018.25	30.07	0.742	116.02	240.84	539.98	539.07		
9/15/99 23:15	1018.25	30.07	0.742	115.24	239.43	539.43			
9/15/99 23:30	1018.25	30.07	0.739	115.50	239.90	538.45			
9/15/99 23:45	1018.25	30.07	0.738	114.98	238.96	537.87			
9/16/99 0:00	1018.25	30.07	0.738	114.96	238.96	537.18	537.90		
9/16/99 0:15	1018.00	30.06	0.738	115.24	239.43	537.90			
9/16/99 0:30	1018.13	30.07	0.739	114.98	238.96	538.12			
9/16/99 0:45	1018.13	30.07	0.738	114.98	238.96	538.99			
9/16/99 1:00	1018.13	30.07	0.738	114.72	238.49	537.72	537.43		
9/16/99 1:15	1018.25	30.07	0.737	114.72	238.49	537.25			
9/16/99 1:30	1018.25	30.07	0.737	114.46	238.02	537.07			
9/16/99 1:45	1018.25	30.07	0.738	113.67	236.61	536.74			
9/16/99 2:00	1016.25	30.07	0.732	112.37	234.26	533.60	535.09		
9/16/99 2:15	1018.25	30.07	0.734	112.37	234.26	534.46			
9/16/99 2:30	1018.00	30.06	0.733	111.32	232.38	533.38			
9/16/99 2:45	1018.00	30.06	0.733	111.32	232.38	533.58			
9/16/99 3:00	1018.00	30.06	0.731	110.80	231.44	532.52	532.70		
9/16/99 3:15	1018.00	30.06	0.730	110.02	230.03	531.54			
9/16/99 3:30	1017.88	30.06	0.733	110.02	230.03	532.49			
9/16/99 3:45	1017.75	30.05	0.736	110.80	231.44	534.41			
9/16/99 4:00	1017.75	30.05	0.735	111.06	231.91	534.15	533.91		
9/16/99 4:15	1017.75	30.05	0.733	111.06	231.91	533.24			
9/16/99 4:30	1017.75	30.05	0.738	111.06	231.91	535.28			
9/16/99 4:45	1017.75	30.05	0.733	111.32	232.38	533.43			
9/16/99 5:00	1017.75	30.05	0.734	111.32	232.38	533.86	534.21		
9/16/99 5:15	1017.63	30.05	0.734	111.32	232.38	534.15			
9/16/99 5:30	1017.75	30.05	0.735	111.32	232.38	534.33			
9/16/99 5:45	1017.86	30.06	0.732	110.80	231.44	532.81			
9/16/99 6:00	1017.88	30.06	0.734	110.54	230.97	533.28	533.55		
9/16/99 6:15	1018.00	30.06	0.734	110.80	231.44	533.43			
9/16/99 6:30	1018.13	30.07	0.735	110.80	231.44	533.87			
9/16/99 6:45	1018.25	30.07	0.734	110.54	230.97	533.19			
9/16/99 7:00	1016.38	30.07	0.731	110.54	230.97	532.24	533.04		
9/16/99 7:15	1018.50	30.08	0.735	110.28	230.50	533.41			
9/16/99 7:30	1018.63	30.08	0.733	110.02	230.03	532.51			
9/16/99 7:45	1018.75	30.08	0.732	109.75	229.56	531.88			
9/16/99 8:00	1018.75	30.08	0.731	109.49	229.09	531.42	532.29		
9/16/99 8:15	1018.75	30.08	0.733	109.49	229.09	532.11			
9/16/99 8:30	1018.88	30.09	0.736	110.02	230.03	533.57			
9/16/99 8:45	1018.88	30.09	0.735	109.75	229.56	532.95			
9/16/99 9:00	1019.00	30.09	0.734	110.02	230.03	532.63	532.69		
9/16/99 9:15	1019.13	30.09	0.732	109.75	229.56	531.76			
9/16/99 9:30	1019.25	30.10	0.734	110.02	230.03	532.56			
9/16/99 9:45	1019.38	30.10	0.733	108.97	226.15	531.37			
9/16/99 10:00	1019.38	30.10	0.731	109.49	229.09	531.26	531.58		
9/16/99 10:15	1019.38	30.10	0.731	109.23	228.62	530.86			
9/16/99 10:30	1019.38	30.10	0.733	109.23	228.62	531.77			
9/16/99 10:45	1019.50	30.11	0.729	108.71	227.68	529.77			
9/16/99 11:00	1019.50	30.11	0.729	109.23	228.62	530.39	530.35		
9/16/99 11:15	1019.50	30.11	0.729	108.71	227.68	530.03			
9/16/99 11:30	1019.38	30.10	0.729	108.71	227.68	529.81			
9/16/99 11:45	1019.25	30.10	0.731	110.28	230.50	531.62			
9/16/99 12:00	1019.38	30.10	0.729	109.49	229.09	530.60	530.30		
9/16/99 12:15	1019.25	30.10	0.728	108.71	227.68	529.62			
9/16/99 12:30	1019.13	30.09	0.729	108.71	227.68	529.87			
9/16/99 12:45	1019.13	30.09	0.761	107.66	225.79	540.82			
9/16/99 13:00	1019.00	30.09	0.722	109.49	229.09	527.97	531.63		
9/16/99 13:15	1018.88	30.09	0.722	110.28	230.50	528.54			
9/16/99 13:30	1018.88	30.09	0.728	110.80	231.44	530.95			
9/16/99 13:45	1018.88	30.09	0.728	110.54	230.97	530.98			
9/16/99 14:00	1018.75	30.08	0.724	110.02	230.03	529.31	529.90		
9/16/99 14:15	1018.75	30.08	0.724	110.54	230.97	529.67			
9/16/99 14:30	1018.88	30.09	0.725	108.71	227.68	528.59			
9/16/99 14:45	1018.75	30.08	0.724	109.49	229.09	528.69			
9/16/99 15:00	1018.75	30.08	0.728	110.60	231.44	531.20	533.06		
9/16/99 15:15	1018.50	30.08	0.734	116.02	240.84	537.17			
9/16/99 15:30	1018.50	30.08	0.736	118.64	245.55	539.63			
9/16/99 15:45	1018.50	30.08	0.738	119.94	247.90	541.23			
9/16/99 16:00	1018.50	30.08	0.741	120.47	248.84	542.72	541.94		
9/16/99 16:15	1018.63	30.08	0.741	120.99	249.78	543.05			
9/16/99 16:30	1018.63	30.08	0.741	120.99	249.78	543.05			
9/16/99 16:45	1018.75	30.08	0.739	121.51	250.72	542.72			
9/16/99 17:00	1018.75	30.08	0.739	121.25	250.25	542.54	542.38		
9/16/99 17:15	1018.75	30.08	0.737	121.25	250.25	541.62			
9/16/99 17:30	1018.88	30.09	0.738	121.51	250.72	541.99			
9/16/99 17:45	1019.13	30.09	0.738	121.77	251.19	541.62			
9/16/99 18:00	1019.13	30.09	0.733	121.77	251.19	540.26	540.64		
9/16/99 18:15	1019.13	30.09	0.732	121.25	250.25	539.68			
9/16/99 18:30	1019.13	30.09	0.735	120.99	249.78	540.64			
9/16/99 18:45	1019.25	30.10	0.737	120.99	249.78	541.31			
9/16/99 19:00	1019.38	30.10	0.735	120.99	249.78	540.58	540.79		
9/16/99 19:15	1019.50	30.11	0.738	120.73	249.31	540.81			
9/16/99 19:30	1019.50	30.11	0.738	120.47	248.84	540.63			
9/16/99 19:45	1019.50	30.11	0.734	119.94	247.90	539.61			
9/16/99 20:00	1019.50	30.11	0.738	119.42	246.96	539.91	539.31		
9/16/99 20:15	1019.63	30.11	0.734	118.90	246.02	538.60			
9/16/99 20:30	1019.63	30.11	0.733	116.36	245.08	537.60			
9/16/99 20:45	1019.88	30.12	0.731	117.85	244.14	536.66			
9/16/99 21:00	1020.00	30.12	0.732	117.59	243.67	538.94	537.02		
9/16/99 21:15	1020.13	30.12	0.733	117.33	243.20	536.95			
9/16/99 21:30	1020.25	30.13	0.733	117.07	242.73	536.74			
9/16/99 21:45	1020.25	30.13	0.731	116.81	242.26	536.08			
9/16/99 22:00	1020.38	30.13	0.733	116.55	241.79	536.56	536.22		
9/16/99 22:15	1020.50	30.14	0.731	116.55	241.79	535.64			
9/16/99 22:30	1020.63	30.14	0.732	116.29	241.32	535.66			
9/16/99 22:45	1020.88	30.15	0.734	116.29	241.32	536.73			
9/16/99 23:00	1020.88	30.15	0.733	116.02	240.84	535.85	535.93		
9/16/99 23:15	1021.00	30.15	0.734	116.02	240.84	536.52			
9/16/99 23:30	1021.13	30.15	0.729	116.02	240.84	534.65			
9/16/99 23:45	1021.25	30.16	0.734	115.78	240.37	536.27			
9/17/99 0:00	1021.25	30.16	0.734	115.76	240.37	536.27	535.55		
9/17/99 0:15	1021.38	30.16	0.731	115.50	239.90	534.67			
9/17/99 0:30	1021.38	30.16	0.734	115.24	239.43	535.88			
9/17/99 0:45	1021.38	30.16	0.732	115.24	239.43	534.96			
9/17/99 1:00	1021.38	30.16	0.734	115.24	239.43	535.62	535.40		
9/17/99 1:15	1021.50	30.16	0.736	115.24	239.43	536.28			
9/17/99 1:30	1021.63	30.17	0.731	114.98	238.96	534.24			
9/17/99 1:45	1021.75	30.17	0.734	114.72	238.49	535.16			
9/17/99 2:00	1021.75	30.17	0.733	114.72	238.49	534.94	534.75		

301TELOG99.XLS

Date Time	Bar Press milibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/17/99 2:15	1021.75	30.17	0.731	114.72	238.49	534.25			
9/17/99 2:30	1021.88	30.18	0.734	114.72	238.49	535.13			
9/17/99 2:45	1021.88	30.18	0.732	114.72	238.49	534.47			
9/17/99 3:00	1022.00	30.18	0.734	114.46	238.02	535.17	535.10		
9/17/99 3:15	1022.00	30.18	0.736	114.46	238.02	535.83			
9/17/99 3:30	1022.13	30.18	0.734	114.46	238.02	534.88			
9/17/99 3:45	1022.25	30.19	0.731	113.93	237.08	533.58			
9/17/99 4:00	1022.25	30.19	0.735	114.20	237.55	535.15	534.36		
9/17/99 4:15	1022.25	30.19	0.733	114.46	238.02	534.63			
9/17/99 4:30	1022.38	30.19	0.731	113.93	237.08	533.55			
9/17/99 4:45	1022.50	30.19	0.737	113.93	237.08	535.59			
9/17/99 5:00	1022.63	30.20	0.734	113.93	237.08	534.65	534.40		
9/17/99 5:15	1022.75	30.20	0.734	113.93	237.08	534.36			
9/17/99 5:30	1023.00	30.21	0.733	113.93	237.08	533.86			
9/17/99 5:45	1023.13	30.21	0.736	113.67	236.61	534.77			
9/17/99 6:00	1023.38	30.22	0.731	113.67	236.61	533.11	534.02		
9/17/99 6:15	1023.50	30.22	0.734	113.41	236.14	534.06			
9/17/99 6:30	1023.50	30.22	0.735	113.41	236.14	534.28			
9/17/99 6:45	1023.63	30.23	0.733	113.67	236.61	533.73			
9/17/99 7:00	1023.75	30.23	0.734	113.67	236.61	533.92	534.07		
9/17/99 7:15	1023.88	30.23	0.734	113.67	236.61	534.14			
9/17/99 7:30	1024.13	30.24	0.735	113.67	236.61	534.29			
9/17/99 7:45	1024.38	30.25	0.735	113.67	236.61	534.23			
9/17/99 8:00	1024.63	30.26	0.736	113.67	236.61	534.60	534.48		
9/17/99 8:15	1024.75	30.26	0.735	113.93	237.08	534.31			
9/17/99 8:30	1024.88	30.26	0.736	114.46	236.02	534.88			
9/17/99 8:45	1025.00	30.27	0.736	114.98	238.96	535.40			
9/17/99 9:00	1025.13	30.27	0.739	115.24	239.43	536.71	536.02		
9/17/99 9:15	1025.13	30.27	0.738	115.78	240.37	536.60			
9/17/99 9:30	1025.25	30.28	0.736	116.02	240.84	536.53			
9/17/99 9:45	1025.38	30.28	0.738	116.55	241.79	537.08			
9/17/99 10:00	1025.50	30.28	0.739	117.07	242.73	537.88	537.51		
9/17/99 10:15	1025.63	30.29	0.738	117.59	243.87	537.73			
9/17/99 10:30	1025.63	30.29	0.739	118.12	244.61	538.31			
9/17/99 10:45	1025.75	30.29	0.741	118.64	245.55	539.55			
9/17/99 11:00	1025.75	30.29	0.741	119.16	246.49	539.89	539.37		
9/17/99 11:15	1025.63	30.29	0.738	119.42	246.96	538.99			
9/17/99 11:30	1025.50	30.28	0.741	119.68	247.43	540.33			
9/17/99 11:45	1025.38	30.28	0.739	119.68	247.43	539.71			
9/17/99 12:00	1025.25	30.28	0.741	120.21	248.37	540.76	540.56		
9/17/99 12:15	1025.00	30.27	0.741	120.47	248.84	541.00			
9/17/99 12:30	1024.75	30.26	0.741	120.73	249.31	541.03			
9/17/99 12:45	1024.63	30.26	0.740	120.99	249.78	541.02			
9/17/99 13:00	1024.50	30.25	0.741	121.51	250.72	541.85	541.61		
9/17/99 13:15	1024.25	30.25	0.741	121.51	250.72	541.92			
9/17/99 13:30	1024.00	30.24	0.742	121.51	250.72	542.24			
9/17/99 13:45	1023.88	30.23	0.740	122.03	251.66	541.94			
9/17/99 14:00	1023.63	30.23	0.743	122.30	252.13	543.10	542.65		
9/17/99 14:15	1023.50	30.22	0.741	122.56	252.60	542.83			
9/17/99 14:30	1023.25	30.22	0.742	122.56	252.60	543.18			
9/17/99 14:45	1023.13	30.21	0.743	122.82	253.07	543.81			
9/17/99 15:00	1022.88	30.21	0.741	123.08	253.54	543.36	543.55		
9/17/99 15:15	1022.75	30.20	0.741	123.34	254.01	543.57			
9/17/99 15:30	1022.63	30.20	0.742	123.34	254.01	543.88			
9/17/99 15:45	1022.50	30.19	0.741	123.34	254.01	543.64			
9/17/99 16:00	1022.25	30.19	0.742	123.60	254.48	544.14	543.96		
9/17/99 16:15	1022.13	30.18	0.741	123.60	254.48	543.91			
9/17/99 16:30	1021.88	30.18	0.742	123.60	254.48	544.24			
9/17/99 16:45	1021.88	30.18	0.741	123.60	254.48	543.98			
9/17/99 17:00	1021.63	30.17	0.739	123.60	254.48	543.39	543.68		
9/17/99 17:15	1021.50	30.16	0.739	123.34	254.01	543.24			
9/17/99 17:30	1021.38	30.16	0.741	123.08	253.54	543.54			
9/17/99 17:45	1021.38	30.16	0.738	123.08	253.54	542.62			
9/17/99 18:00	1021.38	30.16	0.739	123.08	253.54	542.84	543.08		
9/17/99 18:15	1021.50	30.16	0.740	122.82	253.07	543.10			
9/17/99 18:30	1021.50	30.18	0.741	122.82	253.07	543.32			
9/17/99 18:45	1021.38	30.16	0.741	122.56	252.60	543.18			
9/17/99 19:00	1021.38	30.16	0.737	122.56	252.60	541.82	542.58		
9/17/99 19:15	1021.38	30.16	0.739	122.30	252.13	542.30			
9/17/99 19:30	1021.25	30.18	0.740	121.51	250.72	542.27			
9/17/99 19:45	1021.25	30.16	0.738	120.47	248.84	540.66			
9/17/99 20:00	1021.38	30.16	0.736	119.94	247.90	539.77	540.11		
9/17/99 20:15	1021.50	30.18	0.738	119.42	246.96	539.36			
9/17/99 20:30	1021.50	30.16	0.734	119.16	246.49	538.28			
9/17/99 20:45	1021.63	30.17	0.735	118.64	245.55	538.37			
9/17/99 21:00	1021.75	30.17	0.733	118.12	244.61	537.28	537.86		
9/17/99 21:15	1021.88	30.18	0.735	117.85	244.14	537.76			
9/17/99 21:30	1021.88	30.18	0.735	117.59	243.87	537.58			
9/17/99 21:45	1021.75	30.17	0.736	117.33	243.20	537.66			
9/17/99 22:00	1021.88	30.18	0.733	117.33	243.20	536.71	537.37		
9/17/99 22:15	1021.88	30.18	0.737	117.07	242.73	537.92			
9/17/99 22:30	1022.00	30.18	0.734	117.07	242.73	536.97			
9/17/99 22:45	1022.00	30.18	0.733	116.81	242.28	536.10			
9/17/99 23:00	1022.00	30.18	0.734	116.55	241.79	536.81	536.43		
9/17/99 23:15	1022.13	30.18	0.734	116.55	241.79	536.58			
9/17/99 23:30	1022.13	30.18	0.733	116.55	241.79	535.89			
9/17/99 23:45	1022.25	30.19	0.734	116.29	241.32	536.11			
9/18/99 0:00	1022.25	30.19	0.734	116.02	240.84	535.93	535.86		
9/18/99 0:15	1022.25	30.19	0.733	116.29	241.32	535.67			
9/18/99 0:30	1022.25	30.19	0.733	116.29	241.32	535.87			
9/18/99 0:45	1022.25	30.19	0.731	116.02	240.84	535.02			
9/18/99 1:00	1022.25	30.19	0.732	116.02	240.84	535.27	535.45		
9/18/99 1:15	1022.13	30.18	0.733	116.02	240.84	535.53			
9/18/99 1:30	1022.13	30.18	0.733	116.02	240.84	535.75			
9/18/99 1:45	1022.13	30.18	0.731	116.02	240.84	534.83			
9/18/99 2:00	1022.00	30.18	0.734	115.78	240.37	535.82	535.25		
9/18/99 2:15	1021.88	30.18	0.731	115.78	240.37	534.94			
9/18/99 2:30	1021.88	30.18	0.731	115.78	240.37	534.94			
9/18/99 2:45	1021.75	30.17	0.732	115.24	239.43	534.87			
9/18/99 3:00	1021.75	30.17	0.734	115.50	239.90	535.70	535.16		
9/18/99 3:15	1021.75	30.17	0.732	115.50	239.90	535.05			
9/18/99 3:30	1021.75	30.17	0.732	115.78	240.37	535.23			
9/18/99 3:45	1021.75	30.17	0.732	115.78	240.37	535.23			
9/18/99 4:00	1021.75	30.17	0.731	115.78	240.37	534.97	534.98		
9/18/99 4:15	1021.63	30.17	0.730	115.24	239.43	534.20			
9/18/99 4:30	1021.50	30.18	0.733	115.24	239.43	535.15			
9/18/99 4:45	1021.63	30.17	0.731	115.24	239.43	534.84			
9/18/99 5:00	1021.75	30.17	0.732	115.24	239.43	534.87	534.46		
9/18/99 5:15	1021.88	30.18	0.729	115.24	239.43	533.92			
9/18/99 5:30	1021.88	30.18	0.729	114.98	238.96	533.74			
9/18/99 5:45	1021.88	30.18	0.730	114.98	238.96	533.96			
9/18/99 6:00	1022.00	30.18	0.729	114.98	238.96	533.71	533.68		
9/18/99 6:15	1022.00	30.18	0.728	114.98	238.96	533.01			
9/18/99 6:30	1022.00	30.18	0.731	114.72	238.49	533.97			
9/18/99 6:45	1022.13	30.18	0.729	114.72	238.49	533.49			
9/18/99 7:00	1022.13	30.18	0.734	114.72	238.49	535.32	533.94		
9/18/99 7:15	1022.25	30.19	0.729	114.72	238.49	533.46			
9/18/99 7:30	1022.25	30.19	0.729	114.72	238.49	533.46			
9/18/99 7:45	1022.38	30.19	0.728	114.72	238.49	532.95			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/18/99 8:00	1022.38	30.19	0.729	114.72	238.49	533.43	533.66		
9/18/99 8:15	1022.38	30.19	0.730	114.98	238.96	533.83			
9/18/99 8:30	1022.25	30.19	0.731	115.76	240.37	534.62			
9/18/99 8:45	1022.25	30.19	0.732	116.02	240.84	535.27			
9/18/99 9:00	1022.13	30.18	0.731	116.55	241.79	535.41	535.49		
9/18/99 9:15	1022.13	30.18	0.730	117.07	242.73	535.33			
9/18/99 9:30	1022.13	30.18	0.733	117.59	243.67	536.62			
9/18/99 9:45	1022.13	30.18	0.733	117.85	244.14	537.00			
9/18/99 10:00	1022.00	30.18	0.730	118.38	245.08	536.26	537.14		
9/18/99 10:15	1022.00	30.18	0.732	119.16	246.49	537.49			
9/18/99 10:30	1021.88	30.18	0.733	119.42	246.96	538.14			
9/18/99 10:45	1021.75	30.17	0.731	119.94	247.90	537.84			
9/18/99 11:00	1021.75	30.17	0.734	120.73	249.31	539.55	538.85		
9/18/99 11:15	1021.63	30.17	0.735	120.99	249.78	539.98			
9/18/99 11:30	1021.50	30.16	0.731	121.51	250.72	538.75			
9/18/99 11:45	1021.38	30.16	0.734	122.03	251.66	540.54			
9/18/99 12:00	1021.13	30.15	0.734	122.03	251.66	540.35	540.22		
9/18/99 12:15	1021.13	30.15	0.734	122.56	252.60	540.71			
9/18/99 12:30	1020.88	30.15	0.733	122.82	253.07	540.73			
9/18/99 12:45	1020.63	30.14	0.732	122.82	253.07	540.35			
9/18/99 13:00	1020.50	30.14	0.733	123.08	253.54	541.01	540.81		
9/18/99 13:15	1020.25	30.13	0.733	123.08	253.54	540.85			
9/18/99 13:30	1020.00	30.12	0.733	123.34	254.01	541.10			
9/18/99 13:45	1019.75	30.11	0.733	123.60	254.48	541.34			
9/18/99 14:00	1019.50	30.11	0.733	123.60	254.48	541.63	541.59		
9/18/99 14:15	1019.25	30.10	0.732	124.39	255.90	541.79			
9/18/99 14:30	1019.00	30.09	0.733	124.39	255.90	542.08			
9/18/99 14:45	1018.75	30.08	0.732	124.39	255.90	541.92			
9/18/99 15:00	1018.50	30.08	0.734	124.65	256.37	542.83	542.49		
9/18/99 15:15	1018.25	30.07	0.734	124.65	256.37	543.16			
9/18/99 15:30	1018.13	30.07	0.733	124.65	256.37	542.49			
9/18/99 15:45	1018.00	30.06	0.732	124.85	256.37	542.30			
9/18/99 16:00	1017.75	30.05	0.733	124.85	256.37	542.59	542.53		
9/18/99 16:15	1017.63	30.05	0.732	124.39	255.90	542.22			
9/18/99 16:30	1017.50	30.05	0.733	124.91	256.84	543.05			
9/18/99 16:45	1017.38	30.04	0.733	124.91	256.84	542.86			
9/18/99 17:00	1017.38	30.04	0.733	124.65	256.37	542.91	542.58		
9/18/99 17:15	1017.38	30.04	0.731	124.39	255.90	542.03			
9/18/99 17:30	1017.25	30.04	0.731	124.39	255.90	542.06			
9/18/99 17:45	1017.38	30.04	0.731	124.39	255.90	542.03			
9/18/99 18:00	1017.25	30.04	0.732	123.86	254.95	541.96	541.72		
9/18/99 18:15	1017.38	30.04	0.731	123.60	254.48	541.49			
9/18/99 18:30	1017.38	30.04	0.730	123.60	254.48	541.05			
9/18/99 18:45	1017.38	30.04	0.729	123.34	254.01	540.39			
9/18/99 19:00	1017.38	30.04	0.731	123.08	253.54	541.14	540.69		
9/18/99 19:15	1017.38	30.04	0.729	122.82	253.07	540.03			
9/18/99 19:30	1017.38	30.04	0.732	122.30	252.13	540.88			
9/18/99 19:45	1017.25	30.04	0.728	121.51	250.72	538.95			
9/18/99 20:00	1017.38	30.04	0.727	120.99	249.78	538.12	538.47		
9/18/99 20:15	1017.38	30.04	0.727	120.47	248.84	537.76			
9/18/99 20:30	1017.50	30.05	0.725	119.94	247.90	536.87			
9/18/99 20:45	1017.63	30.05	0.724	119.68	247.43	536.23			
9/18/99 21:00	1017.75	30.05	0.727	119.42	246.96	536.95	536.63		
9/18/99 21:15	1017.88	30.06	0.727	119.18	246.49	536.74			
9/18/99 21:30	1017.88	30.06	0.727	118.90	246.02	536.56			
9/18/99 21:45	1017.88	30.06	0.725	118.38	245.08	535.50			
9/18/99 22:00	1018.00	30.06	0.728	118.38	245.08	536.61	537.02		
9/18/99 22:15	1017.88	30.06	0.735	118.12	244.61	539.00			
9/18/99 22:30	1017.88	30.06	0.731	117.85	244.14	537.42			
9/18/99 22:45	1017.88	30.06	0.734	117.85	244.14	538.34			
9/18/99 23:00	1018.00	30.06	0.734	117.85	244.14	538.31	538.06		
9/18/99 23:15	1018.00	30.06	0.734	117.59	243.67	538.13			
9/18/99 23:30	1018.13	30.07	0.734	117.59	243.67	538.10			
9/18/99 23:45	1018.25	30.07	0.735	117.33	243.20	538.36			
9/19/99 0:00	1018.00	30.06	0.733	117.33	243.20	537.73	537.70		
9/19/99 0:15	1017.88	30.06	0.731	117.07	242.73	536.89			
9/19/99 0:30	1017.88	30.06	0.733	116.81	242.26	537.40			
9/19/99 0:45	1017.75	30.05	0.733	116.81	242.26	537.22			
9/19/99 1:00	1017.63	30.05	0.733	116.55	241.79	537.29	537.26		
9/19/99 1:15	1017.75	30.05	0.733	116.55	241.79	537.04			
9/19/99 1:30	1017.75	30.05	0.734	116.55	241.79	537.48			
9/19/99 1:45	1017.75	30.05	0.732	116.55	241.79	536.62			
9/19/99 2:00	1017.75	30.05	0.732	116.55	241.79	536.82	536.70		
9/19/99 2:15	1017.75	30.05	0.732	116.29	241.32	536.64			
9/19/99 2:30	1017.63	30.05	0.729	116.29	241.32	535.75			
9/19/99 2:45	1017.63	30.05	0.731	116.29	241.32	536.41			
9/19/99 3:00	1017.63	30.05	0.732	116.29	241.32	536.67	536.54		
9/19/99 3:15	1017.63	30.05	0.731	116.29	241.32	536.41			
9/19/99 3:30	1017.50	30.05	0.734	116.02	240.84	537.44			
9/19/99 3:45	1017.63	30.05	0.731	116.02	240.84	536.01			
9/19/99 4:00	1017.63	30.05	0.732	116.02	240.84	536.49	536.82		
9/19/99 4:15	1017.63	30.05	0.733	116.02	240.84	536.93			
9/19/99 4:30	1017.63	30.05	0.731	116.02	240.84	536.23			
9/19/99 4:45	1017.63	30.05	0.733	116.02	240.84	536.71			
9/19/99 5:00	1017.63	30.05	0.731	116.02	240.84	536.01	536.06		
9/19/99 5:15	1017.63	30.05	0.729	116.02	240.84	535.57			
9/19/99 5:30	1017.75	30.05	0.730	116.02	240.84	535.76			
9/19/99 5:45	1017.75	30.05	0.728	115.76	240.37	534.88			
9/19/99 6:00	1017.75	30.05	0.728	116.02	240.84	535.06	535.86		
9/19/99 6:15	1017.75	30.05	0.731	116.02	240.84	536.20			
9/19/99 6:30	1017.75	30.05	0.734	116.02	240.84	537.37			
9/19/99 6:45	1017.75	30.05	0.729	115.76	240.37	535.10			
9/19/99 7:00	1017.88	30.06	0.731	115.76	240.37	535.99	536.11		
9/19/99 7:15	1018.00	30.06	0.732	115.76	240.37	536.21			
9/19/99 7:30	1018.25	30.07	0.731	115.76	240.37	535.89			
9/19/99 7:45	1018.38	30.07	0.729	115.76	240.37	535.20			
9/19/99 8:00	1018.63	30.08	0.732	116.02	240.84	536.23	536.17		
9/19/99 8:15	1018.75	30.08	0.733	116.29	241.32	536.81			
9/19/99 8:30	1018.88	30.09	0.733	116.55	241.79	536.74			
9/19/99 8:45	1018.88	30.09	0.734	116.81	242.26	537.38			
9/19/99 9:00	1019.00	30.09	0.735	117.33	243.20	538.16	537.33		
9/19/99 9:15	1019.00	30.09	0.731	117.33	243.20	536.77			
9/19/99 9:30	1019.00	30.09	0.733	117.85	244.14	537.61			
9/19/99 9:45	1018.88	30.09	0.732	118.38	245.08	537.78			
9/19/99 10:00	1019.00	30.09	0.734	119.16	246.49	538.94	539.00		
9/19/99 10:15	1018.88	30.09	0.736	119.68	247.43	540.25			
9/19/99 10:30	1018.75	30.08	0.736	120.21	248.37	540.42			
9/19/99 10:45	1016.63	30.08	0.736	120.99	249.78	541.69			
9/19/99 11:00	1018.50	30.08	0.737	121.51	250.72	541.87	541.97		
9/19/99 11:15	1018.38	30.07	0.738	122.03	251.66	542.70			
9/19/99 11:30	1018.00	30.06	0.738	122.56	252.60	543.16			
9/19/99 11:45	1017.88	30.06	0.736	123.08	253.54	542.63			
9/19/99 12:00	1017.75	30.05	0.736	123.60	254.48	543.24	543.70		
9/19/99 12:15	1017.50	30.05	0.738	123.86	254.95	544.19			
9/19/99 12:30	1017.38	30.04	0.740	124.39	255.90	545.28			
9/19/99 12:45	1017.13	30.04	0.740	124.65	256.37	545.52			
9/19/99 13:00	1017.00	30.03	0.739	124.91	256.84	545.52	545.32		
9/19/99 13:15	1016.75	30.02	0.738	125.17	257.31	545.28			
9/19/99 13:30	1016.75	30.02	0.737	125.43	257.78	545.02			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/19/99 13:45	1016.63	30.02	0.739	125.43	257.78	545.72			
9/19/99 14:00	1016.50	30.02	0.738	125.95	258.72	545.66	545.76		
9/19/99 14:15	1016.13	30.01	0.739	125.95	258.72	546.21			
9/19/99 14:30	1016.00	30.00	0.738	126.22	259.19	546.20			
9/19/99 14:45	1015.75	30.00	0.739	126.48	259.66	546.67			
9/19/99 15:00	1015.50	29.99	0.738	126.74	260.13	545.99	546.54		
9/19/99 15:15	1015.38	29.98	0.738	127.00	260.60	546.90			
9/19/99 15:30	1015.25	29.98	0.738	127.00	260.60	546.94			
9/19/99 15:45	1015.13	29.98	0.739	127.00	260.60	547.19			
9/19/99 16:00	1015.00	29.97	0.739	127.26	261.07	547.66	547.35		
9/19/99 16:15	1014.88	29.97	0.739	127.26	261.07	547.70			
9/19/99 16:30	1014.88	29.97	0.739	127.00	260.60	547.26			
9/19/99 16:45	1014.75	29.97	0.740	127.00	260.60	547.77			
9/19/99 17:00	1014.75	29.97	0.739	127.00	260.60	547.55	547.22		
9/19/99 17:15	1014.75	29.97	0.738	127.00	260.60	547.07			
9/19/99 17:30	1014.75	29.97	0.737	126.74	260.13	546.45			
9/19/99 17:45	1014.63	29.96	0.739	126.22	259.19	546.79			
9/19/99 18:00	1014.63	29.96	0.738	125.95	258.72	545.69	546.17		
9/19/99 18:15	1014.50	29.96	0.738	125.43	257.78	545.84			
9/19/99 18:30	1014.38	29.95	0.738	125.43	257.78	546.10			
9/19/99 18:45	1014.38	29.95	0.734	125.17	257.31	544.55			
9/19/99 19:00	1014.25	29.95	0.738	124.91	256.84	544.85	544.76		
9/19/99 19:15	1014.13	29.95	0.737	124.39	255.90	545.01			
9/19/99 19:30	1014.13	29.95	0.734	123.60	254.48	543.29			
9/19/99 19:45	1014.00	29.94	0.733	123.08	253.54	542.52			
9/19/99 20:00	1014.00	29.94	0.734	122.30	252.13	542.68	542.17		
9/19/99 20:15	1014.00	29.94	0.731	121.77	251.19	541.14			
9/19/99 20:30	1014.13	29.95	0.733	121.25	250.25	541.23			
9/19/99 20:45	1014.13	29.95	0.731	120.99	249.78	540.57			
9/19/99 21:00	1014.25	29.95	0.733	120.73	249.31	540.84	540.11		
9/19/99 21:15	1014.38	29.95	0.729	120.21	248.37	539.30			
9/19/99 21:30	1014.38	29.95	0.728	120.21	248.37	538.60			
9/19/99 21:45	1014.38	29.95	0.731	120.21	248.37	539.75			
9/19/99 22:00	1014.38	29.95	0.731	120.21	248.37	539.97	539.66		
9/19/99 22:15	1014.38	29.95	0.731	120.21	248.37	539.75			
9/19/99 22:30	1014.38	29.95	0.732	120.21	248.37	540.23			
9/19/99 22:45	1014.50	29.96	0.731	120.21	248.37	539.71			
9/19/99 23:00	1014.50	29.96	0.731	120.21	248.37	539.93	539.73		
9/19/99 23:15	1014.63	29.96	0.729	120.21	248.37	538.98			
9/19/99 23:30	1014.75	29.97	0.730	120.73	249.31	539.78			
9/19/99 23:45	1014.75	29.97	0.729	120.73	249.31	539.30			
9/20/99 0:00	1014.75	29.97	0.731	120.47	248.84	540.05	539.95		
9/20/99 0:15	1014.88	29.97	0.733	120.47	248.84	540.49			
9/20/99 0:30	1014.75	29.97	0.732	120.21	248.37	540.13			
9/20/99 0:45	1014.63	29.96	0.731	120.21	248.37	539.90			
9/20/99 1:00	1014.75	29.97	0.731	120.47	248.84	539.82	540.03		
9/20/99 1:15	1014.75	29.97	0.733	120.47	248.84	540.53			
9/20/99 1:30	1014.75	29.97	0.730	120.73	249.31	539.78			
9/20/99 1:45	1015.00	29.97	0.729	120.73	249.31	539.49			
9/20/99 2:00	1015.13	29.98	0.731	120.73	249.31	540.13	540.00		
9/20/99 2:15	1015.13	29.98	0.732	120.99	249.78	540.56			
9/20/99 2:30	1015.13	29.98	0.730	121.25	250.25	540.04			
9/20/99 2:45	1015.00	29.97	0.731	121.51	250.72	540.70			
9/20/99 3:00	1014.88	29.97	0.731	121.51	250.72	540.73	540.39		
9/20/99 3:15	1014.63	29.96	0.729	121.51	250.72	540.13			
9/20/99 3:30	1014.63	29.96	0.730	121.51	250.72	540.35			
9/20/99 3:45	1014.50	29.96	0.733	121.51	250.72	541.53			
9/20/99 4:00	1014.50	29.96	0.730	120.99	249.78	540.03	540.50		
9/20/99 4:15	1014.38	29.95	0.730	120.99	249.78	540.06			
9/20/99 4:30	1014.25	29.95	0.731	120.99	249.78	540.54			
9/20/99 4:45	1014.13	29.95	0.729	120.47	248.84	539.55			
9/20/99 5:00	1014.00	29.94	0.729	120.47	248.84	539.58	539.93		
9/20/99 5:15	1014.00	29.94	0.731	120.73	249.31	540.20			
9/20/99 5:30	1013.88	29.94	0.729	120.73	249.31	539.79			
9/20/99 5:45	1014.00	29.94	0.728	120.73	249.31	539.28			
9/20/99 6:00	1014.00	29.94	0.728	120.21	248.37	538.92	539.23		
9/20/99 6:15	1014.00	29.94	0.728	120.47	248.84	539.10			
9/20/99 6:30	1014.25	29.95	0.729	120.21	248.37	539.08			
9/20/99 6:45	1014.38	29.95	0.728	120.21	248.37	538.82			
9/20/99 7:00	1014.50	29.96	0.729	120.21	248.37	539.01	538.88		
9/20/99 7:15	1014.75	29.97	0.728	120.21	248.37	538.72			
9/20/99 7:30	1014.75	29.97	0.729	119.94	247.90	538.76			
9/20/99 7:45	1014.88	29.97	0.729	120.21	248.37	539.17			
9/20/99 8:00	1015.25	29.98	0.729	120.21	248.37	538.81	539.15		
9/20/99 8:15	1015.38	29.98	0.731	120.21	248.37	539.70			
9/20/99 8:30	1015.38	29.98	0.731	119.94	247.90	539.30			
9/20/99 8:45	1015.50	29.99	0.730	120.21	248.37	539.22			
9/20/99 9:00	1015.38	29.98	0.761	118.64	245.55	549.35	540.89		
9/20/99 9:15	1015.38	29.98	0.727	120.21	248.37	538.11			
9/20/99 9:30	1015.63	29.99	0.728	120.21	248.37	538.49			
9/20/99 9:45	1015.75	30.00	0.727	120.21	248.37	538.01			
9/20/99 10:00	1015.75	30.00	0.727	120.21	248.37	538.01	538.38		
9/20/99 10:15	1015.88	30.00	0.728	120.47	248.84	538.60			
9/20/99 10:30	1015.88	30.00	0.728	120.73	249.31	538.78			
9/20/99 10:45	1015.75	30.00	0.730	120.73	249.31	539.52			
9/20/99 11:00	1015.75	30.00	0.727	120.73	249.31	538.37	538.95		
9/20/99 11:15	1015.75	30.00	0.729	120.73	249.31	539.29			
9/20/99 11:30	1015.63	29.99	0.726	120.99	249.78	538.80			
9/20/99 11:45	1015.63	29.99	0.727	120.99	249.78	538.58			
9/20/99 12:00	1015.50	29.99	0.732	120.99	249.78	540.46	539.64		
9/20/99 12:15	1015.50	29.99	0.731	121.25	250.25	540.16			
9/20/99 12:30	1015.38	29.98	0.731	121.25	250.25	540.20			
9/20/99 12:45	1015.25	29.98	0.729	121.77	251.19	539.88			
9/20/99 13:00	1015.25	29.98	0.729	121.77	251.19	540.14	540.29		
9/20/99 13:15	1015.13	29.98	0.731	121.77	251.19	540.62			
9/20/99 13:30	1015.00	29.97	0.730	122.03	251.66	540.61			
9/20/99 13:45	1014.88	29.97	0.731	122.03	251.66	540.86			
9/20/99 14:00	1014.75	29.97	0.731	122.03	251.66	540.90	540.97		
9/20/99 14:15	1014.75	29.97	0.731	122.03	251.66	540.90			
9/20/99 14:30	1014.63	29.96	0.732	122.30	252.13	541.59			
9/20/99 14:45	1014.75	29.97	0.732	121.77	251.19	541.20			
9/20/99 15:00	1014.88	29.97	0.731	121.51	250.72	540.51	540.77		
9/20/99 15:15	1015.00	29.97	0.730	120.99	249.78	539.89			
9/20/99 15:30	1015.00	29.97	0.733	120.73	249.31	540.64			
9/20/99 15:45	1015.00	29.97	0.731	120.47	248.84	539.78			
9/20/99 16:00	1015.00	29.97	0.733	120.21	248.37	540.50	539.79		
9/20/99 16:15	1014.88	29.97	0.730	120.21	248.37	539.39			
9/20/99 16:30	1014.88	29.97	0.728	120.47	248.84	538.85			
9/20/99 16:45	1014.88	29.97	0.731	120.73	249.31	539.97			
9/20/99 17:00	1015.13	29.98	0.733	120.73	249.31	540.83	539.96		
9/20/99 17:15	1015.38	29.98	0.730	120.73	249.31	539.62			
9/20/99 17:30	1015.38	29.98	0.733	120.73	249.31	540.76			
9/20/99 17:45	1015.25	29.98	0.731	120.73	249.31	539.87			
9/20/99 18:00	1015.38	29.98	0.731	120.47	248.84	539.88	539.75		
9/20/99 18:15	1015.38	29.98	0.730	120.21	248.37	539.26			
9/20/99 18:30	1015.63	29.99	0.729	120.21	248.37	538.97			
9/20/99 18:45	1015.75	30.00	0.733	120.21	248.37	540.08			
9/20/99 19:00	1015.88	30.00	0.731	120.21	248.37	539.57	539.55		
9/20/99 19:15	1015.88	30.00	0.731	120.21	248.37	539.35			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/20/99 19:30	1016.00	30.00	0.732	120.21	248.37	539.79			
9/20/99 19:45	1015.75	30.00	0.731	120.21	248.37	539.60			
9/20/99 20:00	1015.88	30.00	0.732	119.94	247.90	539.65	539.41		
9/20/99 20:15	1015.88	30.00	0.732	119.68	247.43	539.47			
9/20/99 20:30	1016.00	30.00	0.730	119.42	246.96	538.55			
9/20/99 20:45	1016.13	30.01	0.733	119.16	246.49	539.48			
9/20/99 21:00	1016.25	30.01	0.732	118.90	246.02	538.83	538.70		
9/20/99 21:15	1016.25	30.01	0.733	118.64	245.55	538.87			
9/20/99 21:30	1016.38	30.01	0.730	118.38	245.08	537.74			
9/20/99 21:45	1016.50	30.02	0.731	118.12	244.61	537.75			
9/20/99 22:00	1016.63	30.02	0.731	117.85	244.14	537.76	537.60		
9/20/99 22:15	1016.75	30.02	0.733	117.85	244.14	538.20			
9/20/99 22:30	1016.88	30.03	0.728	117.85	244.14	536.55			
9/20/99 22:45	1017.00	30.03	0.731	117.59	243.67	537.48			
9/20/99 23:00	1017.00	30.03	0.733	117.59	243.67	537.95	537.43		
9/20/99 23:15	1017.00	30.03	0.731	117.59	243.67	537.48			
9/20/99 23:30	1017.13	30.04	0.732	117.59	243.67	537.70			
9/20/99 23:45	1017.13	30.04	0.736	117.85	244.14	539.24			
9/21/99 0:00	1017.13	30.04	0.732	117.85	244.14	537.88	538.19		
9/21/99 0:15	1017.13	30.04	0.732	118.12	244.61	538.06			
9/21/99 0:30	1017.00	30.03	0.732	118.12	244.61	538.09			
9/21/99 0:45	1017.00	30.03	0.733	118.12	244.61	538.53			
9/21/99 1:00	1017.00	30.03	0.733	118.12	244.61	538.53	538.34		
9/21/99 1:15	1016.75	30.02	0.733	118.12	244.61	538.60			
9/21/99 1:30	1016.63	30.02	0.731	118.12	244.61	537.93			
9/21/99 1:45	1016.75	30.02	0.733	118.12	244.61	538.60			
9/21/99 2:00	1016.88	30.03	0.731	118.12	244.61	537.87	538.46		
9/21/99 2:15	1016.88	30.03	0.734	118.12	244.61	539.04			
9/21/99 2:30	1016.63	30.02	0.734	118.12	244.61	538.65			
9/21/99 2:45	1016.38	30.01	0.731	118.12	244.61	537.78			
9/21/99 3:00	1016.38	30.01	0.731	118.12	244.61	538.00	538.23		
9/21/99 3:15	1016.50	30.02	0.733	117.85	244.14	538.27			
9/21/99 3:30	1016.63	30.02	0.733	117.85	244.14	538.23			
9/21/99 3:45	1016.63	30.02	0.731	117.85	244.14	537.53			
9/21/99 4:00	1016.50	30.02	0.733	117.85	244.14	538.27	538.02		
9/21/99 4:15	1016.50	30.02	0.731	117.85	244.14	537.79			
9/21/99 4:30	1016.38	30.01	0.733	117.85	244.14	538.30			
9/21/99 4:45	1016.38	30.01	0.734	117.59	243.67	538.82			
9/21/99 5:00	1016.38	30.01	0.732	117.59	243.67	537.90	537.80		
9/21/99 5:15	1016.38	30.01	0.731	117.59	243.67	537.42			
9/21/99 5:30	1016.38	30.01	0.729	117.33	243.20	536.54			
9/21/99 5:45	1016.38	30.01	0.732	117.33	243.20	537.72			
9/21/99 6:00	1016.50	30.02	0.731	117.33	243.20	537.43	537.28		
9/21/99 6:15	1016.63	30.02	0.733	117.07	242.73	537.69			
9/21/99 6:30	1016.75	30.02	0.731	116.81	242.26	537.00			
9/21/99 6:45	1016.88	30.03	0.733	116.81	242.26	537.45			
9/21/99 7:00	1017.00	30.03	0.733	116.55	241.79	537.23	537.16		
9/21/99 7:15	1017.13	30.04	0.731	116.55	241.79	536.50			
9/21/99 7:30	1017.25	30.04	0.734	116.55	241.79	537.61			
9/21/99 7:45	1017.38	30.04	0.732	116.55	241.79	536.92			
9/21/99 8:00	1017.50	30.05	0.733	116.55	241.79	537.32	537.20		
9/21/99 8:15	1017.63	30.05	0.733	116.55	241.79	537.29			
9/21/99 8:30	1017.63	30.05	0.732	116.55	241.79	536.85			
9/21/99 8:45	1017.75	30.05	0.733	116.55	241.79	537.04			
9/21/99 9:00	1017.75	30.05	0.731	116.81	242.26	536.74	537.30		
9/21/99 9:15	1017.88	30.06	0.734	116.81	242.26	537.62			
9/21/99 9:30	1017.88	30.06	0.734	117.33	243.20	538.24			
9/21/99 9:45	1018.00	30.06	0.734	117.33	243.20	537.95			
9/21/99 10:00	1018.13	30.07	0.732	117.59	243.67	537.44	538.13		
9/21/99 10:15	1018.25	30.07	0.735	117.59	243.67	538.54			
9/21/99 10:30	1018.25	30.07	0.734	117.85	244.14	538.50			
9/21/99 10:45	1018.38	30.07	0.735	118.12	244.61	538.87			
9/21/99 11:00	1018.38	30.07	0.738	118.12	244.61	539.78	539.18		
9/21/99 11:15	1018.50	30.08	0.737	118.38	245.08	539.71			
9/21/99 11:30	1018.38	30.07	0.735	118.38	245.08	539.05			
9/21/99 11:45	1018.25	30.07	0.738	118.90	246.02	540.38			
9/21/99 12:00	1018.25	30.07	0.735	119.16	246.49	539.62	539.61		
9/21/99 12:15	1018.25	30.07	0.735	119.16	246.49	539.62			
9/21/99 12:30	1018.13	30.07	0.734	119.16	246.49	539.43			
9/21/99 12:45	1016.00	30.06	0.736	119.68	247.43	540.49			
9/21/99 13:00	1018.13	30.07	0.735	119.68	247.43	540.01	540.22		
9/21/99 13:15	1018.13	30.07	0.736	119.68	247.43	540.23			
9/21/99 13:30	1016.00	30.06	0.737	119.94	247.90	540.92			
9/21/99 13:45	1016.00	30.06	0.736	120.21	248.37	540.62			
9/21/99 14:00	1017.88	30.06	0.737	120.47	248.84	541.31	540.89		
9/21/99 14:15	1017.63	30.05	0.736	120.73	249.31	541.08			
9/21/99 14:30	1017.50	30.05	0.734	120.47	248.84	540.49			
9/21/99 14:45	1017.63	30.05	0.736	120.21	248.37	540.94			
9/21/99 15:00	1017.50	30.05	0.737	120.73	249.31	541.59	541.28		
9/21/99 15:15	1017.38	30.04	0.735	120.73	249.31	540.93			
9/21/99 15:30	1017.50	30.05	0.739	120.99	249.78	542.43			
9/21/99 15:45	1017.38	30.04	0.736	120.73	249.31	541.15			
9/21/99 16:00	1017.38	30.04	0.735	120.73	249.31	540.93	541.46		
9/21/99 16:15	1017.25	30.04	0.735	120.99	249.78	541.14			
9/21/99 16:30	1017.38	30.04	0.737	120.73	249.31	541.63			
9/21/99 16:45	1017.38	30.04	0.739	120.47	248.84	542.11			
9/21/99 17:00	1017.25	30.04	0.737	120.21	248.37	541.30	541.46		
9/21/99 17:15	1017.38	30.04	0.737	120.21	248.37	541.27			
9/21/99 17:30	1017.50	30.05	0.736	120.21	248.37	540.98			
9/21/99 17:45	1017.75	30.05	0.736	120.21	248.37	540.69			
9/21/99 18:00	1017.68	30.06	0.737	119.94	247.90	540.96	540.56		
9/21/99 18:15	1017.88	30.06	0.736	119.88	247.43	540.30			
9/21/99 18:30	1017.68	30.06	0.734	119.88	247.43	539.66			
9/21/99 18:45	1018.00	30.06	0.735	119.68	247.43	540.04			
9/21/99 19:00	1018.13	30.07	0.737	119.42	246.96	540.53	540.07		
9/21/99 19:15	1018.25	30.07	0.737	119.16	246.49	540.32			
9/21/99 19:30	1018.38	30.07	0.735	119.16	246.49	539.59			
9/21/99 19:45	1018.38	30.07	0.733	118.90	246.02	538.71			
9/21/99 20:00	1018.50	30.08	0.734	118.90	246.02	539.15	539.18		
9/21/99 20:15	1018.50	30.08	0.735	118.64	245.55	539.19			
9/21/99 20:30	1018.50	30.08	0.736	118.38	245.08	539.23			
9/21/99 20:45	1018.75	30.08	0.737	118.38	245.08	539.84			
9/21/99 21:00	1018.88	30.09	0.735	118.12	244.61	538.73	538.85		
9/21/99 21:15	1019.00	30.09	0.734	117.85	244.14	538.05			
9/21/99 21:30	1019.13	30.09	0.736	117.33	243.20	538.57			
9/21/99 21:45	1019.00	30.09	0.733	116.81	242.26	537.11			
9/21/99 22:00	1019.13	30.09	0.734	116.55	241.79	537.37	537.65		
9/21/99 22:15	1019.13	30.09	0.736	116.55	241.79	537.81			
9/21/99 22:30	1019.25	30.10	0.735	116.29	241.32	537.38			
9/21/99 22:45	1019.25	30.10	0.734	116.29	241.32	537.16			
9/21/99 23:00	1019.25	30.10	0.734	116.02	240.84	536.96	536.95		
9/21/99 23:15	1019.25	30.10	0.734	116.02	240.84	536.72			
9/21/99 23:30	1019.25	30.10	0.734	115.76	240.37	536.54			
9/21/99 23:45	1019.38	30.10	0.732	115.50	239.90	535.67			
9/22/99 0:00	1019.38	30.10	0.732	115.24	239.43	535.49	535.74		
9/22/99 0:15	1019.50	30.11	0.732	114.98	238.96	535.28			
9/22/99 0:30	1019.50	30.11	0.733	114.98	238.96	535.71			
9/22/99 0:45	1019.38	30.10	0.735	114.72	238.49	536.26			
9/22/99 1:00	1019.25	30.10	0.733	114.72	238.49	535.36	535.57		

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Date Time	Bar Press millbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/22/99 1:15	1019.25	30.10	0.734	114.46	238.02	535.89			
9/22/99 1:30	1019.13	30.09	0.731	114.20	237.55	534.58			
9/22/99 1:45	1019.13	30.09	0.732	114.20	237.55	534.83			
9/22/99 2:00	1019.00	30.09	0.736	113.93	237.08	536.04	534.97		
9/22/99 2:15	1018.88	30.09	0.731	113.93	237.08	534.24			
9/22/99 2:30	1018.88	30.09	0.733	113.93	237.08	535.16			
9/22/99 2:45	1018.88	30.09	0.734	113.67	236.61	535.20			
9/22/99 3:00	1018.75	30.08	0.730	113.67	236.61	533.88	534.82		
9/22/99 3:15	1018.75	30.08	0.734	113.41	236.14	535.05			
9/22/99 3:30	1018.75	30.08	0.733	113.41	236.14	534.83			
9/22/99 3:45	1018.75	30.08	0.733	113.15	235.67	534.43			
9/22/99 4:00	1019.00	30.09	0.734	113.41	236.14	534.98	534.78		
9/22/99 4:15	1019.00	30.09	0.734	112.89	235.20	534.88			
9/22/99 4:30	1019.00	30.09	0.733	113.41	236.14	534.76			
9/22/99 4:45	1019.13	30.09	0.730	112.89	235.20	533.24			
9/22/99 5:00	1019.38	30.10	0.732	112.63	234.73	533.69	533.94		
9/22/99 5:15	1019.38	30.10	0.733	112.89	235.20	534.30			
9/22/99 5:30	1019.38	30.10	0.732	112.63	234.73	533.69			
9/22/99 5:45	1019.38	30.10	0.733	112.63	234.73	534.12			
9/22/99 6:00	1019.50	30.11	0.731	113.15	235.67	533.76	534.22		
9/22/99 6:15	1019.50	30.11	0.733	113.15	235.67	534.23			
9/22/99 6:30	1019.63	30.11	0.735	113.41	236.14	535.29			
9/22/99 6:45	1019.75	30.11	0.731	112.63	234.73	533.33			
9/22/99 7:00	1019.88	30.12	0.733	112.37	234.26	533.81	534.18		
9/22/99 7:15	1019.88	30.12	0.734	112.63	234.73	534.21			
9/22/99 7:30	1020.00	30.12	0.734	112.37	234.26	534.25			
9/22/99 7:45	1020.00	30.12	0.735	112.37	234.26	534.47			
9/22/99 8:00	1020.25	30.13	0.734	112.37	234.26	534.19	534.27		
9/22/99 8:15	1020.25	30.13	0.733	112.63	234.73	533.88			
9/22/99 8:30	1020.25	30.13	0.735	112.89	235.20	534.77			
9/22/99 8:45	1020.25	30.13	0.733	113.41	236.14	534.44			
9/22/99 9:00	1020.25	30.13	0.738	114.20	237.55	535.89	535.51		
9/22/99 9:15	1020.25	30.13	0.738	114.72	238.49	536.25			
9/22/99 9:30	1020.13	30.12	0.734	115.24	239.43	536.21			
9/22/99 9:45	1020.38	30.13	0.736	115.76	240.37	537.16			
9/22/99 10:00	1020.38	30.13	0.736	116.02	240.84	537.34	537.26		
9/22/99 10:15	1020.38	30.13	0.735	116.55	241.79	537.26			
9/22/99 10:30	1020.50	30.14	0.738	116.81	242.26	538.32			
9/22/99 10:45	1020.38	30.13	0.734	117.33	243.20	537.32			
9/22/99 11:00	1020.13	30.12	0.738	117.85	244.14	539.14	538.97		
9/22/99 11:15	1020.00	30.12	0.739	118.12	244.61	539.79			
9/22/99 11:30	1019.88	30.12	0.739	118.38	245.08	540.26			
9/22/99 11:45	1019.75	30.11	0.738	119.16	246.49	540.14			
9/22/99 12:00	1019.75	30.11	0.738	119.16	246.49	540.14	540.16		
9/22/99 12:15	1019.50	30.11	0.738	119.42	246.96	540.36			
9/22/99 12:30	1019.38	30.10	0.738	119.88	247.43	539.90			
9/22/99 12:45	1019.00	30.09	0.734	119.94	247.90	539.74			
9/22/99 13:00	1018.88	30.09	0.738	120.21	248.37	540.39	540.17		
9/22/99 13:15	1018.75	30.08	0.734	120.21	248.37	539.98			
9/22/99 13:30	1018.63	30.08	0.736	120.73	249.31	540.82			
9/22/99 13:45	1018.25	30.07	0.738	120.99	249.78	541.79			
9/22/99 14:00	1018.00	30.06	0.734	121.25	250.25	540.90	541.57		
9/22/99 14:15	1017.75	30.05	0.738	121.51	250.72	542.29			
9/22/99 14:30	1017.50	30.05	0.738	121.77	251.19	542.05			
9/22/99 14:45	1017.38	30.04	0.738	122.03	251.66	542.05			
9/22/99 15:00	1017.13	30.04	0.734	122.30	252.13	541.59	542.17		
9/22/99 15:15	1017.00	30.03	0.735	122.30	252.13	542.10			
9/22/99 15:30	1016.75	30.02	0.737	122.56	252.60	543.05			
9/22/99 15:45	1016.75	30.02	0.737	122.82	253.07	543.23			
9/22/99 16:00	1016.63	30.02	0.738	123.08	253.54	543.18	543.37		
9/22/99 16:15	1016.50	30.02	0.738	123.08	253.54	543.70			
9/22/99 16:30	1016.50	30.02	0.738	123.08	253.54	543.70			
9/22/99 16:45	1016.38	30.01	0.735	123.08	253.54	542.81			
9/22/99 17:00	1016.25	30.01	0.736	123.08	253.54	543.06	542.99		
9/22/99 17:15	1016.38	30.01	0.735	122.56	252.60	542.45			
9/22/99 17:30	1016.13	30.01	0.736	122.56	252.60	542.96			
9/22/99 17:45	1016.00	30.00	0.736	122.30	252.13	542.59			
9/22/99 18:00	1016.13	30.01	0.735	122.30	252.13	542.34	542.28		
9/22/99 18:15	1016.25	30.01	0.734	122.30	252.13	542.08			
9/22/99 18:30	1016.13	30.01	0.733	122.03	251.66	541.46			
9/22/99 18:45	1016.00	30.00	0.733	121.77	251.19	541.31			
9/22/99 19:00	1016.00	30.00	0.733	121.77	251.19	541.31	541.10		
9/22/99 19:15	1016.13	30.01	0.734	121.25	250.25	541.14			
9/22/99 19:30	1016.25	30.01	0.733	120.73	249.31	540.31			
9/22/99 19:45	1016.25	30.01	0.733	119.94	247.90	539.99			
9/22/99 20:00	1016.25	30.01	0.731	119.42	246.96	538.71	539.02		
9/22/99 20:15	1016.25	30.01	0.729	118.90	246.02	537.91			
9/22/99 20:30	1016.38	30.01	0.731	118.38	245.08	538.18			
9/22/99 20:45	1016.50	30.02	0.729	117.85	244.14	536.87			
9/22/99 21:00	1016.63	30.02	0.731	117.59	243.67	537.58	536.99		
9/22/99 21:15	1016.75	30.02	0.726	117.33	243.20	535.52			
9/22/99 21:30	1016.75	30.02	0.731	116.81	242.26	536.78			
9/22/99 21:45	1016.88	30.03	0.731	116.55	241.79	536.79			
9/22/99 22:00	1016.88	30.03	0.728	116.55	241.79	535.65	536.23		
9/22/99 22:15	1016.88	30.03	0.730	116.29	241.32	536.17			
9/22/99 22:30	1016.88	30.03	0.729	116.02	240.84	535.77			
9/22/99 22:45	1016.88	30.03	0.729	116.02	240.84	535.77			
9/22/99 23:00	1016.88	30.03	0.731	116.02	240.84	536.21	535.82		
9/22/99 23:15	1016.88	30.03	0.729	115.76	240.37	535.59			
9/22/99 23:30	1017.00	30.03	0.730	115.76	240.37	535.78			
9/22/99 23:45	1017.00	30.03	0.731	115.24	239.43	535.64			
9/23/99 0:00	1016.88	30.03	0.730	115.24	239.43	535.45	535.56		
9/23/99 0:15	1016.88	30.03	0.731	115.24	239.43	535.67			
9/23/99 0:30	1016.88	30.03	0.730	114.98	238.96	535.27			
9/23/99 0:45	1016.88	30.03	0.731	114.98	238.96	535.49			
9/23/99 1:00	1016.75	30.02	0.731	114.72	238.49	535.56	535.40		
9/23/99 1:15	1016.75	30.02	0.731	114.72	238.49	535.56			
9/23/99 1:30	1016.75	30.02	0.730	114.72	238.49	535.12			
9/23/99 1:45	1016.88	30.03	0.730	114.72	238.49	535.09			
9/23/99 2:00	1016.88	30.03	0.729	114.46	238.02	534.43	534.93		
9/23/99 2:15	1016.88	30.03	0.730	113.93	237.08	534.55			
9/23/99 2:30	1016.88	30.03	0.733	113.93	237.08	535.46			
9/23/99 2:45	1016.75	30.02	0.729	113.93	237.08	534.11			
9/23/99 3:00	1016.63	30.02	0.729	113.93	237.08	534.14	534.51		
9/23/99 3:15	1016.63	30.02	0.733	113.93	237.08	535.53			
9/23/99 3:30	1016.50	30.02	0.727	113.67	236.61	533.33			
9/23/99 3:45	1016.38	30.01	0.729	113.67	236.61	534.28			
9/23/99 4:00	1016.25	30.01	0.731	113.67	236.61	534.97	534.23		
9/23/99 4:15	1016.25	30.01	0.729	113.67	236.61	534.06			
9/23/99 4:30	1016.38	30.01	0.730	113.67	236.61	534.50			
9/23/99 4:45	1016.38	30.01	0.729	113.41	236.14	533.84			
9/23/99 5:00	1016.25	30.01	0.729	113.41	236.14	534.13	534.14		
9/23/99 5:15	1016.25	30.01	0.729	113.41	236.14	534.13			
9/23/99 5:30	1016.38	30.01	0.729	113.41	236.14	534.10			
9/23/99 5:45	1016.50	30.02	0.728	113.41	236.14	533.59			
9/23/99 6:00	1016.50	30.02	0.728	113.67	236.61	533.55	534.02		
9/23/99 6:15	1016.50	30.02	0.729	113.67	236.61	534.25			
9/23/99 6:30	1016.50	30.02	0.732	112.89	235.20	534.62			
9/23/99 6:45	1016.63	30.02	0.727	112.63	234.73	532.58			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/23/99 7:00	1016.63	30.02	0.729	113.15	235.67	533.60	533.62		
9/23/99 7:15	1016.50	30.02	0.728	113.41	236.14	533.59			
9/23/99 7:30	1016.50	30.02	0.729	112.89	235.20	533.71			
9/23/99 7:45	1016.63	30.02	0.726	112.89	235.20	532.28			
9/23/99 8:00	1016.63	30.02	0.729	113.41	236.14	534.03	533.83		
9/23/99 8:15	1016.75	30.02	0.729	113.67	236.61	533.93			
9/23/99 8:30	1016.75	30.02	0.731	114.20	237.55	535.20			
9/23/99 8:45	1016.75	30.02	0.730	114.72	238.49	535.12			
9/23/99 9:00	1016.75	30.02	0.753	114.72	238.49	543.31	537.88		
9/23/99 9:15	1016.63	30.02	0.746	114.20	237.55	540.70			
9/23/99 9:30	1016.75	30.02	0.727	116.29	241.32	535.06			
9/23/99 9:45	1016.88	30.03	0.729	117.07	242.73	536.49			
9/23/99 10:00	1016.75	30.02	0.731	117.59	243.67	537.54	538.90		
9/23/99 10:15	1016.75	30.02	0.729	118.12	244.61	536.98			
9/23/99 10:30	1016.75	30.02	0.731	118.90	246.02	538.44			
9/23/99 10:45	1016.63	30.02	0.731	119.16	246.49	538.65			
9/23/99 11:00	1016.38	30.01	0.731	119.68	247.43	539.08	539.15		
9/23/99 11:15	1016.25	30.01	0.733	120.21	248.37	539.95			
9/23/99 11:30	1016.13	30.01	0.731	120.73	249.31	539.84			
9/23/99 11:45	1015.88	30.00	0.733	121.51	250.72	541.16			
9/23/99 12:00	1015.75	30.00	0.735	121.77	251.19	542.08	541.23		
9/23/99 12:15	1015.38	29.98	0.734	122.03	251.66	541.88			
9/23/99 12:30	1015.13	29.98	0.731	122.56	252.60	541.38			
9/23/99 12:45	1014.88	29.97	0.736	122.82	253.07	543.25			
9/23/99 13:00	1014.68	29.97	0.734	123.08	253.54	542.99	542.90		
9/23/99 13:15	1014.75	29.97	0.734	123.34	254.01	543.20			
9/23/99 13:30	1014.38	29.95	0.735	123.60	254.48	543.70			
9/23/99 13:45	1014.13	29.95	0.732	123.60	254.48	542.62			
9/23/99 14:00	1013.88	29.94	0.734	122.30	252.13	542.46	542.49		
9/23/99 14:15	1013.63	29.93	0.733	122.56	252.60	542.26			
9/23/99 14:30	1013.38	29.92	0.730	122.56	252.60	541.40			
9/23/99 14:45	1013.00	29.91	0.733	122.82	253.07	542.81			
9/23/99 15:00	1012.75	29.91	0.731	122.30	252.13	541.83	542.20		
9/23/99 15:15	1012.50	29.90	0.730	122.82	253.07	541.81			
9/23/99 15:30	1012.38	29.90	0.733	123.34	254.01	543.35			
9/23/99 15:45	1012.13	29.89	0.734	123.34	254.01	543.84			
9/23/99 16:00	1011.88	29.88	0.731	123.60	254.48	542.96	543.45		
9/23/99 16:15	1011.75	29.88	0.731	123.86	254.95	543.17			
9/23/99 16:30	1011.75	29.88	0.734	123.86	254.95	544.10			
9/23/99 16:45	1011.63	29.87	0.732	123.60	254.48	543.29			
9/23/99 17:00	1011.50	29.87	0.729	123.08	253.54	542.04	542.47		
9/23/99 17:15	1011.38	29.87	0.731	122.30	252.13	542.20			
9/23/99 17:30	1011.25	29.88	0.728	121.77	251.19	540.73			
9/23/99 17:45	1011.25	29.88	0.733	121.77	251.19	542.36			
9/23/99 18:00	1011.25	29.86	0.728	121.25	250.25	540.37	540.97		
9/23/99 18:15	1011.13	29.88	0.728	120.99	249.78	540.22			
9/23/99 18:30	1011.13	29.88	0.731	120.99	249.78	541.15			
9/23/99 18:45	1011.13	29.88	0.728	120.99	249.78	540.22			
9/23/99 19:00	1011.13	29.88	0.728	120.47	248.84	539.64	540.05		
9/23/99 19:15	1011.25	29.86	0.731	119.94	247.90	540.40			
9/23/99 19:30	1011.25	29.86	0.727	119.68	247.43	538.85			
9/23/99 19:45	1011.38	29.87	0.726	118.90	246.02	537.80			
9/23/99 20:00	1011.50	29.87	0.728	118.12	244.61	537.93	537.45		
9/23/99 20:15	1011.50	29.87	0.727	117.33	243.20	537.17			
9/23/99 20:30	1011.63	29.87	0.724	116.29	241.32	535.49			
9/23/99 20:45	1011.75	29.88	0.722	115.76	240.37	534.18			
9/23/99 21:00	1011.75	29.88	0.725	115.24	239.43	534.96	534.73		
9/23/99 21:15	1011.88	29.88	0.724	114.98	238.96	534.27			
9/23/99 21:30	1011.88	29.88	0.725	114.98	238.96	534.75			
9/23/99 21:45	1011.86	29.86	0.724	114.72	238.49	534.09			
9/23/99 22:00	1011.75	29.86	0.724	114.20	237.55	534.02	533.98		
9/23/99 22:15	1012.00	29.88	0.724	113.93	237.08	533.52			
9/23/99 22:30	1012.00	29.88	0.724	113.93	237.08	533.52			
9/23/99 22:45	1012.00	29.88	0.723	113.67	236.61	533.12			
9/23/99 23:00	1012.00	29.86	0.721	113.41	236.14	532.01	532.50		
9/23/99 23:15	1012.00	29.88	0.721	113.41	236.14	532.01			
9/23/99 23:30	1012.00	29.88	0.721	113.15	235.67	531.84			
9/23/99 23:45	1012.00	29.88	0.722	112.89	235.20	532.13			
9/24/99 0:00	1012.00	29.88	0.723	112.89	235.20	532.36	532.15		
9/24/99 0:15	1011.75	29.88	0.724	112.63	234.73	532.88			
9/24/99 0:30	1011.75	29.88	0.721	112.63	234.73	531.78			
9/24/99 0:45	1011.63	29.87	0.720	112.63	234.73	531.35			
9/24/99 1:00	1011.63	29.87	0.721	112.63	234.73	531.57	531.60		
9/24/99 1:15	1011.38	29.87	0.721	112.63	234.73	531.84			
9/24/99 1:30	1011.25	29.86	0.721	112.83	234.73	531.67			
9/24/99 1:45	1011.25	29.86	0.723	112.83	234.73	532.59			
9/24/99 2:00	1011.25	29.86	0.721	112.63	234.73	531.67	531.69		
9/24/99 2:15	1011.13	29.86	0.719	112.63	234.73	531.04			
9/24/99 2:30	1011.25	29.86	0.720	112.83	234.73	531.45			
9/24/99 2:45	1011.00	29.85	0.719	112.63	234.73	531.30			
9/24/99 3:00	1011.00	29.85	0.721	112.63	234.73	531.74	531.42		
9/24/99 3:15	1011.00	29.85	0.720	112.63	234.73	531.52			
9/24/99 3:30	1010.88	29.85	0.719	112.63	234.73	531.11			
9/24/99 3:45	1010.75	29.85	0.718	112.63	234.73	530.88			
9/24/99 4:00	1010.63	29.84	0.719	112.63	234.73	531.17	531.18		
9/24/99 4:15	1010.63	29.84	0.719	112.63	234.73	531.39			
9/24/99 4:30	1010.63	29.84	0.719	112.69	235.20	531.35			
9/24/99 4:45	1010.75	29.85	0.718	112.63	234.73	530.66			
9/24/99 5:00	1010.63	29.84	0.719	112.63	234.73	531.17	531.25		
9/24/99 5:15	1010.63	29.84	0.719	112.89	235.20	531.35			
9/24/99 5:30	1010.63	29.84	0.719	113.41	236.14	531.71			
9/24/99 5:45	1010.75	29.85	0.718	113.41	236.14	531.42			
9/24/99 6:00	1010.75	29.85	0.718	113.41	236.14	531.42	531.56		
9/24/99 6:15	1010.75	29.85	0.719	113.41	236.14	531.68			
9/24/99 6:30	1010.88	29.85	0.718	113.67	236.61	531.57			
9/24/99 6:45	1011.00	29.85	0.719	113.93	237.08	531.97			
9/24/99 7:00	1010.88	29.85	0.716	113.67	236.61	530.90	531.82		
9/24/99 7:15	1011.00	29.85	0.718	113.93	237.08	531.71			
9/24/99 7:30	1011.13	29.86	0.721	114.46	238.02	532.96			
9/24/99 7:45	1011.25	29.86	0.721	113.93	237.08	532.57			
9/24/99 8:00	1011.38	29.87	0.719	113.93	237.08	532.10	532.16		
9/24/99 8:15	1011.25	29.86	0.716	113.93	237.08	530.98			
9/24/99 8:30	1011.25	29.86	0.719	114.46	238.02	532.26			
9/24/99 8:45	1011.25	29.86	0.719	114.98	238.96	532.62			
9/24/99 9:00	1011.25	29.86	0.721	116.02	240.84	534.23	533.54		
9/24/99 9:15	1011.38	29.87	0.719	116.55	241.79	533.66			
9/24/99 9:30	1011.38	29.87	0.721	117.07	242.73	534.91			
9/24/99 9:45	1011.38	29.87	0.720	117.33	243.20	534.65			
9/24/99 10:00	1011.38	29.87	0.719	117.59	243.67	534.60	534.85		
9/24/99 10:15	1011.25	29.86	0.719	117.59	243.67	534.64			
9/24/99 10:30	1011.25	29.86	0.721	118.12	244.61	535.44			
9/24/99 10:45	1011.25	29.86	0.716	118.38	245.08	534.69			
9/24/99 11:00	1011.25	29.86	0.721	118.90	246.02	536.20	535.94		
9/24/99 11:15	1011.13	29.86	0.722	119.42	246.96	536.85			
9/24/99 11:30	1011.13	29.86	0.721	119.68	247.43	536.54			
9/24/99 11:45	1011.00	29.85	0.720	119.68	247.43	536.35			
9/24/99 12:00	1011.00	29.85	0.723	120.73	249.31	536.22	537.49		
9/24/99 12:15	1010.88	29.85	0.721	120.99	249.78	537.72			
9/24/99 12:30	1010.75	29.85	0.723	121.51	250.72	538.60			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/24/99 12:45	1010.50	29.84	0.722	122.03	251.66	538.80			
9/24/99 13:00	1010.50	29.84	0.722	122.56	252.60	539.15	539.05		
9/24/99 13:15	1010.50	29.84	0.721	122.56	252.60	538.67			
9/24/99 13:30	1010.38	29.84	0.724	122.82	253.07	540.04			
9/24/99 13:45	1010.25	29.83	0.721	123.08	253.54	539.09			
9/24/99 14:00	1010.13	29.83	0.721	123.60	254.48	539.48	539.82		
9/24/99 14:15	1010.00	29.83	0.723	123.86	254.95	540.40			
9/24/99 14:30	1010.00	29.83	0.721	124.13	255.43	540.09			
9/24/99 14:45	1010.00	29.83	0.723	124.13	255.43	540.80			
9/24/99 15:00	1009.88	29.82	0.723	123.86	254.95	540.43	540.34		
9/24/99 15:15	1010.00	29.83	0.725	123.34	254.01	540.98			
9/24/99 15:30	1010.00	29.83	0.721	123.08	253.54	539.38			
9/24/99 15:45	1010.00	29.83	0.726	122.56	252.60	540.67			
9/24/99 16:00	1010.13	29.83	0.723	123.08	253.54	540.06	540.10		
9/24/99 16:15	1010.13	29.83	0.724	123.08	253.54	540.54			
9/24/99 16:30	1010.25	29.83	0.723	122.82	253.07	539.85			
9/24/99 16:45	1010.38	29.84	0.722	121.25	250.25	538.30			
9/24/99 17:00	1010.63	29.84	0.720	119.42	246.96	538.27	536.95		
9/24/99 17:15	1010.75	29.85	0.721	118.38	245.08	535.97			
9/24/99 17:30	1010.88	29.85	0.718	118.12	244.61	534.38			
9/24/99 17:45	1010.88	29.85	0.719	117.85	244.14	534.69			
9/24/99 18:00	1010.88	29.85	0.720	118.38	245.08	535.49	535.39		
9/24/99 18:15	1011.00	29.85	0.722	118.38	245.08	536.17			
9/24/99 18:30	1011.00	29.85	0.721	119.16	246.49	536.22			
9/24/99 18:45	1011.13	29.86	0.721	119.42	246.96	536.38			
9/24/99 19:00	1011.25	29.86	0.723	119.88	247.43	537.22	536.45		
9/24/99 19:15	1011.25	29.86	0.721	119.88	247.43	536.51			
9/24/99 19:30	1011.38	29.87	0.721	118.90	246.02	535.94			
9/24/99 19:45	1011.50	29.87	0.721	118.38	245.08	535.55			
9/24/99 20:00	1011.63	29.87	0.721	118.90	246.02	536.10	535.78		
9/24/99 20:15	1011.88	29.88	0.720	118.64	245.55	535.41			
9/24/99 20:30	1012.00	29.88	0.722	118.38	245.08	535.90			
9/24/99 20:45	1012.25	29.89	0.720	118.64	245.55	535.31			
9/24/99 21:00	1012.50	29.90	0.720	117.85	244.14	534.71	534.88		
9/24/99 21:15	1012.75	29.91	0.718	117.85	244.14	533.93			
9/24/99 21:30	1013.00	29.91	0.721	117.33	243.20	534.44			
9/24/99 21:45	1013.13	29.92	0.723	117.33	243.20	535.11			
9/24/99 22:00	1013.25	29.92	0.720	117.07	242.73	533.97	533.68		
9/24/99 22:15	1013.38	29.92	0.716	116.81	242.26	532.39			
9/24/99 22:30	1013.38	29.92	0.718	116.29	241.32	532.48			
9/24/99 22:45	1013.50	29.93	0.719	116.29	241.32	532.93			
9/24/99 23:00	1013.50	29.93	0.718	116.29	241.32	532.87	532.63		
9/24/99 23:15	1013.63	29.93	0.717	116.29	241.32	532.19			
9/24/99 23:30	1013.75	29.94	0.719	116.02	240.84	532.90			
9/24/99 23:45	1013.75	29.94	0.720	116.02	240.84	533.13			
9/25/99 0:00	1013.75	29.94	0.720	116.55	241.79	533.48	533.26		
9/25/99 0:15	1013.75	29.94	0.721	116.29	241.32	533.75			
9/25/99 0:30	1013.88	29.94	0.719	116.29	241.32	533.05			
9/25/99 0:45	1014.00	29.94	0.718	116.02	240.84	532.13			
9/25/99 1:00	1014.00	29.94	0.718	116.29	241.32	532.31	532.25		
9/25/99 1:15	1014.13	29.95	0.718	116.02	240.84	532.10			
9/25/99 1:30	1014.13	29.95	0.716	116.02	240.84	531.66			
9/25/99 1:45	1014.13	29.95	0.717	115.78	240.37	531.70			
9/25/99 2:00	1014.25	29.95	0.716	114.98	238.96	530.91	531.20		
9/25/99 2:15	1014.50	29.96	0.716	115.24	239.43	531.02			
9/25/99 2:30	1014.50	29.96	0.715	115.50	239.90	530.72			
9/25/99 2:45	1014.50	29.96	0.716	115.24	239.43	531.02			
9/25/99 3:00	1014.38	29.95	0.714	115.24	239.43	530.35	530.92		
9/25/99 3:15	1014.25	29.95	0.717	115.24	239.43	531.31			
9/25/99 3:30	1014.25	29.95	0.718	114.72	238.49	531.18			
9/25/99 3:45	1014.38	29.95	0.715	114.72	238.49	530.22			
9/25/99 4:00	1014.50	29.96	0.714	115.24	239.43	530.06	530.20		
9/25/99 4:15	1014.50	29.96	0.714	114.46	238.02	529.52			
9/25/99 4:30	1014.63	29.96	0.716	114.20	237.55	530.02			
9/25/99 4:45	1014.63	29.96	0.712	114.72	238.49	529.00			
9/25/99 5:00	1014.63	29.96	0.714	114.98	238.96	530.11	529.72		
9/25/99 5:15	1014.75	29.97	0.715	114.20	237.55	529.76			
9/25/99 5:30	1014.75	29.97	0.714	114.46	238.02	529.72			
9/25/99 5:45	1014.88	29.97	0.714	114.72	238.49	529.60			
9/25/99 6:00	1015.00	29.97	0.713	114.72	238.49	529.35	529.39		
9/25/99 6:15	1015.13	29.98	0.713	114.46	238.02	529.14			
9/25/99 6:30	1015.25	29.98	0.714	114.20	237.55	529.15			
9/25/99 6:45	1015.38	29.98	0.713	114.20	237.55	528.89			
9/25/99 7:00	1015.63	29.99	0.716	113.93	237.08	529.58	529.20		
9/25/99 7:15	1015.88	30.00	0.716	113.93	237.08	529.51			
9/25/99 7:30	1015.88	30.00	0.714	113.67	236.61	528.89			
9/25/99 7:45	1016.00	30.00	0.712	113.67	236.61	527.93			
9/25/99 8:00	1016.13	30.01	0.714	114.20	237.55	528.92	529.12		
9/25/99 8:15	1016.25	30.01	0.716	114.46	238.02	530.03			
9/25/99 8:30	1016.38	30.01	0.716	114.20	237.55	529.82			
9/25/99 8:45	1016.38	30.01	0.715	115.24	239.43	530.05			
9/25/99 9:00	1016.38	30.01	0.718	116.02	240.84	531.73	531.18		
9/25/99 9:15	1016.38	30.01	0.718	116.55	241.79	532.09			
9/25/99 9:30	1016.38	30.01	0.718	117.07	242.73	532.22			
9/25/99 9:45	1016.50	30.02	0.716	117.59	243.67	532.10			
9/25/99 10:00	1016.75	30.02	0.717	118.12	244.61	532.62	533.04		
9/25/99 10:15	1016.75	30.02	0.718	118.90	246.02	533.59			
9/25/99 10:30	1016.75	30.02	0.720	119.42	246.96	534.66			
9/25/99 10:45	1016.75	30.02	0.718	119.68	247.43	534.13			
9/25/99 11:00	1016.75	30.02	0.721	120.21	248.37	535.64	535.19		
9/25/99 11:15	1016.63	30.02	0.721	120.73	249.31	536.02			
9/25/99 11:30	1016.63	30.02	0.719	121.25	250.25	535.49			
9/25/99 11:45	1016.63	30.02	0.722	121.51	250.72	536.62			
9/25/99 12:00	1016.38	30.01	0.723	122.03	251.66	537.68	537.17		
9/25/99 12:15	1016.25	30.01	0.723	122.56	252.60	537.85			
9/25/99 12:30	1016.25	30.01	0.723	122.82	253.07	538.03			
9/25/99 12:45	1016.13	30.01	0.723	123.34	254.01	538.64			
9/25/99 13:00	1016.00	30.00	0.723	123.86	254.95	539.03	538.92		
9/25/99 13:15	1015.88	30.00	0.723	124.39	255.90	539.19			
9/25/99 13:30	1015.63	29.99	0.724	124.39	255.90	539.70			
9/25/99 13:45	1015.50	29.99	0.724	124.91	256.84	540.35			
9/25/99 14:00	1015.38	29.98	0.723	125.43	257.78	540.03	540.34		
9/25/99 14:15	1015.25	29.98	0.721	125.17	257.31	539.18			
9/25/99 14:30	1015.00	29.97	0.729	125.43	257.78	542.44			
9/25/99 14:45	1014.75	29.97	0.726	125.17	257.31	541.18			
9/25/99 15:00	1014.63	29.96	0.726	125.43	257.78	541.39	542.19		
9/25/99 15:15	1014.50	29.96	0.729	126.22	259.19	543.11			
9/25/99 15:30	1014.63	29.96	0.728	126.22	259.19	542.85			
9/25/99 15:45	1014.63	29.96	0.728	126.22	259.19	542.85			
9/25/99 16:00	1014.50	29.96	0.727	126.74	260.13	542.79	543.31		
9/25/99 16:15	1014.50	29.96	0.729	126.48	259.66	543.55			
9/25/99 16:30	1014.50	29.96	0.732	126.48	259.66	544.48			
9/25/99 16:45	1014.38	29.95	0.731	126.74	260.13	544.43			
9/25/99 17:00	1014.25	29.95	0.728	125.69	256.25	542.60	543.19		
9/25/99 17:15	1014.25	29.95	0.728	125.17	257.31	542.02			
9/25/99 17:30	1014.25	29.95	0.728	125.43	257.78	542.42			
9/25/99 17:45	1014.00	29.94	0.729	125.43	257.78	542.71			
9/25/99 18:00	1014.00	29.94	0.728	125.43	257.78	542.49	542.01		
9/25/99 18:15	1014.13	29.95	0.727	124.85	256.37	541.47			

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/25/99 18:30	1014.25	29.95	0.726	124.65	256.37	540.98			
9/25/99 18:45	1014.38	29.95	0.728	124.65	256.37	541.85			
9/25/99 19:00	1014.38	29.95	0.726	123.88	254.95	540.61	540.38		
9/25/99 19:15	1014.38	29.95	0.724	123.08	253.54	539.41			
9/25/99 19:30	1014.50	29.96	0.725	122.30	252.13	539.07			
9/25/99 19:45	1014.63	29.96	0.723	121.77	251.19	537.97			
9/25/99 20:00	1014.75	29.97	0.727	120.73	249.31	538.63	538.12		
9/25/99 20:15	1014.75	29.97	0.725	120.21	248.37	537.57			
9/25/99 20:30	1014.88	29.97	0.725	119.94	247.90	537.38			
9/25/99 20:45	1015.00	29.97	0.724	119.42	246.96	536.49			
9/25/99 21:00	1015.13	29.98	0.724	119.16	246.49	536.54	536.80		
9/25/99 21:15	1015.25	29.98	0.724	118.90	246.02	536.33			
9/25/99 21:30	1015.25	29.98	0.728	118.64	245.55	537.29			
9/25/99 21:45	1015.38	29.98	0.724	118.38	245.08	535.94			
9/25/99 22:00	1015.50	29.99	0.722	117.85	244.14	534.62	535.52		
9/25/99 22:15	1015.50	29.99	0.723	117.85	244.14	534.84			
9/25/99 22:30	1015.50	29.99	0.723	117.59	243.67	534.89			
9/25/99 22:45	1015.75	30.00	0.721	117.33	243.20	533.72			
9/25/99 23:00	1015.75	30.00	0.721	117.33	243.20	533.94	533.73		
9/25/99 23:15	1015.88	30.00	0.718	117.07	242.73	532.58			
9/25/99 23:30	1016.00	30.00	0.721	116.81	242.26	533.52			
9/25/99 23:45	1016.13	30.01	0.722	116.81	242.26	533.74			
9/26/99 0:00	1016.25	30.01	0.722	116.55	241.79	533.53	533.29		
9/26/99 0:15	1016.38	30.01	0.722	116.29	241.32	533.32			
9/26/99 0:30	1018.50	30.02	0.719	116.29	241.32	532.38			
9/26/99 0:45	1016.50	30.02	0.718	116.02	240.84	531.48			
9/26/99 1:00	1016.50	30.02	0.719	116.02	240.84	532.18	532.29		
9/26/99 1:15	1016.63	30.02	0.719	116.02	240.84	532.15			
9/26/99 1:30	1016.63	30.02	0.723	116.02	240.84	533.30			
9/26/99 1:45	1016.75	30.02	0.721	116.29	241.32	532.96			
9/26/99 2:00	1016.75	30.02	0.718	116.29	241.32	531.81	532.42		
9/26/99 2:15	1016.75	30.02	0.719	116.02	240.84	532.12			
9/26/99 2:30	1016.75	30.02	0.719	116.02	240.84	531.90			
9/26/99 2:45	1017.00	30.03	0.719	115.24	239.43	531.52			
9/26/99 3:00	1017.13	30.04	0.719	115.24	239.43	531.26	531.34		
9/26/99 3:15	1017.25	30.04	0.719	115.24	239.43	531.23			
9/26/99 3:30	1017.25	30.04	0.718	114.98	238.96	530.79			
9/26/99 3:45	1017.38	30.04	0.719	114.98	238.96	531.24			
9/26/99 4:00	1017.75	30.05	0.718	114.72	238.49	530.48	530.44		
9/26/99 4:15	1017.75	30.05	0.717	114.46	238.02	529.86			
9/26/99 4:30	1017.75	30.05	0.716	114.72	238.49	529.62			
9/26/99 4:45	1017.88	30.06	0.717	114.46	238.02	529.63			
9/26/99 5:00	1017.88	30.06	0.718	114.72	238.49	530.45	530.23		
9/26/99 5:15	1018.00	30.06	0.717	114.72	238.49	529.97			
9/26/99 5:30	1018.13	30.07	0.720	114.72	238.49	531.09			
9/26/99 5:45	1018.38	30.07	0.719	114.20	237.55	530.44			
9/26/99 6:00	1018.38	30.07	0.716	113.93	237.08	528.86	529.78		
9/26/99 6:15	1018.38	30.07	0.714	113.93	237.08	528.16			
9/26/99 6:30	1018.63	30.08	0.720	113.67	236.61	530.24			
9/26/99 6:45	1018.75	30.08	0.717	113.67	236.61	529.07			
9/26/99 7:00	1018.75	30.08	0.717	113.67	236.61	529.07	529.11		
9/26/99 7:15	1018.75	30.08	0.714	113.67	236.61	528.14			
9/26/99 7:30	1018.88	30.09	0.717	113.67	236.61	529.03			
9/26/99 7:45	1019.13	30.09	0.716	113.67	236.61	528.75			
9/26/99 8:00	1019.25	30.10	0.718	113.67	236.61	529.16	529.16		
9/26/99 8:15	1019.50	30.11	0.718	113.93	237.08	529.49			
9/26/99 8:30	1019.50	30.11	0.716	114.72	238.49	529.36			
9/26/99 8:45	1019.75	30.11	0.717	115.50	239.90	530.05			
9/26/99 9:00	1019.88	30.12	0.711	116.81	242.26	528.80	529.91		
9/26/99 9:15	1019.88	30.12	0.714	117.59	243.67	530.26			
9/26/99 9:30	1020.00	30.12	0.715	118.12	244.61	531.06			
9/26/99 9:45	1020.13	30.12	0.714	118.90	246.02	531.34			
9/26/99 10:00	1020.25	30.13	0.715	119.42	246.96	531.88	531.69		
9/26/99 10:15	1020.25	30.13	0.713	119.88	247.43	531.13			
9/26/99 10:30	1020.38	30.13	0.716	120.47	248.84	533.04			
9/26/99 10:45	1020.38	30.13	0.716	120.99	249.78	534.06			
9/26/99 11:00	1020.38	30.13	0.717	121.51	250.72	533.97	534.28		
9/26/99 11:15	1020.25	30.13	0.718	122.30	252.13	534.98			
9/26/99 11:30	1020.13	30.12	0.718	122.82	253.07	535.37			
9/26/99 11:45	1020.00	30.12	0.719	123.34	254.01	536.24			
9/26/99 12:00	1019.88	30.12	0.718	123.60	254.48	535.74	535.85		
9/26/99 12:15	1019.63	30.11	0.717	123.88	254.95	535.76			
9/26/99 12:30	1019.38	30.10	0.717	124.39	255.90	536.17			
9/26/99 12:45	1019.13	30.09	0.721	124.65	256.37	538.02			
9/26/99 13:00	1019.00	30.09	0.719	124.85	256.37	537.16	537.25		
9/26/99 13:15	1018.88	30.09	0.719	124.39	255.90	537.24			
9/26/99 13:30	1016.63	30.08	0.719	124.91	256.84	537.66			
9/26/99 13:45	1018.50	30.08	0.723	125.43	257.78	539.20			
9/26/99 14:00	1018.38	30.07	0.724	125.43	257.78	539.68	538.86		
9/26/99 14:15	1016.00	30.06	0.721	125.43	257.78	538.85			
9/26/99 14:30	1017.75	30.05	0.721	125.43	257.78	538.91			
9/26/99 14:45	1017.50	30.05	0.721	125.43	257.78	538.98			
9/26/99 15:00	1017.25	30.04	0.724	125.43	257.78	539.98	539.33		
9/26/99 15:15	1017.00	30.03	0.722	125.43	257.78	539.38			
9/26/99 15:30	1016.88	30.03	0.722	125.43	257.78	539.41			
9/26/99 15:45	1016.75	30.02	0.723	125.43	257.78	539.87			
9/26/99 16:00	1016.63	30.02	0.721	125.43	257.78	539.21	539.45		
9/26/99 16:15	1016.63	30.02	0.723	125.43	257.78	539.70			
9/26/99 16:30	1016.38	30.01	0.721	125.43	257.78	539.28			
9/26/99 16:45	1016.38	30.01	0.723	125.43	257.78	539.77			
9/26/99 17:00	1016.38	30.01	0.723	124.91	256.84	539.64	539.02		
9/26/99 17:15	1016.38	30.01	0.719	124.65	256.37	538.08			
9/26/99 17:30	1016.38	30.01	0.721	124.39	255.90	538.35			
9/26/99 17:45	1016.50	30.02	0.723	124.39	255.90	539.02			
9/26/99 18:00	1016.38	30.01	0.723	124.85	256.37	539.46	538.97		
9/26/99 18:15	1016.38	30.01	0.723	124.85	256.37	539.46			
9/26/99 18:30	1016.38	30.01	0.721	124.39	255.90	538.57			
9/26/99 18:45	1016.50	30.02	0.723	124.39	255.90	539.02			
9/26/99 19:00	1016.63	30.02	0.722	124.13	255.43	538.59	538.30		
9/26/99 19:15	1016.75	30.02	0.721	123.60	254.48	537.94			
9/26/99 19:30	1016.75	30.02	0.721	123.08	253.54	537.36			
9/26/99 19:45	1016.75	30.02	0.722	123.08	253.54	537.85			
9/26/99 20:00	1016.88	30.03	0.723	123.08	253.54	538.26	537.39		
9/26/99 20:15	1017.00	30.03	0.721	122.03	251.66	536.59			
9/26/99 20:30	1017.25	30.04	0.723	121.51	250.72	536.87			
9/26/99 20:45	1017.38	30.04	0.722	120.99	249.78	536.28			
9/26/99 21:00	1017.63	30.05	0.721	120.47	248.84	535.58	536.04		
9/26/99 21:15	1017.75	30.05	0.723	120.21	248.37	535.85			
9/26/99 21:30	1018.00	30.06	0.723	119.94	247.90	535.61			
9/26/99 21:45	1018.13	30.07	0.719	119.42	246.96	534.07			
9/26/99 22:00	1018.13	30.07	0.723	119.16	246.49	535.27	534.35		
9/26/99 22:15	1018.25	30.07	0.719	119.16	246.49	533.64			
9/26/99 22:30	1018.25	30.07	0.718	119.18	246.49	533.18			
9/26/99 22:45	1018.25	30.07	0.723	118.90	246.02	534.83			
9/26/99 23:00	1018.25	30.07	0.720	118.90	246.02	533.91	533.85		
9/26/99 23:15	1018.13	30.07	0.718	118.90	246.02	533.01			
9/26/99 23:30	1018.25	30.07	0.721	118.90	246.02	534.35			
9/26/99 23:45	1018.25	30.07	0.721	118.38	245.08	534.00			
9/27/99 0:00	1018.38	30.07	0.721	118.38	245.08	533.96	533.56		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/27/99 0:15	1018.38	30.07	0.718	118.38	245.08	532.59			
9/27/99 0:30	1018.38	30.07	0.719	118.12	244.61	532.90			
9/27/99 0:45	1018.38	30.07	0.718	117.85	244.14	532.46			
9/27/99 1:00	1018.38	30.07	0.717	117.85	244.14	532.01	532.37		
9/27/99 1:15	1018.50	30.08	0.718	117.59	243.67	532.25			
9/27/99 1:30	1018.50	30.08	0.718	117.59	243.67	532.25			
9/27/99 1:45	1018.50	30.08	0.718	117.59	243.67	532.25			
9/27/99 2:00	1018.50	30.08	0.716	117.33	243.20	531.14	531.26		
9/27/99 2:15	1018.50	30.08	0.716	116.81	242.26	530.79			
9/27/99 2:30	1018.50	30.08	0.713	116.81	242.26	529.86			
9/27/99 2:45	1018.50	30.08	0.716	117.07	242.73	530.97			
9/27/99 3:00	1018.38	30.07	0.713	117.07	242.73	530.07	530.46		
9/27/99 3:15	1018.25	30.07	0.714	117.33	243.20	530.50			
9/27/99 3:30	1018.25	30.07	0.715	117.33	243.20	530.99			
9/27/99 3:45	1018.38	30.07	0.713	116.81	242.26	529.67			
9/27/99 4:00	1018.38	30.07	0.713	116.55	241.79	529.71	529.94		
9/27/99 4:15	1018.50	30.08	0.714	116.55	241.79	529.90			
9/27/99 4:30	1018.63	30.08	0.713	116.55	241.79	529.43			
9/27/99 4:45	1018.50	30.08	0.712	116.81	242.26	529.41			
9/27/99 5:00	1018.63	30.08	0.713	116.29	241.32	529.47	529.24		
9/27/99 5:15	1018.75	30.08	0.711	116.29	241.32	528.51			
9/27/99 5:30	1018.88	30.09	0.713	116.55	241.79	529.36			
9/27/99 5:45	1018.88	30.09	0.711	116.55	241.79	528.88			
9/27/99 6:00	1019.00	30.09	0.709	116.29	241.32	528.00	528.54		
9/27/99 6:15	1019.13	30.09	0.712	116.02	240.84	528.72			
9/27/99 6:30	1019.25	30.10	0.709	116.02	240.84	527.76			
9/27/99 6:45	1019.50	30.11	0.712	116.02	240.84	528.62			
9/27/99 7:00	1019.63	30.11	0.711	116.29	241.32	528.28	529.05		
9/27/99 7:15	1019.50	30.11	0.713	117.59	243.67	529.91			
9/27/99 7:30	1019.50	30.11	0.713	118.38	245.08	530.66			
9/27/99 7:45	1019.63	30.11	0.716	118.90	246.02	531.91			
9/27/99 8:00	1019.75	30.11	0.714	119.16	246.49	531.35	531.21		
9/27/99 8:15	1020.00	30.12	0.713	119.42	246.96	531.24			
9/27/99 8:30	1020.25	30.13	0.712	119.68	247.43	530.90			
9/27/99 8:45	1020.38	30.13	0.715	119.94	247.90	532.20			
9/27/99 9:00	1020.38	30.13	0.714	120.21	248.37	532.16	532.12		
9/27/99 9:15	1020.50	30.14	0.714	120.73	249.31	532.22			
9/27/99 9:30	1020.50	30.14	0.716	120.99	249.78	533.10			
9/27/99 9:45	1020.50	30.14	0.716	121.51	250.72	533.45			
9/27/99 10:00	1020.63	30.14	0.718	122.30	252.13	534.66	533.99		
9/27/99 10:15	1021.00	30.15	0.714	123.08	253.54	533.93			
9/27/99 10:30	1021.13	30.15	0.716	123.34	254.01	534.79			
9/27/99 10:45	1021.25	30.16	0.717	123.34	254.01	534.98			
9/27/99 11:00	1021.00	30.15	0.718	123.60	254.48	535.67	535.04		
9/27/99 11:15	1021.25	30.16	0.716	123.34	254.01	534.75			
9/27/99 11:30	1021.25	30.16	0.718	123.08	253.54	535.02			
9/27/99 11:45	1021.13	30.15	0.718	123.08	253.54	535.06			
9/27/99 12:00	1020.75	30.14	0.718	123.34	254.01	535.33	535.49		
9/27/99 12:15	1020.50	30.14	0.718	123.60	254.48	535.80			
9/27/99 12:30	1020.50	30.14	0.719	123.86	254.95	536.23			
9/27/99 12:45	1020.63	30.14	0.716	123.86	254.95	535.94			
9/27/99 13:00	1020.63	30.14	0.749	122.30	252.13	546.16	538.06		
9/27/99 13:15	1020.63	30.14	0.717	123.34	254.01	535.14			
9/27/99 13:30	1020.50	30.14	0.719	124.39	255.90	538.81			
9/27/99 13:45	1020.13	30.12	0.719	124.91	256.84	537.26			
9/27/99 14:00	1020.00	30.12	0.720	125.17	257.31	537.70	537.80		
9/27/99 14:15	1019.75	30.11	0.720	125.43	257.78	537.94			
9/27/99 14:30	1019.50	30.11	0.723	125.95	258.72	539.29			
9/27/99 14:45	1019.38	30.10	0.723	125.95	258.72	539.32			
9/27/99 15:00	1019.38	30.10	0.724	125.95	258.72	539.77	539.47		
9/27/99 15:15	1019.38	30.10	0.721	125.69	258.25	538.66			
9/27/99 15:30	1019.25	30.10	0.725	125.95	258.72	540.29			
9/27/99 15:45	1019.00	30.09	0.723	125.95	258.72	539.65			
9/27/99 16:00	1019.00	30.09	0.721	126.22	259.19	539.11	539.93		
9/27/99 16:15	1019.00	30.09	0.726	126.22	259.19	540.76			
9/27/99 16:30	1019.00	30.09	0.724	125.95	258.72	539.87			
9/27/99 16:45	1019.00	30.09	0.722	125.95	258.72	539.20			
9/27/99 17:00	1018.88	30.09	0.724	125.95	258.72	539.90	539.72		
9/27/99 17:15	1019.00	30.09	0.724	126.22	259.19	540.05			
9/27/99 17:30	1019.00	30.09	0.723	126.22	259.19	539.60			
9/27/99 17:45	1019.00	30.09	0.723	125.95	258.72	539.65			
9/27/99 18:00	1019.00	30.09	0.724	125.69	258.25	539.69	539.95		
9/27/99 18:15	1019.00	30.09	0.726	125.69	258.25	540.40			
9/27/99 18:30	1019.00	30.09	0.726	125.69	258.25	540.40			
9/27/99 18:45	1018.88	30.09	0.726	125.43	257.78	540.46			
9/27/99 19:00	1019.00	30.09	0.726	125.69	258.25	540.63	540.48		
9/27/99 19:15	1019.13	30.09	0.726	125.43	257.78	540.19			
9/27/99 19:30	1019.00	30.09	0.727	125.43	257.78	540.71			
9/27/99 19:45	1018.88	30.09	0.728	125.17	257.31	541.01			
9/27/99 20:00	1019.00	30.09	0.727	125.17	257.31	540.53	540.23		
9/27/99 20:15	1019.13	30.09	0.726	124.91	256.84	539.84			
9/27/99 20:30	1019.38	30.10	0.724	124.91	256.84	539.06			
9/27/99 20:45	1019.38	30.10	0.724	124.65	256.37	539.15			
9/27/99 21:00	1019.38	30.10	0.726	124.65	256.37	539.82	539.54		
9/27/99 21:15	1019.50	30.11	0.729	124.39	255.90	540.53			
9/27/99 21:30	1019.63	30.11	0.725	124.39	255.90	539.13			
9/27/99 21:45	1019.75	30.11	0.727	124.13	255.43	539.62			
9/27/99 22:00	1019.75	30.11	0.728	123.86	254.95	539.67	539.35		
9/27/99 22:15	1019.75	30.11	0.729	123.86	254.95	540.11			
9/27/99 22:30	1019.63	30.11	0.724	123.34	254.01	538.20			
9/27/99 22:45	1019.50	30.11	0.725	123.34	254.01	538.45			
9/27/99 23:00	1019.63	30.11	0.725	123.60	254.48	538.60	538.48		
9/27/99 23:15	1019.75	30.11	0.727	123.08	253.54	538.91			
9/27/99 23:30	1019.63	30.11	0.725	123.08	253.54	538.24			
9/27/99 23:45	1019.50	30.11	0.726	123.08	253.54	538.72			
9/28/99 0:00	1019.50	30.11	0.726	122.82	253.07	538.54	538.35		
9/28/99 0:15	1019.25	30.10	0.727	122.56	252.60	538.69			
9/28/99 0:30	1019.13	30.09	0.724	122.56	252.60	537.54			
9/28/99 0:45	1019.13	30.09	0.724	122.56	252.60	537.54			
9/28/99 1:00	1019.00	30.09	0.724	122.30	252.13	537.39	537.30		
9/28/99 1:15	1019.00	30.09	0.724	122.03	251.66	537.47			
9/28/99 1:30	1018.88	30.09	0.722	122.03	251.66	536.58			
9/28/99 1:45	1018.75	30.08	0.724	121.77	251.19	537.36			
9/28/99 2:00	1018.75	30.08	0.723	121.77	251.19	536.88	537.01		
9/28/99 2:15	1018.88	30.09	0.723	121.77	251.19	536.85			
9/28/99 2:30	1018.75	30.08	0.725	121.77	251.19	537.56			
9/28/99 2:45	1018.88	30.09	0.721	121.77	251.19	536.14			
9/28/99 3:00	1018.75	30.08	0.722	121.77	251.19	536.43	536.62		
9/28/99 3:15	1018.75	30.08	0.723	121.51	250.72	536.70			
9/28/99 3:30	1018.88	30.09	0.722	121.51	250.72	536.22			
9/28/99 3:45	1018.75	30.08	0.724	121.51	250.72	537.18			
9/28/99 4:00	1018.75	30.08	0.724	121.25	250.25	537.01	536.38		
9/28/99 4:15	1018.88	30.09	0.721	120.99	249.78	535.61			
9/28/99 4:30	1018.88	30.09	0.722	120.99	249.78	535.87			
9/28/99 4:45	1018.75	30.08	0.722	120.99	249.78	535.90			
9/28/99 5:00	1019.00	30.09	0.720	120.99	249.78	535.13	535.61		
9/28/99 5:15	1019.00	30.09	0.722	120.99	249.78	535.64			
9/28/99 5:30	1019.13	30.09	0.721	120.99	249.78	535.32			
9/28/99 5:45	1019.25	30.10	0.723	120.73	249.31	535.82			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/28/99 6:00	1019.38	30.10	0.723	120.99	249.78	535.96	535.77		
9/28/99 6:15	1019.63	30.11	0.723	120.99	249.78	536.12			
9/28/99 6:30	1019.75	30.11	0.722	120.99	249.78	535.64			
9/28/99 6:45	1019.88	30.12	0.722	120.99	249.78	535.61			
9/28/99 7:00	1020.00	30.12	0.724	120.99	249.78	536.24	535.90		
9/28/99 7:15	1020.25	30.13	0.724	120.99	249.78	536.17			
9/28/99 7:30	1020.38	30.13	0.722	121.51	250.72	535.83			
9/28/99 7:45	1020.50	30.14	0.724	121.51	250.72	538.72			
9/28/99 8:00	1020.50	30.14	0.723	121.77	251.19	536.20	538.40		
9/28/99 8:15	1020.50	30.14	0.725	121.77	251.19	537.12			
9/28/99 8:30	1020.63	30.14	0.722	122.03	251.66	536.12			
9/28/99 8:45	1020.50	30.14	0.723	122.56	252.60	536.73			
9/28/99 9:00	1020.50	30.14	0.726	122.56	252.60	537.88	537.25		
9/28/99 9:15	1020.50	30.14	0.723	122.82	253.07	537.13			
9/28/99 9:30	1020.50	30.14	0.726	123.34	254.01	538.41			
9/28/99 9:45	1020.63	30.14	0.723	123.86	254.95	537.80			
9/28/99 10:00	1020.63	30.14	0.724	124.13	255.43	538.20	538.62		
9/28/99 10:15	1020.63	30.14	0.726	124.65	256.37	539.28			
9/28/99 10:30	1020.63	30.14	0.726	124.91	256.84	539.44			
9/28/99 10:45	1020.63	30.14	0.726	125.17	257.31	539.84			
9/28/99 11:00	1020.38	30.13	0.726	125.43	257.78	539.86	540.01		
9/28/99 11:15	1020.13	30.12	0.725	125.95	258.72	540.06			
9/28/99 11:30	1020.13	30.12	0.726	126.48	259.66	540.86			
9/28/99 11:45	1020.00	30.12	0.726	126.74	260.13	540.84			
9/28/99 12:00	1019.88	30.12	0.726	127.26	261.07	541.23	541.10		
9/28/99 12:15	1019.88	30.12	0.725	127.52	261.54	541.18			
9/28/99 12:30	1019.75	30.11	0.725	127.78	262.01	541.39			
9/28/99 12:45	1019.63	30.11	0.728	128.04	262.48	542.78			
9/28/99 13:00	1019.38	30.10	0.728	128.04	262.48	542.82	542.30		
9/28/99 13:15	1019.25	30.10	0.728	128.31	262.95	543.03			
9/28/99 13:30	1019.38	30.10	0.725	127.78	262.01	541.49			
9/28/99 13:45	1019.25	30.10	0.726	127.26	261.07	541.62			
9/28/99 14:00	1018.88	30.09	0.724	127.28	261.07	541.05	541.71		
9/28/99 14:15	1018.75	30.08	0.727	127.00	260.60	541.84			
9/28/99 14:30	1018.63	30.08	0.729	127.00	260.60	542.54			
9/28/99 14:45	1018.50	30.08	0.726	127.00	260.80	541.84			
9/28/99 15:00	1018.25	30.07	0.726	126.74	260.13	541.31	541.50		
9/28/99 15:15	1018.00	30.06	0.725	127.00	260.60	541.33			
9/28/99 15:30	1017.88	30.06	0.724	126.74	260.13	540.70			
9/28/99 15:45	1017.75	30.05	0.726	126.74	260.13	541.44			
9/28/99 16:00	1017.63	30.05	0.726	125.95	258.72	541.17	540.45		
9/28/99 16:15	1017.50	30.05	0.723	125.69	258.25	539.64			
9/28/99 16:30	1017.38	30.04	0.722	125.43	257.78	539.28			
9/28/99 16:45	1017.38	30.04	0.723	125.17	257.31	539.55			
9/28/99 17:00	1017.38	30.04	0.723	125.43	257.78	539.72	539.57		
9/28/99 17:15	1017.25	30.04	0.722	125.43	257.78	539.31			
9/28/99 17:30	1017.25	30.04	0.724	125.43	257.78	539.98			
9/28/99 17:45	1017.38	30.04	0.720	125.43	257.78	538.57			
9/28/99 18:00	1017.50	30.05	0.722	125.69	258.25	539.42	539.03		
9/28/99 18:15	1017.50	30.05	0.722	125.17	257.31	539.07			
9/28/99 18:30	1017.38	30.04	0.721	124.13	255.43	538.13			
9/28/99 18:45	1017.25	30.04	0.723	123.34	254.01	538.34			
9/28/99 19:00	1017.38	30.04	0.725	123.60	254.48	539.19	538.30		
9/28/99 19:15	1017.63	30.05	0.721	123.08	253.54	537.38			
9/28/99 19:30	1017.63	30.05	0.724	123.34	254.01	538.46			
9/28/99 19:45	1017.63	30.05	0.724	123.08	253.54	538.29			
9/28/99 20:00	1017.63	30.05	0.723	122.82	253.07	537.66	537.86		
9/28/99 20:15	1017.63	30.05	0.722	122.82	253.07	537.44			
9/28/99 20:30	1017.75	30.05	0.723	122.56	252.60	537.45			
9/28/99 20:45	1017.75	30.05	0.723	122.30	252.13	537.50			
9/28/99 21:00	1017.88	30.06	0.721	122.30	252.13	538.54	537.45		
9/28/99 21:15	1017.88	30.06	0.724	122.56	252.60	538.13			
9/28/99 21:30	1017.88	30.06	0.723	122.56	252.60	537.84			
9/28/99 21:45	1017.75	30.05	0.724	122.56	252.60	537.90			
9/28/99 22:00	1017.50	30.05	0.720	122.82	253.07	536.77	537.60		
9/28/99 22:15	1017.50	30.05	0.723	122.82	253.07	537.70			
9/28/99 22:30	1017.38	30.04	0.724	122.56	252.60	538.00			
9/28/99 22:45	1017.25	30.04	0.720	122.56	252.60	536.65			
9/28/99 23:00	1017.13	30.04	0.721	122.56	252.60	537.13	537.26		
9/28/99 23:15	1016.88	30.03	0.721	122.30	252.13	537.02			
9/28/99 23:30	1016.88	30.03	0.723	122.30	252.13	537.51			
9/28/99 23:45	1016.88	30.03	0.722	121.77	251.19	536.93			
9/29/99 0:00	1016.75	30.02	0.721	121.25	250.25	536.12	536.30		
9/29/99 0:15	1016.63	30.02	0.717	121.25	250.25	534.78			
9/29/99 0:30	1016.63	30.02	0.721	121.25	250.25	536.16			
9/29/99 0:45	1016.63	30.02	0.721	121.25	250.25	536.16			
9/29/99 1:00	1016.50	30.02	0.718	121.25	250.25	535.03	535.78		
9/29/99 1:15	1016.38	30.01	0.719	120.99	249.78	535.60			
9/29/99 1:30	1016.13	30.01	0.721	120.73	249.31	535.93			
9/29/99 1:45	1016.00	30.00	0.717	120.47	248.84	534.41			
9/29/99 2:00	1015.88	30.00	0.718	120.73	249.31	535.07	535.21		
9/29/99 2:15	1015.75	30.00	0.717	120.99	249.78	534.83			
9/29/99 2:30	1015.63	29.99	0.719	120.99	249.78	535.80			
9/29/99 2:45	1015.50	29.99	0.718	120.99	249.78	535.34			
9/29/99 3:00	1015.50	29.99	0.717	120.99	249.78	534.90	535.33		
9/29/99 3:15	1015.38	29.98	0.718	120.99	249.78	535.38			
9/29/99 3:30	1015.25	29.98	0.718	120.73	249.31	535.23			
9/29/99 3:45	1015.00	29.97	0.721	120.99	249.78	536.41			
9/29/99 4:00	1014.88	29.97	0.718	120.73	249.31	534.88	535.70		
9/29/99 4:15	1014.88	29.97	0.720	121.51	250.72	536.57			
9/29/99 4:30	1015.00	29.97	0.718	121.25	250.25	535.85			
9/29/99 4:45	1014.88	29.97	0.717	121.51	250.72	535.42			
9/29/99 5:00	1014.63	29.96	0.716	121.51	250.72	535.26	535.23		
9/29/99 5:15	1014.63	29.96	0.716	120.99	249.78	534.64			
9/29/99 5:30	1014.63	29.96	0.716	120.73	249.31	535.17			
9/29/99 5:45	1014.50	29.96	0.718	120.21	248.37	534.14			
9/29/99 6:00	1014.50	29.96	0.713	120.21	248.37	532.98	533.91		
9/29/99 6:15	1014.38	29.95	0.714	119.88	247.43	533.11			
9/29/99 6:30	1014.13	29.95	0.716	119.68	247.43	534.15			
9/29/99 6:45	1014.13	29.95	0.716	119.94	247.90	534.06			
9/29/99 7:00	1014.00	29.94	0.713	119.88	247.43	532.78	533.23		
9/29/99 7:15	1013.75	29.94	0.714	119.16	246.49	532.92			
9/29/99 7:30	1013.75	29.94	0.712	119.16	246.49	532.25			
9/29/99 7:45	1013.75	29.94	0.714	119.42	246.96	533.38			
9/29/99 8:00	1013.88	29.94	0.714	119.94	247.90	533.86	533.58		
9/29/99 8:15	1013.88	29.94	0.718	120.21	248.37	535.02			
9/29/99 8:30	1013.75	29.94	0.713	120.47	248.84	533.58			
9/29/99 8:45	1013.50	29.93	0.716	120.47	248.84	534.58			
9/29/99 9:00	1013.25	29.92	0.714	120.99	249.78	534.58	534.43		
9/29/99 9:15	1013.13	29.92	0.714	121.51	250.72	534.68			
9/29/99 9:30	1012.88	29.91	0.714	121.51	250.72	534.75			
9/29/99 9:45	1013.00	29.91	0.713	121.25	250.25	534.31			
9/29/99 10:00	1012.88	29.91	0.718	121.51	250.72	536.17	534.90		
9/29/99 10:15	1012.75	29.91	0.713	121.77	251.19	534.51			
9/29/99 10:30	1012.63	29.90	0.713	121.77	251.19	534.78			
9/29/99 10:45	1012.50	29.90	0.715	122.03	251.66	535.69			
9/29/99 11:00	1012.13	29.89	0.714	122.03	251.66	535.30	535.29		
9/29/99 11:15	1011.75	29.88	0.715	121.77	251.19	535.71			
9/29/99 11:30	1011.75	29.88	0.713	121.77	251.19	535.00			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/29/99 11:45	1011.63	29.87	0.715	121.77	251.19	535.74			
9/29/99 12:00	1011.50	29.87	0.713	121.77	251.19	535.06	534.90		
9/29/99 12:15	1011.38	29.87	0.715	120.99	249.78	535.28			
9/29/99 12:30	1011.38	29.87	0.711	120.73	249.31	533.45			
9/29/99 12:45	1010.88	29.85	0.712	120.21	248.37	533.71			
9/29/99 13:00	1011.25	29.86	0.711	120.21	248.37	533.35	533.48		
9/29/99 13:15	1011.38	29.87	0.713	119.42	246.96	533.28			
9/29/99 13:30	1011.38	29.87	0.713	119.94	247.90	533.63			
9/29/99 13:45	1011.50	29.87	0.712	120.21	248.37	533.55			
9/29/99 14:00	1011.63	29.87	0.713	120.47	248.84	533.92	533.65		
9/29/99 14:15	1011.88	29.88	0.712	120.21	248.37	533.45			
9/29/99 14:30	1011.88	29.88	0.713	120.21	248.37	533.88			
9/29/99 14:45	1011.88	29.88	0.711	120.21	248.37	532.96			
9/29/99 15:00	1011.88	29.88	0.711	119.94	247.90	533.01	532.96		
9/29/99 15:15	1012.38	29.90	0.711	119.68	247.43	532.46			
9/29/99 15:30	1012.50	29.90	0.711	119.68	247.43	532.67			
9/29/99 15:45	1012.75	29.91	0.711	119.68	247.43	532.60			
9/29/99 16:00	1012.88	29.91	0.709	119.68	247.43	531.90	532.37		
9/29/99 16:15	1012.88	29.91	0.712	119.68	247.43	532.83			
9/29/99 16:30	1013.00	29.91	0.709	119.68	247.43	531.86			
9/29/99 16:45	1013.63	29.93	0.710	119.42	246.96	531.75			
9/29/99 17:00	1013.63	29.93	0.709	119.42	246.96	531.52	531.81		
9/29/99 17:15	1013.63	29.93	0.711	119.42	246.96	532.20			
9/29/99 17:30	1013.75	29.94	0.710	119.42	246.96	531.72			
9/29/99 17:45	1013.88	29.94	0.711	119.42	246.96	531.91			
9/29/99 18:00	1013.75	29.94	0.709	119.16	246.49	531.31	531.36		
9/29/99 18:15	1013.63	29.93	0.709	119.16	246.49	531.08			
9/29/99 18:30	1014.75	29.97	0.709	119.16	246.49	530.79			
9/29/99 18:45	1014.63	29.96	0.711	119.16	246.49	531.53			
9/29/99 19:00	1015.38	29.98	0.710	119.16	246.49	531.11	530.79		
9/29/99 19:15	1015.25	29.98	0.708	119.16	246.49	530.21			
9/29/99 19:30	1015.75	30.00	0.708	119.16	246.49	530.30			
9/29/99 19:45	1016.13	30.01	0.708	119.16	246.49	530.21			
9/29/99 20:00	1018.13	30.01	0.710	119.16	246.49	530.92	530.39		
9/29/99 20:15	1018.25	30.01	0.708	119.16	246.49	529.95			
9/29/99 20:30	1016.50	30.02	0.709	119.16	246.49	530.59			
9/29/99 20:45	1018.88	30.03	0.709	119.16	246.49	530.50			
9/29/99 21:00	1017.00	30.03	0.711	118.90	246.02	530.74	530.44		
9/29/99 21:15	1017.13	30.04	0.709	119.16	246.49	530.43			
9/29/99 21:30	1017.25	30.04	0.709	118.90	246.02	529.96			
9/29/99 21:45	1017.38	30.04	0.711	118.90	246.02	530.64			
9/29/99 22:00	1017.63	30.05	0.709	118.90	246.02	529.86	530.01		
9/29/99 22:15	1017.88	30.06	0.708	118.90	246.02	529.57			
9/29/99 22:30	1018.00	30.06	0.709	118.90	246.02	530.03			
9/29/99 22:45	1018.13	30.07	0.709	118.90	246.02	529.73			
9/29/99 23:00	1018.13	30.07	0.711	118.64	245.55	530.27	529.63		
9/29/99 23:15	1018.25	30.07	0.708	118.64	245.55	529.30			
9/29/99 23:30	1018.38	30.07	0.707	118.64	245.55	528.82			
9/29/99 23:45	1018.50	30.08	0.709	118.64	245.55	529.72			
9/30/99 0:00	1018.38	30.07	0.708	118.38	245.08	528.87	529.01		
9/30/99 0:15	1018.50	30.08	0.708	118.38	245.08	529.06			
9/30/99 0:30	1018.63	30.08	0.707	118.38	245.08	528.58			
9/30/99 0:45	1018.63	30.08	0.709	118.38	245.08	529.51			
9/30/99 1:00	1018.63	30.08	0.711	118.38	245.08	530.18	529.15		
9/30/99 1:15	1018.63	30.08	0.708	118.38	245.08	528.80			
9/30/99 1:30	1018.50	30.08	0.708	118.12	244.61	528.66			
9/30/99 1:45	1018.63	30.08	0.709	118.12	244.61	529.33			
9/30/99 2:00	1018.75	30.08	0.708	118.12	244.61	528.59	528.78		
9/30/99 2:15	1018.63	30.08	0.708	117.85	244.14	528.67			
9/30/99 2:30	1018.75	30.08	0.708	117.85	244.14	528.64			
9/30/99 2:45	1019.00	30.09	0.708	117.85	244.14	528.58			
9/30/99 3:00	1018.88	30.09	0.709	117.85	244.14	529.09	528.73		
9/30/99 3:15	1018.75	30.08	0.708	117.85	244.14	528.42			
9/30/99 3:30	1018.50	30.08	0.709	117.85	244.14	528.93			
9/30/99 3:45	1018.50	30.08	0.710	117.85	244.14	529.41			
9/30/99 4:00	1018.50	30.08	0.708	117.85	244.14	528.46	528.82		
9/30/99 4:15	1018.63	30.08	0.709	117.59	243.67	528.72			
9/30/99 4:30	1018.63	30.08	0.709	117.33	243.20	528.54			
9/30/99 4:45	1018.75	30.08	0.708	117.07	242.73	527.89			
9/30/99 5:00	1018.75	30.08	0.707	116.81	242.26	527.49	527.52		
9/30/99 5:15	1018.75	30.08	0.706	116.55	241.79	527.05			
9/30/99 5:30	1018.88	30.09	0.706	116.29	241.32	526.62			
9/30/99 5:45	1018.88	30.09	0.707	116.29	241.32	527.10			
9/30/99 6:00	1019.00	30.09	0.709	116.29	241.32	527.74	527.23		
9/30/99 6:15	1019.13	30.09	0.707	116.29	241.32	527.04			
9/30/99 6:30	1019.25	30.10	0.709	116.29	241.32	527.67			
9/30/99 6:45	1019.25	30.10	0.711	116.29	241.32	528.38			
9/30/99 7:00	1019.38	30.10	0.708	116.29	241.32	527.42	527.84		
9/30/99 7:15	1019.50	30.11	0.709	116.29	241.32	527.61			
9/30/99 7:30	1019.63	30.11	0.711	116.02	240.84	528.11			
9/30/99 7:45	1019.88	30.12	0.711	116.29	241.32	528.22			
9/30/99 8:00	1019.88	30.12	0.706	116.55	241.79	526.76	528.00		
9/30/99 8:15	1020.00	30.12	0.710	116.81	242.26	528.32			
9/30/99 8:30	1020.25	30.13	0.710	117.33	243.20	528.61			
9/30/99 8:45	1020.25	30.13	0.709	117.85	244.14	528.74			
9/30/99 9:00	1020.38	30.13	0.708	117.85	244.14	528.22	528.72		
9/30/99 9:15	1020.25	30.13	0.708	118.38	245.08	526.60			
9/30/99 9:30	1020.25	30.13	0.709	118.90	246.02	529.44			
9/30/99 9:45	1020.00	30.12	0.747	117.59	243.87	542.42			
9/30/99 10:00	1020.13	30.12	0.708	119.68	247.43	529.29	532.31		
9/30/99 10:15	1020.25	30.13	0.709	120.21	248.37	530.32			
9/30/99 10:30	1020.13	30.12	0.709	120.21	248.37	530.09			
9/30/99 10:45	1020.00	30.12	0.711	120.21	248.37	531.06			
9/30/99 11:00	1019.75	30.11	0.710	120.73	249.31	531.03	531.30		
9/30/99 11:15	1019.75	30.11	0.713	120.99	249.78	532.14			
9/30/99 11:30	1019.63	30.11	0.713	120.99	249.78	532.17			
9/30/99 11:45	1019.75	30.11	0.713	121.51	250.72	532.72			
9/30/99 12:00	1019.63	30.11	0.713	121.77	251.19	532.93	533.04		
9/30/99 12:15	1019.38	30.10	0.714	121.77	251.19	533.48			
9/30/99 12:30	1019.25	30.10	0.715	122.03	251.66	533.91			
9/30/99 12:45	1019.25	30.10	0.713	122.03	251.66	532.98			
9/30/99 13:00	1019.00	30.09	0.715	122.30	252.13	534.15	533.80		
9/30/99 13:15	1019.00	30.09	0.712	122.56	252.60	533.17			
9/30/99 13:30	1018.75	30.08	0.716	122.82	253.07	534.79			
9/30/99 13:45	1018.63	30.08	0.714	123.08	253.54	534.29			
9/30/99 14:00	1018.50	30.08	0.716	123.08	253.54	535.30	535.07		
9/30/99 14:15	1018.25	30.07	0.717	123.08	253.54	535.59			
9/30/99 14:30	1018.13	30.07	0.716	123.08	253.54	535.40			
9/30/99 14:45	1017.88	30.06	0.719	123.08	253.54	536.82			
9/30/99 15:00	1017.88	30.06	0.719	123.60	254.48	536.75	536.38		
9/30/99 15:15	1017.75	30.05	0.719	123.60	254.48	536.78			
9/30/99 15:30	1017.63	30.05	0.718	123.60	254.48	536.33			
9/30/99 15:45	1017.50	30.05	0.719	123.88	254.95	537.25			
9/30/99 16:00	1017.25	30.04	0.719	123.60	254.48	537.14	537.00		
9/30/99 16:15	1017.25	30.04	0.716	124.65	256.37	537.13			
9/30/99 16:30	1017.13	30.04	0.718	124.65	256.37	537.17			
9/30/99 16:45	1017.00	30.03	0.720	123.88	254.95	537.81			
9/30/99 17:00	1017.13	30.04	0.716	123.60	254.48	536.01	536.65		
9/30/99 17:15	1017.13	30.04	0.719	123.08	253.54	536.59			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
9/30/99 17:30	1017.13	30.04	0.717	123.08	253.54	535.88			
9/30/99 17:45	1017.00	30.03	0.717	122.82	253.07	535.74			
9/30/99 18:00	1017.13	30.04	0.719	122.56	252.60	536.24	535.69		
9/30/99 18:15	1017.00	30.03	0.717	122.30	252.13	535.39			
9/30/99 18:30	1017.00	30.03	0.717	122.03	251.66	535.21			
9/30/99 18:45	1017.00	30.03	0.718	121.77	251.19	535.48			
9/30/99 19:00	1017.13	30.04	0.716	121.25	250.25	534.16	534.40		
9/30/99 19:15	1017.00	30.03	0.716	120.73	249.31	534.10			
9/30/99 19:30	1017.00	30.03	0.714	120.21	248.37	533.04			
9/30/99 19:45	1017.00	30.03	0.714	119.94	247.90	532.88			
9/30/99 20:00	1017.13	30.04	0.713	119.42	246.96	531.77	532.28		
9/30/99 20:15	1017.25	30.04	0.715	118.90	246.02	532.31			
9/30/99 20:30	1017.38	30.04	0.714	118.38	245.08	531.44			
9/30/99 20:45	1017.38	30.04	0.711	118.12	244.61	530.11			
9/30/99 21:00	1017.38	30.04	0.712	117.85	244.14	530.42	530.69		
9/30/99 21:15	1017.38	30.04	0.714	117.85	244.14	531.09			
9/30/99 21:30	1017.50	30.05	0.712	117.85	244.14	530.38			
9/30/99 21:45	1017.50	30.05	0.713	117.59	243.67	530.43			
9/30/99 22:00	1017.50	30.05	0.711	117.59	243.67	529.94	530.24		
9/30/99 22:15	1017.50	30.05	0.713	117.59	243.67	530.65			
9/30/99 22:30	1017.50	30.05	0.711	117.33	243.20	529.77			
9/30/99 22:45	1017.63	30.05	0.714	117.33	243.20	530.93			
9/30/99 23:00	1017.63	30.05	0.714	117.33	243.20	530.67	530.07		
9/30/99 23:15	1017.50	30.05	0.712	117.07	242.73	529.85			
9/30/99 23:30	1017.63	30.05	0.711	116.81	242.26	529.16			
9/30/99 23:45	1017.50	30.05	0.711	116.81	242.26	529.41			
10/1/99 0:00	1017.50	30.05	0.711	116.61	242.26	529.41	529.15		
10/1/99 0:15	1017.50	30.05	0.709	116.81	242.26	528.74			
10/1/99 0:30	1017.38	30.04	0.711	116.55	241.79	529.04			
10/1/99 0:45	1017.38	30.04	0.710	116.55	241.79	528.82			
10/1/99 1:00	1017.25	30.04	0.708	116.55	241.79	528.15	528.65		
10/1/99 1:15	1017.25	30.04	0.710	116.55	241.79	528.85			
10/1/99 1:30	1017.25	30.04	0.709	116.55	241.79	528.37			
10/1/99 1:45	1017.13	30.04	0.710	116.29	241.32	528.71			
10/1/99 2:00	1017.13	30.04	0.708	116.29	241.32	527.78	528.10		
10/1/99 2:15	1017.13	30.04	0.708	116.02	240.84	527.60			
10/1/99 2:30	1017.13	30.04	0.709	116.02	240.84	528.05			
10/1/99 2:45	1017.00	30.03	0.710	116.02	240.84	528.56			
10/1/99 3:00	1016.88	30.03	0.709	116.29	241.32	528.55	528.33		
10/1/99 3:15	1016.88	30.03	0.709	116.02	240.84	528.11			
10/1/99 3:30	1016.88	30.03	0.709	116.02	240.84	528.37			
10/1/99 3:45	1016.88	30.03	0.706	116.02	240.84	527.18			
10/1/99 4:00	1016.88	30.03	0.707	116.02	240.84	527.44	527.91		
10/1/99 4:15	1016.75	30.02	0.708	116.02	240.84	527.92			
10/1/99 4:30	1016.75	30.02	0.710	116.02	240.84	528.83			
10/1/99 4:45	1016.88	30.03	0.708	116.02	240.84	527.89			
10/1/99 5:00	1016.88	30.03	0.708	116.02	240.84	527.89	527.84		
10/1/99 5:15	1017.00	30.03	0.706	116.02	240.84	526.92			
10/1/99 5:30	1017.00	30.03	0.708	116.02	240.84	527.86			
10/1/99 5:45	1017.00	30.03	0.711	116.02	240.84	528.79			
10/1/99 6:00	1017.13	30.04	0.711	116.02	240.84	528.98	528.33		
10/1/99 6:15	1017.25	30.04	0.709	116.02	240.84	528.02			
10/1/99 6:30	1017.25	30.04	0.709	116.02	240.84	528.02			
10/1/99 6:45	1017.50	30.05	0.709	116.02	240.84	527.95			
10/1/99 7:00	1017.88	30.06	0.709	116.02	240.84	528.11	527.92		
10/1/99 7:15	1018.00	30.06	0.709	116.02	240.84	528.08			
10/1/99 7:30	1018.00	30.06	0.708	115.76	240.37	527.42			
10/1/99 7:45	1018.25	30.07	0.709	115.76	240.37	527.58			
10/1/99 8:00	1018.25	30.07	0.707	115.50	239.90	526.73	527.28		
10/1/99 8:15	1018.38	30.07	0.707	115.76	240.37	526.88			
10/1/99 8:30	1018.50	30.08	0.709	116.02	240.84	527.69			
10/1/99 8:45	1018.50	30.08	0.709	116.55	241.79	528.31			
10/1/99 9:00	1018.63	30.08	0.713	116.81	242.26	529.60	528.91		
10/1/99 9:15	1018.75	30.08	0.711	117.59	243.67	529.40			
10/1/99 9:30	1018.88	30.09	0.711	117.85	244.14	529.54			
10/1/99 9:45	1018.88	30.09	0.710	118.12	244.61	529.49			
10/1/99 10:00	1018.88	30.09	0.708	118.90	246.02	529.31	530.04		
10/1/99 10:15	1019.00	30.09	0.712	119.16	246.49	530.88			
10/1/99 10:30	1018.88	30.09	0.711	119.88	247.43	531.00			
10/1/99 10:45	1018.88	30.09	0.709	119.94	247.90	530.50			
10/1/99 11:00	1018.88	30.09	0.713	120.47	248.84	532.24	531.68		
10/1/99 11:15	1018.88	30.09	0.713	120.99	249.78	532.37			
10/1/99 11:30	1018.75	30.08	0.711	121.51	250.72	532.27			
10/1/99 11:45	1018.63	30.08	0.716	121.77	251.19	534.12			
10/1/99 12:00	1018.63	30.08	0.714	122.30	252.13	533.76	533.56		
10/1/99 12:15	1018.50	30.08	0.712	122.56	252.60	533.30			
10/1/99 12:30	1018.50	30.08	0.714	123.08	253.54	534.33			
10/1/99 12:45	1018.38	30.07	0.714	123.08	253.54	534.36			
10/1/99 13:00	1018.25	30.07	0.714	123.34	254.01	534.57	534.70		
10/1/99 13:15	1018.13	30.07	0.714	123.60	254.48	534.78			
10/1/99 13:30	1017.88	30.06	0.714	124.13	255.43	535.46			
10/1/99 13:45	1017.75	30.05	0.712	124.13	255.43	534.55			
10/1/99 14:00	1017.75	30.05	0.715	124.39	255.90	535.89	535.56		
10/1/99 14:15	1017.50	30.05	0.714	124.91	256.84	535.82			
10/1/99 14:30	1017.50	30.05	0.714	124.91	256.84	536.08			
10/1/99 14:45	1017.38	30.04	0.714	125.17	257.31	536.03			
10/1/99 15:00	1017.25	30.04	0.716	125.17	257.31	536.77	536.90		
10/1/99 15:15	1017.25	30.04	0.718	125.17	257.31	537.71			
10/1/99 15:30	1017.25	30.04	0.716	125.43	257.78	537.69			
10/1/99 15:45	1017.00	30.03	0.718	125.17	257.31	537.55			
10/1/99 16:00	1017.00	30.03	0.717	125.43	257.78	537.50	537.73		
10/1/99 16:15	1017.00	30.03	0.716	125.43	257.78	537.28			
10/1/99 16:30	1017.00	30.03	0.719	125.43	257.78	538.44			
10/1/99 16:45	1017.00	30.03	0.717	125.43	257.78	537.50			
10/1/99 17:00	1017.00	30.03	0.721	125.17	257.31	538.94	537.83		
10/1/99 17:15	1017.13	30.04	0.719	124.91	256.84	537.83			
10/1/99 17:30	1017.13	30.04	0.716	124.65	256.37	536.46			
10/1/99 17:45	1017.25	30.04	0.718	124.39	255.90	536.96			
10/1/99 18:00	1017.38	30.04	0.717	124.39	255.90	538.70	537.04		
10/1/99 18:15	1017.50	30.05	0.719	124.13	255.43	537.43			
10/1/99 18:30	1017.63	30.05	0.721	123.88	254.95	537.68			
10/1/99 18:45	1017.50	30.05	0.719	123.60	254.48	536.85			
10/1/99 19:00	1017.63	30.05	0.718	123.08	253.54	536.20	536.13		
10/1/99 19:15	1017.75	30.05	0.716	122.56	252.60	535.14			
10/1/99 19:30	1017.88	30.06	0.717	121.77	251.19	534.80			
10/1/99 19:45	1017.88	30.06	0.718	121.25	250.25	533.98			
10/1/99 20:00	1018.13	30.07	0.717	120.47	248.84	533.85	533.41		
10/1/99 20:15	1018.13	30.07	0.715	119.94	247.90	532.79			
10/1/99 20:30	1018.25	30.07	0.713	119.68	247.43	531.85			
10/1/99 20:45	1018.25	30.07	0.714	119.18	246.49	531.74			
10/1/99 21:00	1018.38	30.07	0.712	119.16	246.49	531.04	531.35		
10/1/99 21:15	1018.38	30.07	0.712	118.64	245.55	530.69			
10/1/99 21:30	1018.50	30.08	0.715	118.38	245.08	531.63			
10/1/99 21:45	1018.63	30.08	0.711	118.38	245.08	530.18			
10/1/99 22:00	1018.75	30.08	0.713	118.38	245.08	530.88	530.69		
10/1/99 22:15	1018.88	30.09	0.712	118.38	245.08	530.38			
10/1/99 22:30	1018.88	30.09	0.713	118.12	244.61	530.42			
10/1/99 22:45	1018.88	30.09	0.714	118.12	244.61	530.87			
10/1/99 23:00	1018.88	30.09	0.714	118.38	245.08	531.31	530.69		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/1/99 23:15	1018.75	30.08	0.713	118.12	244.61	530.46			
10/1/99 23:30	1018.75	30.08	0.712	118.38	245.08	530.41			
10/1/99 23:45	1018.88	30.09	0.711	118.38	245.08	529.89			
10/2/99 0:00	1018.88	30.09	0.713	118.38	245.08	530.60	530.22		
10/2/99 0:15	1019.00	30.09	0.712	118.38	245.08	530.35			
10/2/99 0:30	1019.00	30.09	0.711	118.38	245.08	529.86			
10/2/99 0:45	1019.00	30.09	0.711	117.85	244.14	529.73			
10/2/99 1:00	1018.88	30.09	0.712	118.12	244.61	530.20	529.91		
10/2/99 1:15	1018.63	30.08	0.709	118.12	244.61	529.07			
10/2/99 1:30	1016.63	30.08	0.713	118.38	245.08	530.67			
10/2/99 1:45	1018.63	30.08	0.709	118.38	245.08	529.51			
10/2/99 2:00	1018.63	30.08	0.711	118.38	245.08	529.98	529.67		
10/2/99 2:15	1018.75	30.08	0.708	118.38	245.08	528.99			
10/2/99 2:30	1018.75	30.08	0.709	118.38	245.08	529.22			
10/2/99 2:45	1018.75	30.08	0.711	118.12	244.61	529.75			
10/2/99 3:00	1018.63	30.08	0.709	117.85	244.14	529.16	529.51		
10/2/99 3:15	1018.38	30.07	0.709	117.85	244.14	529.22			
10/2/99 3:30	1018.25	30.07	0.712	117.85	244.14	530.19			
10/2/99 3:45	1018.13	30.07	0.709	117.85	244.14	529.03			
10/2/99 4:00	1018.00	30.06	0.707	117.59	243.67	528.21	528.89		
10/2/99 4:15	1017.88	30.06	0.709	117.33	243.20	528.74			
10/2/99 4:30	1017.88	30.06	0.708	117.33	243.20	528.29			
10/2/99 4:45	1017.88	30.06	0.709	117.07	242.73	528.56			
10/2/99 5:00	1018.00	30.06	0.708	116.81	242.26	528.13	527.95		
10/2/99 5:15	1018.25	30.07	0.708	116.55	241.79	528.95			
10/2/99 5:30	1018.50	30.08	0.708	116.55	241.79	527.82			
10/2/99 5:45	1018.63	30.08	0.705	116.55	241.79	526.63			
10/2/99 6:00	1018.75	30.08	0.708	116.29	241.32	527.38	527.40		
10/2/99 6:15	1018.75	30.08	0.709	116.29	241.32	528.06			
10/2/99 6:30	1018.88	30.09	0.707	116.29	241.32	527.10			
10/2/99 6:45	1018.88	30.09	0.708	116.02	240.84	527.37			
10/2/99 7:00	1018.88	30.09	0.709	116.02	240.84	527.85	527.14		
10/2/99 7:15	1018.88	30.09	0.706	116.02	240.84	526.44			
10/2/99 7:30	1018.88	30.09	0.707	116.02	240.84	526.92			
10/2/99 7:45	1018.88	30.09	0.707	116.02	240.84	526.92			
10/2/99 8:00	1018.88	30.09	0.708	116.02	240.84	527.37	527.00		
10/2/99 8:15	1018.88	30.09	0.708	116.02	240.84	527.15			
10/2/99 8:30	1018.75	30.08	0.706	116.29	241.32	526.65			
10/2/99 8:45	1018.75	30.08	0.706	117.07	242.73	527.40			
10/2/99 9:00	1018.75	30.08	0.710	117.59	243.67	529.17	528.31		
10/2/99 9:15	1018.75	30.08	0.709	117.85	244.14	528.86			
10/2/99 9:30	1018.75	30.08	0.709	118.38	245.08	529.48			
10/2/99 9:45	1018.63	30.08	0.710	119.16	246.49	530.26			
10/2/99 10:00	1018.63	30.08	0.709	119.68	247.43	530.13	530.54		
10/2/99 10:15	1018.50	30.08	0.711	120.21	248.37	531.23			
10/2/99 10:30	1018.50	30.08	0.711	120.73	249.31	531.58			
10/2/99 10:45	1018.50	30.08	0.710	121.51	250.72	531.88			
10/2/99 11:00	1018.50	30.08	0.711	122.03	251.66	532.46	532.29		
10/2/99 11:15	1018.25	30.07	0.709	122.56	252.60	532.43			
10/2/99 11:30	1018.13	30.07	0.711	122.82	253.07	533.09			
10/2/99 11:45	1018.13	30.07	0.711	123.08	253.54	533.26			
10/2/99 12:00	1018.00	30.06	0.711	123.34	254.01	533.70	533.98		
10/2/99 12:15	1017.88	30.06	0.712	123.60	254.48	534.17			
10/2/99 12:30	1017.75	30.05	0.715	124.13	255.43	535.71			
10/2/99 12:45	1017.75	30.05	0.709	124.39	255.90	533.79			
10/2/99 13:00	1017.63	30.05	0.709	124.91	256.84	533.91	534.45		
10/2/99 13:15	1017.50	30.05	0.709	124.91	256.84	534.20			
10/2/99 13:30	1017.38	30.04	0.710	125.17	257.31	534.64			
10/2/99 13:45	1017.25	30.04	0.710	125.17	257.31	534.87			
10/2/99 14:00	1017.13	30.04	0.713	125.69	258.25	535.99	535.96		
10/2/99 14:15	1017.13	30.04	0.716	125.95	258.72	537.34			
10/2/99 14:30	1017.00	30.03	0.715	125.95	258.72	537.14			
10/2/99 14:45	1016.88	30.03	0.716	126.22	259.19	537.84			
10/2/99 15:00	1017.00	30.03	0.713	126.48	259.66	536.55	537.04		
10/2/99 15:15	1016.88	30.03	0.712	127.00	260.60	536.71			
10/2/99 15:30	1016.88	30.03	0.713	127.00	260.60	536.94			
10/2/99 15:45	1017.00	30.03	0.712	127.00	260.60	536.88			
10/2/99 16:00	1017.00	30.03	0.716	126.74	260.13	538.16	537.49		
10/2/99 16:15	1017.00	30.03	0.715	126.48	259.66	537.49			
10/2/99 16:30	1017.00	30.03	0.716	126.74	260.13	538.16			
10/2/99 16:45	1017.00	30.03	0.718	127.00	260.60	538.78			
10/2/99 17:00	1017.13	30.04	0.718	126.48	259.66	538.40	538.20		
10/2/99 17:15	1017.38	30.04	0.718	126.22	259.19	538.16			
10/2/99 17:30	1017.50	30.05	0.716	125.95	258.72	537.50			
10/2/99 17:45	1017.63	30.05	0.718	125.69	258.25	537.74			
10/2/99 18:00	1017.88	30.06	0.718	125.43	257.78	537.50	537.69		
10/2/99 18:15	1017.88	30.06	0.719	125.43	257.78	537.98			
10/2/99 18:30	1018.13	30.07	0.719	125.17	257.31	537.74			
10/2/99 18:45	1018.38	30.07	0.718	124.91	256.84	537.24			
10/2/99 19:00	1018.63	30.08	0.717	124.39	255.90	536.37	536.46		
10/2/99 19:15	1018.88	30.09	0.715	124.39	255.90	535.59			
10/2/99 19:30	1019.25	30.10	0.716	123.86	254.95	535.37			
10/2/99 19:45	1019.25	30.10	0.721	123.34	254.01	536.88			
10/2/99 20:00	1019.63	30.11	0.714	123.06	253.54	534.29	535.16		
10/2/99 20:15	1019.88	30.12	0.716	122.82	253.07	534.50			
10/2/99 20:30	1020.13	30.12	0.717	122.56	252.60	534.74			
10/2/99 20:45	1020.38	30.13	0.718	122.56	252.60	534.90			
10/2/99 21:00	1020.75	30.14	0.716	122.03	251.66	533.74	533.82		
10/2/99 21:15	1021.00	30.15	0.712	122.03	251.66	532.29			
10/2/99 21:30	1021.38	30.16	0.716	121.77	251.19	533.40			
10/2/99 21:45	1021.63	30.17	0.717	121.51	250.72	533.64			
10/2/99 22:00	1022.00	30.18	0.714	120.99	249.78	532.26	532.49		
10/2/99 22:15	1022.25	30.19	0.714	120.99	249.78	531.94			
10/2/99 22:30	1022.75	30.20	0.713	120.73	249.31	531.18			
10/2/99 22:45	1022.63	30.20	0.711	120.21	248.37	530.38			
10/2/99 23:00	1022.88	30.21	0.712	119.94	247.90	530.40	530.78		
10/2/99 23:15	1023.25	30.22	0.714	119.68	247.43	531.06			
10/2/99 23:30	1023.00	30.21	0.714	119.68	247.43	530.86			
10/2/99 23:45	1023.13	30.21	0.712	119.42	246.96	529.98			
10/3/99 0:00	1023.38	30.22	0.713	119.16	246.49	530.19	530.55		
10/3/99 0:15	1023.36	30.22	0.716	119.16	246.49	531.37			
10/3/99 0:30	1023.63	30.23	0.714	119.16	246.49	530.34			
10/3/99 0:45	1023.75	30.23	0.717	119.16	246.49	531.50			
10/3/99 1:00	1023.75	30.23	0.718	118.90	246.02	531.55	531.41		
10/3/99 1:15	1023.75	30.23	0.718	119.16	246.49	531.02			
10/3/99 1:30	1024.00	30.24	0.721	118.90	246.02	532.83			
10/3/99 1:45	1024.13	30.24	0.716	119.16	246.49	531.85			
10/3/99 2:00	1024.25	30.25	0.720	118.90	246.02	532.34	532.15		
10/3/99 2:15	1024.25	30.25	0.718	119.16	246.49	531.59			
10/3/99 2:30	1024.13	30.24	0.719	119.16	246.49	532.33			
10/3/99 2:45	1024.13	30.24	0.716	119.16	246.49	531.18			
10/3/99 3:00	1024.13	30.24	0.716	119.16	246.49	531.62	531.89		
10/3/99 3:15	1024.25	30.25	0.721	119.16	246.49	532.74			
10/3/99 3:30	1024.38	30.25	0.718	119.16	246.49	531.56			
10/3/99 3:45	1024.50	30.25	0.721	119.16	246.49	532.67			
10/3/99 4:00	1024.38	30.25	0.717	119.16	246.49	531.34	531.67		
10/3/99 4:15	1024.50	30.25	0.716	119.16	246.49	530.82			
10/3/99 4:30	1024.75	30.26	0.719	119.16	246.49	531.94			
10/3/99 4:45	1024.88	30.26	0.717	119.16	246.49	531.21			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/3/99 5:00	1025.00	30.27	0.718	119.16	246.49	531.40	531.41		
10/3/99 5:15	1025.25	30.28	0.718	118.90	246.02	531.38			
10/3/99 5:30	1025.25	30.28	0.717	119.16	246.49	531.11			
10/3/99 5:45	1025.38	30.28	0.718	119.16	246.49	531.30			
10/3/99 6:00	1025.36	30.28	0.718	118.90	246.02	531.12	530.96		
10/3/99 6:15	1025.63	30.29	0.716	118.90	246.02	530.36			
10/3/99 6:30	1025.75	30.29	0.716	118.90	246.02	531.03			
10/3/99 6:45	1026.00	30.30	0.719	118.90	246.02	531.66			
10/3/99 7:00	1025.88	30.29	0.716	118.64	245.55	530.37	530.83		
10/3/99 7:15	1025.75	30.29	0.716	118.38	245.08	530.23			
10/3/99 7:30	1025.75	30.29	0.718	118.64	245.55	530.85			
10/3/99 7:45	1026.00	30.30	0.718	118.38	245.08	530.83			
10/3/99 8:00	1026.25	30.31	0.718	118.36	245.08	530.77	530.53		
10/3/99 8:15	1026.25	30.31	0.717	118.38	245.08	530.32			
10/3/99 8:30	1026.13	30.30	0.716	118.38	245.08	529.87			
10/3/99 8:45	1026.00	30.30	0.718	118.90	246.02	530.96			
10/3/99 9:00	1026.25	30.31	0.718	118.90	246.02	531.12	530.87		
10/3/99 9:15	1026.38	30.31	0.718	118.90	246.02	531.09			
10/3/99 9:30	1026.25	30.31	0.718	119.16	246.49	531.30			
10/3/99 9:45	1026.00	30.30	0.718	119.16	246.49	531.14			
10/3/99 10:00	1026.00	30.30	0.719	119.42	246.96	531.80	531.74		
10/3/99 10:15	1026.13	30.30	0.720	119.42	246.96	532.21			
10/3/99 10:30	1026.00	30.30	0.720	119.42	246.96	532.24			
10/3/99 10:45	1026.00	30.30	0.720	119.68	247.43	532.42			
10/3/99 11:00	1025.75	30.29	0.718	119.94	247.90	531.96	532.17		
10/3/99 11:15	1025.63	30.29	0.719	119.94	247.90	532.47			
10/3/99 11:30	1025.38	30.28	0.717	120.21	248.37	531.79			
10/3/99 11:45	1025.25	30.28	0.717	120.73	249.31	532.17			
10/3/99 12:00	1024.88	30.26	0.719	120.99	249.78	533.37	532.71		
10/3/99 12:15	1024.63	30.26	0.716	121.51	250.72	532.64			
10/3/99 12:30	1024.25	30.25	0.718	121.77	251.19	533.58			
10/3/99 12:45	1023.88	30.23	0.718	122.03	251.66	533.86			
10/3/99 13:00	1023.50	30.22	0.719	122.56	252.60	534.57	534.34		
10/3/99 13:15	1023.13	30.21	0.719	122.82	253.07	535.06			
10/3/99 13:30	1022.75	30.20	0.718	123.08	253.54	534.63			
10/3/99 13:45	1022.50	30.19	0.718	123.34	254.01	535.10			
10/3/99 14:00	1022.00	30.18	0.719	123.60	254.48	535.89	535.62		
10/3/99 14:15	1021.50	30.18	0.719	123.86	254.95	535.97			
10/3/99 14:30	1021.00	30.15	0.719	124.13	255.43	536.50			
10/3/99 14:45	1020.75	30.14	0.717	124.39	255.90	535.81			
10/3/99 15:00	1020.50	30.14	0.718	124.85	256.37	535.83	536.09		
10/3/99 15:15	1020.25	30.13	0.716	124.65	256.37	535.90			
10/3/99 15:30	1019.88	30.12	0.717	124.91	256.84	536.39			
10/3/99 15:45	1019.75	30.11	0.716	124.91	256.84	535.94			
10/3/99 16:00	1019.50	30.11	0.717	124.91	256.84	536.49	536.59		
10/3/99 16:15	1019.25	30.10	0.718	124.91	256.84	536.78			
10/3/99 16:30	1019.00	30.09	0.719	124.91	256.84	537.33			
10/3/99 16:45	1018.63	30.08	0.716	124.91	256.84	536.50			
10/3/99 17:00	1018.38	30.07	0.719	124.91	256.84	537.50	537.17		
10/3/99 17:15	1018.13	30.07	0.718	124.91	256.84	537.08			
10/3/99 17:30	1017.88	30.06	0.719	124.65	256.37	537.46			
10/3/99 17:45	1017.75	30.05	0.718	124.65	256.37	537.23			
10/3/99 18:00	1017.63	30.05	0.718	124.85	256.37	537.04	536.91		
10/3/99 18:15	1017.63	30.05	0.715	124.39	255.90	535.92			
10/3/99 18:30	1017.50	30.05	0.718	124.39	255.90	536.89			
10/3/99 18:45	1017.38	30.04	0.717	124.39	255.90	536.70			
10/3/99 19:00	1017.00	30.03	0.715	124.13	255.43	535.91	535.74		
10/3/99 19:15	1017.00	30.03	0.713	123.34	254.01	534.67			
10/3/99 19:30	1016.88	30.03	0.713	123.08	253.54	534.53			
10/3/99 19:45	1016.75	30.02	0.713	122.82	253.07	534.38			
10/3/99 20:00	1016.75	30.02	0.711	122.56	252.60	533.50	534.04		
10/3/99 20:15	1016.63	30.02	0.714	122.56	252.60	534.47			
10/3/99 20:30	1016.63	30.02	0.711	122.56	252.60	533.30			
10/3/99 20:45	1016.50	30.02	0.711	122.30	252.13	533.16			
10/3/99 21:00	1016.25	30.01	0.710	122.03	251.66	532.82	533.26		
10/3/99 21:15	1016.13	30.01	0.711	122.03	251.66	533.08			
10/3/99 21:30	1016.25	30.01	0.713	122.30	252.13	533.94			
10/3/99 21:45	1017.25	30.04	0.712	122.56	252.60	533.63			
10/3/99 22:00	1018.88	30.09	0.713	121.51	250.72	532.95	532.88		
10/3/99 22:15	1019.63	30.11	0.714	120.47	248.84	532.53			
10/3/99 22:30	1020.13	30.12	0.713	119.68	247.43	531.38			
10/3/99 22:45	1020.13	30.12	0.711	119.42	246.96	530.28			
10/3/99 23:00	1019.75	30.11	0.712	119.16	246.49	530.68	530.73		
10/3/99 23:15	1019.13	30.09	0.711	119.16	246.49	530.36			
10/3/99 23:30	1018.75	30.08	0.712	119.16	246.49	530.94			
10/3/99 23:45	1018.13	30.07	0.710	118.90	246.02	530.22			
10/4/99 0:00	1018.13	30.07	0.710	119.16	246.49	530.40	530.46		
10/4/99 0:15	1018.00	30.06	0.709	119.16	246.49	529.94			
10/4/99 0:30	1018.25	30.07	0.711	119.16	246.49	530.81			
10/4/99 0:45	1018.36	30.07	0.710	119.16	246.49	530.33			
10/4/99 1:00	1018.63	30.08	0.710	119.16	246.49	530.26	530.18		
10/4/99 1:15	1016.36	30.07	0.708	119.16	246.49	529.62			
10/4/99 1:30	1018.25	30.07	0.709	119.16	246.49	529.88			
10/4/99 1:45	1018.13	30.07	0.710	119.16	246.49	530.40			
10/4/99 2:00	1016.25	30.07	0.708	119.16	246.49	529.65	529.86		
10/4/99 2:15	1018.00	30.06	0.708	119.16	246.49	529.72			
10/4/99 2:30	1017.88	30.06	0.708	119.16	246.49	529.75			
10/4/99 2:45	1018.13	30.07	0.709	119.16	246.49	529.91			
10/4/99 3:00	1018.00	30.06	0.708	119.16	246.49	529.72	529.72		
10/4/99 3:15	1018.00	30.06	0.708	119.18	246.49	529.49			
10/4/99 3:30	1017.88	30.06	0.708	119.16	246.49	529.75			
10/4/99 3:45	1017.88	30.06	0.708	119.16	246.49	529.75			
10/4/99 4:00	1017.75	30.05	0.709	119.16	246.49	530.01	529.72		
10/4/99 4:15	1017.75	30.05	0.707	119.18	246.49	529.33			
10/4/99 4:30	1017.88	30.06	0.708	119.16	246.49	529.75			
10/4/99 4:45	1018.00	30.06	0.708	119.16	246.49	529.72			
10/4/99 5:00	1018.13	30.07	0.707	119.16	246.49	529.24	529.61		
10/4/99 5:15	1018.50	30.08	0.708	119.16	246.49	529.59			
10/4/99 5:30	1018.63	30.08	0.709	119.16	246.49	529.78			
10/4/99 5:45	1018.75	30.08	0.708	119.16	246.49	529.52			
10/4/99 8:00	1018.75	30.06	0.708	119.16	246.49	529.30	529.70		
10/4/99 6:15	1018.88	30.09	0.710	119.16	246.49	530.20			
10/4/99 6:30	1019.00	30.09	0.709	119.16	246.49	529.66			
10/4/99 6:45	1019.25	30.10	0.708	119.16	246.49	529.39			
10/4/99 7:00	1019.38	30.10	0.706	119.16	246.49	528.42	529.23		
10/4/99 7:15	1019.38	30.10	0.708	119.18	246.49	529.36			
10/4/99 7:30	1019.63	30.11	0.708	119.16	246.49	529.30			
10/4/99 7:45	1019.75	30.11	0.709	119.16	246.49	529.49			
10/4/99 8:00	1019.75	30.11	0.709	119.18	246.49	529.49	529.61		
10/4/99 8:15	1019.88	30.12	0.711	119.16	246.49	530.39			
10/4/99 8:30	1020.13	30.12	0.709	119.16	246.49	529.39			
10/4/99 8:45	1020.25	30.13	0.711	119.16	246.49	530.07			
10/4/99 9:00	1020.13	30.12	0.710	119.18	246.49	529.87	529.56		
10/4/99 9:15	1020.25	30.13	0.711	118.84	245.55	529.71			
10/4/99 9:30	1020.63	30.14	0.709	118.38	245.08	528.73			
10/4/99 9:45	1020.63	30.14	0.711	118.38	245.08	529.44			
10/4/99 10:00	1020.75	30.14	0.709	118.38	245.08	528.70	528.71		
10/4/99 10:15	1020.88	30.15	0.708	118.12	244.61	528.27			
10/4/99 10:30	1021.13	30.15	0.709	118.12	244.61	528.43			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/4/99 10:45	1021.25	30.16	0.709	118.12	244.61	528.39			
10/4/99 11:00	1021.38	30.16	0.705	118.12	244.61	526.98	528.17		
10/4/99 11:15	1021.38	30.16	0.711	118.12	244.61	529.07			
10/4/99 11:30	1021.38	30.16	0.706	117.85	244.14	527.98			
10/4/99 11:45	1021.50	30.18	0.708	117.85	244.14	527.93			
10/4/99 12:00	1021.63	30.17	0.711	117.85	244.14	528.83	528.29		
10/4/99 12:15	1021.63	30.17	0.709	117.85	244.14	528.38			
10/4/99 12:30	1021.75	30.17	0.709	117.85	244.14	528.35			
10/4/99 12:45	1021.75	30.17	0.711	117.85	244.14	529.02			
10/4/99 13:00	1021.88	30.18	0.709	118.12	244.61	528.23	528.59		
10/4/99 13:15	1022.00	30.18	0.709	118.12	244.61	528.20			
10/4/99 13:30	1021.88	30.18	0.711	118.12	244.61	529.16			
10/4/99 13:45	1021.88	30.18	0.709	117.85	244.14	528.06			
10/4/99 14:00	1021.75	30.17	0.710	117.85	244.14	528.57	528.56		
10/4/99 14:15	1022.00	30.18	0.710	117.85	244.14	528.51			
10/4/99 14:30	1022.00	30.18	0.710	117.85	244.14	528.51			
10/4/99 14:45	1022.00	30.18	0.731	116.81	242.26	535.62			
10/4/99 15:00	1021.88	30.18	0.709	117.85	244.14	528.32	529.76		
10/4/99 15:15	1021.88	30.18	0.709	117.85	244.14	528.32			
10/4/99 15:30	1022.00	30.18	0.709	117.85	244.14	528.02			
10/4/99 15:45	1021.88	30.18	0.711	117.85	244.14	528.99			
10/4/99 16:00	1021.75	30.17	0.711	117.85	244.14	529.02	526.67		
10/4/99 16:15	1021.75	30.17	0.712	117.85	244.14	529.28			
10/4/99 16:30	1022.00	30.18	0.712	117.59	243.67	529.04			
10/4/99 16:45	1022.00	30.18	0.710	117.85	244.14	528.51			
10/4/99 17:00	1022.13	30.18	0.713	117.59	243.67	529.23	529.03		
10/4/99 17:15	1022.13	30.18	0.713	117.59	243.67	529.23			
10/4/99 17:30	1022.50	30.19	0.713	117.59	243.67	529.13			
10/4/99 17:45	1022.50	30.19	0.712	117.59	243.67	528.91			
10/4/99 18:00	1022.38	30.19	0.713	117.59	243.67	529.39	529.35		
10/4/99 18:15	1022.63	30.20	0.715	117.59	243.67	530.03			
10/4/99 18:30	1022.75	30.20	0.713	117.59	243.67	529.29			
10/4/99 18:45	1023.00	30.21	0.713	117.59	243.67	529.00			
10/4/99 19:00	1023.13	30.21	0.712	117.59	243.67	528.75	529.13		
10/4/99 19:15	1023.00	30.21	0.714	117.59	243.67	529.45			
10/4/99 19:30	1023.13	30.21	0.713	117.59	243.67	529.19			
10/4/99 19:45	1023.13	30.21	0.713	117.59	243.67	528.97			
10/4/99 20:00	1023.25	30.22	0.715	117.59	243.67	529.86	529.65		
10/4/99 20:15	1023.38	30.22	0.715	117.85	244.14	530.01			
10/4/99 20:30	1023.38	30.22	0.716	117.85	244.14	530.23			
10/4/99 20:45	1023.63	30.23	0.716	117.85	244.14	530.42			
10/4/99 21:00	1023.88	30.23	0.716	117.85	244.14	530.10	530.38		
10/4/99 21:15	1024.00	30.24	0.719	117.85	244.14	531.25			
10/4/99 21:30	1024.13	30.24	0.715	117.85	244.14	529.81			
10/4/99 21:45	1024.00	30.24	0.716	117.85	244.14	530.33			
10/4/99 22:00	1024.13	30.24	0.718	117.85	244.14	530.96	530.35		
10/4/99 22:15	1024.25	30.25	0.716	117.85	244.14	530.00			
10/4/99 22:30	1024.50	30.25	0.718	117.85	244.14	530.64			
10/4/99 22:45	1024.38	30.25	0.716	117.85	244.14	530.87			
10/4/99 23:00	1024.38	30.25	0.716	117.85	244.14	530.23	530.54		
10/4/99 23:15	1024.38	30.25	0.718	117.85	244.14	530.90			
10/4/99 23:30	1024.25	30.25	0.716	117.85	244.14	530.26			
10/4/99 23:45	1024.13	30.24	0.718	117.85	244.14	530.96			
10/5/99 0:00	1024.13	30.24	0.719	117.85	244.14	531.22	530.89		
10/5/99 0:15	1024.00	30.24	0.718	117.85	244.14	530.99			
10/5/99 0:30	1024.00	30.24	0.716	117.85	244.14	530.99			
10/5/99 0:45	1023.88	30.23	0.718	117.85	244.14	530.80			
10/5/99 1:00	1023.75	30.23	0.716	117.85	244.14	530.39	530.42		
10/5/99 1:15	1023.63	30.23	0.715	117.85	244.14	529.94			
10/5/99 1:30	1023.50	30.22	0.715	117.85	244.14	529.98			
10/5/99 1:45	1023.63	30.23	0.716	117.85	244.14	530.17			
10/5/99 2:00	1023.75	30.23	0.718	117.59	243.87	530.66	530.25		
10/5/99 2:15	1023.63	30.23	0.716	117.59	243.67	529.99			
10/5/99 2:30	1023.75	30.23	0.717	117.59	243.87	530.44			
10/5/99 2:45	1023.75	30.23	0.713	117.33	243.20	528.83			
10/5/99 3:00	1023.75	30.23	0.717	117.33	243.20	530.26	529.89		
10/5/99 3:15	1023.63	30.23	0.716	117.33	243.20	529.81			
10/5/99 3:30	1023.50	30.22	0.717	117.33	243.20	530.32			
10/5/99 3:45	1023.38	30.22	0.716	117.59	243.67	530.05			
10/5/99 4:00	1023.13	30.21	0.718	117.59	243.67	530.82	530.42		
10/5/99 4:15	1023.00	30.21	0.718	117.33	243.20	530.88			
10/5/99 4:30	1023.13	30.21	0.716	117.33	243.20	530.20			
10/5/99 4:45	1023.00	30.21	0.714	117.33	243.20	529.27			
10/5/99 5:00	1023.13	30.21	0.716	117.33	243.20	530.20	529.69		
10/5/99 5:15	1023.25	30.22	0.717	117.33	243.20	530.39			
10/5/99 5:30	1023.38	30.22	0.713	116.81	242.26	528.37			
10/5/99 5:45	1023.63	30.23	0.718	116.55	241.79	529.98			
10/5/99 6:00	1023.75	30.23	0.715	116.55	241.79	529.03	529.00		
10/5/99 6:15	1023.75	30.23	0.715	116.55	241.79	529.03			
10/5/99 6:30	1023.88	30.23	0.714	116.29	241.32	528.59			
10/5/99 6:45	1024.13	30.24	0.716	116.02	240.84	529.05			
10/5/99 7:00	1024.13	30.24	0.715	116.02	240.84	528.57	526.71		
10/5/99 7:15	1024.25	30.25	0.716	116.02	240.84	529.02			
10/5/99 7:30	1024.38	30.25	0.714	116.02	240.84	528.29			
10/5/99 7:45	1024.63	30.26	0.716	116.02	240.84	528.67			
10/5/99 8:00	1024.63	30.26	0.716	116.02	240.84	528.67	528.74		
10/5/99 8:15	1024.63	30.26	0.717	116.02	240.84	529.15			
10/5/99 8:30	1024.63	30.26	0.716	116.02	240.84	528.93			
10/5/99 8:45	1024.75	30.26	0.716	116.29	241.32	528.81			
10/5/99 9:00	1024.75	30.26	0.720	116.29	241.32	530.43	529.36		
10/5/99 9:15	1024.75	30.26	0.716	116.55	241.79	529.25			
10/5/99 9:30	1024.88	30.26	0.716	116.81	242.26	529.39			
10/5/99 9:45	1025.00	30.27	0.719	117.33	243.20	530.88			
10/5/99 10:00	1025.00	30.27	0.721	117.33	243.20	531.52	530.54		
10/5/99 10:15	1024.88	30.26	0.718	117.59	243.67	530.37			
10/5/99 10:30	1024.88	30.26	0.718	117.85	244.14	530.55			
10/5/99 10:45	1024.88	30.26	0.720	118.12	244.61	531.65			
10/5/99 11:00	1024.75	30.26	0.720	118.38	245.08	531.88	531.46		
10/5/99 11:15	1024.50	30.25	0.720	118.64	245.55	532.10			
10/5/99 11:30	1024.38	30.25	0.717	118.90	246.02	531.16			
10/5/99 11:45	1024.25	30.25	0.718	119.16	246.49	531.81			
10/5/99 12:00	1024.13	30.24	0.719	119.16	246.49	532.33	532.02		
10/5/99 12:15	1023.88	30.23	0.719	119.16	246.49	532.39			
10/5/99 12:30	1023.75	30.23	0.719	119.42	246.96	532.38			
10/5/99 12:45	1023.63	30.23	0.716	119.68	247.43	531.66			
10/5/99 13:00	1023.50	30.22	0.719	119.94	247.90	532.80	532.62		
10/5/99 13:15	1023.25	30.22	0.718	120.21	248.37	532.78			
10/5/99 13:30	1023.13	30.21	0.719	120.47	248.84	533.47			
10/5/99 13:45	1022.88	30.21	0.718	120.99	249.78	533.19			
10/5/99 14:00	1022.50	30.19	0.720	120.99	249.78	534.21	534.02		
10/5/99 14:15	1022.25	30.19	0.718	121.51	250.72	533.93			
10/5/99 14:30	1022.00	30.18	0.721	121.77	251.19	535.32			
10/5/99 14:45	1021.63	30.17	0.719	121.77	251.19	534.53			
10/5/99 15:00	1021.38	30.16	0.717	121.77	251.19	533.89	534.61		
10/5/99 15:15	1021.25	30.16	0.718	122.03	251.66	534.54			
10/5/99 15:30	1021.13	30.15	0.718	122.30	252.13	534.75			
10/5/99 15:45	1021.00	30.15	0.717	122.03	251.66	534.16			
10/5/99 16:00	1020.88	30.15	0.719	122.56	252.60	535.48	535.02		
10/5/99 16:15	1020.88	30.15	0.718	122.56	252.60	534.99			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/5/99 16:30	1020.75	30.14	0.720	122.56	252.60	535.73			
10/5/99 16:45	1020.63	30.14	0.718	122.30	252.13	534.88			
10/5/99 17:00	1020.38	30.13	0.718	122.03	251.66	534.55	534.94		
10/5/99 17:15	1020.25	30.13	0.718	121.77	251.19	533.96			
10/5/99 17:30	1020.25	30.13	0.721	121.77	251.19	535.56			
10/5/99 17:45	1020.25	30.13	0.719	121.25	250.25	534.76			
10/5/99 18:00	1020.13	30.12	0.717	121.25	250.25	533.88	534.27		
10/5/99 18:15	1020.25	30.13	0.719	120.99	249.78	534.38			
10/5/99 18:30	1020.13	30.12	0.715	120.73	249.31	532.80			
10/5/99 18:45	1020.13	30.12	0.716	120.47	248.84	533.11			
10/5/99 19:00	1020.00	30.12	0.714	119.94	247.90	531.82	532.21		
10/5/99 19:15	1020.13	30.12	0.716	119.68	247.43	532.31			
10/5/99 19:30	1020.13	30.12	0.713	119.16	246.49	531.03			
10/5/99 19:45	1020.13	30.12	0.710	118.38	245.08	529.35			
10/5/99 20:00	1020.13	30.12	0.710	118.12	244.61	529.17	529.82		
10/5/99 20:15	1020.13	30.12	0.713	118.12	244.61	530.10			
10/5/99 20:30	1020.13	30.12	0.711	117.85	244.14	529.44			
10/5/99 20:45	1020.38	30.13	0.713	117.59	243.67	529.88			
10/5/99 21:00	1020.38	30.13	0.713	117.59	243.67	529.68	529.45		
10/5/99 21:15	1020.50	30.14	0.713	117.33	243.20	529.47			
10/5/99 21:30	1020.63	30.14	0.711	117.33	243.20	528.96			
10/5/99 21:45	1020.75	30.14	0.711	117.07	242.73	528.52			
10/5/99 22:00	1020.75	30.14	0.711	116.81	242.26	528.35	528.52		
10/5/99 22:15	1020.88	30.15	0.712	116.55	241.79	528.62			
10/5/99 22:30	1020.88	30.15	0.711	116.55	241.79	528.14			
10/5/99 22:45	1020.88	30.15	0.713	116.55	241.79	529.07			
10/5/99 23:00	1020.88	30.15	0.713	116.55	241.79	529.07	528.94		
10/5/99 23:15	1020.88	30.15	0.714	116.29	241.32	529.37			
10/5/99 23:30	1021.00	30.15	0.714	116.29	241.32	529.08			
10/5/99 23:45	1021.00	30.15	0.715	116.55	241.79	529.74			
10/6/99 0:00	1021.00	30.15	0.711	116.29	241.32	528.15	528.92		
10/6/99 0:15	1021.00	30.15	0.712	116.02	240.84	528.23			
10/6/99 0:30	1021.00	30.15	0.715	116.02	240.84	529.38			
10/6/99 0:45	1021.00	30.15	0.713	116.02	240.84	528.46			
10/6/99 1:00	1020.88	30.15	0.712	115.76	240.37	528.09	528.80		
10/6/99 1:15	1020.75	30.14	0.716	115.76	240.37	529.49			
10/6/99 1:30	1020.75	30.14	0.713	115.76	240.37	528.57			
10/6/99 1:45	1020.75	30.14	0.712	115.50	239.90	527.94			
10/6/99 2:00	1020.75	30.14	0.709	115.50	239.90	527.02	527.60		
10/6/99 2:15	1020.75	30.14	0.709	115.50	239.90	527.02			
10/6/99 2:30	1020.88	30.15	0.711	115.24	239.43	527.47			
10/6/99 2:45	1020.75	30.14	0.711	115.24	239.43	527.51			
10/6/99 3:00	1020.75	30.14	0.711	115.24	239.43	527.51	527.57		
10/6/99 3:15	1020.63	30.14	0.713	115.24	239.43	528.02			
10/6/99 3:30	1020.50	30.14	0.711	115.24	239.43	527.35			
10/6/99 3:45	1020.38	30.13	0.713	115.24	239.43	528.09			
10/6/99 4:00	1020.63	30.14	0.711	114.72	238.49	526.96	527.53		
10/6/99 4:15	1020.75	30.14	0.713	114.98	238.96	528.03			
10/6/99 4:30	1020.75	30.14	0.710	115.50	239.90	527.24			
10/6/99 4:45	1020.75	30.14	0.713	115.50	239.90	528.17			
10/6/99 5:00	1020.75	30.14	0.714	114.98	238.96	528.51	527.85		
10/6/99 5:15	1020.88	30.15	0.714	114.46	238.02	527.87			
10/6/99 5:30	1020.88	30.15	0.711	115.24	239.43	527.47			
10/6/99 5:45	1021.00	30.15	0.711	114.46	238.02	526.91			
10/6/99 6:00	1021.13	30.15	0.709	114.46	238.02	526.21	527.02		
10/6/99 6:15	1021.13	30.15	0.709	114.72	238.49	526.39			
10/6/99 6:30	1021.13	30.15	0.715	114.20	237.55	528.10			
10/6/99 6:45	1021.25	30.16	0.711	114.72	238.49	527.02			
10/6/99 7:00	1021.25	30.16	0.715	114.46	238.02	528.25	527.70		
10/6/99 7:15	1021.38	30.16	0.713	114.72	238.49	527.47			
10/6/99 7:30	1021.50	30.16	0.713	114.72	238.49	527.66			
10/6/99 7:45	1021.63	30.17	0.712	114.72	238.49	527.18			
10/6/99 8:00	1021.68	30.18	0.711	114.72	238.49	526.86	527.37		
10/6/99 8:15	1022.13	30.18	0.714	114.72	238.49	527.72			
10/6/99 8:30	1022.25	30.19	0.713	114.98	238.96	527.42			
10/6/99 8:45	1022.50	30.19	0.714	115.24	239.43	526.24			
10/6/99 9:00	1022.63	30.20	0.714	116.02	240.84	528.74	528.59		
10/6/99 9:15	1022.75	30.20	0.716	116.55	241.79	529.76			
10/6/99 9:30	1022.88	30.21	0.714	116.55	241.79	528.77			
10/6/99 9:45	1022.88	30.21	0.716	117.07	242.73	530.09			
10/6/99 10:00	1022.88	30.21	0.713	117.59	243.67	529.26	529.68		
10/6/99 10:15	1023.00	30.21	0.715	117.85	244.14	530.11			
10/6/99 10:30	1023.13	30.21	0.714	118.38	245.08	530.20			
10/6/99 10:45	1023.25	30.22	0.715	118.90	246.02	530.75			
10/6/99 11:00	1023.25	30.22	0.716	119.16	246.49	531.41	531.02		
10/6/99 11:15	1023.38	30.22	0.716	119.42	246.96	531.55			
10/6/99 11:30	1023.50	30.22	0.715	119.68	247.43	531.21			
10/6/99 11:45	1023.36	30.22	0.716	119.94	247.90	532.57			
10/6/99 12:00	1023.38	30.22	0.718	120.21	248.37	532.53	532.57		
10/6/99 12:15	1023.36	30.22	0.718	120.99	249.78	533.26			
10/6/99 12:30	1023.25	30.22	0.718	121.25	250.25	533.27			
10/6/99 12:45	1023.25	30.22	0.719	121.77	251.19	534.33			
10/6/99 13:00	1023.25	30.22	0.718	121.77	251.19	533.84	534.39		
10/6/99 13:15	1023.13	30.21	0.720	122.30	252.13	534.93			
10/6/99 13:30	1023.00	30.21	0.721	122.56	252.60	535.59			
10/6/99 13:45	1023.00	30.21	0.720	122.56	252.60	535.14			
10/6/99 14:00	1022.75	30.20	0.719	122.82	253.07	535.16	535.64		
10/6/99 14:15	1022.63	30.20	0.721	123.08	253.54	536.04			
10/6/99 14:30	1022.36	30.19	0.721	123.34	254.01	536.28			
10/6/99 14:45	1022.38	30.19	0.720	123.34	254.01	535.84			
10/6/99 15:00	1022.25	30.19	0.722	123.60	254.48	536.75	536.38		
10/6/99 15:15	1022.25	30.19	0.723	123.60	254.48	536.98			
10/6/99 15:30	1022.25	30.19	0.720	123.60	254.48	536.05			
10/6/99 15:45	1022.38	30.19	0.721	123.34	254.01	536.28			
10/6/99 16:00	1022.38	30.19	0.723	123.60	254.48	537.17	536.76		
10/6/99 16:15	1022.25	30.19	0.723	123.86	254.95	537.38			
10/6/99 16:30	1022.25	30.19	0.722	123.88	254.95	536.93			
10/6/99 16:45	1022.25	30.19	0.721	123.60	254.48	536.49			
10/6/99 17:00	1022.25	30.19	0.722	123.34	254.01	536.58	536.21		
10/6/99 17:15	1022.38	30.19	0.719	123.08	253.54	535.21			
10/6/99 17:30	1022.50	30.19	0.721	123.08	253.54	535.85			
10/6/99 17:45	1022.50	30.19	0.722	122.82	253.07	536.16			
10/6/99 18:00	1022.50	30.19	0.723	122.82	253.07	536.38	536.05		
10/6/99 18:15	1022.63	30.20	0.724	122.56	252.60	536.82			
10/6/99 18:30	1022.63	30.20	0.720	122.56	252.60	535.24			
10/6/99 18:45	1022.75	30.20	0.721	122.03	251.68	535.30			
10/6/99 19:00	1022.86	30.21	0.722	121.77	251.19	535.35	534.67		
10/6/99 19:15	1022.88	30.21	0.721	120.99	249.78	534.34			
10/6/99 19:30	1023.00	30.21	0.719	120.21	248.37	533.11			
10/6/99 19:45	1023.13	30.21	0.721	119.68	247.43	533.39			
10/6/99 20:00	1023.25	30.22	0.717	119.42	246.96	531.81	532.29		
10/6/99 20:15	1023.38	30.22	0.718	119.16	246.49	531.82			
10/6/99 20:30	1023.50	30.22	0.716	119.16	246.49	531.34			
10/6/99 20:45	1023.63	30.23	0.719	118.90	246.02	532.06			
10/6/99 21:00	1023.75	30.23	0.720	118.38	245.08	532.12	531.92		
10/6/99 21:15	1024.00	30.24	0.721	118.38	245.08	532.27			
10/6/99 21:30	1024.13	30.24	0.719	118.38	245.08	531.80			
10/6/99 21:45	1024.25	30.25	0.718	118.38	245.08	531.28			
10/6/99 22:00	1024.38	30.25	0.719	118.12	244.61	531.33	531.44		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/6/99 22:15	1024.63	30.26	0.718	118.38	245.08	531.19			
10/6/99 22:30	1024.88	30.26	0.719	118.38	245.08	531.60			
10/6/99 22:45	1024.88	30.26	0.717	118.38	245.08	530.88			
10/6/99 23:00	1025.00	30.27	0.718	118.38	245.08	531.09	531.11		
10/6/99 23:15	1025.00	30.27	0.718	118.38	245.08	531.09			
10/6/99 23:30	1025.00	30.27	0.718	118.38	245.08	531.09			
10/6/99 23:45	1025.13	30.27	0.717	118.38	245.08	530.81			
10/7/99 0:00	1025.13	30.27	0.718	118.38	245.08	531.06	530.81		
10/7/99 0:15	1025.13	30.27	0.717	118.38	245.08	530.81			
10/7/99 0:30	1025.38	30.28	0.715	118.12	244.61	529.87			
10/7/99 0:45	1025.25	30.28	0.715	118.12	244.61	529.70			
10/7/99 1:00	1025.25	30.28	0.715	118.12	244.61	529.70	529.55		
10/7/99 1:15	1025.25	30.28	0.714	118.12	244.61	529.48			
10/7/99 1:30	1025.38	30.28	0.714	118.12	244.61	529.19			
10/7/99 1:45	1025.38	30.28	0.715	117.85	244.14	529.49			
10/7/99 2:00	1025.50	30.28	0.715	117.85	244.14	529.46	529.80		
10/7/99 2:15	1025.63	30.29	0.717	117.85	244.14	530.13			
10/7/99 2:30	1026.00	30.30	0.719	117.85	244.14	530.73			
10/7/99 2:45	1026.13	30.30	0.719	117.85	244.14	530.70			
10/7/99 3:00	1026.25	30.31	0.717	117.59	243.67	529.79	530.35		
10/7/99 3:15	1026.25	30.31	0.719	117.59	243.67	530.49			
10/7/99 3:30	1026.25	30.31	0.718	117.59	243.67	530.01			
10/7/99 3:45	1026.13	30.30	0.716	117.33	243.20	529.17			
10/7/99 4:00	1026.25	30.31	0.716	117.33	243.20	529.39	529.55		
10/7/99 4:15	1026.25	30.31	0.717	117.33	243.20	529.61			
10/7/99 4:30	1026.38	30.31	0.717	117.33	243.20	529.58			
10/7/99 4:45	1026.75	30.32	0.715	117.33	243.20	528.78			
10/7/99 5:00	1026.88	30.32	0.719	117.07	242.73	529.98	529.25		
10/7/99 5:15	1027.00	30.33	0.718	116.81	242.26	529.29			
10/7/99 5:30	1027.13	30.33	0.716	116.55	241.79	528.64			
10/7/99 5:45	1027.13	30.33	0.719	116.55	241.79	529.78			
10/7/99 6:00	1027.25	30.33	0.718	116.55	241.79	529.27	529.02		
10/7/99 6:15	1027.50	30.34	0.718	116.55	241.79	529.20			
10/7/99 6:30	1027.75	30.35	0.716	116.55	241.79	528.22			
10/7/99 6:45	1027.88	30.35	0.718	116.55	241.79	529.11			
10/7/99 7:00	1028.00	30.36	0.718	116.29	241.32	528.68	528.78		
10/7/99 7:15	1028.13	30.36	0.719	116.29	241.32	529.12			
10/7/99 7:30	1028.38	30.37	0.718	116.29	241.32	528.80			
10/7/99 7:45	1028.63	30.38	0.720	116.29	241.32	529.43			
10/7/99 8:00	1028.50	30.37	0.716	116.29	241.32	528.10	528.72		
10/7/99 8:15	1028.63	30.38	0.717	116.29	241.32	528.29			
10/7/99 8:30	1028.75	30.38	0.719	116.29	241.32	528.96			
10/7/99 8:45	1028.63	30.38	0.718	116.29	241.32	528.51			
10/7/99 9:00	1028.63	30.38	0.718	116.55	241.79	528.91	530.99		
10/7/99 9:15	1028.63	30.38	0.718	116.55	241.79	528.69			
10/7/99 9:30	1028.38	30.37	0.750	115.50	239.90	539.87			
10/7/99 9:45	1028.38	30.37	0.715	117.59	243.67	528.54			
10/7/99 10:00	1028.38	30.37	0.716	117.59	243.67	528.76	531.07		
10/7/99 10:15	1028.25	30.38	0.714	117.85	244.14	528.53			
10/7/99 10:30	1028.25	30.38	0.717	118.12	244.61	529.83			
10/7/99 10:45	1028.38	30.37	0.718	118.12	244.61	529.82			
10/7/99 11:00	1028.38	30.37	0.719	118.64	245.55	530.87	530.49		
10/7/99 11:15	1028.25	30.36	0.719	118.90	246.02	531.08			
10/7/99 11:30	1028.25	30.36	0.719	119.16	246.49	531.04			
10/7/99 11:45	1028.00	30.36	0.721	119.68	247.43	532.12			
10/7/99 12:00	1027.75	30.35	0.721	119.94	247.90	532.38	532.25		
10/7/99 12:15	1027.50	30.34	0.721	120.21	248.37	532.60			
10/7/99 12:30	1027.25	30.33	0.722	120.21	248.37	533.15			
10/7/99 12:45	1027.00	30.33	0.723	120.73	249.31	533.79			
10/7/99 13:00	1026.88	30.32	0.724	120.99	249.78	534.44	533.69		
10/7/99 13:15	1026.63	30.32	0.721	121.25	250.25	533.54			
10/7/99 13:30	1026.38	30.31	0.719	121.77	251.19	533.51			
10/7/99 13:45	1026.13	30.30	0.722	122.03	251.66	534.68			
10/7/99 14:00	1025.75	30.29	0.723	122.56	252.60	535.35	535.00		
10/7/99 14:15	1025.50	30.28	0.723	122.62	253.07	535.82			
10/7/99 14:30	1025.25	30.28	0.722	123.08	253.54	535.61			
10/7/99 14:45	1024.88	30.26	0.721	123.08	253.54	535.45			
10/7/99 15:00	1024.75	30.26	0.719	123.08	253.54	534.82	535.43		
10/7/99 15:15	1024.50	30.25	0.721	123.34	254.01	535.50			
10/7/99 15:30	1024.38	30.25	0.721	123.34	254.01	535.76			
10/7/99 15:45	1024.25	30.25	0.724	123.60	254.48	536.90			
10/7/99 16:00	1024.00	30.24	0.723	123.60	254.48	536.52	536.68		
10/7/99 16:15	1024.00	30.24	0.723	123.88	254.95	536.92			
10/7/99 16:30	1023.75	30.23	0.725	123.34	254.01	537.33			
10/7/99 16:45	1023.63	30.23	0.724	123.34	254.01	537.14			
10/7/99 17:00	1023.50	30.22	0.723	123.34	254.01	536.69	536.91		
10/7/99 17:15	1023.38	30.22	0.722	123.08	253.54	536.10			
10/7/99 17:30	1023.38	30.22	0.725	123.08	253.54	537.25			
10/7/99 17:45	1023.25	30.22	0.723	123.08	253.54	536.58			
10/7/99 18:00	1023.13	30.21	0.723	122.82	253.07	536.22	536.56		
10/7/99 18:15	1023.00	30.21	0.724	122.82	253.07	536.69			
10/7/99 18:30	1023.00	30.21	0.723	122.56	252.60	536.07			
10/7/99 18:45	1023.00	30.21	0.724	122.56	252.60	536.52			
10/7/99 19:00	1023.13	30.21	0.723	122.03	251.66	535.91	535.56		
10/7/99 19:15	1023.00	30.21	0.720	121.77	251.19	534.61			
10/7/99 19:30	1023.00	30.21	0.721	121.25	250.25	534.71			
10/7/99 19:45	1023.00	30.21	0.722	120.99	249.78	534.79			
10/7/99 20:00	1022.88	30.21	0.722	120.73	249.31	534.64	534.31		
10/7/99 20:15	1022.88	30.21	0.722	120.21	248.37	534.29			
10/7/99 20:30	1022.88	30.21	0.719	120.21	248.37	533.14			
10/7/99 20:45	1022.88	30.21	0.721	120.21	248.37	534.03			
10/7/99 21:00	1023.00	30.21	0.717	120.21	248.37	532.40	533.30		
10/7/99 21:15	1023.13	30.21	0.720	119.94	247.90	533.34			
10/7/99 21:30	1023.00	30.21	0.721	119.94	247.90	533.60			
10/7/99 21:45	1022.88	30.21	0.718	119.94	247.90	532.70			
10/7/99 22:00	1022.88	30.21	0.719	119.88	247.43	532.79	532.84		
10/7/99 22:15	1022.88	30.21	0.718	119.68	247.43	532.30			
10/7/99 22:30	1022.75	30.20	0.719	119.88	247.43	532.82			
10/7/99 22:45	1022.63	30.20	0.718	119.68	247.43	532.59			
10/7/99 23:00	1022.63	30.20	0.718	119.42	246.96	532.19	532.36		
10/7/99 23:15	1022.63	30.20	0.719	119.16	246.49	532.50			
10/7/99 23:30	1022.63	30.20	0.717	119.16	246.49	531.79			
10/7/99 23:45	1022.63	30.20	0.716	119.16	246.49	531.31			
10/8/99 0:00	1022.63	30.20	0.717	118.90	246.02	531.62	531.40		
10/8/99 0:15	1022.63	30.20	0.716	118.38	245.08	530.78			
10/8/99 0:30	1022.50	30.19	0.716	118.38	245.08	531.52			
10/8/99 0:45	1022.38	30.19	0.720	118.38	245.08	532.47			
10/8/99 1:00	1022.25	30.19	0.718	118.12	244.61	531.40	531.26		
10/8/99 1:15	1022.25	30.19	0.714	117.85	244.14	530.06			
10/8/99 1:30	1022.13	30.18	0.716	117.85	244.14	530.81			
10/8/99 1:45	1022.00	30.18	0.714	117.59	243.67	529.71			
10/8/99 2:00	1022.00	30.18	0.713	117.59	243.67	529.48	529.77		
10/8/99 2:15	1022.00	30.18	0.714	117.33	243.20	529.79			
10/8/99 2:30	1022.13	30.18	0.713	117.33	243.20	529.05			
10/8/99 2:45	1022.13	30.18	0.712	117.33	243.20	528.83			
10/8/99 3:00	1022.25	30.19	0.716	117.33	243.20	530.17	529.18		
10/8/99 3:15	1022.13	30.18	0.713	116.81	242.26	528.70			
10/8/99 3:30	1022.00	30.18	0.714	116.81	242.26	529.17			
10/8/99 3:45	1022.00	30.18	0.714	116.55	241.79	529.00			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/8/99 4:00	1021.75	30.17	0.714	116.55	241.79	529.06	529.11		
10/8/99 4:15	1021.75	30.17	0.715	116.61	242.26	529.72			
10/8/99 4:30	1021.63	30.17	0.712	116.81	242.26	528.60			
10/8/99 4:45	1021.50	30.16	0.713	116.81	242.26	529.08			
10/8/99 5:00	1021.50	30.16	0.716	116.81	242.26	530.01	529.36		
10/8/99 5:15	1021.50	30.16	0.714	116.61	242.26	529.56			
10/8/99 5:30	1021.50	30.16	0.714	116.61	242.26	529.56			
10/8/99 5:45	1021.63	30.17	0.713	117.07	242.73	529.23			
10/8/99 6:00	1021.88	30.16	0.713	117.59	243.67	529.29	529.54		
10/8/99 6:15	1022.13	30.16	0.716	117.59	243.67	530.38			
10/8/99 6:30	1022.13	30.18	0.713	117.59	243.67	529.23			
10/8/99 6:45	1022.13	30.18	0.714	117.85	244.14	529.65			
10/8/99 7:00	1022.00	30.18	0.716	117.65	244.14	530.59	529.96		
10/8/99 7:15	1022.13	30.18	0.715	118.12	244.61	530.51			
10/8/99 7:30	1022.50	30.19	0.713	118.12	244.61	529.71			
10/8/99 7:45	1022.63	30.20	0.714	118.36	245.08	530.33			
10/8/99 8:00	1022.75	30.20	0.716	118.38	245.08	531.01	530.40		
10/8/99 8:15	1023.00	30.21	0.714	118.38	245.08	530.24			
10/8/99 8:30	1022.88	30.21	0.716	118.38	245.08	530.71			
10/8/99 8:45	1023.00	30.21	0.716	116.64	245.55	531.12			
10/8/99 9:00	1022.88	30.21	0.716	118.64	245.55	531.15	531.14		
10/8/99 9:15	1023.00	30.21	0.715	118.90	246.02	530.81			
10/8/99 9:30	1023.00	30.21	0.716	119.16	246.49	531.92			
10/8/99 9:45	1023.13	30.21	0.714	119.16	246.49	530.73			
10/8/99 10:00	1023.13	30.21	0.716	119.16	246.49	531.18	531.39		
10/8/99 10:15	1023.13	30.21	0.716	119.42	246.96	531.36			
10/8/99 10:30	1023.25	30.22	0.716	119.68	247.43	531.76			
10/8/99 10:45	1023.38	30.22	0.715	119.94	247.90	531.42			
10/8/99 11:00	1023.25	30.22	0.714	120.21	248.37	531.15	531.93		
10/8/99 11:15	1023.25	30.22	0.718	120.21	248.37	532.78			
10/8/99 11:30	1023.38	30.22	0.718	120.21	248.37	532.53			
10/8/99 11:45	1023.00	30.21	0.716	119.94	247.90	532.00			
10/8/99 12:00	1022.88	30.21	0.718	119.94	247.90	532.48	531.98		
10/8/99 12:15	1022.75	30.20	0.714	119.68	247.43	531.18			
10/8/99 12:30	1022.50	30.19	0.716	119.68	247.43	531.70			
10/8/99 12:45	1021.88	30.18	0.716	119.68	247.43	532.12			
10/8/99 13:00	1021.50	30.16	0.715	119.68	247.43	531.73	532.06		
10/8/99 13:15	1021.25	30.16	0.716	119.68	247.43	532.28			
10/8/99 13:30	1021.25	30.16	0.716	119.94	247.90	532.46			
10/8/99 13:45	1021.25	30.16	0.714	120.21	248.37	531.67			
10/8/99 14:00	1020.88	30.15	0.714	120.21	248.37	531.77	532.31		
10/8/99 14:15	1020.13	30.12	0.714	120.47	248.84	532.40			
10/8/99 14:30	1019.88	30.12	0.716	120.99	249.76	533.26			
10/8/99 14:45	1019.75	30.11	0.714	121.51	250.72	532.94			
10/8/99 15:00	1019.63	30.11	0.714	121.77	251.19	533.41	533.99		
10/8/99 15:15	1019.38	30.10	0.718	122.03	251.66	534.81			
10/8/99 15:30	1019.38	30.10	0.719	122.03	251.66	535.52			
10/8/99 15:45	1019.13	30.09	0.715	122.30	252.13	534.12			
10/8/99 16:00	1019.00	30.09	0.718	122.56	252.60	535.49	535.28		
10/8/99 16:15	1018.88	30.09	0.718	122.56	252.60	535.52			
10/8/99 16:30	1018.63	30.08	0.718	122.82	253.07	535.76			
10/8/99 16:45	1018.38	30.07	0.716	122.82	253.07	535.15			
10/8/99 17:00	1018.50	30.08	0.716	123.08	253.54	535.04	535.33		
10/8/99 17:15	1018.50	30.08	0.716	123.34	254.01	535.21			
10/8/99 17:30	1018.63	30.08	0.717	123.08	253.54	535.49			
10/8/99 17:45	1019.00	30.09	0.718	123.34	254.01	536.02			
10/8/99 18:00	1018.88	30.09	0.718	123.34	254.01	535.82	535.59		
10/8/99 18:15	1018.75	30.08	0.716	123.08	253.54	535.66			
10/8/99 18:30	1018.88	30.09	0.716	123.08	253.54	534.94			
10/8/99 18:45	1018.88	30.09	0.717	123.08	253.54	535.42			
10/8/99 19:00	1018.75	30.08	0.719	123.08	253.54	536.17	535.58		
10/8/99 19:15	1018.88	30.09	0.718	123.08	253.54	535.87			
10/8/99 19:30	1018.75	30.08	0.718	122.82	253.07	535.50			
10/8/99 19:45	1018.50	30.08	0.719	122.82	253.07	536.05			
10/8/99 20:00	1018.75	30.08	0.719	122.56	252.60	535.81	535.52		
10/8/99 20:15	1018.75	30.08	0.717	122.56	252.60	535.10			
10/8/99 20:30	1018.88	30.09	0.718	122.30	252.13	535.12			
10/8/99 20:45	1018.75	30.08	0.713	122.03	251.66	533.33			
10/8/99 21:00	1018.75	30.08	0.717	122.03	251.66	534.75	534.31		
10/8/99 21:15	1018.75	30.08	0.716	121.77	251.19	534.35			
10/8/99 21:30	1019.00	30.09	0.716	121.77	251.19	534.02			
10/8/99 21:45	1019.38	30.10	0.714	122.03	251.66	533.65			
10/8/99 22:00	1019.75	30.11	0.717	122.03	251.66	534.49	534.04		
10/8/99 22:15	1019.75	30.11	0.716	122.03	251.66	534.26			
10/8/99 22:30	1019.75	30.11	0.715	122.03	251.66	533.78			
10/8/99 22:45	1020.00	30.12	0.718	121.77	251.19	534.47			
10/8/99 23:00	1020.13	30.12	0.714	121.77	251.19	533.28	533.49		
10/8/99 23:15	1020.25	30.13	0.714	121.77	251.19	532.99			
10/8/99 23:30	1020.36	30.13	0.714	121.77	251.19	532.95			
10/8/99 23:45	1020.50	30.14	0.714	121.77	251.19	533.16			
10/9/99 0:00	1020.86	30.15	0.717	121.51	250.72	533.64	533.36		
10/9/99 0:15	1020.75	30.14	0.716	121.77	251.19	533.56			
10/9/99 0:30	1020.75	30.14	0.715	121.77	251.19	533.34			
10/9/99 0:45	1020.75	30.14	0.714	121.51	250.72	532.88			
10/9/99 1:00	1020.63	30.14	0.717	121.51	250.72	533.91	533.66		
10/9/99 1:15	1020.50	30.14	0.716	121.51	250.72	533.71			
10/9/99 1:30	1020.75	30.14	0.719	121.77	251.19	534.76			
10/9/99 1:45	1020.75	30.14	0.715	121.51	250.72	533.16			
10/9/99 2:00	1020.75	30.14	0.719	121.51	250.72	534.56	534.06		
10/9/99 2:15	1020.75	30.14	0.718	121.51	250.72	534.10			
10/9/99 2:30	1021.00	30.15	0.717	121.51	250.72	533.81			
10/9/99 2:45	1021.00	30.15	0.715	121.25	250.25	532.92			
10/9/99 3:00	1020.88	30.15	0.716	121.25	250.25	533.18	532.69		
10/9/99 3:15	1020.88	30.15	0.714	120.99	249.78	532.29			
10/9/99 3:30	1021.00	30.15	0.714	120.99	249.78	532.26			
10/9/99 3:45	1021.00	30.15	0.716	120.99	249.78	532.97			
10/9/99 4:00	1021.00	30.15	0.714	120.99	249.78	532.26	532.66		
10/9/99 4:15	1021.00	30.15	0.718	120.99	249.78	533.90			
10/9/99 4:30	1021.13	30.15	0.713	120.99	249.78	532.01			
10/9/99 4:45	1021.13	30.15	0.715	121.25	250.25	532.89			
10/9/99 5:00	1021.13	30.15	0.714	121.51	250.72	532.56	532.64		
10/9/99 5:15	1021.13	30.15	0.714	121.77	251.19	532.76			
10/9/99 5:30	1021.25	30.16	0.714	121.77	251.19	532.99			
10/9/99 5:45	1021.38	30.16	0.716	121.77	251.19	533.40			
10/9/99 6:00	1021.38	30.16	0.715	121.77	251.19	533.18	533.13		
10/9/99 6:15	1021.50	30.16	0.713	121.77	251.19	532.44			
10/9/99 6:30	1021.50	30.16	0.716	121.77	251.19	533.63			
10/9/99 6:45	1021.50	30.16	0.718	121.77	251.19	534.30			
10/9/99 7:00	1021.63	30.17	0.718	121.77	251.19	534.04	533.56		
10/9/99 7:15	1021.50	30.16	0.714	121.77	251.19	532.92			
10/9/99 7:30	1021.50	30.16	0.714	121.77	251.19	532.92			
10/9/99 7:45	1021.50	30.16	0.717	121.77	251.19	533.85			
10/9/99 8:00	1021.63	30.17	0.716	121.77	251.19	533.60	533.60		
10/9/99 8:15	1021.63	30.17	0.718	121.77	251.19	534.04			
10/9/99 8:30	1021.75	30.17	0.716	121.77	251.19	533.56			
10/9/99 8:45	1021.88	30.16	0.713	121.77	251.19	532.34			
10/9/99 9:00	1021.88	30.16	0.715	121.77	251.19	533.05	533.00		
10/9/99 9:15	1021.86	30.18	0.715	121.77	251.19	533.05			
10/9/99 9:30	1022.00	30.18	0.715	121.77	251.19	533.01			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/9/99 9:45	1022.00	30.18	0.716	121.77	251.19	533.50			
10/9/99 10:00	1022.13	30.18	0.714	121.77	251.19	532.76	533.19		
10/9/99 10:15	1022.13	30.18	0.715	121.77	251.19	532.98			
10/9/99 10:30	1022.13	30.18	0.717	121.77	251.19	533.69			
10/9/99 10:45	1022.25	30.19	0.715	122.03	251.66	533.13			
10/9/99 11:00	1022.25	30.19	0.718	122.03	251.66	534.28	533.72		
10/9/99 11:15	1022.25	30.19	0.718	122.03	251.66	534.06			
10/9/99 11:30	1022.25	30.19	0.716	121.77	251.19	533.43			
10/9/99 11:45	1022.25	30.19	0.718	121.77	251.19	533.88			
10/9/99 12:00	1022.13	30.18	0.717	121.77	251.19	533.69	533.67		
10/9/99 12:15	1022.00	30.18	0.716	121.77	251.19	533.50			
10/9/99 12:30	1022.13	30.18	0.717	122.03	251.66	533.87			
10/9/99 12:45	1022.00	30.18	0.718	122.03	251.66	534.12			
10/9/99 13:00	1021.88	30.16	0.718	121.77	251.19	533.98	533.93		
10/9/99 13:15	1021.63	30.17	0.718	121.77	251.19	534.04			
10/9/99 13:30	1021.50	30.16	0.716	121.77	251.19	533.63			
10/9/99 13:45	1021.25	30.16	0.717	121.77	251.19	533.92			
10/9/99 14:00	1021.13	30.15	0.713	121.77	251.19	532.53	533.45		
10/9/99 14:15	1020.88	30.15	0.715	121.77	251.19	533.31			
10/9/99 14:30	1020.63	30.14	0.716	121.77	251.19	533.86			
10/9/99 14:45	1020.50	30.14	0.718	121.77	251.19	534.34			
10/9/99 15:00	1020.25	30.13	0.714	122.03	251.66	533.16	533.57		
10/9/99 15:15	1020.00	30.12	0.714	122.03	251.66	533.23			
10/9/99 15:30	1019.88	30.12	0.714	122.03	251.66	533.26			
10/9/99 15:45	1019.75	30.11	0.714	122.03	251.66	533.55			
10/9/99 16:00	1019.63	30.11	0.715	122.03	251.66	533.81	533.48		
10/9/99 16:15	1019.50	30.11	0.713	122.03	251.66	533.13			
10/9/99 16:30	1019.38	30.10	0.714	122.03	251.66	533.65			
10/9/99 16:45	1019.13	30.09	0.714	122.30	252.13	533.63			
10/9/99 17:00	1018.88	30.09	0.713	122.03	251.66	533.07	533.24		
10/9/99 17:15	1018.63	30.08	0.713	122.03	251.66	533.14			
10/9/99 17:30	1018.50	30.08	0.711	122.03	251.66	532.69			
10/9/99 17:45	1018.50	30.08	0.713	122.03	251.66	533.17			
10/9/99 18:00	1018.38	30.07	0.712	122.03	251.66	532.96	532.79		
10/9/99 18:15	1018.38	30.07	0.711	122.03	251.66	532.49			
10/9/99 18:30	1018.13	30.07	0.711	121.77	251.19	532.61			
10/9/99 18:45	1017.88	30.06	0.714	121.77	251.19	533.67			
10/9/99 19:00	1017.88	30.06	0.711	121.77	251.19	532.45	533.00		
10/9/99 19:15	1017.88	30.06	0.713	121.77	251.19	533.38			
10/9/99 19:30	1017.75	30.05	0.711	121.77	251.19	532.71			
10/9/99 19:45	1017.75	30.05	0.712	121.77	251.19	532.97			
10/9/99 20:00	1017.75	30.05	0.710	121.77	251.19	532.26	532.25		
10/9/99 20:15	1017.75	30.05	0.709	121.77	251.19	531.77			
10/9/99 20:30	1017.63	30.05	0.708	121.77	251.19	531.58			
10/9/99 20:45	1017.63	30.05	0.712	121.51	250.72	532.82			
10/9/99 21:00	1017.50	30.05	0.706	121.51	250.72	530.72	531.83		
10/9/99 21:15	1017.38	30.04	0.708	121.77	251.19	531.42			
10/9/99 21:30	1017.25	30.04	0.711	121.77	251.19	532.61			
10/9/99 21:45	1017.13	30.04	0.708	121.51	250.72	531.31			
10/9/99 22:00	1017.13	30.04	0.708	121.51	250.72	531.53	532.11		
10/9/99 22:15	1017.00	30.03	0.711	121.77	251.19	532.90			
10/9/99 22:30	1017.13	30.04	0.709	121.77	251.19	532.19			
10/9/99 22:45	1017.13	30.04	0.709	121.77	251.19	531.93			
10/9/99 23:00	1016.88	30.03	0.708	121.77	251.19	531.77	532.09		
10/9/99 23:15	1016.88	30.03	0.709	121.77	251.19	532.28			
10/9/99 23:30	1016.75	30.02	0.709	121.77	251.19	532.29			
10/9/99 23:45	1016.50	30.02	0.709	121.77	251.19	532.10			
10/10/99 0:00	1016.50	30.02	0.709	121.77	251.19	532.36	532.32		
10/10/99 0:15	1016.25	30.01	0.709	121.77	251.19	532.42			
10/10/99 0:30	1016.25	30.01	0.709	121.77	251.19	532.42			
10/10/99 0:45	1016.13	30.01	0.706	121.77	251.19	531.03			
10/10/99 1:00	1016.00	30.00	0.709	121.77	251.19	532.49	531.97		
10/10/99 1:15	1015.88	30.00	0.708	121.77	251.19	532.03			
10/10/99 1:30	1015.63	29.99	0.708	121.77	251.19	531.87			
10/10/99 1:45	1015.50	29.99	0.706	121.77	251.19	531.42			
10/10/99 2:00	1015.38	29.98	0.706	121.77	251.19	531.22	531.91		
10/10/99 2:15	1015.38	29.98	0.708	121.77	251.19	532.16			
10/10/99 2:30	1015.38	29.98	0.710	121.77	251.19	532.88			
10/10/99 2:45	1015.38	29.98	0.707	121.77	251.19	531.71			
10/10/99 3:00	1015.25	29.98	0.705	121.77	251.19	531.03	532.48		
10/10/99 3:15	1015.25	29.98	0.710	122.30	252.13	533.26			
10/10/99 3:30	1015.13	29.98	0.711	122.30	252.13	533.52			
10/10/99 3:45	1015.00	29.97	0.709	122.30	252.13	532.84			
10/10/99 4:00	1015.25	29.98	0.708	122.56	252.60	532.72	532.91		
10/10/99 4:15	1015.25	29.98	0.708	122.56	252.60	532.72			
10/10/99 4:30	1015.13	29.98	0.708	122.56	252.60	532.76			
10/10/99 4:45	1015.25	29.98	0.708	122.56	252.60	532.50			
10/10/99 5:00	1015.25	29.98	0.708	122.56	252.60	532.50	532.45		
10/10/99 5:15	1015.25	29.98	0.708	122.56	252.60	532.72			
10/10/99 5:30	1015.38	29.98	0.706	122.56	252.60	531.75			
10/10/99 5:45	1015.50	29.99	0.706	122.56	252.60	531.94			
10/10/99 6:00	1015.50	29.99	0.709	122.56	252.60	533.15	532.47		
10/10/99 6:15	1015.50	29.99	0.709	122.56	252.60	532.88			
10/10/99 6:30	1015.63	29.99	0.708	122.56	252.60	532.63			
10/10/99 6:45	1015.63	29.99	0.706	122.56	252.60	531.91			
10/10/99 7:00	1015.38	29.98	0.706	122.56	252.60	531.98	532.46		
10/10/99 7:15	1015.50	29.99	0.708	122.56	252.60	532.66			
10/10/99 7:30	1015.63	29.99	0.709	122.56	252.60	533.12			
10/10/99 7:45	1015.75	30.00	0.708	122.56	252.60	532.37			
10/10/99 8:00	1015.88	30.00	0.711	122.56	252.60	533.50	532.91		
10/10/99 8:15	1015.88	30.00	0.708	122.56	252.60	532.56			
10/10/99 8:30	1016.00	30.00	0.709	122.56	252.60	533.02			
10/10/99 8:45	1016.13	30.01	0.708	122.56	252.60	532.27			
10/10/99 9:00	1016.13	30.01	0.707	122.56	252.60	532.04	532.81		
10/10/99 9:15	1016.00	30.00	0.708	122.56	252.60	532.30			
10/10/99 9:30	1016.13	30.01	0.711	122.56	252.60	533.43			
10/10/99 9:45	1016.13	30.01	0.707	122.82	253.07	532.22			
10/10/99 10:00	1016.13	30.01	0.709	122.82	253.07	533.16	533.04		
10/10/99 10:15	1016.13	30.01	0.708	123.08	253.54	532.62			
10/10/99 10:30	1016.25	30.01	0.711	123.08	253.54	533.75			
10/10/99 10:45	1016.13	30.01	0.706	123.08	253.54	532.85			
10/10/99 11:00	1016.13	30.01	0.708	123.34	254.01	533.02	533.41		
10/10/99 11:15	1016.38	30.01	0.709	123.60	254.48	533.62			
10/10/99 11:30	1016.50	30.02	0.710	123.60	254.48	533.81			
10/10/99 11:45	1016.50	30.02	0.711	123.60	254.48	534.04			
10/10/99 12:00	1016.63	30.02	0.709	123.60	254.48	533.29	533.68		
10/10/99 12:15	1016.75	30.02	0.709	123.60	254.48	533.52			
10/10/99 12:30	1016.75	30.02	0.710	123.60	254.48	533.75			
10/10/99 12:45	1016.75	30.02	0.712	124.13	255.43	534.81			
10/10/99 13:00	1016.88	30.03	0.711	123.86	254.95	534.12	534.26		
10/10/99 13:15	1016.88	30.03	0.711	123.60	254.48	534.17			
10/10/99 13:30	1016.88	30.03	0.712	123.60	254.48	534.43			
10/10/99 13:45	1016.75	30.02	0.710	123.60	254.48	533.75			
10/10/99 14:00	1016.75	30.02	0.713	123.60	254.48	534.91	534.00		
10/10/99 14:15	1016.63	30.02	0.710	123.60	254.48	533.78			
10/10/99 14:30	1016.38	30.01	0.708	123.60	254.48	533.13			
10/10/99 14:45	1016.25	30.01	0.709	124.13	255.43	534.01			
10/10/99 15:00	1016.25	30.01	0.708	124.13	255.43	533.52	533.58		
10/10/99 15:15	1016.50	30.02	0.709	124.13	255.43	533.94			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/10/99 15:30	1016.63	30.02	0.709	123.60	254.48	533.29			
10/10/99 15:45	1016.63	30.02	0.711	123.34	254.01	533.83			
10/10/99 16:00	1016.75	30.02	0.710	123.08	253.54	533.40	533.40		
10/10/99 16:15	1016.88	30.03	0.710	123.08	253.54	533.36			
10/10/99 16:30	1016.88	30.03	0.709	123.08	253.54	533.14			
10/10/99 16:45	1016.88	30.03	0.709	123.34	254.01	533.31			
10/10/99 17:00	1016.88	30.03	0.711	123.34	254.01	533.77	533.59		
10/10/99 17:15	1016.75	30.02	0.710	123.34	254.01	533.57			
10/10/99 17:30	1016.88	30.03	0.711	123.60	254.48	534.17			
10/10/99 17:45	1017.13	30.04	0.712	123.60	254.48	534.36			
10/10/99 18:00	1017.38	30.04	0.709	123.34	254.01	532.92	533.77		
10/10/99 18:15	1017.50	30.05	0.711	123.34	254.01	533.63			
10/10/99 18:30	1017.63	30.05	0.711	123.34	254.01	533.57			
10/10/99 18:45	1017.63	30.05	0.712	123.34	254.01	534.06			
10/10/99 19:00	1017.75	30.05	0.711	123.08	253.54	533.38	533.12		
10/10/99 19:15	1017.88	30.06	0.709	123.08	253.54	532.61			
10/10/99 19:30	1017.75	30.05	0.708	122.82	253.07	532.02			
10/10/99 19:45	1017.88	30.06	0.710	122.56	252.60	532.75			
10/10/99 20:00	1018.13	30.07	0.710	122.56	252.60	532.69	532.33		
10/10/99 20:15	1018.38	30.07	0.709	122.03	251.66	532.04			
10/10/99 20:30	1018.88	30.09	0.710	122.03	251.66	532.14			
10/10/99 20:45	1019.00	30.09	0.709	121.77	251.19	531.44			
10/10/99 21:00	1019.00	30.09	0.710	121.77	251.19	531.93	531.73		
10/10/99 21:15	1019.13	30.09	0.709	121.77	251.19	531.67			
10/10/99 21:30	1019.25	30.10	0.709	121.51	250.72	531.46			
10/10/99 21:45	1019.50	30.11	0.706	121.51	250.72	530.20			
10/10/99 22:00	1019.75	30.11	0.713	121.25	250.25	532.32	530.69		
10/10/99 22:15	1020:00	30.12	0.708	120.99	249.78	530.20			
10/10/99 22:30	1020.00	30.12	0.708	120.73	249.31	530.25			
10/10/99 22:45	1020.00	30.12	0.708	120.73	249.31	530.25			
10/10/99 23:00	1020.13	30.12	0.709	120.21	248.37	530.09	530.25		
10/10/99 23:15	1020.13	30.12	0.711	120.21	248.37	530.60			
10/10/99 23:30	1020.25	30.13	0.708	120.21	248.37	529.84			
10/10/99 23:45	1020.25	30.13	0.709	120.21	248.37	530.08			
10/11/99 0:00	1020.38	30.13	0.709	119.94	247.90	529.65	530.03		
10/11/99 0:15	1020.38	30.13	0.710	119.94	247.90	530.34			
10/11/99 0:30	1020.50	30.14	0.709	119.94	247.90	530.08			
10/11/99 0:45	1020.50	30.14	0.708	119.94	247.90	529.60			
10/11/99 1:00	1020.50	30.14	0.709	119.94	247.90	529.82	529.78		
10/11/99 1:15	1020.63	30.14	0.709	119.94	247.90	530.05			
10/11/99 1:30	1020.63	30.14	0.708	119.94	247.90	529.34			
10/11/99 1:45	1020.75	30.14	0.707	119.94	247.90	529.08			
10/11/99 2:00	1020.88	30.15	0.708	120.21	248.37	529.45	529.50		
10/11/99 2:15	1020.88	30.15	0.710	120.21	248.37	530.38			
10/11/99 2:30	1020.88	30.15	0.707	120.21	248.37	529.23			
10/11/99 2:45	1021.00	30.15	0.710	120.21	248.37	530.35			
10/11/99 3:00	1021.13	30.15	0.708	120.21	248.37	529.61	529.78		
10/11/99 3:15	1021.13	30.15	0.709	120.21	248.37	530.10			
10/11/99 3:30	1021.13	30.15	0.708	120.21	248.37	529.61			
10/11/99 3:45	1021.13	30.15	0.709	120.73	249.31	530.45			
10/11/99 4:00	1021.25	30.16	0.710	120.99	249.78	530.82	530.44		
10/11/99 4:15	1021.25	30.16	0.709	120.99	249.78	530.33			
10/11/99 4:30	1021.38	30.16	0.711	120.99	249.78	531.01			
10/11/99 4:45	1021.50	30.16	0.712	120.99	249.78	531.46			
10/11/99 5:00	1021.63	30.17	0.710	120.99	249.78	530.72	530.81		
10/11/99 5:15	1021.75	30.17	0.710	120.99	249.78	530.69			
10/11/99 5:30	1021.88	30.18	0.709	120.99	249.78	530.17			
10/11/99 5:45	1022.13	30.18	0.709	120.99	249.78	530.36			
10/11/99 6:00	1022.38	30.19	0.711	120.99	249.78	530.97	530.52		
10/11/99 6:15	1022.63	30.20	0.711	120.99	249.78	530.68			
10/11/99 6:30	1022.88	30.21	0.710	120.99	249.78	530.39			
10/11/99 6:45	1023.13	30.21	0.712	120.99	249.78	531.04			
10/11/99 7:00	1023.38	30.22	0.712	120.99	249.78	530.97	530.84		
10/11/99 7:15	1023.50	30.22	0.713	120.99	249.78	531.16			
10/11/99 7:30	1023.75	30.23	0.711	120.99	249.78	530.61			
10/11/99 7:45	1024.00	30.24	0.711	120.73	249.31	530.15			
10/11/99 8:00	1024.25	30.25	0.711	120.73	249.31	530.31	530.35		
10/11/99 8:15	1024.50	30.25	0.712	120.73	249.31	530.51			
10/11/99 8:30	1024.75	30.26	0.711	120.73	249.31	530.18			
10/11/99 8:45	1025.00	30.27	0.711	120.21	248.37	529.54			
10/11/99 9:00	1025.25	30.28	0.730	119.94	247.90	536.48	532.20		
10/11/99 9:15	1025.50	30.28	0.727	119.42	246.96	534.92			
10/11/99 9:30	1025.75	30.29	0.711	120.99	249.78	529.87			
10/11/99 9:45	1025.88	30.29	0.711	120.99	249.78	530.06			
10/11/99 10:00	1026.13	30.30	0.711	120.99	249.78	530.00	530.11		
10/11/99 10:15	1026.25	30.31	0.711	120.99	249.78	529.74			
10/11/99 10:30	1026.25	30.31	0.713	121.25	250.25	530.65			
10/11/99 10:45	1026.25	30.31	0.712	121.77	251.19	530.76			
10/11/99 11:00	1026.38	30.31	0.713	121.77	251.19	531.17	531.28		
10/11/99 11:15	1026.38	30.31	0.714	122.30	252.13	531.75			
10/11/99 11:30	1026.50	30.31	0.714	122.56	252.60	531.89			
10/11/99 11:45	1026.50	30.31	0.714	122.56	252.60	532.15			
10/11/99 12:00	1026.63	30.32	0.716	122.82	253.07	532.74	532.38		
10/11/99 12:15	1026.63	30.32	0.714	123.08	253.54	532.21			
10/11/99 12:30	1026.63	30.32	0.716	123.08	253.54	532.91			
10/11/99 12:45	1026.63	30.32	0.714	123.34	254.01	532.64			
10/11/99 13:00	1026.50	30.31	0.716	123.34	254.01	533.83	533.51		
10/11/99 13:15	1026.38	30.31	0.716	123.60	254.48	533.59			
10/11/99 13:30	1026.25	30.31	0.719	123.60	254.48	534.55			
10/11/99 13:45	1026.13	30.30	0.717	123.86	254.95	534.06			
10/11/99 14:00	1026.00	30.30	0.717	124.13	255.43	534.26	534.52		
10/11/99 14:15	1025.88	30.29	0.717	124.13	255.43	534.30			
10/11/99 14:30	1025.75	30.29	0.719	124.39	255.90	535.44			
10/11/99 14:45	1025.63	30.29	0.716	124.39	255.90	534.31			
10/11/99 15:00	1025.63	30.29	0.718	124.65	256.37	535.18	535.29		
10/11/99 15:15	1025.38	30.28	0.720	124.65	256.37	535.93			
10/11/99 15:30	1025.25	30.28	0.718	125.17	257.31	535.81			
10/11/99 15:45	1025.25	30.28	0.721	124.13	255.43	535.64			
10/11/99 16:00	1025.25	30.28	0.722	125.17	257.31	537.02	536.18		
10/11/99 16:15	1025.38	30.28	0.720	124.39	255.90	535.76			
10/11/99 16:30	1025.50	30.28	0.723	124.39	255.90	536.85			
10/11/99 16:45	1025.38	30.28	0.720	124.91	256.84	536.11			
10/11/99 17:00	1025.50	30.28	0.721	124.13	255.43	535.99	535.90		
10/11/99 17:15	1025.63	30.29	0.719	124.39	255.90	535.47			
10/11/99 17:30	1025.63	30.29	0.719	124.13	255.43	535.29			
10/11/99 17:45	1025.63	30.29	0.721	123.86	254.95	535.79			
10/11/99 18:00	1025.63	30.29	0.718	123.60	254.48	534.46	535.00		
10/11/99 18:15	1025.63	30.29	0.719	123.60	254.48	534.94			
10/11/99 18:30	1025.63	30.29	0.719	123.34	254.01	534.54			
10/11/99 18:45	1025.63	30.29	0.722	123.08	253.54	535.52			
10/11/99 19:00	1025.75	30.29	0.721	122.82	253.07	534.83	534.02		
10/11/99 19:15	1025.75	30.29	0.718	122.03	251.66	533.37			
10/11/99 19:30	1025.88	30.29	0.715	121.51	250.72	531.83			
10/11/99 19:45	1026.00	30.30	0.719	120.73	249.31	532.68			
10/11/99 20:00	1026.13	30.30	0.716	120.21	248.37	531.11	531.60		
10/11/99 20:15	1026.13	30.30	0.717	119.94	247.90	531.41			
10/11/99 20:30	1026.25	30.31	0.716	119.68	247.43	530.98			
10/11/99 20:45	1026.25	30.31	0.718	119.68	247.43	531.43			
10/11/99 21:00	1026.38	30.31	0.718	119.42	246.96	530.51	530.85		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/11/99 21:15	1026.38	30.31	0.715	119.16	246.49	530.12			
10/11/99 21:30	1026.50	30.31	0.718	119.16	246.49	531.23			
10/11/99 21:45	1026.63	30.32	0.717	119.16	246.49	530.76			
10/11/99 22:00	1026.63	30.32	0.714	119.16	246.49	529.83	530.17		
10/11/99 22:15	1026.63	30.32	0.714	118.90	246.02	529.39			
10/11/99 22:30	1026.63	30.32	0.714	118.90	246.02	529.65			
10/11/99 22:45	1026.63	30.32	0.718	118.90	246.02	530.80			
10/11/99 23:00	1026.63	30.32	0.714	119.16	246.49	529.57	530.13		
10/11/99 23:15	1026.63	30.32	0.717	119.42	246.96	530.93			
10/11/99 23:30	1026.63	30.32	0.713	119.68	247.43	529.70			
10/11/99 23:45	1026.63	30.32	0.718	119.68	247.43	531.55			
10/12/99 0:00	1026.63	30.32	0.714	119.68	247.43	530.18	530.86		
10/12/99 0:15	1026.75	30.32	0.719	119.68	247.43	531.78			
10/12/99 0:30	1026.75	30.32	0.717	119.68	247.43	531.08			
10/12/99 0:45	1026.88	30.32	0.717	119.68	247.43	531.04			
10/12/99 1:00	1026.88	30.32	0.717	119.42	246.96	530.87	530.77		
10/12/99 1:15	1026.88	30.32	0.717	119.42	246.96	530.87			
10/12/99 1:30	1026.88	30.32	0.715	119.16	246.49	529.99			
10/12/99 1:45	1027.00	30.33	0.716	119.16	246.49	530.18			
10/12/99 2:00	1026.88	30.32	0.714	119.16	246.49	529.76	529.87		
10/12/99 2:15	1027.00	30.33	0.714	119.16	246.49	529.47			
10/12/99 2:30	1027.00	30.33	0.715	119.18	246.49	529.95			
10/12/99 2:45	1027.00	30.33	0.716	118.90	246.02	530.26			
10/12/99 3:00	1026.88	30.32	0.716	118.90	246.02	530.29	530.16		
10/12/99 3:15	1026.75	30.32	0.716	118.90	246.02	530.06			
10/12/99 3:30	1026.75	30.32	0.716	118.90	246.02	530.32			
10/12/99 3:45	1026.63	30.32	0.713	118.90	246.02	529.17			
10/12/99 4:00	1026.63	30.32	0.714	118.90	246.02	529.65	529.71		
10/12/99 4:15	1028.50	30.31	0.714	118.90	246.02	529.68			
10/12/99 4:30	1026.50	30.31	0.715	118.64	245.55	529.73			
10/12/99 4:45	1026.50	30.31	0.714	118.64	245.55	529.51			
10/12/99 5:00	1026.38	30.31	0.714	118.38	245.08	529.10	529.66		
10/12/99 5:15	1026.25	30.31	0.716	118.38	245.08	529.84			
10/12/99 5:30	1026.25	30.31	0.716	118.38	245.08	530.10			
10/12/99 5:45	1026.13	30.30	0.714	118.38	245.08	529.43			
10/12/99 6:00	1026.00	30.30	0.713	118.38	245.08	528.98	529.43		
10/12/99 6:15	1026.13	30.30	0.716	118.38	245.08	530.13			
10/12/99 6:30	1026.13	30.30	0.712	118.38	245.08	528.50			
10/12/99 6:45	1026.13	30.30	0.715	118.38	245.08	529.65			
10/12/99 7:00	1026.13	30.30	0.714	118.12	244.61	528.99	529.22		
10/12/99 7:15	1026.00	30.30	0.715	118.38	245.08	529.68			
10/12/99 7:30	1026.00	30.30	0.714	118.12	244.61	529.28			
10/12/99 7:45	1026.00	30.30	0.712	118.38	245.08	528.53			
10/12/99 8:00	1026.00	30.30	0.714	118.38	245.08	529.20	529.34		
10/12/99 8:15	1026.00	30.30	0.714	118.64	245.55	529.64			
10/12/99 8:30	1025.88	30.29	0.714	119.16	246.49	530.02			
10/12/99 8:45	1025.88	30.29	0.716	119.42	246.96	530.64			
10/12/99 9:00	1026.00	30.30	0.718	119.68	247.43	531.49	531.05		
10/12/99 9:15	1026.13	30.30	0.718	119.94	247.90	531.88			
10/12/99 9:30	1026.25	30.31	0.716	120.47	248.84	531.25			
10/12/99 9:45	1026.25	30.31	0.716	120.99	249.78	531.88			
10/12/99 10:00	1026.00	30.30	0.716	121.51	250.72	532.02	531.91		
10/12/99 10:15	1025.88	30.29	0.715	121.77	251.19	532.01			
10/12/99 10:30	1025.75	30.29	0.715	122.30	252.13	532.39			
10/12/99 10:45	1025.75	30.29	0.716	122.82	253.07	533.23			
10/12/99 11:00	1025.63	30.29	0.716	122.82	253.07	533.00	533.45		
10/12/99 11:15	1025.50	30.28	0.718	123.34	254.01	534.09			
10/12/99 11:30	1025.38	30.28	0.718	123.60	254.48	534.52			
10/12/99 11:45	1025.00	30.27	0.715	123.60	254.48	533.46			
10/12/99 12:00	1024.88	30.26	0.718	124.13	255.43	535.00	534.63		
10/12/99 12:15	1024.63	30.26	0.717	124.39	255.90	534.80			
10/12/99 12:30	1024.25	30.25	0.718	124.39	255.90	535.34			
10/12/99 12:45	1024.00	30.24	0.716	124.91	256.84	535.09			
10/12/99 13:00	1024.00	30.24	0.720	124.91	256.84	536.47	535.75		
10/12/99 13:15	1023.63	30.23	0.718	125.43	257.78	536.21			
10/12/99 13:30	1023.25	30.22	0.716	125.43	257.78	535.64			
10/12/99 13:45	1023.00	30.21	0.717	125.43	257.78	535.93			
10/12/99 14:00	1022.75	30.20	0.716	125.43	257.78	535.77	536.08		
10/12/99 14:15	1022.50	30.19	0.719	125.43	257.78	536.77			
10/12/99 14:30	1022.25	30.19	0.717	125.69	258.25	536.30			
10/12/99 14:45	1021.88	30.18	0.717	125.69	258.25	536.40			
10/12/99 15:00	1021.50	30.18	0.719	125.69	258.25	537.43	536.99		
10/12/99 15:15	1021.38	30.16	0.718	125.95	258.72	536.93			
10/12/99 15:30	1021.13	30.15	0.719	126.22	259.19	537.88			
10/12/99 15:45	1020.88	30.15	0.716	126.22	259.19	536.79			
10/12/99 16:00	1020.63	30.14	0.719	126.22	259.19	538.01	537.53		
10/12/99 16:15	1020.50	30.14	0.718	126.22	259.19	537.56			
10/12/99 16:30	1020.13	30.12	0.718	126.22	259.19	537.43			
10/12/99 16:45	1019.88	30.12	0.717	125.95	258.72	537.10			
10/12/99 17:00	1019.88	30.12	0.716	125.43	257.78	536.52	536.67		
10/12/99 17:15	1019.75	30.11	0.716	125.17	257.31	536.38			
10/12/99 17:30	1019.75	30.11	0.716	124.91	256.84	535.94			
10/12/99 17:45	1019.63	30.11	0.716	124.65	256.37	536.06			
10/12/99 18:00	1019.50	30.11	0.716	124.39	255.90	535.65	535.72		
10/12/99 18:15	1019.38	30.10	0.714	124.39	255.90	535.24			
10/12/99 18:30	1019.38	30.10	0.716	124.39	255.90	535.69			
10/12/99 18:45	1019.38	30.10	0.716	123.86	254.95	535.60			
10/12/99 19:00	1019.38	30.10	0.718	123.34	254.01	535.92	535.11		
10/12/99 19:15	1019.25	30.10	0.715	122.82	253.07	534.44			
10/12/99 19:30	1019.25	30.10	0.715	122.03	251.66	533.91			
10/12/99 19:45	1019.13	30.09	0.716	121.51	250.72	533.81			
10/12/99 20:00	1019.13	30.09	0.713	120.99	249.78	532.30	532.67		
10/12/99 20:15	1019.13	30.09	0.711	120.73	249.31	531.64			
10/12/99 20:30	1019.00	30.09	0.711	120.73	249.31	531.67			
10/12/99 20:45	1018.88	30.09	0.711	120.21	248.37	531.35			
10/12/99 21:00	1019.00	30.09	0.712	120.21	248.37	531.58	531.06		
10/12/99 21:15	1019.13	30.09	0.709	119.94	247.90	530.18			
10/12/99 21:30	1019.00	30.09	0.710	119.88	247.43	530.52			
10/12/99 21:45	1018.75	30.08	0.709	119.68	247.43	530.10			
10/12/99 22:00	1016.50	30.08	0.713	119.42	246.96	531.41	530.60		
10/12/99 22:15	1018.38	30.07	0.710	119.42	246.96	530.51			
10/12/99 22:30	1018.25	30.07	0.709	119.68	247.43	530.49			
10/12/99 22:45	1018.13	30.07	0.711	119.88	247.43	531.20			
10/12/99 23:00	1018.13	30.07	0.708	119.88	247.43	530.04	530.59		
10/12/99 23:15	1018.25	30.07	0.709	119.68	247.43	530.49			
10/12/99 23:30	1018.25	30.07	0.710	119.88	247.43	530.72			
10/12/99 23:45	1018.13	30.07	0.707	119.16	246.49	529.24			
10/13/99 0:00	1018.00	30.06	0.713	119.16	246.49	531.36	530.20		
10/13/99 0:15	1018.00	30.06	0.709	119.16	246.49	529.94			
10/13/99 0:30	1017.88	30.06	0.708	119.16	246.49	529.75			
10/13/99 0:45	1017.75	30.05	0.706	119.16	246.49	529.07			
10/13/99 1:00	1017.75	30.05	0.707	119.16	246.49	529.33	529.23		
10/13/99 1:15	1017.63	30.05	0.706	119.16	246.49	529.10			
10/13/99 1:30	1017.50	30.05	0.706	119.16	246.49	528.91			
10/13/99 1:45	1017.38	30.04	0.708	119.16	246.49	529.66			
10/13/99 2:00	1017.38	30.04	0.707	119.16	246.49	529.43	529.21		
10/13/99 2:15	1017.38	30.04	0.706	119.16	246.49	529.17			
10/13/99 2:30	1017.38	30.04	0.705	119.42	246.96	528.89			
10/13/99 2:45	1017.25	30.04	0.709	119.88	247.43	530.49			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/13/99 3:00	1017.25	30.04	0.708	119.88	247.43	529.33	529.78		
10/13/99 3:15	1017.13	30.04	0.708	119.88	247.43	530.07			
10/13/99 3:30	1016.88	30.03	0.708	119.88	247.43	530.14			
10/13/99 3:45	1016.88	30.03	0.708	119.88	247.43	529.43			
10/13/99 4:00	1016.50	30.02	0.707	119.88	247.43	530.01	529.76		
10/13/99 4:15	1016.25	30.01	0.705	119.88	247.43	529.36			
10/13/99 4:30	1016.13	30.01	0.708	119.88	247.43	529.85			
10/13/99 4:45	1016.00	30.00	0.708	119.94	247.90	529.83			
10/13/99 5:00	1016.00	30.00	0.703	120.21	248.37	529.07	529.75		
10/13/99 5:15	1016.00	30.00	0.705	120.21	248.37	529.78			
10/13/99 5:30	1015.88	30.00	0.708	120.47	248.84	530.21			
10/13/99 5:45	1015.75	30.00	0.704	120.47	248.84	529.80			
10/13/99 6:00	1015.75	30.00	0.708	120.73	249.31	530.65	530.35		
10/13/99 6:15	1015.63	29.99	0.704	120.99	249.78	529.92			
10/13/99 6:30	1015.50	29.99	0.707	120.99	249.78	531.15			
10/13/99 6:45	1015.50	29.99	0.707	121.51	250.72	531.50			
10/13/99 7:00	1015.38	29.98	0.704	121.51	250.72	530.33	530.88		
10/13/99 7:15	1015.25	29.98	0.705	120.99	249.78	530.50			
10/13/99 7:30	1015.25	29.98	0.708	121.25	250.25	530.91			
10/13/99 7:45	1015.25	29.98	0.703	121.51	250.72	530.14			
10/13/99 8:00	1015.38	29.98	0.708	121.51	250.72	531.05	530.64		
10/13/99 8:15	1015.25	29.98	0.704	121.77	251.19	530.54			
10/13/99 8:30	1015.25	29.98	0.704	121.77	251.19	530.54			
10/13/99 8:45	1014.88	29.97	0.708	121.77	251.19	531.35			
10/13/99 9:00	1014.88	29.97	0.703	121.77	251.19	530.41	530.88		
10/13/99 9:15	1014.75	29.97	0.703	122.03	251.66	530.39			
10/13/99 9:30	1014.50	29.96	0.702	122.56	252.60	530.58			
10/13/99 9:45	1014.25	29.95	0.702	122.82	253.07	530.62			
10/13/99 10:00	1014.00	29.94	0.708	123.08	253.54	532.46	531.38		
10/13/99 10:15	1013.75	29.94	0.705	123.34	254.01	532.46			
10/13/99 10:30	1013.75	29.94	0.699	123.60	254.48	530.53			
10/13/99 10:45	1013.50	29.93	0.704	123.86	254.95	532.67			
10/13/99 11:00	1013.25	29.92	0.704	124.13	255.43	532.91	532.39		
10/13/99 11:15	1013.13	29.92	0.704	124.39	255.90	533.12			
10/13/99 11:30	1012.75	29.91	0.703	124.39	255.90	532.72			
10/13/99 11:45	1012.50	29.90	0.705	124.65	256.37	533.68			
10/13/99 12:00	1012.38	29.90	0.708	124.91	256.84	534.12	533.28		
10/13/99 12:15	1012.00	29.88	0.704	124.91	256.84	533.50			
10/13/99 12:30	1011.63	29.87	0.700	125.17	257.31	532.37			
10/13/99 12:45	1011.25	29.86	0.702	125.17	257.31	533.19			
10/13/99 13:00	1011.13	29.86	0.703	125.43	257.78	533.85	533.43		
10/13/99 13:15	1010.75	29.85	0.702	125.17	257.31	533.32			
10/13/99 13:30	1010.25	29.83	0.703	125.95	258.72	534.43			
10/13/99 13:45	1009.88	29.82	0.703	126.22	259.19	534.48			
10/13/99 14:00	1009.75	29.82	0.701	128.22	259.19	534.01	534.50		
10/13/99 14:15	1009.50	29.81	0.702	125.95	258.72	534.17			
10/13/99 14:30	1009.13	29.80	0.704	126.22	259.19	535.40			
10/13/99 14:45	1008.38	29.78	0.704	126.22	259.19	535.33			
10/13/99 15:00	1007.38	29.75	0.701	126.22	259.19	534.42	534.68		
10/13/99 15:15	1007.63	29.78	0.701	125.69	258.25	534.23			
10/13/99 15:30	1008.00	29.77	0.702	125.17	257.31	534.05			
10/13/99 15:45	1008.63	29.78	0.699	124.65	256.37	532.58			
10/13/99 16:00	1009.63	29.81	0.701	124.39	255.90	532.82	532.65		
10/13/99 16:15	1009.75	29.82	0.699	124.13	255.43	531.93			
10/13/99 16:30	1010.38	29.84	0.701	123.60	254.48	531.87			
10/13/99 16:45	1010.50	29.84	0.699	123.08	253.54	531.04			
10/13/99 17:00	1010.88	29.85	0.699	122.82	253.07	530.50	530.85		
10/13/99 17:15	1011.13	29.86	0.699	122.56	252.60	530.26			
10/13/99 17:30	1011.75	29.88	0.700	122.56	252.60	530.58			
10/13/99 17:45	1012.38	29.90	0.701	122.03	251.66	530.52			
10/13/99 18:00	1012.88	29.91	0.698	121.77	251.19	528.82	529.87		
10/13/99 18:15	1013.25	29.92	0.703	121.51	250.72	530.44			
10/13/99 18:30	1013.63	29.93	0.699	121.25	250.25	528.99			
10/13/99 18:45	1014.00	29.94	0.701	120.99	249.78	529.17			
10/13/99 19:00	1014.50	29.96	0.702	120.99	249.78	529.53	529.11		
10/13/99 19:15	1015.13	29.98	0.703	120.73	249.31	529.42			
10/13/99 19:30	1015.63	29.99	0.701	120.21	248.37	528.45			
10/13/99 19:45	1016.13	30.01	0.701	119.94	247.90	528.14			
10/13/99 20:00	1016.75	30.02	0.705	119.94	247.90	529.41	528.59		
10/13/99 20:15	1017.38	30.04	0.704	119.94	247.90	528.76			
10/13/99 20:30	1017.75	30.05	0.703	119.94	247.90	526.21			
10/13/99 20:45	1018.00	30.06	0.704	119.68	247.43	528.42			
10/13/99 21:00	1018.25	30.07	0.701	119.88	247.43	527.42	527.95		
10/13/99 21:15	1018.50	30.08	0.703	119.42	246.96	527.66			
10/13/99 21:30	1018.75	30.08	0.704	119.42	246.96	528.05			
10/13/99 21:45	1018.88	30.09	0.704	119.16	246.49	527.84			
10/13/99 22:00	1019.13	30.09	0.704	119.16	246.49	527.78	527.46		
10/13/99 22:15	1019.25	30.10	0.702	119.16	246.49	527.07			
10/13/99 22:30	1019.38	30.10	0.701	119.16	246.49	526.55			
10/13/99 22:45	1019.63	30.11	0.703	119.16	246.49	527.42			
10/13/99 23:00	1019.75	30.11	0.705	119.16	246.49	528.10	527.56		
10/13/99 23:15	1019.88	30.12	0.705	119.16	246.49	528.07			
10/13/99 23:30	1019.88	30.12	0.704	118.90	246.02	527.67			
10/13/99 23:45	1020.00	30.12	0.708	118.90	246.02	528.31			
10/14/99 0:00	1019.88	30.12	0.704	118.90	246.02	527.87	527.56		
10/14/99 0:15	1019.88	30.12	0.704	118.90	246.02	527.41			
10/14/99 0:30	1019.88	30.12	0.702	118.90	246.02	526.73			
10/14/99 0:45	1019.88	30.12	0.702	118.38	245.08	526.38			
10/14/99 1:00	1019.75	30.11	0.704	118.38	245.08	527.35	526.93		
10/14/99 1:15	1019.75	30.11	0.703	118.38	245.08	526.88			
10/14/99 1:30	1019.88	30.12	0.704	118.38	245.08	527.32			
10/14/99 1:45	1020.13	30.12	0.708	118.38	245.08	527.93			
10/14/99 2:00	1020.38	30.13	0.708	118.38	245.08	528.57	528.02		
10/14/99 2:15	1020.63	30.14	0.708	118.38	245.08	528.51			
10/14/99 2:30	1020.75	30.14	0.708	118.38	245.08	527.77			
10/14/99 2:45	1020.88	30.15	0.708	118.38	245.08	527.51			
10/14/99 3:00	1020.88	30.15	0.705	118.38	245.08	527.28	527.45		
10/14/99 3:15	1021.13	30.15	0.705	118.38	245.08	527.22			
10/14/99 3:30	1021.25	30.18	0.706	118.12	244.61	527.46			
10/14/99 3:45	1021.13	30.15	0.704	118.12	244.61	526.82			
10/14/99 4:00	1021.25	30.16	0.706	118.12	244.61	527.24	527.23		
10/14/99 4:15	1021.25	30.16	0.706	118.12	244.61	527.24			
10/14/99 4:30	1021.25	30.16	0.706	118.38	245.08	527.41			
10/14/99 4:45	1021.50	30.16	0.706	118.38	245.08	527.35			
10/14/99 5:00	1021.50	30.16	0.708	118.38	245.08	528.06	527.42		
10/14/99 5:15	1021.50	30.16	0.706	118.12	244.61	527.40			
10/14/99 5:30	1021.75	30.17	0.705	118.12	244.61	526.88			
10/14/99 5:45	1022.13	30.18	0.706	118.12	244.61	527.23			
10/14/99 6:00	1022.38	30.19	0.705	118.12	244.61	526.72	526.87		
10/14/99 6:15	1022.38	30.19	0.704	117.85	244.14	526.32			
10/14/99 6:30	1022.63	30.20	0.707	117.85	244.14	527.19			
10/14/99 6:45	1023.00	30.21	0.709	117.85	244.14	527.76			
10/14/99 7:00	1023.13	30.21	0.704	117.85	244.14	525.87	526.99		
10/14/99 7:15	1023.38	30.22	0.709	117.85	244.14	527.67			
10/14/99 7:30	1023.50	30.22	0.706	117.85	244.14	526.48			
10/14/99 7:45	1023.50	30.22	0.704	117.59	243.67	525.86			
10/14/99 8:00	1023.50	30.22	0.705	117.33	243.20	525.90	526.33		
10/14/99 8:15	1023.50	30.22	0.707	117.33	243.20	526.61			
10/14/99 8:30	1023.83	30.23	0.708	117.33	243.20	526.80			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/14/99 8:45	1023.75	30.23	0.707	117.33	243.20	528.55			
10/14/99 9:00	1024.00	30.24	0.708	117.33	243.20	528.71	528.94		
10/14/99 9:15	1024.38	30.25	0.708	117.33	243.20	528.83			
10/14/99 9:30	1024.50	30.25	0.740	116.29	241.32	537.82			
10/14/99 9:45	1024.38	30.25	0.704	117.33	243.20	525.20			
10/14/99 10:00	1024.50	30.25	0.704	117.85	244.14	525.78	528.58		
10/14/99 10:15	1024.63	30.26	0.708	118.12	244.61	527.30			
10/14/99 10:30	1024.50	30.25	0.706	118.38	245.08	526.80			
10/14/99 10:45	1024.50	30.25	0.707	118.64	245.55	527.24			
10/14/99 11:00	1024.50	30.25	0.708	118.64	245.55	527.88	527.53		
10/14/99 11:15	1024.50	30.25	0.708	118.90	246.02	527.86			
10/14/99 11:30	1024.38	30.25	0.708	119.16	246.49	528.07			
10/14/99 11:45	1024.25	30.25	0.708	119.16	246.49	527.67			
10/14/99 12:00	1024.00	30.24	0.708	119.42	246.96	528.34	528.39		
10/14/99 12:15	1023.75	30.23	0.709	119.68	247.43	529.06			
10/14/99 12:30	1023.63	30.23	0.708	119.68	247.43	528.61			
10/14/99 12:45	1023.50	30.22	0.708	119.94	247.90	528.60			
10/14/99 13:00	1023.38	30.22	0.708	119.94	247.90	528.85	528.58		
10/14/99 13:15	1023.13	30.21	0.706	120.21	248.37	528.38			
10/14/99 13:30	1022.88	30.21	0.706	120.21	248.37	528.45			
10/14/99 13:45	1022.75	30.20	0.703	120.73	249.31	527.67			
10/14/99 14:00	1022.38	30.19	0.703	120.99	249.78	527.94	528.46		
10/14/99 14:15	1022.13	30.18	0.706	121.25	250.25	529.12			
10/14/99 14:30	1022.00	30.18	0.706	121.25	250.25	529.15			
10/14/99 14:45	1021.88	30.18	0.706	121.77	251.19	529.76			
10/14/99 15:00	1021.75	30.17	0.703	121.77	251.19	528.63	529.26		
10/14/99 15:15	1021.50	30.16	0.704	122.03	251.66	529.09			
10/14/99 15:30	1021.25	30.16	0.706	121.77	251.19	529.69			
10/14/99 15:45	1021.25	30.16	0.706	122.30	252.13	530.04			
10/14/99 16:00	1021.13	30.15	0.704	122.56	252.60	529.80	529.81		
10/14/99 16:15	1021.00	30.15	0.704	122.56	252.60	529.83			
10/14/99 16:30	1020.88	30.15	0.704	122.30	252.13	529.69			
10/14/99 16:45	1020.75	30.14	0.704	122.56	252.60	529.90			
10/14/99 17:00	1020.75	30.14	0.705	122.03	251.66	529.77	529.50		
10/14/99 17:15	1020.50	30.14	0.704	121.51	250.72	529.26			
10/14/99 17:30	1020.38	30.13	0.704	121.25	250.25	528.86			
10/14/99 17:45	1020.25	30.13	0.703	121.25	250.25	528.44			
10/14/99 18:00	1020.25	30.13	0.703	121.25	250.25	528.66	528.81		
10/14/99 18:15	1020.38	30.13	0.704	120.99	249.78	528.94			
10/14/99 18:30	1020.38	30.13	0.705	120.99	249.78	529.17			
10/14/99 18:45	1020.38	30.13	0.704	120.73	249.31	528.77			
10/14/99 19:00	1020.50	30.14	0.701	120.21	248.37	527.18	528.04		
10/14/99 19:15	1020.63	30.14	0.704	119.68	247.43	527.74			
10/14/99 19:30	1020.75	30.14	0.704	119.16	246.49	527.38			
10/14/99 19:45	1020.88	30.15	0.703	118.90	246.02	526.92			
10/14/99 20:00	1020.75	30.14	0.703	118.38	245.08	526.38	526.86		
10/14/99 20:15	1020.75	30.14	0.703	118.12	244.61	526.43			
10/14/99 20:30	1020.75	30.14	0.706	117.85	244.14	527.19			
10/14/99 20:45	1020.88	30.15	0.703	117.85	244.14	526.22			
10/14/99 21:00	1021.00	30.15	0.701	117.59	243.67	525.08	525.95		
10/14/99 21:15	1020.88	30.15	0.702	117.59	243.67	525.60			
10/14/99 21:30	1020.88	30.15	0.703	117.33	243.20	525.65			
10/14/99 21:45	1020.88	30.15	0.704	117.33	243.20	526.09			
10/14/99 22:00	1021.00	30.15	0.701	117.33	243.20	524.90	525.30		
10/14/99 22:15	1021.13	30.15	0.703	117.33	243.20	525.58			
10/14/99 22:30	1021.00	30.15	0.699	117.07	242.73	524.28			
10/14/99 22:45	1020.88	30.15	0.703	116.81	242.26	525.29			
10/14/99 23:00	1020.75	30.14	0.701	116.81	242.26	524.62	524.32		
10/14/99 23:15	1020.63	30.14	0.699	116.55	241.79	524.02			
10/14/99 23:30	1020.38	30.13	0.698	116.55	241.79	523.37			
10/14/99 23:45	1020.25	30.13	0.700	116.81	242.26	524.52			
10/15/99 0:00	1020.25	30.13	0.701	116.55	241.79	524.57	524.03		
10/15/99 0:15	1020.13	30.12	0.696	116.81	242.26	523.13			
10/15/99 0:30	1020.00	30.12	0.700	116.81	242.26	524.58			
10/15/99 0:45	1019.88	30.12	0.699	116.81	242.26	524.13			
10/15/99 1:00	1019.75	30.11	0.702	116.81	242.26	525.36	524.36		
10/15/99 1:15	1019.75	30.11	0.699	116.81	242.26	524.16			
10/15/99 1:30	1019.63	30.11	0.698	116.55	241.79	523.57			
10/15/99 1:45	1019.63	30.11	0.699	116.55	241.79	524.26			
10/15/99 2:00	1019.75	30.11	0.700	116.81	242.26	524.65	523.97		
10/15/99 2:15	1020.00	30.12	0.699	116.81	242.26	524.10			
10/15/99 2:30	1020.00	30.12	0.697	116.55	241.79	523.25			
10/15/99 2:45	1020.00	30.12	0.700	116.55	241.79	524.41			
10/15/99 3:00	1020.00	30.12	0.697	116.55	241.79	523.25	523.43		
10/15/99 3:15	1020.00	30.12	0.696	116.55	241.79	523.70			
10/15/99 3:30	1019.88	30.12	0.695	116.55	241.79	522.56			
10/15/99 3:45	1019.88	30.12	0.699	116.29	241.32	523.76			
10/15/99 4:00	1020.00	30.12	0.698	115.78	240.37	523.17	522.89		
10/15/99 4:15	1020.00	30.12	0.697	116.02	240.84	522.89			
10/15/99 4:30	1020.13	30.12	0.696	115.50	239.90	522.02			
10/15/99 4:45	1020.13	30.12	0.698	115.50	239.90	522.74			
10/15/99 5:00	1020.00	30.12	0.695	116.29	241.32	522.36	522.46		
10/15/99 5:15	1020.00	30.12	0.696	115.50	239.90	522.28			
10/15/99 5:30	1020.00	30.12	0.697	116.02	240.84	522.89			
10/15/99 5:45	1020.00	30.12	0.696	115.78	240.37	522.46			
10/15/99 6:00	1020.00	30.12	0.695	115.50	239.90	521.63	522.46		
10/15/99 6:15	1020.13	30.12	0.698	115.78	240.37	522.91			
10/15/99 6:30	1020.13	30.12	0.696	115.78	240.37	522.20			
10/15/99 6:45	1020.25	30.13	0.695	115.50	239.90	521.77			
10/15/99 7:00	1020.38	30.13	0.696	115.50	239.90	522.19	522.33		
10/15/99 7:15	1020.50	30.14	0.698	115.78	240.37	522.82			
10/15/99 7:30	1020.38	30.13	0.698	115.50	239.90	522.67			
10/15/99 7:45	1020.38	30.13	0.696	115.50	239.90	521.96			
10/15/99 8:00	1020.13	30.12	0.699	116.02	240.84	523.54	522.89		
10/15/99 8:15	1020.25	30.13	0.696	115.78	240.37	522.17			
10/15/99 8:30	1020.13	30.12	0.698	115.78	240.37	523.14			
10/15/99 8:45	1020.00	30.12	0.696	116.02	240.84	522.41			
10/15/99 9:00	1020.13	30.12	0.697	116.55	241.79	523.21	523.17		
10/15/99 9:15	1020.13	30.12	0.695	117.33	243.20	523.02			
10/15/99 9:30	1020.25	30.13	0.697	117.85	244.14	524.06			
10/15/99 9:45	1020.38	30.13	0.696	118.12	244.61	523.94			
10/15/99 10:00	1020.38	30.13	0.701	118.38	245.08	525.77	525.71		
10/15/99 10:15	1020.25	30.13	0.703	118.90	246.02	527.09			
10/15/99 10:30	1020.13	30.12	0.704	119.42	246.96	527.69			
10/15/99 10:45	1020.00	30.12	0.703	119.68	247.43	527.68			
10/15/99 11:00	1020.13	30.12	0.702	119.94	247.90	527.37	527.76		
10/15/99 11:15	1020.13	30.12	0.703	120.47	248.84	527.95			
10/15/99 11:30	1020.00	30.12	0.702	120.99	249.78	528.10			
10/15/99 11:45	1019.75	30.11	0.702	121.25	250.25	528.34			
10/15/99 12:00	1019.63	30.11	0.700	121.77	251.19	528.01	528.64		
10/15/99 12:15	1019.50	30.11	0.702	122.03	251.66	528.93			
10/15/99 12:30	1019.25	30.10	0.703	122.56	252.60	529.80			
10/15/99 12:45	1019.00	30.09	0.703	122.82	253.07	529.81			
10/15/99 13:00	1018.88	30.09	0.701	123.08	253.54	529.53	529.69		
10/15/99 13:15	1018.63	30.08	0.699	123.34	254.01	528.82			
10/15/99 13:30	1018.25	30.07	0.702	123.86	254.95	530.46			
10/15/99 13:45	1018.00	30.06	0.703	124.13	255.43	530.95			
10/15/99 14:00	1017.75	30.05	0.701	124.39	255.90	530.47	531.01		
10/15/99 14:15	1017.50	30.05	0.704	124.65	256.37	531.88			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/15/99 14:30	1017.13	30.04	0.702	124.65	256.37	531.30			
10/15/99 14:45	1017.00	30.03	0.702	124.91	256.84	531.50			
10/15/99 15:00	1017.00	30.03	0.702	125.17	257.31	531.88	531.93		
10/15/99 15:15	1016.75	30.02	0.704	125.43	257.78	532.60			
10/15/99 15:30	1016.63	30.02	0.705	124.65	256.37	532.60			
10/15/99 15:45	1016.63	30.02	0.701	125.43	257.78	531.46			
10/15/99 16:00	1016.63	30.02	0.704	125.43	257.78	532.63	532.15		
10/15/99 16:15	1016.63	30.02	0.704	124.91	256.84	532.26			
10/15/99 16:30	1016.63	30.02	0.702	125.17	257.31	531.77			
10/15/99 16:45	1016.50	30.02	0.702	125.43	257.78	531.98			
10/15/99 17:00	1016.50	30.02	0.704	125.17	257.31	532.49	532.09		
10/15/99 17:15	1016.38	30.01	0.703	124.91	256.84	531.89			
10/15/99 17:30	1016.50	30.02	0.704	124.91	256.84	532.31			
10/15/99 17:45	1016.63	30.02	0.704	124.65	256.37	532.11			
10/15/99 18:00	1016.50	30.02	0.703	124.65	256.37	531.69	532.05		
10/15/99 18:15	1016.50	30.02	0.703	124.39	255.90	531.74			
10/15/99 18:30	1016.63	30.02	0.705	124.39	255.90	532.42			
10/15/99 18:45	1016.63	30.02	0.702	124.39	255.90	531.25			
10/15/99 19:00	1016.75	30.02	0.703	123.86	254.95	531.10	531.07		
10/15/99 19:15	1016.75	30.02	0.702	123.08	253.54	530.35			
10/15/99 19:30	1016.75	30.02	0.703	122.56	252.60	530.22			
10/15/99 19:45	1016.88	30.03	0.701	122.03	251.66	529.35			
10/15/99 20:00	1016.88	30.03	0.700	121.77	251.19	528.72	529.15		
10/15/99 20:15	1017.00	30.03	0.700	121.77	251.19	528.69			
10/15/99 20:30	1016.75	30.02	0.700	121.77	251.19	528.75			
10/15/99 20:45	1016.75	30.02	0.703	121.77	251.19	529.70			
10/15/99 21:00	1016.75	30.02	0.701	121.77	251.19	529.21	529.33		
10/15/99 21:15	1016.88	30.03	0.701	121.77	251.19	528.95			
10/15/99 21:30	1017.00	30.03	0.703	122.03	251.66	530.03			
10/15/99 21:45	1017.00	30.03	0.701	122.03	251.66	529.09			
10/15/99 22:00	1017.13	30.04	0.698	121.77	251.19	527.71	528.84		
10/15/99 22:15	1017.13	30.04	0.698	121.77	251.19	527.94			
10/15/99 22:30	1017.13	30.04	0.703	121.51	250.72	529.42			
10/15/99 22:45	1017.25	30.04	0.701	120.99	249.78	528.55			
10/15/99 23:00	1017.25	30.04	0.704	120.73	249.31	529.32	530.08		
10/15/99 23:15	1017.13	30.04	0.712	120.47	248.84	532.25			
10/15/99 23:30	1017.25	30.04	0.709	120.21	248.37	530.84			
10/15/99 23:45	1017.25	30.04	0.710	120.21	248.37	531.33			
10/16/99 0:00	1017.25	30.04	0.709	120.21	248.37	530.84	531.00		
10/16/99 0:15	1017.13	30.04	0.709	119.94	247.90	530.96			
10/16/99 0:30	1017.13	30.04	0.710	119.68	247.43	531.01			
10/16/99 0:45	1017.00	30.03	0.709	119.68	247.43	530.56			
10/16/99 1:00	1017.00	30.03	0.708	119.68	247.43	530.33	530.49		
10/16/99 1:15	1016.88	30.03	0.708	119.68	247.43	530.14			
10/16/99 1:30	1016.88	30.03	0.709	119.42	246.96	530.41			
10/16/99 1:45	1017.00	30.03	0.707	119.68	247.43	529.68			
10/16/99 2:00	1017.13	30.04	0.710	119.68	247.43	531.01	530.35		
10/16/99 2:15	1017.13	30.04	0.709	119.42	246.96	530.35			
10/16/99 2:30	1017.13	30.04	0.708	119.42	246.96	530.12			
10/16/99 2:45	1017.13	30.04	0.709	119.42	246.96	530.35			
10/16/99 3:00	1017.13	30.04	0.708	119.16	246.49	529.72	530.11		
10/16/99 3:15	1017.13	30.04	0.709	119.16	246.49	530.17			
10/16/99 3:30	1017.13	30.04	0.709	119.16	246.49	530.17			
10/16/99 3:45	1017.25	30.04	0.709	119.42	246.96	530.58			
10/16/99 4:00	1017.25	30.04	0.708	119.16	246.49	529.69	529.87		
10/16/99 4:15	1017.25	30.04	0.707	119.16	246.49	529.46			
10/16/99 4:30	1017.38	30.04	0.707	119.16	246.49	529.43			
10/16/99 4:45	1017.38	30.04	0.708	119.16	246.49	529.88			
10/16/99 5:00	1017.50	30.05	0.709	119.16	246.49	530.33	529.80		
10/16/99 5:15	1017.75	30.05	0.707	119.16	246.49	529.33			
10/16/99 5:30	1017.75	30.05	0.709	119.16	246.49	530.01			
10/16/99 5:45	1017.75	30.05	0.708	119.16	246.49	529.56			
10/16/99 6:00	1017.88	30.06	0.708	119.16	246.49	529.53	529.96		
10/16/99 6:15	1017.88	30.06	0.709	119.16	246.49	530.24			
10/16/99 6:30	1017.88	30.06	0.710	119.16	246.49	530.46			
10/16/99 6:45	1017.88	30.06	0.707	119.42	246.96	529.48			
10/16/99 7:00	1018.00	30.06	0.713	119.42	246.96	531.54	530.35		
10/16/99 7:15	1018.13	30.07	0.709	119.68	247.43	530.26			
10/16/99 7:30	1018.13	30.07	0.708	119.68	247.43	530.04			
10/16/99 7:45	1018.25	30.07	0.708	119.68	247.43	529.78			
10/16/99 8:00	1018.38	30.07	0.710	119.88	247.43	530.68	530.05		
10/16/99 8:15	1018.50	30.08	0.706	119.94	247.90	529.40			
10/16/99 8:30	1018.50	30.08	0.709	119.94	247.90	530.34			
10/16/99 8:45	1018.50	30.08	0.709	120.21	248.37	530.52			
10/16/99 9:00	1018.63	30.08	0.708	120.21	248.37	530.26	530.83		
10/16/99 9:15	1018.75	30.08	0.709	120.73	249.31	531.07			
10/16/99 9:30	1018.75	30.08	0.709	120.99	249.78	530.98			
10/16/99 9:45	1018.75	30.08	0.709	121.51	250.72	531.33			
10/16/99 10:00	1018.83	30.08	0.709	121.77	251.19	531.54	531.79		
10/16/99 10:15	1018.75	30.08	0.711	122.30	252.13	532.57			
10/16/99 10:30	1018.75	30.08	0.710	122.56	252.60	532.52			
10/16/99 10:45	1018.75	30.08	0.711	122.82	253.07	532.92			
10/16/99 11:00	1018.75	30.08	0.715	123.34	254.01	534.92	533.43		
10/16/99 11:15	1018.63	30.08	0.711	123.60	254.48	533.48			
10/16/99 11:30	1018.38	30.07	0.710	123.60	254.48	533.32			
10/16/99 11:45	1018.25	30.07	0.713	124.39	255.90	535.05			
10/16/99 12:00	1018.25	30.07	0.714	124.39	255.90	535.53	534.83		
10/16/99 12:15	1018.25	30.07	0.713	124.91	256.84	535.40			
10/16/99 12:30	1018.25	30.07	0.711	125.17	257.31	534.86			
10/16/99 12:45	1018.13	30.07	0.710	125.43	257.78	534.62			
10/16/99 13:00	1017.75	30.05	0.714	125.43	257.78	536.11	535.54		
10/16/99 13:15	1017.63	30.05	0.713	125.69	258.25	535.86			
10/16/99 13:30	1017.38	30.04	0.713	126.22	259.19	536.26			
10/16/99 13:45	1017.13	30.04	0.713	126.22	259.19	536.57			
10/16/99 14:00	1017.00	30.03	0.713	126.48	259.66	536.55	536.88		
10/16/99 14:15	1016.75	30.02	0.714	126.74	260.13	537.51			
10/16/99 14:30	1016.50	30.02	0.714	127.00	260.60	537.49			
10/16/99 14:45	1016.38	30.01	0.713	127.26	261.07	537.47			
10/16/99 15:00	1016.13	30.01	0.713	127.26	261.07	537.31	537.20		
10/16/99 15:15	1016.13	30.01	0.712	127.26	261.07	537.08			
10/16/99 15:30	1016.13	30.01	0.711	127.00	260.60	536.65			
10/16/99 15:45	1016.13	30.01	0.714	127.26	261.07	538.03			
10/16/99 16:00	1016.13	30.01	0.713	127.26	261.07	537.31	537.37		
10/16/99 16:15	1016.13	30.01	0.714	127.26	261.07	537.76			
10/16/99 16:30	1016.13	30.01	0.712	127.28	261.07	537.08			
10/16/99 16:45	1016.00	30.00	0.715	127.28	261.07	538.29			
10/16/99 17:00	1016.00	30.00	0.713	127.00	260.60	537.17	537.43		
10/16/99 17:15	1016.00	30.00	0.714	127.00	260.60	537.62			
10/16/99 17:30	1015.88	30.00	0.712	127.00	260.60	536.96			
10/16/99 17:45	1015.88	30.00	0.714	126.74	260.13	537.74			
10/16/99 18:00	1015.88	30.00	0.712	126.22	259.19	536.45	536.69		
10/16/99 18:15	1015.88	30.00	0.713	126.22	259.19	536.66			
10/16/99 18:30	1015.88	30.00	0.711	125.69	258.25	535.61			
10/16/99 18:45	1016.00	30.00	0.713	125.43	257.78	536.12			
10/16/99 19:00	1015.88	30.00	0.712	125.43	257.78	535.92	535.51		
10/16/99 19:15	1016.00	30.00	0.711	125.43	257.78	535.63			
10/16/99 19:30	1016.13	30.01	0.709	124.91	256.84	534.30			
10/16/99 19:45	1016.13	30.01	0.711	124.65	256.37	534.84			
10/16/99 20:00	1016.25	30.01	0.711	124.39	255.90	534.63	534.43		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/16/99 20:15	1016.25	30.01	0.709	124.39	255.90	533.92			
10/16/99 20:30	1016.25	30.01	0.711	124.13	255.43	534.46			
10/16/99 20:45	1016.25	30.01	0.711	124.13	255.43	534.46			
10/16/99 21:00	1016.25	30.01	0.709	123.60	254.48	533.65	533.63		
10/16/99 21:15	1016.38	30.01	0.709	123.60	254.48	533.82			
10/16/99 21:30	1016.38	30.01	0.708	123.34	254.01	532.96			
10/16/99 21:45	1016.50	30.02	0.709	123.34	254.01	533.41			
10/16/99 22:00	1016.50	30.02	0.707	123.34	254.01	532.47	532.91		
10/16/99 22:15	1016.50	30.02	0.708	123.08	253.54	532.75			
10/16/99 22:30	1016.50	30.02	0.709	123.08	253.54	532.97			
10/16/99 22:45	1016.38	30.01	0.708	123.08	253.54	532.76			
10/16/99 23:00	1016.38	30.01	0.709	123.08	253.54	533.01	532.82		
10/16/99 23:15	1016.38	30.01	0.709	123.08	253.54	533.01			
10/16/99 23:30	1016.38	30.01	0.707	123.08	253.54	532.33			
10/16/99 23:45	1016.25	30.01	0.709	123.08	253.54	533.30			
10/17/99 0:00	1016.13	30.01	0.709	123.08	253.54	533.07	532.89		
10/17/99 0:15	1016.00	30.00	0.709	123.08	253.54	533.11			
10/17/99 0:30	1016.13	30.01	0.708	123.08	253.54	532.62			
10/17/99 0:45	1016.13	30.01	0.708	122.82	253.07	532.67			
10/17/99 1:00	1016.00	30.00	0.708	123.08	253.54	532.65	532.88		
10/17/99 1:15	1016.25	30.01	0.709	123.08	253.54	533.30			
10/17/99 1:30	1016.25	30.01	0.709	123.08	253.54	533.04			
10/17/99 1:45	1016.38	30.01	0.709	123.08	253.54	533.01			
10/17/99 2:00	1016.13	30.01	0.707	122.82	253.07	532.22	532.89		
10/17/99 2:15	1016.25	30.01	0.710	122.82	253.07	533.35			
10/17/99 2:30	1016.38	30.01	0.709	122.82	253.07	532.83			
10/17/99 2:45	1016.38	30.01	0.708	122.82	253.07	532.61			
10/17/99 3:00	1016.38	30.01	0.708	122.82	253.07	532.38	532.58		
10/17/99 3:15	1016.13	30.01	0.707	122.82	253.07	532.22			
10/17/99 3:30	1016.25	30.01	0.709	122.82	253.07	532.88			
10/17/99 3:45	1016.38	30.01	0.707	123.08	253.54	532.33			
10/17/99 4:00	1016.38	30.01	0.707	123.08	253.54	532.33	532.66		
10/17/99 4:15	1016.38	30.01	0.708	123.08	253.54	532.78			
10/17/99 4:30	1016.50	30.02	0.709	123.08	253.54	532.97			
10/17/99 4:45	1016.63	30.02	0.706	122.82	253.07	531.83			
10/17/99 5:00	1016.50	30.02	0.708	122.82	253.07	532.57	532.19		
10/17/99 5:15	1016.50	30.02	0.706	122.56	252.60	531.68			
10/17/99 5:30	1016.75	30.02	0.707	122.56	252.60	531.88			
10/17/99 5:45	1016.50	30.02	0.707	122.30	252.13	531.77			
10/17/99 6:00	1016.63	30.02	0.708	122.03	251.66	531.79	531.66		
10/17/99 6:15	1016.75	30.02	0.707	122.03	251.66	531.53			
10/17/99 6:30	1016.75	30.02	0.707	121.77	251.19	531.35			
10/17/99 6:45	1016.75	30.02	0.708	121.77	251.19	531.58			
10/17/99 7:00	1016.75	30.02	0.708	121.77	251.19	531.80	531.67		
10/17/99 7:15	1016.75	30.02	0.708	121.77	251.19	531.58			
10/17/99 7:30	1016.75	30.02	0.709	121.77	251.19	532.03			
10/17/99 7:45	1016.75	30.02	0.708	121.77	251.19	531.80			
10/17/99 8:00	1016.63	30.02	0.706	121.77	251.19	531.12	531.36		
10/17/99 8:15	1016.50	30.02	0.706	121.77	251.19	531.16			
10/17/99 8:30	1016.75	30.02	0.706	121.51	250.72	530.69			
10/17/99 8:45	1016.88	30.03	0.706	121.51	250.72	530.68			
10/17/99 9:00	1016.88	30.03	0.706	121.51	250.72	530.68	530.71		
10/17/99 9:15	1016.88	30.03	0.708	121.51	250.72	531.37			
10/17/99 9:30	1017.00	30.03	0.704	121.51	250.72	530.17			
10/17/99 9:45	1017.00	30.03	0.707	121.51	250.72	531.11			
10/17/99 10:00	1017.13	30.04	0.706	120.99	249.78	530.24	530.32		
10/17/99 10:15	1017.38	30.04	0.704	120.99	249.78	529.46			
10/17/99 10:30	1017.50	30.05	0.707	120.99	249.78	530.63			
10/17/99 10:45	1017.38	30.04	0.706	120.99	249.78	530.40			
10/17/99 11:00	1017.13	30.04	0.706	120.99	249.78	530.47	530.48		
10/17/99 11:15	1017.13	30.04	0.706	120.99	249.78	530.47			
10/17/99 11:30	1017.25	30.04	0.706	120.99	249.78	530.43			
10/17/99 11:45	1017.25	30.04	0.707	120.73	249.31	530.52			
10/17/99 12:00	1017.25	30.04	0.708	120.73	249.31	530.74	530.15		
10/17/99 12:15	1017.13	30.04	0.704	120.73	249.31	529.61			
10/17/99 12:30	1016.88	30.03	0.704	120.73	249.31	529.42			
10/17/99 12:45	1017.13	30.04	0.703	120.73	249.31	529.12			
10/17/99 13:00	1017.13	30.04	0.706	120.73	249.31	530.06	529.65		
10/17/99 13:15	1016.88	30.03	0.706	120.73	249.31	530.35			
10/17/99 13:30	1016.63	30.02	0.704	120.47	248.84	529.30			
10/17/99 13:45	1016.50	30.02	0.707	120.21	248.37	530.36			
10/17/99 14:00	1016.38	30.01	0.705	120.21	248.37	529.68	529.55		
10/17/99 14:15	1016.38	30.01	0.705	120.21	248.37	529.68			
10/17/99 14:30	1016.50	30.02	0.703	120.21	248.37	528.71			
10/17/99 14:45	1016.38	30.01	0.706	120.21	248.37	529.91			
10/17/99 15:00	1016.50	30.02	0.706	119.94	247.90	529.92	529.31		
10/17/99 15:15	1016.50	30.02	0.703	119.94	247.90	528.76			
10/17/99 15:30	1016.50	30.02	0.704	119.94	247.90	529.25			
10/17/99 15:45	1016.50	30.02	0.704	119.94	247.90	529.25			
10/17/99 16:00	1016.50	30.02	0.704	119.94	247.90	529.25	528.98		
10/17/99 16:15	1016.63	30.02	0.704	119.94	247.90	528.95			
10/17/99 16:30	1016.88	30.03	0.702	119.94	247.90	528.21			
10/17/99 16:45	1017.00	30.03	0.703	119.94	247.90	528.83			
10/17/99 17:00	1017.13	30.04	0.704	119.94	247.90	529.09	528.76		
10/17/99 17:15	1017.13	30.04	0.706	119.94	247.90	529.54			
10/17/99 17:30	1017.25	30.04	0.703	119.94	247.90	528.34			
10/17/99 17:45	1017.25	30.04	0.707	119.88	247.43	529.82			
10/17/99 18:00	1017.25	30.04	0.703	119.68	247.43	528.39	528.60		
10/17/99 18:15	1017.25	30.04	0.704	119.94	247.90	528.79			
10/17/99 18:30	1017.25	30.04	0.701	119.68	247.43	527.88			
10/17/99 18:45	1017.25	30.04	0.704	119.68	247.43	528.88			
10/17/99 19:00	1017.50	30.05	0.704	119.66	247.43	528.81	528.59		
10/17/99 19:15	1017.50	30.05	0.705	119.68	247.43	529.04			
10/17/99 19:30	1017.50	30.05	0.704	119.68	247.43	528.55			
10/17/99 19:45	1017.50	30.05	0.704	119.94	247.90	528.73			
10/17/99 20:00	1017.50	30.05	0.704	119.94	247.90	528.73	528.64		
10/17/99 20:15	1017.63	30.05	0.704	119.94	247.90	528.89			
10/17/99 20:30	1017.63	30.05	0.704	119.68	247.43	528.52			
10/17/99 20:45	1017.75	30.05	0.703	119.68	247.43	528.26			
10/17/99 21:00	1017.75	30.05	0.705	119.42	246.96	528.80	528.48		
10/17/99 21:15	1017.75	30.05	0.704	119.42	246.96	528.57			
10/17/99 21:30	1018.00	30.06	0.704	119.42	246.96	528.24			
10/17/99 21:45	1018.25	30.07	0.705	119.42	246.96	528.67			
10/17/99 22:00	1018.25	30.07	0.704	119.16	246.49	528.27	528.46		
10/17/99 22:15	1018.38	30.07	0.707	119.16	246.49	529.17			
10/17/99 22:30	1018.50	30.08	0.704	119.16	246.49	527.94			
10/17/99 22:45	1018.50	30.08	0.704	119.18	246.49	527.94			
10/17/99 23:00	1018.63	30.08	0.703	119.16	246.49	527.68	527.58		
10/17/99 23:15	1018.88	30.09	0.704	118.90	246.02	527.87			
10/17/99 23:30	1019.00	30.09	0.701	118.90	246.02	526.70			
10/17/99 23:45	1019.00	30.09	0.703	118.38	245.08	527.06			
10/18/99 0:00	1019.13	30.09	0.703	118.38	245.08	527.03	527.42		
10/18/99 0:15	1019.38	30.10	0.707	118.38	245.08	528.38			
10/18/99 0:30	1019.25	30.10	0.706	118.38	245.08	527.93			
10/18/99 0:45	1019.25	30.10	0.704	118.12	244.61	527.30			
10/18/99 1:00	1019.25	30.10	0.704	118.12	244.61	527.30	527.34		
10/18/99 1:15	1019.25	30.10	0.703	118.12	244.61	526.82			
10/18/99 1:30	1019.38	30.10	0.705	117.85	244.14	527.32			
10/18/99 1:45	1019.50	30.11	0.704	117.85	244.14	526.80			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/18/99 2:00	1019.50	30.11	0.706	117.85	244.14	527.51	526.95		
10/18/99 2:15	1019.63	30.11	0.704	117.85	244.14	526.77			
10/18/99 2:30	1019.63	30.11	0.703	117.59	243.67	526.37			
10/18/99 2:45	1019.63	30.11	0.704	117.33	243.20	526.68			
10/18/99 3:00	1019.50	30.11	0.703	117.07	242.73	525.62	525.88		
10/18/99 3:15	1019.75	30.11	0.701	116.81	242.26	524.67			
10/18/99 3:30	1019.75	30.11	0.703	116.55	241.79	525.63			
10/18/99 3:45	1019.63	30.11	0.701	116.55	241.79	524.95			
10/18/99 4:00	1019.63	30.11	0.701	116.55	241.79	524.95	525.18		
10/18/99 4:15	1019.63	30.11	0.702	116.29	241.32	525.04			
10/18/99 4:30	1019.50	30.11	0.701	117.07	242.73	525.34			
10/18/99 4:45	1019.63	30.11	0.701	116.81	242.26	524.91			
10/18/99 5:00	1019.75	30.11	0.702	116.29	241.32	525.01	525.15		
10/18/99 5:15	1019.88	30.12	0.701	116.55	241.79	524.89			
10/18/99 5:30	1020.00	30.12	0.704	116.29	241.32	525.62			
10/18/99 5:45	1020.13	30.12	0.705	117.07	242.73	526.60			
10/18/99 6:00	1020.25	30.13	0.703	117.33	243.20	526.03	525.64		
10/18/99 6:15	1020.38	30.13	0.704	116.29	241.32	525.52			
10/18/99 6:30	1020.50	30.14	0.703	116.55	241.79	525.44			
10/18/99 6:45	1020.50	30.14	0.704	116.81	242.26	526.10			
10/18/99 7:00	1020.63	30.14	0.703	116.29	241.32	525.23	525.07		
10/18/99 7:15	1020.75	30.14	0.701	116.02	240.84	524.31			
10/18/99 7:30	1020.88	30.15	0.701	116.02	240.84	524.28			
10/18/99 7:45	1021.00	30.15	0.702	116.02	240.84	524.51			
10/18/99 8:00	1021.13	30.15	0.704	116.02	240.84	525.41	524.95		
10/18/99 8:15	1021.25	30.16	0.704	116.02	240.84	525.12			
10/18/99 8:30	1021.38	30.16	0.704	116.55	241.79	525.44			
10/18/99 8:45	1021.50	30.16	0.706	116.29	241.32	525.94			
10/18/99 9:00	1021.63	30.17	0.703	116.55	241.79	525.15	525.44		
10/18/99 9:15	1021.75	30.17	0.704	116.55	241.79	525.60			
10/18/99 9:30	1021.75	30.17	0.703	116.81	242.26	525.07			
10/18/99 9:45	1022.00	30.18	0.703	117.07	242.73	525.41			
10/18/99 10:00	1021.88	30.18	0.706	117.59	243.67	526.72	527.76		
10/18/99 10:15	1022.00	30.18	0.735	116.55	241.79	536.83			
10/18/99 10:30	1022.00	30.18	0.701	117.33	243.20	524.87			
10/18/99 10:45	1022.00	30.18	0.703	118.38	245.08	526.28			
10/18/99 11:00	1022.00	30.18	0.704	118.64	245.55	526.95	526.52		
10/18/99 11:15	1022.13	30.18	0.703	119.16	246.49	526.78			
10/18/99 11:30	1022.13	30.18	0.706	119.16	246.49	527.71			
10/18/99 11:45	1022.13	30.18	0.705	119.16	246.49	527.49			
10/18/99 12:00	1022.13	30.18	0.704	119.16	246.49	527.26	527.79		
10/18/99 12:15	1022.13	30.18	0.707	119.42	246.96	528.38			
10/18/99 12:30	1022.13	30.18	0.706	119.42	246.96	528.11			
10/18/99 12:45	1021.88	30.18	0.706	119.68	247.43	528.35			
10/18/99 13:00	1021.75	30.17	0.703	119.68	247.43	527.23	528.32		
10/18/99 13:15	1021.63	30.17	0.706	119.94	247.90	528.59			
10/18/99 13:30	1021.50	30.16	0.708	119.94	247.90	529.34			
10/18/99 13:45	1021.38	30.16	0.707	120.21	248.37	529.10			
10/18/99 14:00	1021.38	30.16	0.708	120.47	248.84	529.50	529.55		
10/18/99 14:15	1021.25	30.16	0.708	120.73	249.31	529.70			
10/18/99 14:30	1021.25	30.16	0.708	120.99	249.78	530.10			
10/18/99 14:45	1021.25	30.16	0.709	120.99	249.78	530.59			
10/18/99 15:00	1021.13	30.15	0.707	121.25	250.25	529.66	530.59		
10/18/99 15:15	1021.13	30.15	0.710	121.51	250.72	531.20			
10/18/99 15:30	1021.13	30.15	0.710	121.51	250.72	531.20			
10/18/99 15:45	1021.13	30.15	0.708	121.51	250.72	530.26			
10/18/99 16:00	1021.13	30.15	0.706	121.51	250.72	530.26	531.04		
10/18/99 16:15	1021.13	30.15	0.711	121.51	250.72	531.42			
10/18/99 16:30	1021.25	30.16	0.712	121.77	251.19	532.05			
10/18/99 16:45	1021.13	30.15	0.708	121.77	251.19	530.44			
10/18/99 17:00	1021.13	30.15	0.708	121.25	250.25	530.09	530.79		
10/18/99 17:15	1021.25	30.16	0.709	120.99	249.78	530.33			
10/18/99 17:30	1021.25	30.16	0.711	120.99	249.78	531.04			
10/18/99 17:45	1021.38	30.16	0.707	120.73	249.31	529.45			
10/18/99 18:00	1021.50	30.16	0.711	120.47	248.84	530.62	530.02		
10/18/99 18:15	1021.63	30.17	0.708	120.21	248.37	529.48			
10/18/99 18:30	1021.63	30.17	0.709	119.94	247.90	529.53			
10/18/99 18:45	1021.75	30.17	0.711	119.68	247.43	530.03			
10/18/99 19:00	1021.88	30.18	0.711	119.16	246.49	529.87	526.88		
10/18/99 19:15	1022.00	30.18	0.706	118.90	246.02	527.79			
10/18/99 19:30	1022.13	30.18	0.706	118.38	245.08	527.19			
10/18/99 19:45	1022.13	30.18	0.709	118.12	244.61	528.43			
10/18/99 20:00	1022.25	30.19	0.707	117.85	244.14	527.29	527.39		
10/18/99 20:15	1022.50	30.19	0.706	117.59	243.67	526.56			
10/18/99 20:30	1022.63	30.20	0.709	117.33	243.20	527.51			
10/18/99 20:45	1022.63	30.20	0.708	117.33	243.20	527.06			
10/18/99 21:00	1022.63	30.20	0.708	116.81	242.26	526.71	526.81		
10/18/99 21:15	1022.88	30.21	0.708	116.81	242.26	526.64			
10/18/99 21:30	1023.25	30.22	0.707	116.55	241.79	526.15			
10/18/99 21:45	1023.50	30.22	0.706	116.29	241.32	526.13			
10/18/99 22:00	1023.25	30.22	0.707	116.55	241.79	526.15	526.47		
10/18/99 22:15	1023.13	30.21	0.709	116.55	241.79	527.11			
10/18/99 22:30	1023.25	30.22	0.709	116.55	241.79	526.82			
10/18/99 22:45	1023.38	30.22	0.708	116.81	242.26	526.52			
10/18/99 23:00	1023.38	30.22	0.708	116.81	242.26	526.74	527.11		
10/18/99 23:15	1023.25	30.22	0.711	117.07	242.73	528.10			
10/18/99 23:30	1023.50	30.22	0.709	117.07	242.73	527.37			
10/18/99 23:45	1023.50	30.22	0.709	116.81	242.26	527.19			
10/19/99 0:00	1023.25	30.22	0.711	116.29	241.32	527.35	526.65		
10/19/99 0:15	1023.25	30.22	0.706	116.02	240.84	525.54			
10/19/99 0:30	1023.25	30.22	0.707	116.02	240.84	525.80			
10/19/99 0:45	1023.75	30.23	0.709	116.02	240.84	526.60			
10/19/99 1:00	1023.63	30.23	0.708	116.81	242.26	526.68	526.07		
10/19/99 1:15	1023.38	30.22	0.706	116.29	241.32	525.68			
10/19/99 1:30	1023.00	30.21	0.706	116.02	240.84	525.60			
10/19/99 1:45	1022.88	30.21	0.709	116.02	240.84	526.56			
10/19/99 2:00	1023.00	30.21	0.707	115.76	240.37	525.68	525.59		
10/19/99 2:15	1023.13	30.21	0.706	115.76	240.37	525.17			
10/19/99 2:30	1023.25	30.22	0.705	115.76	240.37	524.91			
10/19/99 2:45	1023.25	30.22	0.706	115.50	239.90	524.96			
10/19/99 3:00	1023.25	30.22	0.708	116.02	240.84	526.02	525.73		
10/19/99 3:15	1023.38	30.22	0.710	116.55	241.79	527.27			
10/19/99 3:30	1023.38	30.22	0.706	116.02	240.84	525.50			
10/19/99 3:45	1023.25	30.22	0.707	115.50	239.90	525.44			
10/19/99 4:00	1023.13	30.21	0.706	115.24	239.43	524.62	525.19		
10/19/99 4:15	1023.13	30.21	0.706	115.24	239.43	525.04			
10/19/99 4:30	1023.25	30.22	0.706	115.76	240.37	525.14			
10/19/99 4:45	1023.50	30.22	0.707	116.02	240.84	525.73			
10/19/99 5:00	1023.63	30.23	0.708	115.50	239.90	525.09	525.16		
10/19/99 5:15	1023.75	30.23	0.706	115.24	239.43	524.66			
10/19/99 5:30	1023.63	30.23	0.707	115.24	239.43	525.17			
10/19/99 5:45	1023.63	30.23	0.705	114.98	238.96	524.29			
10/19/99 6:00	1023.88	30.23	0.708	114.72	238.49	525.20	524.83		
10/19/99 6:15	1024.00	30.24	0.706	114.72	238.49	524.24			
10/19/99 6:30	1024.00	30.24	0.706	114.72	238.49	524.24			
10/19/99 6:45	1023.88	30.23	0.705	114.72	238.49	524.05			
10/19/99 7:00	1023.75	30.23	0.707	114.72	238.49	524.76	524.69		
10/19/99 7:15	1023.88	30.23	0.709	114.72	238.49	525.42			
10/19/99 7:30	1023.88	30.23	0.708	114.72	238.49	524.98			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/19/99 7:45	1024.00	30.24	0.708	114.72	238.49	524.24			
10/19/99 8:00	1024.00	30.24	0.708	114.72	238.49	524.94	524.65		
10/19/99 8:15	1024.13	30.24	0.708	114.72	238.49	524.43			
10/19/99 8:30	1024.25	30.25	0.707	114.72	238.49	524.66			
10/19/99 8:45	1024.38	30.25	0.709	114.98	238.96	525.73			
10/19/99 9:00	1024.38	30.25	0.708	115.24	239.43	525.42	525.63		
10/19/99 9:15	1024.25	30.25	0.709	115.76	240.37	526.03			
10/19/99 9:30	1024.63	30.26	0.709	116.29	241.32	526.29			
10/19/99 9:45	1024.75	30.26	0.708	116.55	241.79	525.99			
10/19/99 10:00	1024.75	30.26	0.709	117.33	243.20	527.22	526.89		
10/19/99 10:15	1024.63	30.26	0.708	117.85	244.14	526.90			
10/19/99 10:30	1024.50	30.25	0.710	118.12	244.61	528.04			
10/19/99 10:45	1024.38	30.25	0.709	118.38	245.08	527.76			
10/19/99 11:00	1024.25	30.25	0.708	118.90	246.02	527.92	528.14		
10/19/99 11:15	1024.38	30.25	0.710	119.16	246.49	528.77			
10/19/99 11:30	1024.50	30.25	0.708	119.42	246.96	528.21			
10/19/99 11:45	1024.63	30.26	0.711	119.68	247.43	529.29			
10/19/99 12:00	1024.88	30.26	0.710	119.68	247.43	529.00	529.06		
10/19/99 12:15	1025.00	30.27	0.711	119.68	247.43	529.41			
10/19/99 12:30	1024.88	30.26	0.711	119.94	247.90	529.40			
10/19/99 12:45	1024.50	30.25	0.710	119.94	247.90	529.27			
10/19/99 13:00	1024.38	30.25	0.709	119.94	247.90	529.08	529.38		
10/19/99 13:15	1024.25	30.25	0.710	119.94	247.90	529.33			
10/19/99 13:30	1024.00	30.24	0.711	120.21	248.37	529.80			
10/19/99 13:45	1023.75	30.23	0.712	120.21	248.37	530.35			
10/19/99 14:00	1023.75	30.23	0.710	120.21	248.37	529.64	529.99		
10/19/99 14:15	1023.75	30.23	0.711	120.21	248.37	530.09			
10/19/99 14:30	1023.75	30.23	0.711	120.21	248.37	530.09			
10/19/99 14:45	1023.75	30.23	0.709	120.21	248.37	529.15			
10/19/99 15:00	1023.75	30.23	0.710	120.21	248.37	529.64	529.22		
10/19/99 15:15	1023.75	30.23	0.707	119.68	247.43	528.13			
10/19/99 15:30	1023.75	30.23	0.709	119.68	247.43	529.06			
10/19/99 15:45	1023.75	30.23	0.708	119.68	247.43	528.58			
10/19/99 16:00	1023.75	30.23	0.708	119.42	246.96	528.40	528.58		
10/19/99 16:15	1023.88	30.23	0.709	119.42	246.96	528.60			
10/19/99 16:30	1023.50	30.22	0.708	119.42	246.96	528.24			
10/19/99 16:45	1023.50	30.22	0.709	119.68	247.43	529.13			
10/19/99 17:00	1023.38	30.22	0.709	119.68	247.43	529.16	528.84		
10/19/99 17:15	1023.63	30.23	0.709	119.68	247.43	528.84			
10/19/99 17:30	1023.63	30.23	0.709	119.68	247.43	528.84			
10/19/99 17:45	1023.75	30.23	0.706	119.68	247.43	527.65			
10/19/99 18:00	1023.88	30.23	0.710	119.68	247.43	529.26	528.58		
10/19/99 18:15	1023.88	30.23	0.708	119.68	247.43	528.32			
10/19/99 18:30	1024.00	30.24	0.709	119.42	246.96	528.82			
10/19/99 18:45	1024.13	30.24	0.709	119.42	246.96	528.79			
10/19/99 19:00	1024.13	30.24	0.712	119.42	246.96	529.72	528.55		
10/19/99 19:15	1024.13	30.24	0.706	119.16	246.49	527.42			
10/19/99 19:30	1024.25	30.25	0.709	118.64	245.55	527.97			
10/19/99 19:45	1024.25	30.25	0.708	118.38	245.08	527.57			
10/19/99 20:00	1024.38	30.25	0.710	118.38	245.08	528.25	528.08		
10/19/99 20:15	1024.50	30.25	0.712	118.12	244.61	528.74			
10/19/99 20:30	1024.50	30.25	0.710	117.85	244.14	527.86			
10/19/99 20:45	1024.50	30.25	0.707	117.85	244.14	526.71			
10/19/99 21:00	1024.50	30.25	0.709	117.59	243.67	527.20	527.10		
10/19/99 21:15	1024.50	30.25	0.709	117.33	243.20	527.03			
10/19/99 21:30	1024.63	30.26	0.708	117.59	243.67	526.72			
10/19/99 21:45	1024.75	30.26	0.706	117.59	243.67	526.21			
10/19/99 22:00	1024.88	30.26	0.708	117.33	243.20	526.48	526.64		
10/19/99 22:15	1024.88	30.26	0.708	117.07	242.73	526.53			
10/19/99 22:30	1025.00	30.27	0.711	116.81	242.26	527.25			
10/19/99 22:45	1025.25	30.28	0.708	116.81	242.26	526.03			
10/19/99 23:00	1025.25	30.28	0.709	116.29	241.32	526.13	526.21		
10/19/99 23:15	1025.25	30.28	0.706	116.29	241.32	525.20			
10/19/99 23:30	1025.13	30.27	0.709	116.29	241.32	526.42			
10/19/99 23:45	1025.00	30.27	0.706	116.02	240.84	524.86			
10/20/99 0:00	1024.88	30.26	0.705	116.02	240.84	524.87	525.22		
10/20/99 0:15	1024.75	30.26	0.706	116.02	240.84	525.15			
10/20/99 0:30	1024.75	30.26	0.706	115.76	240.37	524.97			
10/20/99 0:45	1024.63	30.26	0.708	115.76	240.37	525.49			
10/20/99 1:00	1024.63	30.26	0.708	115.50	239.90	525.31	525.17		
10/20/99 1:15	1024.50	30.25	0.706	115.24	239.43	524.69			
10/20/99 1:30	1024.50	30.25	0.708	115.24	239.43	525.39			
10/20/99 1:45	1024.50	30.25	0.703	115.50	239.90	523.71			
10/20/99 2:00	1024.25	30.25	0.708	116.55	241.79	526.11	525.46		
10/20/99 2:15	1024.25	30.25	0.705	116.02	240.84	524.83			
10/20/99 2:30	1024.38	30.25	0.711	116.55	241.79	527.23			
10/20/99 2:45	1024.25	30.25	0.704	116.29	241.32	524.79			
10/20/99 3:00	1024.13	30.24	0.706	115.76	240.37	524.91	525.16		
10/20/99 3:15	1024.13	30.24	0.703	115.24	239.43	523.63			
10/20/99 3:30	1024.25	30.25	0.708	115.24	239.43	525.23			
10/20/99 3:45	1024.13	30.24	0.705	115.24	239.43	524.34			
10/20/99 4:00	1024.00	30.24	0.705	114.98	238.96	524.19	524.41		
10/20/99 4:15	1024.13	30.24	0.703	114.98	238.96	523.45			
10/20/99 4:30	1024.25	30.25	0.707	114.98	238.96	524.83			
10/20/99 4:45	1024.25	30.25	0.704	114.98	238.96	523.90			
10/20/99 5:00	1024.38	30.25	0.703	114.98	238.96	523.17	524.27		
10/20/99 5:15	1024.50	30.25	0.704	114.98	238.96	523.84			
10/20/99 5:30	1024.63	30.26	0.707	116.29	241.32	525.62			
10/20/99 5:45	1024.50	30.25	0.706	115.76	240.37	524.62			
10/20/99 6:00	1024.50	30.25	0.706	115.24	239.43	524.48	524.57		
10/20/99 6:15	1024.38	30.25	0.704	114.98	238.96	523.61			
10/20/99 6:30	1024.50	30.25	0.706	114.72	238.49	524.33			
10/20/99 6:45	1024.50	30.25	0.705	114.72	238.49	523.89			
10/20/99 7:00	1024.50	30.25	0.707	114.72	236.49	524.59	524.12		
10/20/99 7:15	1024.50	30.25	0.705	114.72	238.49	523.89			
10/20/99 7:30	1024.50	30.25	0.705	114.72	238.49	523.89			
10/20/99 7:45	1024.50	30.25	0.704	114.46	238.02	523.23			
10/20/99 8:00	1024.50	30.25	0.706	114.72	238.49	524.11	523.86		
10/20/99 8:15	1024.75	30.26	0.706	114.72	236.49	524.05			
10/20/99 8:30	1024.88	30.26	0.706	114.72	236.49	524.01			
10/20/99 8:45	1025.00	30.27	0.707	114.72	236.49	524.46			
10/20/99 9:00	1025.00	30.27	0.705	115.24	239.43	524.11	524.86		
10/20/99 9:15	1025.25	30.28	0.705	116.29	241.32	524.75			
10/20/99 9:30	1025.38	30.28	0.709	117.59	243.67	526.98			
10/20/99 9:45	1025.38	30.28	0.708	117.59	243.67	526.75			
10/20/99 10:00	1025.25	30.28	0.708	117.59	243.67	526.56	526.98		
10/20/99 10:15	1025.13	30.27	0.709	117.85	244.14	527.22			
10/20/99 10:30	1025.13	30.27	0.709	118.12	244.61	527.39			
10/20/99 10:45	1025.25	30.28	0.707	118.38	245.08	526.87			
10/20/99 11:00	1025.13	30.27	0.707	118.90	246.02	527.25	527.68		
10/20/99 11:15	1025.13	30.27	0.709	119.16	246.49	528.36			
10/20/99 11:30	1025.25	30.28	0.710	119.16	246.49	528.55			
10/20/99 11:45	1025.25	30.28	0.709	119.68	247.43	528.42			
10/20/99 12:00	1025.13	30.27	0.708	119.94	247.90	528.16	528.60		
10/20/99 12:15	1025.13	30.27	0.709	120.21	248.37	528.80			
10/20/99 12:30	1024.88	30.28	0.709	120.47	248.84	529.04			
10/20/99 12:45	1024.75	30.26	0.708	120.99	249.78	529.20			
10/20/99 13:00	1024.63	30.26	0.710	121.25	250.25	530.12	529.61		
10/20/99 13:15	1024.25	30.25	0.709	121.25	250.25	529.73			

3017ELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/20/99 13:30	1024.00	30.24	0.709	121.51	250.72	529.97			
10/20/99 13:45	1023.88	30.23	0.708	121.77	251.19	529.95			
10/20/99 14:00	1023.63	30.23	0.707	122.03	251.66	529.74	530.23		
10/20/99 14:15	1023.38	30.22	0.709	122.56	252.60	531.09			
10/20/99 14:30	1023.25	30.22	0.708	122.56	252.60	530.41			
10/20/99 14:45	1023.13	30.21	0.708	122.82	253.07	529.91			
10/20/99 15:00	1022.88	30.21	0.707	122.82	253.07	530.46	530.70		
10/20/99 15:15	1022.75	30.20	0.706	123.08	253.54	530.89			
10/20/99 15:30	1022.63	30.20	0.709	123.34	254.01	531.81			
10/20/99 15:45	1022.50	30.19	0.708	123.34	254.01	531.13			
10/20/99 16:00	1022.50	30.19	0.711	123.34	254.01	532.30	531.40		
10/20/99 16:15	1022.50	30.19	0.706	123.34	254.01	530.84			
10/20/99 16:30	1022.50	30.19	0.708	123.34	254.01	531.13			
10/20/99 16:45	1022.50	30.19	0.708	123.34	254.01	531.13			
10/20/99 17:00	1022.63	30.20	0.706	123.08	253.54	530.44	530.61		
10/20/99 17:15	1022.63	30.20	0.706	122.82	253.07	530.26			
10/20/99 17:30	1022.63	30.20	0.706	122.56	252.60	530.09			
10/20/99 17:45	1022.63	30.20	0.707	122.30	252.13	530.18			
10/20/99 18:00	1022.63	30.20	0.708	122.03	251.66	530.23	529.92		
10/20/99 18:15	1022.88	30.21	0.708	121.77	251.19	529.99			
10/20/99 18:30	1022.88	30.21	0.706	121.25	250.25	529.15			
10/20/99 18:45	1022.88	30.21	0.709	120.73	249.31	529.73			
10/20/99 19:00	1023.00	30.21	0.705	120.21	248.37	527.96	528.25		
10/20/99 19:15	1023.00	30.21	0.704	119.68	247.43	527.39			
10/20/99 19:30	1023.13	30.21	0.704	119.18	246.49	527.01			
10/20/99 19:45	1023.25	30.22	0.704	118.64	245.55	526.62			
10/20/99 20:00	1023.25	30.22	0.706	118.38	245.08	526.90	526.29		
10/20/99 20:15	1023.38	30.22	0.703	117.85	244.14	525.35			
10/20/99 20:30	1023.50	30.22	0.703	117.85	244.14	525.55			
10/20/99 20:45	1023.50	30.22	0.706	117.59	243.67	526.53			
10/20/99 21:00	1023.50	30.22	0.705	117.33	243.20	525.90	525.80		
10/20/99 21:15	1023.75	30.23	0.704	117.07	242.73	525.44			
10/20/99 21:30	1024.00	30.24	0.705	117.07	242.73	525.60			
10/20/99 21:45	1024.00	30.24	0.704	117.07	242.73	525.38			
10/20/99 22:00	1024.13	30.24	0.704	116.55	241.79	524.99	525.09		
10/20/99 22:15	1024.25	30.25	0.703	116.55	241.79	524.48			
10/20/99 22:30	1024.25	30.25	0.705	116.29	241.32	525.01			
10/20/99 22:45	1024.38	30.25	0.704	117.07	242.73	525.28			
10/20/99 23:00	1024.38	30.25	0.706	117.33	243.20	525.90	525.22		
10/20/99 23:15	1024.38	30.25	0.706	116.55	241.79	525.60			
10/20/99 23:30	1024.25	30.25	0.703	116.29	241.32	524.30			
10/20/99 23:45	1024.13	30.24	0.703	116.02	240.84	523.93			
10/21/99 0:00	1024.13	30.24	0.703	118.29	241.32	524.11	524.01		
10/21/99 0:15	1024.13	30.24	0.702	116.02	240.84	523.71			
10/21/99 0:30	1024.00	30.24	0.703	115.76	240.37	524.01			
10/21/99 0:45	1023.88	30.23	0.701	115.24	239.43	522.98			
10/21/99 1:00	1023.88	30.23	0.702	115.24	239.43	523.25	523.32		
10/21/99 1:15	1023.75	30.23	0.703	115.24	239.43	523.72			
10/21/99 1:30	1023.75	30.23	0.701	114.98	238.96	522.62			
10/21/99 1:45	1023.88	30.23	0.704	116.55	241.79	524.80			
10/21/99 2:00	1023.88	30.23	0.704	116.55	241.79	524.80	524.04		
10/21/99 2:15	1023.75	30.23	0.706	115.76	240.37	525.01			
10/21/99 2:30	1023.88	30.23	0.701	115.24	239.43	522.98			
10/21/99 2:45	1023.88	30.23	0.702	114.98	238.96	523.07			
10/21/99 3:00	1023.75	30.23	0.701	114.72	238.49	522.66	523.45		
10/21/99 3:15	1023.75	30.23	0.704	115.76	240.37	524.30			
10/21/99 3:30	1023.63	30.23	0.703	116.29	241.32	524.24			
10/21/99 3:45	1023.38	30.22	0.701	115.24	239.43	523.11			
10/21/99 4:00	1023.25	30.22	0.703	114.98	238.96	523.45	524.11		
10/21/99 4:15	1023.13	30.21	0.703	116.81	242.26	524.94			
10/21/99 4:30	1023.00	30.21	0.703	116.55	241.79	524.80			
10/21/99 4:45	1023.00	30.21	0.701	116.55	241.79	524.09			
10/21/99 5:00	1022.88	30.21	0.704	116.55	241.79	525.31	524.61		
10/21/99 5:15	1022.88	30.21	0.703	116.81	242.26	524.78			
10/21/99 5:30	1022.75	30.20	0.702	116.02	240.84	524.06			
10/21/99 5:45	1022.63	30.20	0.699	115.24	239.43	522.63			
10/21/99 6:00	1022.63	30.20	0.703	116.29	241.32	524.49	523.77		
10/21/99 6:15	1022.63	30.20	0.702	116.29	241.32	524.27			
10/21/99 6:30	1022.63	30.20	0.700	116.02	240.84	523.38			
10/21/99 6:45	1022.50	30.19	0.697	114.96	238.96	521.55			
10/21/99 7:00	1022.50	30.19	0.700	114.46	238.02	522.36	522.37		
10/21/99 7:15	1022.63	30.20	0.698	113.93	237.08	521.27			
10/21/99 7:30	1022.63	30.20	0.701	115.24	239.43	523.30			
10/21/99 7:45	1022.50	30.19	0.703	116.55	241.79	524.93			
10/21/99 8:00	1022.63	30.20	0.700	114.98	238.96	522.68	523.10		
10/21/99 8:15	1022.63	30.20	0.698	114.72	238.49	521.79			
10/21/99 8:30	1022.63	30.20	0.701	114.46	238.02	522.78			
10/21/99 8:45	1022.75	30.20	0.701	114.72	238.49	522.92			
10/21/99 9:00	1022.75	30.20	0.701	114.72	238.49	522.70	522.67		
10/21/99 9:15	1022.88	30.21	0.699	115.24	239.43	522.31			
10/21/99 9:30	1023.00	30.21	0.699	115.76	240.37	522.83			
10/21/99 9:45	1022.88	30.21	0.701	116.02	240.84	523.77			
10/21/99 10:00	1022.75	30.20	0.701	116.55	241.79	523.93	525.76		
10/21/99 10:15	1022.63	30.20	0.734	115.76	240.37	535.65			
10/21/99 10:30	1022.63	30.20	0.696	117.33	243.20	522.84			
10/21/99 10:45	1022.50	30.19	0.699	118.36	245.08	524.51			
10/21/99 11:00	1022.13	30.18	0.698	118.90	246.02	524.73	524.90		
10/21/99 11:15	1022.00	30.18	0.701	119.16	246.49	525.87			
10/21/99 11:30	1021.88	30.18	0.702	119.42	246.96	526.57			
10/21/99 11:45	1021.75	30.17	0.700	119.94	247.90	526.24			
10/21/99 12:00	1021.50	30.16	0.698	120.21	248.37	525.53	526.86		
10/21/99 12:15	1021.13	30.15	0.702	120.73	249.31	527.84			
10/21/99 12:30	1020.88	30.15	0.703	120.99	249.78	528.33			
10/21/99 12:45	1020.63	30.14	0.702	120.99	249.78	527.94			
10/21/99 13:00	1020.13	30.12	0.701	121.25	250.25	527.98	528.05		
10/21/99 13:15	1019.75	30.11	0.701	121.77	251.19	528.20			
10/21/99 13:30	1019.50	30.11	0.699	121.77	251.19	527.81			
10/21/99 13:45	1019.00	30.09	0.700	122.30	252.13	528.52			
10/21/99 14:00	1018.63	30.08	0.702	122.56	252.60	529.51	528.62		
10/21/99 14:15	1018.25	30.07	0.698	122.56	252.60	528.17			
10/21/99 14:30	1017.88	30.06	0.699	123.08	253.54	529.11			
10/21/99 14:45	1017.50	30.05	0.699	123.08	253.54	529.21			
10/21/99 15:00	1017.25	30.04	0.699	123.08	253.54	529.01	529.02		
10/21/99 15:15	1016.88	30.03	0.697	123.08	253.54	528.42			
10/21/99 15:30	1016.63	30.02	0.699	123.34	254.01	529.34			
10/21/99 15:45	1016.38	30.01	0.699	123.34	254.01	529.41			
10/21/99 16:00	1016.13	30.01	0.701	123.08	253.54	530.02	529.36		
10/21/99 16:15	1015.88	30.00	0.696	123.08	253.54	526.91			
10/21/99 16:30	1015.75	30.00	0.698	123.34	254.01	529.12			
10/21/99 16:45	1015.50	29.99	0.699	123.34	254.01	529.90			
10/21/99 17:00	1015.25	29.98	0.700	123.08	253.54	530.02	529.46		
10/21/99 17:15	1015.25	29.98	0.699	123.08	253.54	529.53			
10/21/99 17:30	1015.00	29.97	0.697	122.82	253.07	528.73			
10/21/99 17:45	1014.88	29.97	0.698	122.56	252.60	529.05			
10/21/99 18:00	1014.63	29.96	0.698	122.56	252.60	529.11	528.46		
10/21/99 18:15	1014.38	29.95	0.694	122.30	252.13	527.60			
10/21/99 18:30	1014.25	29.95	0.696	122.03	251.66	527.91			
10/21/99 18:45	1014.25	29.95	0.696	121.77	251.19	527.97			
10/21/99 19:00	1014.13	29.95	0.695	121.51	250.72	527.37	527.73		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/21/99 19:15	1014.13	29.95	0.696	121.25	250.25	527.65			
10/21/99 19:30	1014.13	29.95	0.697	120.99	249.78	527.74			
10/21/99 19:45	1013.88	29.94	0.693	120.73	249.31	526.19			
10/21/99 20:00	1013.75	29.94	0.694	120.47	248.84	526.28	526.62		
10/21/99 20:15	1013.63	29.93	0.694	120.21	248.37	526.40			
10/21/99 20:30	1013.25	29.92	0.694	120.21	248.37	526.50			
10/21/99 20:45	1013.25	29.92	0.694	120.21	248.37	526.50			
10/21/99 21:00	1013.13	29.92	0.693	119.94	247.90	525.86	526.47		
10/21/99 21:15	1012.86	29.91	0.696	119.94	247.90	526.87			
10/21/99 21:30	1012.75	29.91	0.694	120.21	248.37	526.63			
10/21/99 21:45	1012.50	29.90	0.693	119.94	247.90	525.80			
10/21/99 22:00	1012.38	29.90	0.694	119.94	247.90	526.26	526.10		
10/21/99 22:15	1012.25	29.89	0.693	119.94	247.90	525.86			
10/21/99 22:30	1012.00	29.88	0.693	119.94	247.90	525.92			
10/21/99 22:45	1012.00	29.88	0.694	119.94	247.90	526.38			
10/21/99 23:00	1011.63	29.87	0.693	119.94	247.90	526.25	525.91		
10/21/99 23:15	1011.13	29.86	0.691	119.68	247.43	525.48			
10/21/99 23:30	1011.00	29.85	0.691	119.68	247.43	525.52			
10/21/99 23:45	1010.63	29.84	0.690	119.94	247.90	525.33			
10/22/99 0:00	1010.25	29.83	0.691	119.94	247.90	525.66	525.43		
10/22/99 0:15	1010.00	29.83	0.692	119.94	247.90	526.22			
10/22/99 0:30	1009.75	29.82	0.688	119.68	247.43	524.43			
10/22/99 0:45	1009.38	29.81	0.692	119.68	247.43	526.21			
10/22/99 1:00	1009.00	29.80	0.690	119.68	247.43	525.56	525.30		
10/22/99 1:15	1008.75	29.79	0.689	119.94	247.90	525.59			
10/22/99 1:30	1008.63	29.78	0.687	119.94	247.90	524.67			
10/22/99 1:45	1008.25	29.77	0.687	119.94	247.90	524.77			
10/22/99 2:00	1007.88	29.76	0.686	119.94	247.90	524.60	525.03		
10/22/99 2:15	1007.63	29.76	0.689	119.94	247.90	525.62			
10/22/99 2:30	1007.13	29.74	0.688	119.94	247.90	525.52			
10/22/99 2:45	1006.63	29.73	0.686	119.94	247.90	524.92			
10/22/99 3:00	1006.13	29.71	0.687	119.94	247.90	525.32	525.34		
10/22/99 3:15	1005.75	29.70	0.686	119.94	247.90	524.92			
10/22/99 3:30	1005.25	29.69	0.688	119.94	247.90	526.01			
10/22/99 3:45	1004.75	29.67	0.686	120.21	248.37	525.59			
10/22/99 4:00	1004.38	29.66	0.684	120.21	248.37	525.00	525.43		
10/22/99 4:15	1004.25	29.66	0.685	120.21	248.37	525.26			
10/22/99 4:30	1004.00	29.65	0.685	120.21	248.37	525.32			
10/22/99 4:45	1003.88	29.64	0.682	120.21	248.37	524.17			
10/22/99 5:00	1003.75	29.64	0.683	120.47	248.84	524.63	524.88		
10/22/99 5:15	1003.63	29.64	0.684	120.21	248.37	525.19			
10/22/99 5:30	1003.63	29.64	0.683	120.47	248.84	524.87			
10/22/99 5:45	1003.63	29.64	0.682	120.21	248.37	524.23			
10/22/99 6:00	1003.63	29.64	0.683	120.73	249.31	524.81	524.92		
10/22/99 6:15	1003.50	29.63	0.684	120.99	249.78	525.48			
10/22/99 6:30	1003.83	29.64	0.683	120.99	249.78	525.21			
10/22/99 6:45	1003.50	29.63	0.683	120.99	249.78	525.25			
10/22/99 7:00	1003.50	29.63	0.685	121.25	250.25	526.15	525.74		
10/22/99 7:15	1003.50	29.63	0.684	120.99	249.78	525.75			
10/22/99 7:30	1003.50	29.63	0.685	121.51	250.72	526.33			
10/22/99 7:45	1003.50	29.63	0.684	121.51	250.72	526.10			
10/22/99 8:00	1003.63	29.64	0.687	121.51	250.72	527.02	526.47		
10/22/99 8:15	1003.75	29.64	0.688	121.51	250.72	526.49			
10/22/99 8:30	1003.88	29.64	0.685	121.77	251.19	526.40			
10/22/99 8:45	1004.13	29.65	0.686	121.77	251.19	526.57			
10/22/99 9:00	1004.38	29.66	0.687	121.77	251.19	527.00	526.34		
10/22/99 9:15	1004.50	29.66	0.683	121.77	251.19	525.51			
10/22/99 9:30	1004.63	29.67	0.685	121.77	251.19	526.21			
10/22/99 9:45	1004.75	29.67	0.685	122.03	251.66	526.35			
10/22/99 10:00	1004.75	29.67	0.688	122.30	252.13	527.48	526.76		
10/22/99 10:15	1004.88	29.67	0.686	122.30	252.13	526.72			
10/22/99 10:30	1004.88	29.67	0.686	122.82	253.07	527.07			
10/22/99 10:45	1005.00	29.68	0.687	122.82	253.07	527.53			
10/22/99 11:00	1005.00	29.68	0.688	123.08	253.54	528.17	527.73		
10/22/99 11:15	1005.00	29.68	0.688	123.08	253.54	527.94			
10/22/99 11:30	1004.88	29.67	0.688	123.08	253.54	527.97			
10/22/99 11:45	1005.00	29.68	0.688	123.34	254.01	528.11			
10/22/99 12:00	1005.00	29.68	0.689	123.34	254.01	528.57	528.10		
10/22/99 12:15	1005.00	29.68	0.686	123.60	254.48	527.55			
10/22/99 12:30	1005.00	29.68	0.688	123.60	254.48	528.26			
10/22/99 12:45	1004.88	29.67	0.688	123.60	254.48	528.32			
10/22/99 13:00	1004.75	29.67	0.688	123.60	254.48	528.35	528.48		
10/22/99 13:15	1004.75	29.67	0.689	123.86	254.95	528.99			
10/22/99 13:30	1004.75	29.67	0.687	124.13	255.43	528.47			
10/22/99 13:45	1004.75	29.67	0.689	124.13	255.43	529.16			
10/22/99 14:00	1004.63	29.67	0.688	124.13	255.43	528.73	528.70		
10/22/99 14:15	1004.50	29.66	0.687	124.39	255.90	528.71			
10/22/99 14:30	1004.50	29.66	0.686	124.39	255.90	528.44			
10/22/99 14:45	1004.38	29.66	0.688	124.39	255.90	529.20			
10/22/99 15:00	1004.50	29.66	0.688	124.39	255.90	528.44	528.78		
10/22/99 15:15	1004.50	29.66	0.688	124.39	255.90	529.17			
10/22/99 15:30	1004.75	29.67	0.687	124.39	255.90	528.64			
10/22/99 15:45	1004.88	29.67	0.689	124.39	255.90	529.57			
10/22/99 16:00	1005.13	29.68	0.688	124.39	255.90	528.77	528.90		
10/22/99 16:15	1005.25	29.69	0.688	124.13	255.43	528.80			
10/22/99 16:30	1005.50	29.69	0.688	124.13	255.43	528.73			
10/22/99 16:45	1005.63	29.70	0.688	123.60	254.48	528.35			
10/22/99 17:00	1005.63	29.70	0.689	123.60	254.48	528.85	528.40		
10/22/99 17:15	1005.75	29.70	0.688	123.34	254.01	527.91			
10/22/99 17:30	1006.00	29.71	0.689	123.08	253.54	528.13			
10/22/99 17:45	1006.00	29.71	0.688	122.82	253.07	527.73			
10/22/99 18:00	1006.25	29.71	0.687	122.56	252.60	527.03	527.46		
10/22/99 18:15	1006.38	29.72	0.687	122.30	252.13	526.62			
10/22/99 18:30	1006.63	29.73	0.690	121.77	251.19	527.60			
10/22/99 18:45	1006.88	29.73	0.687	121.77	251.19	526.35			
10/22/99 19:00	1007.00	29.74	0.688	121.25	250.25	526.19	526.22		
10/22/99 19:15	1007.25	29.74	0.686	120.99	249.78	525.46			
10/22/99 19:30	1007.50	29.75	0.687	120.73	249.31	525.49			
10/22/99 19:45	1007.75	29.76	0.685	120.73	249.31	524.69			
10/22/99 20:00	1007.88	29.76	0.686	120.21	248.37	524.54	525.12		
10/22/99 20:15	1008.00	29.77	0.689	120.21	248.37	525.69			
10/22/99 20:30	1008.13	29.77	0.688	120.21	248.37	525.20			
10/22/99 20:45	1008.25	29.77	0.689	120.21	248.37	525.90			
10/22/99 21:00	1008.38	29.78	0.686	119.94	247.90	524.47	525.00		
10/22/99 21:15	1008.63	29.78	0.685	119.68	247.43	523.77			
10/22/99 21:30	1008.63	29.78	0.690	119.68	247.43	525.68			
10/22/99 21:45	1008.75	29.79	0.688	119.68	247.43	524.69			
10/22/99 22:00	1008.75	29.79	0.688	119.68	247.43	524.69	524.92		
10/22/99 22:15	1008.88	29.79	0.686	119.66	247.43	524.89			
10/22/99 22:30	1008.88	29.79	0.686	119.68	247.43	524.68			
10/22/99 22:45	1008.75	29.79	0.690	119.68	247.43	525.65			
10/22/99 23:00	1008.63	29.78	0.690	119.42	246.96	525.50	524.92		
10/22/99 23:15	1008.75	29.79	0.687	119.42	246.96	524.29			
10/22/99 23:30	1008.75	29.79	0.688	119.42	246.96	524.52			
10/22/99 23:45	1008.75	29.79	0.689	119.42	246.96	525.24			
10/23/99 0:00	1008.75	29.79	0.686	119.42	246.96	524.02	524.66		
10/23/99 0:15	1008.75	29.79	0.689	119.16	246.49	524.80			
10/23/99 0:30	1008.75	29.79	0.689	119.16	246.49	524.80			
10/23/99 0:45	1008.75	29.79	0.688	119.16	246.49	524.34			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/23/99 1:00	1008.75	29.79	0.687	119.16	246.49	524.11	524.38		
10/23/99 1:15	1008.75	29.79	0.687	119.16	246.49	524.11			
10/23/99 1:30	1008.88	29.79	0.688	119.16	246.49	524.54			
10/23/99 1:45	1009.00	29.80	0.687	119.16	246.49	524.05			
10/23/99 2:00	1009.13	29.80	0.690	119.16	246.49	525.20	524.24		
10/23/99 2:15	1009.25	29.80	0.686	119.16	246.49	523.72			
10/23/99 2:30	1009.25	29.80	0.686	119.16	246.49	523.72			
10/23/99 2:45	1009.38	29.81	0.688	118.90	246.02	524.23			
10/23/99 3:00	1009.38	29.81	0.688	118.90	246.02	524.01	523.75		
10/23/99 3:15	1009.50	29.81	0.686	118.90	246.02	523.25			
10/23/99 3:30	1009.75	29.82	0.688	118.38	245.08	523.56			
10/23/99 3:45	1009.88	29.82	0.690	118.12	244.61	524.30			
10/23/99 4:00	1009.88	29.82	0.688	118.12	244.61	523.58	523.65		
10/23/99 4:15	1010.00	29.83	0.687	117.85	244.14	522.92			
10/23/99 4:30	1010.00	29.83	0.689	117.85	244.14	523.67			
10/23/99 4:45	1010.25	29.83	0.688	117.59	243.67	522.91			
10/23/99 5:00	1010.38	29.84	0.685	118.12	244.61	522.27	523.21		
10/23/99 5:15	1010.50	29.84	0.691	117.59	243.67	524.02			
10/23/99 5:30	1010.63	29.84	0.688	117.85	244.14	522.98			
10/23/99 5:45	1010.75	29.85	0.688	118.12	244.61	523.35			
10/23/99 6:00	1011.00	29.85	0.687	118.12	244.81	522.83	522.80		
10/23/99 6:15	1011.13	29.86	0.686	118.12	244.81	522.53			
10/23/99 6:30	1011.25	29.86	0.686	118.12	244.81	522.27			
10/23/99 6:45	1011.38	29.87	0.689	118.12	244.81	523.42			
10/23/99 7:00	1011.38	29.87	0.687	117.85	244.14	522.56	522.53		
10/23/99 7:15	1011.63	29.87	0.686	117.85	244.14	522.23			
10/23/99 7:30	1011.88	29.88	0.686	117.85	244.14	522.17			
10/23/99 7:45	1012.13	29.89	0.688	117.85	244.14	522.82			
10/23/99 8:00	1012.25	29.89	0.686	117.85	244.14	522.56	522.64		
10/23/99 8:15	1012.38	29.90	0.689	117.59	243.67	522.81			
10/23/99 8:30	1012.63	29.90	0.689	117.33	243.20	522.84			
10/23/99 8:45	1013.00	29.91	0.690	117.33	243.20	522.97			
10/23/99 9:00	1013.13	29.92	0.689	117.85	244.14	523.06	523.04		
10/23/99 9:15	1013.13	29.92	0.690	118.12	244.61	523.46			
10/23/99 9:30	1013.13	29.92	0.689	117.59	243.67	522.88			
10/23/99 9:45	1013.25	29.92	0.688	117.85	244.14	522.53			
10/23/99 10:00	1013.25	29.92	0.688	117.85	244.14	522.53	522.86		
10/23/99 10:15	1013.25	29.92	0.689	118.12	244.61	523.20			
10/23/99 10:30	1013.38	29.92	0.689	118.12	244.61	523.17			
10/23/99 10:45	1013.38	29.92	0.691	118.38	245.08	523.80			
10/23/99 11:00	1013.38	29.92	0.689	118.38	245.08	523.34	523.60		
10/23/99 11:15	1013.50	29.93	0.691	118.90	246.02	524.12			
10/23/99 11:30	1013.50	29.93	0.689	119.16	246.49	523.57			
10/23/99 11:45	1013.75	29.94	0.691	119.16	246.49	524.23			
10/23/99 12:00	1013.75	29.94	0.693	119.16	246.49	524.95	524.09		
10/23/99 12:15	1013.88	29.94	0.689	119.16	246.49	523.74			
10/23/99 12:30	1013.88	29.94	0.690	119.16	246.49	523.97			
10/23/99 12:45	1013.88	29.94	0.691	119.16	246.49	524.42			
10/23/99 13:00	1013.88	29.94	0.693	119.42	246.96	525.09	524.87		
10/23/99 13:15	1013.75	29.94	0.693	119.68	247.43	525.30			
10/23/99 13:30	1013.75	29.94	0.691	119.68	247.43	524.58			
10/23/99 13:45	1013.75	29.94	0.690	119.42	246.96	524.17			
10/23/99 14:00	1013.88	29.94	0.691	119.42	246.96	524.37	524.46		
10/23/99 14:15	1013.88	29.94	0.691	119.42	246.96	524.60			
10/23/99 14:30	1013.88	29.94	0.691	119.42	246.96	524.60			
10/23/99 14:45	1014.00	29.94	0.692	119.42	246.96	524.83			
10/23/99 15:00	1014.00	29.94	0.691	119.42	246.96	524.56	524.60		
10/23/99 15:15	1014.13	29.95	0.691	119.42	246.96	524.53			
10/23/99 15:30	1014.38	29.95	0.691	119.42	246.96	524.47			
10/23/99 15:45	1014.75	29.97	0.691	119.42	246.96	524.37			
10/23/99 16:00	1014.75	29.97	0.692	119.16	246.49	524.46	524.50		
10/23/99 16:15	1014.88	29.97	0.691	119.16	246.49	524.16			
10/23/99 16:30	1015.13	29.98	0.694	119.16	246.49	525.05			
10/23/99 16:45	1015.25	29.98	0.693	119.16	246.49	524.56			
10/23/99 17:00	1015.25	29.98	0.691	119.16	246.49	523.84	524.54		
10/23/99 17:15	1015.38	29.98	0.693	119.16	246.49	524.53			
10/23/99 17:30	1015.50	29.99	0.693	119.16	246.49	524.72			
10/23/99 17:45	1015.75	30.00	0.691	118.90	246.02	523.76			
10/23/99 18:00	1015.88	30.00	0.693	118.90	246.02	524.22	523.82		
10/23/99 18:15	1016.00	30.00	0.689	118.64	245.55	522.58			
10/23/99 18:30	1016.00	30.00	0.693	118.38	245.08	523.84			
10/23/99 18:45	1016.00	30.00	0.689	118.38	245.08	522.87			
10/23/99 19:00	1016.13	30.01	0.692	118.38	245.08	523.58	523.21		
10/23/99 19:15	1016.25	30.01	0.689	118.38	245.08	522.60			
10/23/99 19:30	1016.38	30.01	0.692	118.12	244.61	523.34			
10/23/99 19:45	1016.63	30.02	0.694	118.12	244.61	523.96			
10/23/99 20:00	1016.75	30.02	0.693	118.12	244.61	523.47	523.41		
10/23/99 20:15	1016.75	30.02	0.692	118.38	245.08	523.42			
10/23/99 20:30	1017.00	30.03	0.691	118.38	245.08	522.87			
10/23/99 20:45	1017.25	30.04	0.694	118.38	245.08	523.97			
10/23/99 21:00	1017.25	30.04	0.691	118.38	245.08	523.03	523.35		
10/23/99 21:15	1017.50	30.05	0.693	118.38	245.08	523.68			
10/23/99 21:30	1017.63	30.05	0.692	118.38	245.08	523.20			
10/23/99 21:45	1017.63	30.05	0.691	118.38	245.08	522.70			
10/23/99 22:00	1017.75	30.05	0.691	118.38	245.08	522.90	522.92		
10/23/99 22:15	1017.88	30.06	0.691	118.12	244.61	522.69			
10/23/99 22:30	1018.13	30.07	0.693	118.12	244.61	523.12			
10/23/99 22:45	1018.38	30.07	0.694	118.12	244.61	523.77			
10/23/99 23:00	1018.50	30.08	0.693	118.12	244.61	523.02	523.69		
10/23/99 23:15	1018.50	30.08	0.695	118.12	244.61	523.97			
10/23/99 23:30	1018.63	30.08	0.696	118.38	245.08	524.56			
10/23/99 23:45	1018.75	30.08	0.694	118.12	244.61	523.41			
10/24/99 0:00	1018.75	30.08	0.696	117.59	243.67	523.76	523.66		
10/24/99 0:15	1018.75	30.08	0.693	118.12	244.61	523.19			
10/24/99 0:30	1018.75	30.08	0.693	118.38	245.08	523.36			
10/24/99 0:45	1019.00	30.09	0.694	117.85	244.14	523.44			
10/24/99 1:00	1019.13	30.09	0.694	117.85	244.14	523.14	523.20		
10/24/99 1:15	1019.25	30.10	0.693	117.85	244.14	522.66			
10/24/99 1:30	1019.38	30.10	0.695	117.59	243.67	523.39			
10/24/99 1:45	1019.50	30.11	0.694	117.59	243.67	522.87			
10/24/99 2:00	1019.50	30.11	0.693	117.33	243.20	522.24	522.83		
10/24/99 2:15	1019.75	30.11	0.694	117.85	244.14	523.24			
10/24/99 2:30	1019.75	30.11	0.693	117.33	243.20	522.41			
10/24/99 2:45	1019.88	30.12	0.694	117.07	242.73	522.42			
10/24/99 3:00	1019.88	30.12	0.691	116.81	242.26	521.08	521.95		
10/24/99 3:15	1019.88	30.12	0.694	116.55	241.79	522.07			
10/24/99 3:30	1020.13	30.12	0.693	116.55	241.79	521.79			
10/24/99 3:45	1020.13	30.12	0.695	116.81	242.26	522.67			
10/24/99 4:00	1020.13	30.12	0.696	116.55	241.79	522.73	522.31		
10/24/99 4:15	1020.38	30.13	0.694	116.55	241.79	522.21			
10/24/99 4:30	1020.50	30.14	0.694	116.55	241.79	522.18			
10/24/99 4:45	1020.63	30.14	0.692	116.55	241.79	521.21			
10/24/99 5:00	1020.75	30.14	0.696	116.81	242.26	522.97	521.92		
10/24/99 5:15	1020.88	30.15	0.694	116.81	242.26	522.28			
10/24/99 5:30	1021.13	30.15	0.691	116.81	242.26	520.99			
10/24/99 5:45	1021.25	30.16	0.693	116.81	242.26	521.45			
10/24/99 6:00	1021.50	30.16	0.694	116.81	242.26	522.10	521.73		
10/24/99 6:15	1021.63	30.17	0.694	116.81	242.26	522.07			
10/24/99 6:30	1021.75	30.17	0.694	116.81	242.28	522.03			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/24/99 6:45	1021.75	30.17	0.695	116.81	242.26	522.26			
10/24/99 7:00	1021.88	30.18	0.694	116.81	242.26	522.00	522.09		
10/24/99 7:15	1022.00	30.18	0.694	116.81	242.26	521.97			
10/24/99 7:30	1022.13	30.18	0.695	116.81	242.26	522.16			
10/24/99 7:45	1022.25	30.19	0.696	116.81	242.26	522.36			
10/24/99 8:00	1022.50	30.19	0.694	116.81	242.26	521.84	522.10		
10/24/99 8:15	1022.75	30.20	0.694	116.81	242.26	521.76			
10/24/99 8:30	1023.13	30.21	0.696	116.81	242.26	522.36			
10/24/99 8:45	1023.25	30.22	0.698	116.81	242.26	523.04			
10/24/99 9:00	1023.63	30.23	0.696	116.81	242.26	522.23	522.41		
10/24/99 9:15	1023.75	30.23	0.694	116.81	242.26	521.52			
10/24/99 9:30	1023.88	30.23	0.698	116.81	242.26	522.88			
10/24/99 9:45	1024.00	30.24	0.696	117.07	242.73	522.06			
10/24/99 10:00	1024.25	30.25	0.697	117.33	243.20	522.66	522.98		
10/24/99 10:15	1024.63	30.26	0.699	117.33	243.20	523.28			
10/24/99 10:30	1024.63	30.26	0.701	117.33	243.20	523.97			
10/24/99 10:45	1024.88	30.26	0.699	117.59	243.67	523.84			
10/24/99 11:00	1025.13	30.27	0.696	117.59	243.67	522.15	523.07		
10/24/99 11:15	1025.25	30.28	0.698	117.59	243.67	522.83			
10/24/99 11:30	1025.25	30.28	0.697	117.85	244.14	522.78			
10/24/99 11:45	1025.25	30.28	0.699	117.85	244.14	523.71			
10/24/99 12:00	1025.25	30.28	0.697	118.12	244.61	522.95	523.23		
10/24/99 12:15	1025.13	30.27	0.698	118.38	245.08	523.38			
10/24/99 12:30	1025.13	30.27	0.697	118.64	245.55	523.33			
10/24/99 12:45	1025.00	30.27	0.698	118.90	246.02	523.99			
10/24/99 13:00	1024.75	30.26	0.697	119.42	246.96	523.95	524.02		
10/24/99 13:15	1024.50	30.25	0.698	119.68	247.43	524.42			
10/24/99 13:30	1024.25	30.25	0.697	119.94	247.90	524.43			
10/24/99 13:45	1024.13	30.24	0.700	119.94	247.90	525.63			
10/24/99 14:00	1024.00	30.24	0.697	119.94	247.90	524.49	525.25		
10/24/99 14:15	1023.88	30.23	0.699	120.21	248.37	525.64			
10/24/99 14:30	1023.63	30.23	0.699	120.73	249.31	526.05			
10/24/99 14:45	1023.50	30.22	0.698	120.73	249.31	525.60			
10/24/99 15:00	1023.50	30.22	0.697	120.99	249.78	525.32	525.81		
10/24/99 15:15	1023.50	30.22	0.699	120.99	249.78	526.26			
10/24/99 15:30	1023.38	30.22	0.698	120.99	249.78	525.80			
10/24/99 15:45	1023.38	30.22	0.696	120.99	249.78	525.09			
10/24/99 16:00	1023.25	30.22	0.698	120.99	249.78	525.83	525.50		
10/24/99 16:15	1023.25	30.22	0.694	121.51	250.72	524.52			
10/24/99 16:30	1023.25	30.22	0.699	121.25	250.25	526.23			
10/24/99 16:45	1023.25	30.22	0.698	120.99	249.78	525.61			
10/24/99 17:00	1023.25	30.22	0.699	120.99	249.78	526.32	525.87		
10/24/99 17:15	1023.38	30.22	0.697	120.99	249.78	525.35			
10/24/99 17:30	1023.38	30.22	0.699	120.73	249.31	525.85			
10/24/99 17:45	1023.50	30.22	0.697	120.47	248.84	524.97			
10/24/99 18:00	1023.63	30.23	0.699	120.47	248.84	525.81	525.33		
10/24/99 18:15	1023.75	30.23	0.699	120.21	248.37	525.67			
10/24/99 18:30	1023.75	30.23	0.697	119.94	247.90	524.56			
10/24/99 18:45	1023.88	30.23	0.699	119.68	247.43	525.29			
10/24/99 19:00	1024.13	30.24	0.698	119.68	247.43	524.74	524.26		
10/24/99 19:15	1024.25	30.25	0.696	119.16	246.49	523.42			
10/24/99 19:30	1024.25	30.25	0.696	118.64	245.55	523.29			
10/24/99 19:45	1024.38	30.25	0.696	118.38	245.08	523.09			
10/24/99 20:00	1024.50	30.25	0.696	117.85	244.14	522.71	522.65		
10/24/99 20:15	1024.63	30.26	0.694	117.59	243.67	521.82			
10/24/99 20:30	1024.50	30.25	0.696	117.33	243.20	522.38			
10/24/99 20:45	1024.75	30.26	0.696	117.07	242.73	521.89			
10/24/99 21:00	1024.75	30.26	0.696	117.85	244.14	522.84	522.29		
10/24/99 21:15	1024.75	30.26	0.696	117.59	243.67	522.24			
10/24/99 21:30	1024.75	30.26	0.696	117.33	243.20	522.29			
10/24/99 21:45	1024.75	30.26	0.696	117.59	243.67	522.47			
10/24/99 22:00	1024.75	30.26	0.696	116.55	241.79	521.77	522.16		
10/24/99 22:15	1024.75	30.26	0.697	116.29	241.32	521.88			
10/24/99 22:30	1024.75	30.26	0.698	116.81	242.26	522.43			
10/24/99 22:45	1024.75	30.26	0.697	116.29	241.32	521.88			
10/24/99 23:00	1024.75	30.26	0.695	117.33	243.20	521.84	522.06		
10/24/99 23:15	1024.75	30.26	0.696	117.07	242.73	521.89			
10/24/99 23:30	1024.63	30.26	0.696	117.59	243.67	522.27			
10/24/99 23:45	1024.63	30.26	0.696	117.33	243.20	522.81			
10/25/99 0:00	1024.75	30.26	0.697	116.81	242.26	522.21	522.36		
10/25/99 0:15	1024.75	30.26	0.696	117.59	243.67	522.47			
10/25/99 0:30	1024.75	30.26	0.695	117.59	243.67	522.02			
10/25/99 0:45	1024.63	30.26	0.696	117.59	243.67	522.99			
10/25/99 1:00	1024.38	30.25	0.696	116.55	241.79	521.86	522.16		
10/25/99 1:15	1024.38	30.25	0.696	116.55	241.79	521.64			
10/25/99 1:30	1024.50	30.25	0.696	117.59	243.67	522.31			
10/25/99 1:45	1024.50	30.25	0.694	117.59	243.67	521.66			
10/25/99 2:00	1024.63	30.26	0.696	117.59	243.67	522.50	522.13		
10/25/99 2:15	1024.50	30.25	0.696	117.59	243.67	522.31			
10/25/99 2:30	1024.63	30.26	0.695	117.07	242.73	521.70			
10/25/99 2:45	1024.75	30.26	0.693	116.02	240.84	520.03			
10/25/99 3:00	1024.63	30.26	0.696	117.07	242.73	521.93	521.55		
10/25/99 3:15	1024.63	30.26	0.697	116.55	241.79	522.06			
10/25/99 3:30	1024.50	30.25	0.696	116.81	242.26	522.01			
10/25/99 3:45	1024.63	30.26	0.694	117.33	243.20	521.65			
10/25/99 4:00	1024.63	30.26	0.696	117.33	243.20	522.33	521.90		
10/25/99 4:15	1024.63	30.26	0.695	117.33	243.20	521.88			
10/25/99 4:30	1024.63	30.26	0.694	117.33	243.20	521.65			
10/25/99 4:45	1024.75	30.26	0.691	116.02	240.84	519.54			
10/25/99 5:00	1024.88	30.26	0.694	116.02	240.84	520.71	521.21		
10/25/99 5:15	1024.88	30.26	0.696	116.81	242.26	521.91			
10/25/99 5:30	1025.00	30.27	0.696	117.33	243.20	522.23			
10/25/99 5:45	1025.13	30.27	0.694	117.33	243.20	521.52			
10/25/99 6:00	1025.13	30.27	0.696	117.07	242.73	522.02	521.89		
10/25/99 6:15	1025.13	30.27	0.695	116.55	241.79	521.22			
10/25/99 6:30	1025.38	30.28	0.698	117.07	242.73	522.45			
10/25/99 6:45	1025.50	30.28	0.692	116.02	240.84	519.82			
10/25/99 7:00	1025.63	30.29	0.696	116.81	242.26	521.50	520.78		
10/25/99 7:15	1025.63	30.29	0.695	116.55	241.79	521.10			
10/25/99 7:30	1025.75	30.29	0.693	115.24	239.43	519.25			
10/25/99 7:45	1025.75	30.29	0.693	114.72	238.49	519.13			
10/25/99 8:00	1025.88	30.29	0.696	116.02	240.84	520.91	520.73		
10/25/99 8:15	1025.88	30.29	0.698	117.33	243.20	522.72			
10/25/99 8:30	1026.00	30.30	0.696	116.81	242.26	521.63			
10/25/99 8:45	1026.13	30.30	0.693	116.02	240.84	519.68			
10/25/99 9:00	1026.25	30.31	0.697	116.81	242.26	521.82	521.03		
10/25/99 9:15	1026.25	30.31	0.696	116.81	242.26	521.56			
10/25/99 9:30	1026.25	30.31	0.694	116.55	241.79	520.45			
10/25/99 9:45	1026.13	30.30	0.697	116.55	241.79	521.68			
10/25/99 10:00	1026.00	30.30	0.697	117.07	242.73	522.06	523.54		
10/25/99 10:15	1025.88	30.29	0.728	116.02	240.84	532.72			
10/25/99 10:30	1025.88	30.29	0.693	117.59	243.67	520.79			
10/25/99 10:45	1025.88	30.29	0.694	118.64	245.55	522.20			
10/25/99 11:00	1025.75	30.29	0.696	119.16	246.49	523.03	522.71		
10/25/99 11:15	1025.50	30.28	0.696	119.42	246.96	523.50			
10/25/99 11:30	1025.38	30.28	0.696	119.42	246.96	524.02			
10/25/99 11:45	1025.36	30.28	0.696	119.68	247.43	523.70			
10/25/99 12:00	1025.13	30.27	0.694	119.94	247.90	523.26	524.21		
10/25/99 12:15	1024.88	30.26	0.696	120.47	248.84	524.35			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/25/99 12:30	1024.83	30.26	0.699	120.99	249.78	525.71			
10/25/99 12:45	1024.50	30.25	0.696	120.99	249.78	524.80			
10/25/99 13:00	1024.25	30.25	0.698	121.51	250.72	525.70	525.81		
10/25/99 13:15	1024.00	30.24	0.699	121.77	251.19	526.39			
10/25/99 13:30	1023.63	30.23	0.698	122.03	251.66	526.43			
10/25/99 13:45	1023.38	30.22	0.699	122.56	252.60	527.07			
10/25/99 14:00	1023.25	30.22	0.698	122.82	253.07	526.83	526.66		
10/25/99 14:15	1023.00	30.21	0.697	122.82	253.07	526.66			
10/25/99 14:30	1022.88	30.21	0.698	123.08	253.54	527.32			
10/25/99 14:45	1022.63	30.20	0.696	123.60	254.48	526.79			
10/25/99 15:00	1022.50	30.19	0.699	123.60	254.48	527.99	527.70		
10/25/99 15:15	1022.38	30.19	0.701	123.60	254.48	528.74			
10/25/99 15:30	1022.00	30.18	0.696	123.60	254.48	527.67			
10/25/99 15:45	1021.88	30.18	0.699	123.86	254.95	528.33			
10/25/99 16:00	1021.75	30.17	0.697	123.86	254.95	527.66	527.78		
10/25/99 16:15	1021.63	30.17	0.696	123.86	254.95	527.45			
10/25/99 16:30	1021.38	30.16	0.697	123.86	254.95	527.78			
10/25/99 16:45	1021.25	30.16	0.697	123.60	254.48	527.64			
10/25/99 17:00	1021.00	30.15	0.698	123.34	254.01	527.75	527.53		
10/25/99 17:15	1021.00	30.15	0.696	123.08	253.54	527.09			
10/25/99 17:30	1020.75	30.14	0.697	123.08	253.54	527.42			
10/25/99 17:45	1020.75	30.14	0.697	122.82	253.07	527.24			
10/25/99 18:00	1020.75	30.14	0.696	122.82	253.07	526.98	527.12		
10/25/99 18:15	1020.75	30.14	0.697	122.56	252.60	527.07			
10/25/99 18:30	1020.88	30.15	0.698	122.03	251.66	526.92			
10/25/99 18:45	1020.75	30.14	0.694	121.77	251.19	525.60			
10/25/99 19:00	1020.88	30.15	0.696	121.51	250.72	525.85	525.57		
10/25/99 19:15	1020.88	30.15	0.694	120.99	249.78	525.05			
10/25/99 19:30	1020.88	30.15	0.694	120.47	248.84	524.44			
10/25/99 19:45	1020.88	30.15	0.694	120.21	248.37	524.53			
10/25/99 20:00	1020.75	30.14	0.695	119.42	246.96	524.26	523.76		
10/25/99 20:15	1020.75	30.14	0.691	119.16	246.49	522.65			
10/25/99 20:30	1020.75	30.14	0.692	119.16	246.49	522.92			
10/25/99 20:45	1020.88	30.15	0.694	119.16	246.49	523.56			
10/25/99 21:00	1021.00	30.15	0.694	118.90	246.02	523.36	523.34		
10/25/99 21:15	1020.88	30.15	0.693	118.90	246.02	522.94			
10/25/99 21:30	1020.88	30.15	0.696	118.64	245.55	523.93			
10/25/99 21:45	1020.75	30.14	0.693	118.38	245.08	522.62			
10/25/99 22:00	1020.75	30.14	0.695	118.12	244.61	523.39	522.90		
10/25/99 22:15	1020.63	30.14	0.693	117.85	244.14	522.53			
10/25/99 22:30	1020.75	30.14	0.692	117.85	244.14	522.05			
10/25/99 22:45	1020.75	30.14	0.692	117.59	243.67	521.67			
10/25/99 23:00	1020.50	30.14	0.693	117.85	244.14	522.34	522.15		
10/25/99 23:15	1020.63	30.14	0.692	117.59	243.67	521.90			
10/25/99 23:30	1020.63	30.14	0.694	117.59	243.67	522.58			
10/25/99 23:45	1020.50	30.14	0.693	117.33	243.20	522.21			
10/26/99 0:00	1020.50	30.14	0.691	117.33	243.20	521.50	522.04		
10/26/99 0:15	1020.38	30.13	0.692	117.33	243.20	521.79			
10/26/99 0:30	1020.25	30.13	0.693	117.07	242.73	522.10			
10/26/99 0:45	1020.38	30.13	0.693	117.33	243.20	522.25			
10/26/99 1:00	1020.38	30.13	0.691	117.07	242.73	521.35	521.82		
10/26/99 1:15	1020.38	30.13	0.693	116.81	242.26	521.67			
10/26/99 1:30	1020.38	30.13	0.693	116.55	241.79	521.72			
10/26/99 1:45	1020.38	30.13	0.693	117.33	243.20	522.02			
10/26/99 2:00	1020.13	30.12	0.694	117.33	243.20	522.54	521.54		
10/26/99 2:15	1020.13	30.12	0.689	116.81	242.26	520.56			
10/26/99 2:30	1020.13	30.12	0.691	116.55	241.79	520.64			
10/26/99 2:45	1020.13	30.12	0.690	116.81	242.26	520.79			
10/26/99 3:00	1020.13	30.12	0.692	116.81	242.26	521.51	521.22		
10/26/99 3:15	1020.00	30.12	0.693	116.55	241.79	521.82			
10/26/99 3:30	1019.88	30.12	0.691	116.55	241.79	521.13			
10/26/99 3:45	1019.88	30.12	0.690	117.07	242.73	521.03			
10/26/99 4:00	1019.75	30.11	0.692	117.33	243.20	521.95	521.78		
10/26/99 4:15	1019.50	30.11	0.693	117.33	243.20	522.24			
10/26/99 4:30	1019.38	30.10	0.693	117.59	243.67	522.45			
10/26/99 4:45	1019.25	30.10	0.692	117.59	243.67	522.26			
10/26/99 5:00	1019.25	30.10	0.689	117.59	243.67	521.31	521.93		
10/26/99 5:15	1019.25	30.10	0.691	117.59	243.67	521.99			
10/26/99 5:30	1019.50	30.11	0.690	117.85	244.14	521.65			
10/26/99 5:45	1019.50	30.11	0.691	117.59	243.67	521.93			
10/26/99 6:00	1019.50	30.11	0.691	117.59	243.67	521.93	521.71		
10/26/99 6:15	1019.63	30.11	0.691	117.33	243.20	521.72			
10/26/99 6:30	1019.63	30.11	0.691	117.07	242.73	521.32			
10/26/99 6:45	1019.50	30.11	0.692	116.81	242.26	521.67			
10/26/99 7:00	1019.63	30.11	0.690	116.81	242.26	520.92	521.56		
10/26/99 7:15	1019.63	30.11	0.693	117.33	243.20	522.44			
10/26/99 7:30	1019.75	30.11	0.691	117.33	243.20	521.46			
10/26/99 7:45	1019.75	30.11	0.691	117.33	243.20	521.69			
10/26/99 8:00	1019.88	30.12	0.691	117.07	242.73	521.48	521.56		
10/26/99 8:15	1019.88	30.12	0.691	117.07	242.73	521.26			
10/26/99 8:30	1019.88	30.12	0.692	117.33	243.20	521.92			
10/26/99 8:45	1020.00	30.12	0.693	117.59	243.67	522.52			
10/26/99 9:00	1020.13	30.12	0.691	117.85	244.14	521.72	522.27		
10/26/99 9:15	1020.25	30.13	0.692	118.12	244.61	522.35			
10/26/99 9:30	1020.25	30.13	0.692	118.90	246.02	522.87			
10/26/99 9:45	1020.38	30.13	0.693	119.42	246.96	523.64			
10/26/99 10:00	1020.38	30.13	0.693	119.68	247.43	523.81	523.45		
10/26/99 10:15	1020.50	30.14	0.692	119.94	247.90	523.50			
10/26/99 10:30	1020.38	30.13	0.691	120.21	248.37	523.44			
10/26/99 10:45	1020.13	30.12	0.695	120.47	248.84	525.12			
10/26/99 11:00	1020.00	30.12	0.693	120.73	249.31	524.61	524.69		
10/26/99 11:15	1020.00	30.12	0.694	121.25	250.25	525.45			
10/26/99 11:30	1020.00	30.12	0.692	121.77	251.19	524.85			
10/26/99 11:45	1020.00	30.12	0.694	122.56	252.60	526.05			
10/26/99 12:00	1019.75	30.11	0.694	122.82	253.07	526.55	526.03		
10/26/99 12:15	1019.75	30.11	0.694	122.82	253.07	526.29			
10/26/99 12:30	1019.75	30.11	0.693	123.34	254.01	526.41			
10/26/99 12:45	1019.50	30.11	0.696	123.60	254.48	527.62			
10/26/99 13:00	1019.50	30.11	0.692	124.13	255.43	526.54	527.51		
10/26/99 13:15	1019.25	30.10	0.696	124.39	255.90	528.18			
10/26/99 13:30	1019.00	30.09	0.696	124.91	256.84	528.59			
10/26/99 13:45	1018.88	30.09	0.694	124.91	256.84	528.17			
10/26/99 14:00	1018.63	30.08	0.695	125.43	257.78	528.81	528.88		
10/26/99 14:15	1018.63	30.08	0.695	125.43	257.78	528.81			
10/26/99 14:30	1018.50	30.08	0.697	125.95	258.72	529.91			
10/26/99 14:45	1018.38	30.07	0.696	126.22	259.19	529.65			
10/26/99 15:00	1018.38	30.07	0.695	126.48	259.66	529.57	529.76		
10/26/99 15:15	1018.13	30.07	0.696	126.48	259.66	529.86			
10/26/99 15:30	1018.25	30.07	0.695	126.48	259.66	529.60			
10/26/99 15:45	1018.38	30.07	0.695	127.00	260.60	529.91			
10/26/99 16:00	1018.50	30.08	0.699	126.74	260.13	531.38	530.11		
10/26/99 16:15	1018.50	30.08	0.696	126.74	260.13	530.16			
10/26/99 16:30	1018.63	30.08	0.695	126.48	259.66	529.50			
10/26/99 16:45	1018.75	30.08	0.696	126.22	259.19	529.75			
10/26/99 17:00	1018.75	30.08	0.697	126.22	259.19	530.02	529.33		
10/26/99 17:15	1018.88	30.09	0.696	125.69	258.25	529.14			
10/26/99 17:30	1018.88	30.09	0.694	125.43	257.78	528.25			
10/26/99 17:45	1018.88	30.09	0.694	125.17	257.31	528.34			
10/26/99 18:00	1019.00	30.09	0.694	124.91	256.84	528.14	527.75		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/26/99 18:15	1019.13	30.09	0.696	124.39	255.90	528.21			
10/26/99 18:30	1019.25	30.10	0.691	123.34	254.01	525.82			
10/26/99 18:45	1019.50	30.11	0.694	122.82	253.07	526.82			
10/26/99 19:00	1019.75	30.11	0.694	122.30	252.13	526.21	526.23		
10/26/99 19:15	1020.00	30.12	0.696	121.77	251.19	526.25			
10/26/99 19:30	1020.25	30.13	0.696	121.51	250.72	526.24			
10/26/99 19:45	1020.50	30.14	0.692	120.99	249.78	524.20			
10/26/99 20:00	1020.63	30.14	0.691	120.21	248.37	523.38	524.38		
10/26/99 20:15	1020.75	30.14	0.697	119.94	247.90	525.33			
10/26/99 20:30	1020.88	30.15	0.691	119.68	247.43	522.74			
10/26/99 20:45	1021.00	30.15	0.694	119.42	246.96	523.97			
10/26/99 21:00	1021.13	30.15	0.692	119.16	246.49	522.82	523.05		
10/26/99 21:15	1021.13	30.15	0.692	118.64	245.55	522.47			
10/26/99 21:30	1021.13	30.15	0.694	118.38	245.08	523.24			
10/26/99 21:45	1021.25	30.16	0.690	118.12	244.61	521.38			
10/26/99 22:00	1021.38	30.16	0.694	117.85	244.14	522.56	522.54		
10/26/99 22:15	1021.38	30.16	0.694	117.85	244.14	522.56			
10/26/99 22:30	1021.63	30.17	0.694	118.12	244.61	522.94			
10/26/99 22:45	1021.75	30.17	0.694	118.12	244.61	522.64			
10/26/99 23:00	1022.00	30.18	0.692	118.12	244.61	521.90	522.49		
10/26/99 23:15	1022.00	30.18	0.692	117.85	244.14	521.73			
10/26/99 23:30	1022.00	30.18	0.695	118.38	245.08	523.24			
10/26/99 23:45	1022.00	30.18	0.696	117.85	244.14	523.12			
10/27/99 0:00	1022.00	30.18	0.691	117.33	243.20	521.11	522.85		
10/27/99 0:15	1022.13	30.18	0.693	118.12	244.61	522.32			
10/27/99 0:30	1022.25	30.19	0.696	118.12	244.61	523.46			
10/27/99 0:45	1022.38	30.19	0.695	117.85	244.14	522.80			
10/27/99 1:00	1022.50	30.19	0.696	117.07	242.73	522.47	522.09		
10/27/99 1:15	1022.75	30.20	0.692	116.55	241.79	520.66			
10/27/99 1:30	1022.88	30.21	0.693	116.55	241.79	521.08			
10/27/99 1:45	1023.00	30.21	0.694	116.29	241.32	521.37			
10/27/99 2:00	1023.25	30.22	0.694	116.02	240.84	520.86	521.09		
10/27/99 2:15	1023.38	30.22	0.694	116.02	240.84	520.83			
10/27/99 2:30	1023.38	30.22	0.695	116.02	240.84	521.32			
10/27/99 2:45	1023.50	30.22	0.694	117.07	242.73	521.50			
10/27/99 3:00	1023.63	30.23	0.694	116.81	242.26	521.56	522.06		
10/27/99 3:15	1023.75	30.23	0.695	118.12	244.61	522.62			
10/27/99 3:30	1023.88	30.23	0.697	118.12	244.61	523.30			
10/27/99 3:45	1024.00	30.24	0.693	117.07	242.73	520.92			
10/27/99 4:00	1024.13	30.24	0.693	116.55	241.79	520.77	522.10		
10/27/99 4:15	1024.25	30.25	0.694	117.85	244.14	522.09			
10/27/99 4:30	1024.25	30.25	0.698	118.12	244.61	523.43			
10/27/99 4:45	1024.38	30.25	0.696	117.85	244.14	522.74			
10/27/99 5:00	1024.38	30.25	0.695	117.85	244.14	522.29	522.80		
10/27/99 5:15	1024.38	30.25	0.696	117.85	244.14	522.51			
10/27/99 5:30	1024.50	30.25	0.694	117.85	244.14	522.03			
10/27/99 5:45	1024.50	30.25	0.895	118.81	242.26	521.56			
10/27/99 6:00	1024.63	30.26	0.693	116.02	240.84	520.29	520.71		
10/27/99 6:15	1024.63	30.26	0.693	115.76	240.37	520.11			
10/27/99 6:30	1024.63	30.26	0.693	115.24	239.43	519.54			
10/27/99 6:45	1024.88	30.26	0.693	115.24	239.43	519.70			
10/27/99 7:00	1025.13	30.27	0.694	116.02	240.84	520.65	520.84		
10/27/99 7:15	1025.25	30.28	0.697	117.85	244.14	522.78			
10/27/99 7:30	1025.38	30.28	0.695	117.07	242.73	521.51			
10/27/99 7:45	1025.38	30.28	0.698	117.07	242.73	522.45			
10/27/99 8:00	1025.50	30.28	0.695	117.33	243.20	521.85	522.00		
10/27/99 8:15	1025.63	30.29	0.697	117.59	243.87	522.51			
10/27/99 8:30	1026.00	30.30	0.695	117.85	244.14	521.87			
10/27/99 8:45	1026.25	30.31	0.696	117.85	244.14	522.26			
10/27/99 9:00	1026.50	30.31	0.700	118.12	244.61	523.80	522.36		
10/27/99 9:15	1026.63	30.32	0.696	117.85	244.14	522.17			
10/27/99 9:30	1026.75	30.32	0.695	117.85	244.14	521.68			
10/27/99 9:45	1027.00	30.33	0.697	117.85	244.14	522.33			
10/27/99 10:00	1027.13	30.33	0.697	118.12	244.61	522.47	522.42		
10/27/99 10:15	1027.25	30.33	0.696	118.38	245.08	522.13			
10/27/99 10:30	1027.00	30.33	0.698	118.90	246.02	523.48			
10/27/99 10:45	1026.88	30.32	0.697	119.42	246.96	523.41			
10/27/99 11:00	1027.00	30.33	0.698	119.68	247.43	524.00	523.97		
10/27/99 11:15	1027.00	30.33	0.699	120.21	248.37	524.58			
10/27/99 11:30	1026.88	30.32	0.698	120.21	248.37	524.38			
10/27/99 11:45	1026.63	30.32	0.700	120.73	249.31	525.51			
10/27/99 12:00	1026.63	30.32	0.698	120.99	249.78	524.74	525.25		
10/27/99 12:15	1026.50	30.31	0.699	121.51	250.72	525.84			
10/27/99 12:30	1026.38	30.31	0.699	121.77	251.19	525.78			
10/27/99 12:45	1026.25	30.31	0.698	122.30	252.13	525.71			
10/27/99 13:00	1026.13	30.30	0.698	122.56	252.60	526.14	526.42		
10/27/99 13:15	1026.13	30.30	0.701	122.82	253.07	527.48			
10/27/99 13:30	1026.00	30.30	0.699	123.08	253.54	527.01			
10/27/99 13:45	1025.75	30.29	0.698	123.34	254.01	526.76			
10/27/99 14:00	1025.50	30.28	0.698	123.60	254.48	526.77	527.06		
10/27/99 14:15	1025.38	30.28	0.699	123.60	254.48	527.25			
10/27/99 14:30	1025.38	30.28	0.699	123.60	254.48	527.52			
10/27/99 14:45	1025.25	30.28	0.699	124.13	255.43	527.63			
10/27/99 15:00	1025.13	30.27	0.699	124.39	255.90	528.10	528.00		
10/27/99 15:15	1024.88	30.26	0.700	124.39	255.90	528.39			
10/27/99 15:30	1024.88	30.26	0.699	124.65	256.37	528.34			
10/27/99 15:45	1024.88	30.26	0.698	124.65	256.37	527.85			
10/27/99 16:00	1025.00	30.27	0.697	124.65	256.37	527.36	528.16		
10/27/99 16:15	1025.00	30.27	0.701	124.91	256.84	529.16			
10/27/99 16:30	1024.75	30.26	0.699	124.65	256.37	528.11			
10/27/99 16:45	1024.75	30.26	0.703	124.65	256.37	529.54			
10/27/99 17:00	1024.88	30.26	0.699	124.65	256.37	528.07	528.29		
10/27/99 17:15	1025.00	30.27	0.698	124.39	255.90	527.42			
10/27/99 17:30	1025.13	30.27	0.700	124.39	255.90	528.33			
10/27/99 17:45	1025.13	30.27	0.699	124.39	255.90	526.10			
10/27/99 18:00	1025.00	30.27	0.701	123.60	254.48	528.29	527.46		
10/27/99 18:15	1025.00	30.27	0.696	123.08	253.54	526.55			
10/27/99 18:30	1025.00	30.27	0.697	122.82	253.07	526.15			
10/27/99 18:45	1025.13	30.27	0.698	122.03	251.66	525.82			
10/27/99 19:00	1025.13	30.27	0.694	121.51	250.72	524.31	524.22		
10/27/99 19:15	1025.38	30.28	0.691	120.99	249.78	522.69			
10/27/99 19:30	1025.38	30.28	0.691	120.47	248.84	522.11			
10/27/99 19:45	1025.38	30.28	0.693	119.94	247.90	522.71			
10/27/99 20:00	1025.50	30.28	0.695	119.68	247.43	523.22	522.09		
10/27/99 20:15	1025.50	30.28	0.691	119.68	247.43	521.79			
10/27/99 20:30	1025.63	30.29	0.689	119.42	246.96	520.64			
10/27/99 20:45	1025.75	30.29	0.691	119.16	246.49	521.38			
10/27/99 21:00	1025.75	30.29	0.691	119.16	246.49	521.38	521.04		
10/27/99 21:15	1025.75	30.29	0.691	118.90	246.02	521.20			
10/27/99 21:30	1025.63	30.29	0.690	118.64	245.55	520.61			
10/27/99 21:45	1025.50	30.28	0.693	118.38	245.08	521.41			
10/27/99 22:00	1025.75	30.29	0.691	118.12	244.61	520.48	520.71		
10/27/99 22:15	1025.88	30.29	0.691	118.38	245.08	520.80			
10/27/99 22:30	1025.88	30.29	0.691	117.85	244.14	520.48			
10/27/99 22:45	1025.75	30.29	0.691	117.85	244.14	520.28			
10/27/99 23:00	1025.75	30.29	0.693	117.85	244.14	521.22	521.00		
10/27/99 23:15	1025.63	30.29	0.693	118.38	245.08	521.60			
10/27/99 23:30	1025.63	30.29	0.693	118.12	244.61	521.43			
10/27/99 23:45	1025.63	30.29	0.692	117.85	244.14	520.80			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/28/99 0:00	1025.75	30.29	0.691	117.59	243.67	520.33	520.68		
10/28/99 0:15	1025.75	30.29	0.692	117.59	243.67	520.80			
10/28/99 0:30	1025.63	30.29	0.691	117.59	243.67	520.14			
10/28/99 0:45	1025.50	30.28	0.691	117.33	243.20	520.00			
10/28/99 1:00	1025.63	30.29	0.693	117.33	243.20	520.68	520.69		
10/28/99 1:15	1025.50	30.28	0.694	117.33	243.20	521.16			
10/28/99 1:30	1025.50	30.28	0.693	118.12	244.61	521.46			
10/28/99 1:45	1025.50	30.28	0.691	117.85	244.14	520.35			
10/28/99 2:00	1025.25	30.28	0.691	117.33	243.20	520.06	520.46		
10/28/99 2:15	1025.25	30.28	0.693	117.33	243.20	520.78			
10/28/99 2:30	1025.25	30.28	0.690	117.07	242.73	519.68			
10/28/99 2:45	1025.25	30.28	0.690	117.07	242.73	519.66			
10/28/99 3:00	1025.25	30.28	0.689	116.81	242.26	519.26	519.54		
10/28/99 3:15	1025.50	30.28	0.691	116.61	242.26	519.65			
10/28/99 3:30	1025.50	30.28	0.691	116.55	241.79	519.48			
10/28/99 3:45	1025.50	30.28	0.693	117.59	243.67	520.89			
10/28/99 4:00	1025.25	30.28	0.693	118.38	245.08	521.70	520.47		
10/28/99 4:15	1025.38	30.28	0.690	118.12	244.61	520.33			
10/28/99 4:30	1025.38	30.28	0.690	117.59	243.67	519.98			
10/28/99 4:45	1025.25	30.28	0.689	117.33	243.20	519.61			
10/28/99 5:00	1025.38	30.28	0.691	118.12	244.61	520.78	520.14		
10/28/99 5:15	1025.25	30.28	0.689	118.12	244.61	520.13			
10/28/99 5:30	1025.25	30.28	0.690	117.85	244.14	520.18			
10/28/99 5:45	1025.25	30.28	0.689	117.33	243.20	519.61			
10/28/99 6:00	1025.25	30.28	0.689	116.81	242.26	519.26	519.34		
10/28/99 6:15	1025.38	30.28	0.689	116.55	241.79	519.06			
10/28/99 6:30	1025.50	30.28	0.689	116.29	241.32	518.59			
10/28/99 6:45	1025.63	30.29	0.688	116.29	241.32	518.10			
10/28/99 7:00	1025.75	30.29	0.689	116.29	241.32	518.52	518.51		
10/28/99 7:15	1025.75	30.29	0.688	116.29	241.32	518.07			
10/28/99 7:30	1025.75	30.29	0.691	116.29	241.32	519.24			
10/28/99 7:45	1025.88	30.29	0.688	116.02	240.84	518.09			
10/28/99 8:00	1026.00	30.30	0.687	116.02	240.84	517.81	518.50		
10/28/99 8:15	1026.00	30.30	0.690	116.02	240.84	518.78			
10/28/99 8:30	1026.00	30.30	0.690	116.02	240.84	518.78			
10/28/99 8:45	1026.00	30.30	0.689	116.29	241.32	518.72			
10/28/99 9:00	1025.88	30.29	0.689	116.55	241.79	518.67	519.30		
10/28/99 9:15	1026.00	30.30	0.689	117.33	243.20	519.16			
10/28/99 9:30	1026.00	30.30	0.693	117.65	244.14	521.16			
10/28/99 9:45	1026.00	30.30	0.727	117.07	242.73	533.18			
10/28/99 10:00	1026.00	30.30	0.689	118.90	246.02	520.46	523.30		
10/28/99 10:15	1025.88	30.29	0.687	119.88	247.43	520.07			
10/28/99 10:30	1025.75	30.29	0.690	120.21	248.37	521.62			
10/28/99 10:45	1025.63	30.29	0.690	120.99	249.78	522.17			
10/28/99 11:00	1025.50	30.28	0.690	121.51	250.72	522.55	523.09		
10/28/99 11:15	1025.63	30.29	0.691	122.56	252.60	523.43			
10/28/99 11:30	1025.63	30.29	0.696	123.08	253.54	525.67			
10/28/99 11:45	1025.63	30.29	0.694	123.34	254.01	525.39			
10/28/99 12:00	1025.50	30.28	0.694	123.86	254.95	525.77	525.77		
10/28/99 12:15	1025.38	30.28	0.693	124.39	255.90	525.65			
10/28/99 12:30	1025.13	30.27	0.694	124.65	256.37	526.38			
10/28/99 12:45	1024.88	30.26	0.695	125.17	257.31	527.02			
10/28/99 13:00	1024.63	30.26	0.693	125.43	257.78	526.54	526.84		
10/28/99 13:15	1024.38	30.25	0.691	126.22	259.19	526.39			
10/28/99 13:30	1024.00	30.24	0.694	126.48	259.66	527.88			
10/28/99 13:45	1023.75	30.23	0.693	127.00	260.60	527.57			
10/28/99 14:00	1023.63	30.23	0.694	127.00	260.60	528.32	528.37		
10/28/99 14:15	1023.50	30.22	0.696	127.52	261.54	529.18			
10/28/99 14:30	1023.25	30.22	0.694	127.78	262.01	528.94			
10/28/99 14:45	1023.13	30.21	0.697	127.78	262.01	529.92			
10/28/99 15:00	1023.13	30.21	0.697	127.78	262.01	529.92	529.75		
10/28/99 15:15	1023.00	30.21	0.696	128.04	262.48	529.86			
10/28/99 15:30	1022.75	30.20	0.696	128.31	262.95	530.10			
10/28/99 15:45	1022.75	30.20	0.696	128.57	263.42	530.27			
10/28/99 16:00	1022.50	30.19	0.696	128.57	263.42	530.33	530.07		
10/28/99 16:15	1022.63	30.20	0.696	128.31	262.95	530.13			
10/28/99 16:30	1022.63	30.20	0.695	128.04	262.48	529.50			
10/28/99 16:45	1022.50	30.19	0.696	128.04	262.48	529.76			
10/28/99 17:00	1022.50	30.19	0.695	128.31	262.95	529.70	529.26		
10/28/99 17:15	1022.63	30.20	0.693	127.78	262.01	528.60			
10/28/99 17:30	1022.63	30.20	0.694	127.26	261.07	528.75			
10/28/99 17:45	1022.50	30.19	0.696	127.26	261.07	529.24			
10/28/99 18:00	1022.50	30.19	0.696	127.26	261.07	529.47	529.51		
10/28/99 18:15	1022.50	30.19	0.699	126.74	260.13	530.07			
10/28/99 18:30	1022.63	30.20	0.700	125.95	258.72	530.01			
10/28/99 18:45	1022.75	30.20	0.699	125.17	257.31	528.97			
10/28/99 19:00	1022.75	30.20	0.698	124.65	256.37	528.40	528.56		
10/28/99 19:15	1022.75	30.20	0.698	124.39	255.90	528.00			
10/28/99 19:30	1022.88	30.21	0.698	123.60	254.48	527.44			
10/28/99 19:45	1023.00	30.21	0.698	123.08	253.54	527.06			
10/28/99 20:00	1023.13	30.21	0.696	122.82	253.07	526.37	526.65		
10/28/99 20:15	1023.13	30.21	0.697	122.30	252.13	526.28			
10/28/99 20:30	1023.13	30.21	0.697	122.03	251.66	526.11			
10/28/99 20:45	1023.25	30.22	0.699	121.77	251.19	526.58			
10/28/99 21:00	1023.25	30.22	0.695	121.77	251.19	525.19	525.84		
10/28/99 21:15	1023.38	30.22	0.697	121.25	250.25	525.52			
10/28/99 21:30	1023.38	30.22	0.698	120.99	249.78	525.80			
10/28/99 21:45	1023.38	30.22	0.696	120.99	249.78	525.09			
10/28/99 22:00	1023.38	30.22	0.696	120.99	249.78	525.09	525.42		
10/28/99 22:15	1023.38	30.22	0.698	120.99	249.78	525.56			
10/28/99 22:30	1023.38	30.22	0.698	120.99	249.78	525.58			
10/28/99 22:45	1023.50	30.22	0.700	120.99	249.78	526.48			
10/28/99 23:00	1023.50	30.22	0.697	120.73	249.31	525.14	525.44		
10/28/99 23:15	1023.63	30.23	0.696	120.21	248.37	525.21			
10/28/99 23:30	1023.63	30.23	0.697	120.21	248.37	524.76			
10/28/99 23:45	1023.63	30.23	0.699	120.21	248.37	525.44			
10/29/99 0:00	1023.75	30.23	0.699	120.21	248.37	525.41	524.75		
10/29/99 0:15	1023.75	30.23	0.696	119.94	247.90	524.07			
10/29/99 0:30	1023.75	30.23	0.696	119.94	247.90	524.07			
10/29/99 0:45	1023.75	30.23	0.696	119.68	247.43	524.12			
10/29/99 1:00	1023.75	30.23	0.697	119.68	247.43	524.38	524.16		
10/29/99 1:15	1023.75	30.23	0.696	119.68	247.43	524.12			
10/29/99 1:30	1023.75	30.23	0.696	119.68	247.43	524.12			
10/29/99 1:45	1023.75	30.23	0.696	119.68	247.43	524.12			
10/29/99 2:00	1023.75	30.23	0.698	119.42	246.96	524.66	524.39		
10/29/99 2:15	1023.75	30.23	0.697	119.42	246.96	524.21			
10/29/99 2:30	1023.88	30.23	0.699	119.42	246.96	524.85			
10/29/99 2:45	1023.88	30.23	0.698	119.42	246.96	524.40			
10/29/99 3:00	1023.88	30.23	0.696	119.42	246.96	523.69	524.27		
10/29/99 3:15	1024.00	30.24	0.698	119.16	246.49	524.20			
10/29/99 3:30	1024.00	30.24	0.696	119.16	246.49	524.20			
10/29/99 3:45	1023.88	30.23	0.696	119.16	246.49	523.51			
10/29/99 4:00	1023.88	30.23	0.696	119.16	246.49	523.51	523.88		
10/29/99 4:15	1023.88	30.23	0.698	119.16	246.49	524.45			
10/29/99 4:30	1024.00	30.24	0.696	119.16	246.49	523.71			
10/29/99 4:45	1024.00	30.24	0.698	119.16	246.49	524.42			
10/29/99 5:00	1024.13	30.24	0.696	119.16	246.49	523.45	523.79		
10/29/99 5:15	1024.13	30.24	0.697	118.90	246.02	523.76			
10/29/99 5:30	1024.38	30.25	0.696	119.16	246.49	523.61			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/29/99 5:45	1024.38	30.25	0.696	118.90	246.02	523.44			
10/29/99 6:00	1024.63	30.26	0.697	118.90	246.02	523.64	523.53		
10/29/99 6:15	1024.63	30.26	0.698	118.90	246.02	523.88			
10/29/99 6:30	1024.75	30.26	0.696	118.90	246.02	523.11			
10/29/99 6:45	1024.75	30.26	0.696	118.38	245.08	522.99			
10/29/99 7:00	1024.88	30.26	0.696	118.64	245.55	523.13	522.89		
10/29/99 7:15	1024.88	30.26	0.695	118.64	245.55	522.68			
10/29/99 7:30	1024.88	30.26	0.695	118.38	245.08	522.51			
10/29/99 7:45	1024.88	30.26	0.697	119.16	246.49	523.75			
10/29/99 8:00	1025.13	30.27	0.698	119.16	246.49	523.91	523.48		
10/29/99 8:15	1025.25	30.28	0.697	118.90	246.02	523.48			
10/29/99 8:30	1025.50	30.28	0.699	118.38	245.08	523.74			
10/29/99 8:45	1025.63	30.29	0.699	118.90	246.02	524.06			
10/29/99 9:00	1025.75	30.29	0.700	119.16	246.49	524.69	524.56		
10/29/99 9:15	1025.88	30.29	0.699	119.88	247.43	524.52			
10/29/99 9:30	1026.13	30.30	0.702	119.94	247.90	525.83			
10/29/99 9:45	1026.13	30.30	0.698	120.47	248.84	524.75			
10/29/99 10:00	1026.00	30.30	0.698	121.25	250.25	525.30	525.83		
10/29/99 10:15	1026.13	30.30	0.699	121.77	251.19	526.11			
10/29/99 10:30	1026.00	30.30	0.701	122.30	252.13	527.16			
10/29/99 10:45	1026.00	30.30	0.700	123.08	253.54	527.23			
10/29/99 11:00	1026.00	30.30	0.704	123.34	254.01	528.80	527.76		
10/29/99 11:15	1026.00	30.30	0.698	123.86	254.95	527.04			
10/29/99 11:30	1026.00	30.30	0.701	124.39	255.90	528.56			
10/29/99 11:45	1026.00	30.30	0.701	124.91	256.84	528.90			
10/29/99 12:00	1025.88	30.29	0.704	125.17	257.31	530.31	529.67		
10/29/99 12:15	1025.88	30.29	0.703	125.43	257.78	530.00			
10/29/99 12:30	1025.88	30.29	0.704	125.95	258.72	530.57			
10/29/99 12:45	1025.63	30.29	0.703	126.22	259.19	530.58			
10/29/99 13:00	1025.38	30.28	0.703	126.74	260.13	530.77	531.12		
10/29/99 13:15	1025.00	30.27	0.704	127.00	260.60	531.49			
10/29/99 13:30	1024.75	30.26	0.704	127.52	261.54	532.17			
10/29/99 13:45	1024.38	30.25	0.704	127.52	261.54	532.27			
10/29/99 14:00	1024.38	30.25	0.707	128.04	262.48	533.56	532.87		
10/29/99 14:15	1024.25	30.25	0.703	128.31	262.95	532.10			
10/29/99 14:30	1024.13	30.24	0.705	128.57	263.42	533.25			
10/29/99 14:45	1024.00	30.24	0.706	128.57	263.42	533.51			
10/29/99 15:00	1023.88	30.23	0.707	128.83	263.89	534.21	533.84		
10/29/99 15:15	1023.75	30.23	0.707	128.83	263.89	534.24			
10/29/99 15:30	1023.63	30.23	0.706	128.83	263.89	534.01			
10/29/99 15:45	1023.63	30.23	0.707	128.83	263.89	534.27			
10/29/99 16:00	1023.63	30.23	0.706	128.83	263.89	533.78	534.03		
10/29/99 16:15	1023.50	30.22	0.706	128.83	263.89	534.04			
10/29/99 16:30	1023.50	30.22	0.706	128.83	263.89	534.04			
10/29/99 16:45	1023.50	30.22	0.705	128.57	263.42	533.41			
10/29/99 17:00	1023.50	30.22	0.704	128.31	262.95	533.01	533.49		
10/29/99 17:15	1023.50	30.22	0.706	128.31	262.95	533.69			
10/29/99 17:30	1023.50	30.22	0.706	128.04	262.48	533.29			
10/29/99 17:45	1023.50	30.22	0.706	127.52	261.54	533.17			
10/29/99 18:00	1023.50	30.22	0.705	127.52	261.54	532.72	532.77		
10/29/99 18:15	1023.38	30.22	0.706	127.26	261.07	533.03			
10/29/99 18:30	1023.50	30.22	0.704	126.22	259.19	531.62			
10/29/99 18:45	1023.63	30.23	0.704	125.43	257.78	530.81			
10/29/99 19:00	1023.75	30.23	0.705	124.91	256.84	530.92	530.58		
10/29/99 19:15	1023.75	30.23	0.704	124.39	255.90	530.34			
10/29/99 19:30	1023.88	30.23	0.702	124.13	255.43	529.19			
10/29/99 19:45	1024.13	30.24	0.702	123.60	254.48	528.78			
10/29/99 20:00	1024.25	30.25	0.704	123.34	254.01	529.25	528.85		
10/29/99 20:15	1024.38	30.25	0.703	123.08	253.54	528.82			
10/29/99 20:30	1024.38	30.25	0.702	122.82	253.07	528.19			
10/29/99 20:45	1024.25	30.25	0.701	122.56	252.60	527.56			
10/29/99 21:00	1024.38	30.25	0.701	122.56	252.60	527.76	527.72		
10/29/99 21:15	1024.13	30.24	0.701	122.56	252.60	527.82			
10/29/99 21:30	1024.13	30.24	0.701	122.03	251.66	527.25			
10/29/99 21:45	1024.13	30.24	0.701	122.03	251.66	527.25			
10/29/99 22:00	1024.00	30.24	0.701	121.77	251.19	527.33	527.10		
10/29/99 22:15	1024.25	30.25	0.699	121.77	251.19	526.59			
10/29/99 22:30	1024.13	30.24	0.701	121.77	251.19	527.07			
10/29/99 22:45	1024.13	30.24	0.702	121.77	251.19	527.56			
10/29/99 23:00	1024.25	30.25	0.701	121.77	251.19	527.27	527.16		
10/29/99 23:15	1024.13	30.24	0.701	121.77	251.19	527.07			
10/29/99 23:30	1024.13	30.24	0.700	121.77	251.19	526.85			
10/29/99 23:45	1023.88	30.23	0.701	121.77	251.19	527.14			
10/30/99 0:00	1023.63	30.23	0.699	121.77	251.19	526.75	526.79		
10/30/99 0:15	1023.63	30.23	0.701	121.77	251.19	527.20			
10/30/99 0:30	1023.63	30.23	0.698	121.77	251.19	526.03			
10/30/99 0:45	1023.63	30.23	0.700	121.77	251.19	526.98			
10/30/99 1:00	1023.63	30.23	0.700	121.51	250.72	526.80	526.50		
10/30/99 1:15	1023.50	30.22	0.701	120.99	249.78	526.94			
10/30/99 1:30	1023.63	30.23	0.698	120.99	249.78	525.74			
10/30/99 1:45	1023.63	30.23	0.699	120.99	249.78	526.23			
10/30/99 2:00	1023.75	30.23	0.699	120.73	249.31	526.02	526.23		
10/30/99 2:15	1023.75	30.23	0.702	120.73	249.31	526.96			
10/30/99 2:30	1023.88	30.23	0.700	120.73	249.31	526.21			
10/30/99 2:45	1023.88	30.23	0.700	120.47	248.84	528.04			
10/30/99 3:00	1023.88	30.23	0.699	120.21	248.37	525.38	525.59		
10/30/99 3:15	1023.88	30.23	0.698	120.21	248.37	524.92			
10/30/99 3:30	1023.88	30.23	0.699	120.21	248.37	525.38			
10/30/99 3:45	1024.00	30.24	0.700	119.94	247.90	525.66			
10/30/99 4:00	1024.00	30.24	0.698	119.94	247.90	524.72	524.88		
10/30/99 4:15	1024.13	30.24	0.698	119.88	247.43	524.51			
10/30/99 4:30	1024.13	30.24	0.696	119.66	247.43	524.02			
10/30/99 4:45	1024.00	30.24	0.698	119.42	246.96	524.60			
10/30/99 5:00	1024.13	30.24	0.698	119.42	246.96	524.34	524.49		
10/30/99 5:15	1024.25	30.25	0.698	119.42	246.96	524.53			
10/30/99 5:30	1024.50	30.25	0.699	119.42	246.96	524.96			
10/30/99 5:45	1024.75	30.28	0.696	119.42	246.96	524.40			
10/30/99 6:00	1024.88	30.26	0.696	119.16	246.49	523.97	524.33		
10/30/99 6:15	1025.00	30.27	0.699	119.16	246.49	524.39			
10/30/99 6:30	1025.13	30.27	0.696	119.16	246.49	523.91			
10/30/99 6:45	1025.25	30.28	0.703	119.16	246.49	525.75			
10/30/99 7:00	1025.25	30.28	0.698	119.16	246.49	524.10	524.45		
10/30/99 7:15	1025.25	30.28	0.700	119.16	246.49	524.61			
10/30/99 7:30	1025.38	30.28	0.698	118.90	246.02	523.67			
10/30/99 7:45	1025.50	30.28	0.702	119.16	246.49	525.46			
10/30/99 8:00	1025.50	30.28	0.699	119.16	246.49	524.52	524.45		
10/30/99 8:15	1025.75	30.29	0.698	119.16	246.49	523.97			
10/30/99 8:30	1026.00	30.30	0.700	119.16	246.49	524.62			
10/30/99 8:45	1026.13	30.30	0.701	119.16	246.49	525.04			
10/30/99 9:00	1026.25	30.31	0.701	119.42	246.96	525.16	525.30		
10/30/99 9:15	1026.25	30.31	0.703	119.94	247.90	526.02			
10/30/99 9:30	1026.38	30.31	0.701	120.47	248.84	525.62			
10/30/99 9:45	1026.38	30.31	0.701	120.99	249.78	525.97			
10/30/99 10:00	1026.38	30.31	0.701	121.51	250.72	526.55	526.94		
10/30/99 10:15	1026.38	30.31	0.704	122.30	252.13	526.27			
10/30/99 10:30	1028.38	30.31	0.703	123.08	253.54	526.30			
10/30/99 10:45	1026.38	30.31	0.705	123.34	254.01	529.19			
10/30/99 11:00	1028.38	30.31	0.703	124.13	255.43	529.00	529.18		
10/30/99 11:15	1026.25	30.31	0.703	124.65	256.37	529.15			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/30/99 11:30	1026.25	30.31	0.705	124.91	256.84	530.27			
10/30/99 11:45	1026.13	30.30	0.703	125.43	257.78	529.93			
10/30/99 12:00	1026.13	30.30	0.703	125.95	258.72	530.28	530.72		
10/30/99 12:15	1026.00	30.30	0.706	126.22	259.19	531.43			
10/30/99 12:30	1025.88	30.29	0.706	126.22	259.19	531.69			
10/30/99 12:45	1025.63	30.29	0.706	126.74	260.13	532.10			
10/30/99 13:00	1025.25	30.28	0.708	127.00	260.60	532.86	532.40		
10/30/99 13:15	1025.13	30.27	0.706	127.26	261.07	532.58			
10/30/99 13:30	1025.00	30.27	0.706	127.52	261.54	532.78			
10/30/99 13:45	1024.75	30.26	0.705	127.78	262.01	532.57			
10/30/99 14:00	1024.75	30.26	0.709	127.78	262.01	533.96	533.44		
10/30/99 14:15	1024.63	30.26	0.708	128.04	262.48	533.72			
10/30/99 14:30	1024.50	30.25	0.708	128.31	262.95	534.15			
10/30/99 14:45	1024.25	30.25	0.706	128.31	262.95	533.50			
10/30/99 15:00	1024.25	30.25	0.704	128.31	262.95	532.55	533.51		
10/30/99 15:15	1024.13	30.24	0.707	128.31	262.95	533.80			
10/30/99 15:30	1024.00	30.24	0.706	128.31	262.95	533.56			
10/30/99 15:45	1023.88	30.23	0.705	128.31	262.95	533.14			
10/30/99 16:00	1023.88	30.23	0.707	128.04	262.48	533.69	533.64		
10/30/99 16:15	1023.88	30.23	0.709	128.04	262.48	534.63			
10/30/99 16:30	1023.88	30.23	0.706	128.04	262.48	533.20			
10/30/99 16:45	1023.88	30.23	0.708	127.52	261.54	533.79			
10/30/99 17:00	1023.88	30.23	0.706	127.26	261.07	533.39	533.31		
10/30/99 17:15	1023.63	30.23	0.708	127.26	261.07	533.68			
10/30/99 17:30	1023.88	30.23	0.706	127.00	260.60	532.50			
10/30/99 17:45	1023.88	30.23	0.709	126.74	260.13	533.50			
10/30/99 18:00	1023.88	30.23	0.705	126.74	260.13	532.10	532.54		
10/30/99 18:15	1024.00	30.24	0.706	126.48	259.66	532.35			
10/30/99 18:30	1024.13	30.24	0.707	125.95	258.72	532.23			
10/30/99 18:45	1024.13	30.24	0.703	125.17	257.31	530.28			
10/30/99 19:00	1024.13	30.24	0.705	124.39	255.90	530.47	530.26		
10/30/99 19:15	1024.38	30.25	0.704	123.86	254.95	529.57			
10/30/99 19:30	1024.50	30.25	0.703	123.34	254.01	528.74			
10/30/99 19:45	1024.63	30.26	0.702	123.08	253.54	528.30			
10/30/99 20:00	1024.88	30.26	0.704	122.56	252.60	528.83	528.39		
10/30/99 20:15	1024.88	30.26	0.704	122.56	252.60	528.57			
10/30/99 20:30	1025.00	30.27	0.702	122.03	251.66	527.51			
10/30/99 20:45	1025.00	30.27	0.703	121.77	251.19	527.56			
10/30/99 21:00	1025.00	30.27	0.704	121.77	251.19	528.01	527.45		
10/30/99 21:15	1025.13	30.27	0.701	121.51	250.72	526.87			
10/30/99 21:30	1025.13	30.27	0.702	121.77	251.19	527.30			
10/30/99 21:45	1025.38	30.28	0.704	121.51	250.72	528.00			
10/30/99 22:00	1025.38	30.28	0.705	120.99	249.78	527.88	527.66		
10/30/99 22:15	1025.50	30.28	0.703	120.99	249.78	527.13			
10/30/99 22:30	1025.63	30.29	0.705	121.25	250.25	527.99			
10/30/99 22:45	1025.75	30.29	0.704	121.51	250.72	527.91			
10/30/99 23:00	1025.75	30.29	0.702	120.99	249.78	526.62	527.45		
10/30/99 23:15	1026.00	30.30	0.704	120.99	249.78	527.49			
10/30/99 23:30	1026.00	30.30	0.704	120.99	249.78	527.23			
10/30/99 23:45	1026.00	30.30	0.704	120.99	249.78	527.49			
10/31/99 0:00	1025.88	30.29	0.704	120.99	249.78	527.26	527.16		
10/31/99 0:15	1025.63	30.29	0.704	120.73	249.31	527.15			
10/31/99 0:30	1025.75	30.29	0.703	120.73	249.31	526.67			
10/31/99 0:45	1025.75	30.29	0.703	120.99	249.78	526.84			
10/31/99 1:00	1025.88	30.29	0.701	120.99	249.78	526.33	526.49		
10/31/99 1:15	1025.88	30.29	0.703	120.73	249.31	526.64			
10/31/99 1:30	1025.88	30.29	0.701	120.47	248.84	525.98			
10/31/99 1:45	1025.88	30.29	0.704	120.47	248.84	526.91			
10/31/99 2:00	1025.88	30.29	0.701	120.21	248.37	525.80	526.29		
10/31/99 2:15	1025.88	30.29	0.703	120.21	248.37	526.29			
10/31/99 2:30	1026.00	30.30	0.703	120.21	248.37	526.48			
10/31/99 2:45	1026.00	30.30	0.701	120.21	248.37	525.77			
10/31/99 3:00	1026.13	30.30	0.701	119.94	247.90	525.34	525.94		
10/31/99 2:15	1026.13	30.30	0.702	119.94	247.90	525.83			
10/31/99 2:30	1026.13	30.30	0.703	119.94	247.90	526.27			
10/31/99 2:45	1026.00	30.30	0.701	119.94	247.90	525.60			
10/31/99 3:00	1026.00	30.30	0.703	119.68	247.43	525.91	526.06		
10/31/99 3:15	1025.88	30.29	0.705	119.94	247.90	527.05			
10/31/99 3:30	1025.88	30.29	0.701	119.68	247.43	525.45			
10/31/99 3:45	1026.00	30.30	0.704	119.68	247.43	526.36			
10/31/99 4:00	1025.88	30.29	0.704	119.68	247.43	526.39	526.09		
10/31/99 4:15	1025.88	30.29	0.702	119.68	247.43	525.71			
10/31/99 4:30	1026.25	30.31	0.704	119.68	247.43	526.55			
10/31/99 4:45	1026.38	30.31	0.703	119.68	247.43	526.04			
10/31/99 5:00	1026.38	30.31	0.700	119.68	247.43	524.87	525.80		
10/31/99 5:15	1026.38	30.31	0.704	119.68	247.43	526.28			
10/31/99 5:30	1026.50	30.31	0.701	119.68	247.43	525.29			
10/31/99 5:45	1026.63	30.32	0.703	119.68	247.43	525.97			
10/31/99 6:00	1026.63	30.32	0.702	119.68	247.43	525.52	525.50		
10/31/99 6:15	1026.63	30.32	0.702	119.42	246.96	525.35			
10/31/99 6:30	1026.63	30.32	0.702	119.42	246.96	525.35			
10/31/99 6:45	1026.63	30.32	0.701	119.42	246.96	525.09			
10/31/99 7:00	1026.63	30.32	0.701	119.42	246.96	525.09	525.26		
10/31/99 7:15	1026.75	30.32	0.703	119.42	246.96	525.54			
10/31/99 7:30	1026.75	30.32	0.701	119.68	247.43	525.23			
10/31/99 7:45	1026.75	30.32	0.704	119.68	247.43	526.16			
10/31/99 8:00	1026.88	30.32	0.702	119.94	247.90	525.63	525.86		
10/31/99 8:15	1027.00	30.33	0.702	120.47	248.84	525.95			
10/31/99 8:30	1027.00	30.33	0.702	120.99	249.76	526.30			
10/31/99 8:45	1027.13	30.33	0.704	121.51	250.72	527.29			
10/31/99 9:00	1027.13	30.33	0.705	121.77	251.19	527.95	527.43		
10/31/99 9:15	1027.13	30.33	0.704	122.30	252.13	527.81			
10/31/99 9:30	1027.00	30.33	0.703	122.56	252.60	527.80			
10/31/99 9:45	1027.00	30.33	0.708	122.56	252.60	529.44			
10/31/99 10:00	1027.00	30.33	0.703	122.56	252.60	527.80	528.26		
10/31/99 10:15	1026.88	30.32	0.704	122.82	253.07	528.23			
10/31/99 10:30	1026.75	30.32	0.703	122.82	253.07	528.03			
10/31/99 10:45	1027.00	30.33	0.704	123.60	254.48	528.72			
10/31/99 11:00	1027.13	30.33	0.705	124.13	255.43	529.52	529.25		
10/31/99 11:15	1027.00	30.33	0.706	124.13	255.43	529.78			
10/31/99 11:30	1027.00	30.33	0.706	124.39	255.90	530.18			
10/31/99 11:45	1026.63	30.32	0.707	124.65	256.37	530.71			
10/31/99 12:00	1026.50	30.31	0.708	124.65	256.37	530.97	530.65		
10/31/99 12:15	1026.25	30.31	0.708	124.91	256.84	531.21			
10/31/99 12:30	1026.00	30.30	0.704	125.43	257.76	530.19			
10/31/99 12:45	1025.63	30.29	0.706	125.95	258.72	531.56			
10/31/99 13:00	1025.50	30.28	0.708	126.48	259.66	532.45	531.55		
10/31/99 13:15	1025.38	30.28	0.703	127.00	260.60	531.17			
10/31/99 13:30	1025.25	30.28	0.706	127.00	260.60	532.37			
10/31/99 13:45	1025.13	30.27	0.705	127.26	261.07	532.12			
10/31/99 14:00	1024.88	30.26	0.706	127.26	261.07	532.64	532.67		
10/31/99 14:15	1024.63	30.26	0.706	127.52	261.54	532.65			
10/31/99 14:30	1024.38	30.25	0.709	127.00	260.60	533.54			
10/31/99 14:45	1024.25	30.25	0.708	128.04	262.48	534.04			
10/31/99 15:00	1024.13	30.24	0.706	127.78	262.01	533.16	533.46		
10/31/99 15:15	1024.00	30.24	0.708	126.48	259.66	532.84			
10/31/99 15:30	1024.00	30.24	0.708	127.78	262.01	533.71			
10/31/99 15:45	1024.00	30.24	0.705	127.00	260.60	532.24			
10/31/99 16:00	1024.00	30.24	0.708	127.00	260.60	533.19	532.73		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
10/31/99 16:15	1024.00	30.24	0.706	127.00	260.60	532.70			
10/31/99 16:30	1024.00	30.24	0.704	126.74	260.13	531.84			
10/31/99 16:45	1024.00	30.24	0.706	126.22	259.19	531.95			
10/31/99 17:00	1024.00	30.24	0.705	125.69	258.25	531.37	531.21		
10/31/99 17:15	1023.88	30.23	0.704	125.43	257.78	530.74			
10/31/99 17:30	1023.88	30.23	0.703	124.91	256.84	530.17			
10/31/99 17:45	1023.75	30.23	0.704	124.65	256.37	530.25			
10/31/99 18:00	1023.75	30.23	0.704	124.13	255.43	530.17	529.90		
10/31/99 18:15	1023.75	30.23	0.705	123.60	254.48	530.04			
10/31/99 18:30	1023.88	30.23	0.702	123.60	254.48	528.85			
10/31/99 18:45	1023.88	30.23	0.703	123.08	253.54	528.72			
10/31/99 19:00	1023.88	30.23	0.703	123.08	253.54	528.72	528.69		
10/31/99 19:15	1024.13	30.24	0.703	123.08	253.54	528.88			
10/31/99 19:30	1024.13	30.24	0.702	122.82	253.07	528.26			
10/31/99 19:45	1024.13	30.24	0.705	122.56	252.60	529.25			
10/31/99 20:00	1024.13	30.24	0.704	122.56	252.60	528.76	528.89		
10/31/99 20:15	1024.25	30.25	0.706	122.56	252.60	529.44			
10/31/99 20:30	1024.13	30.24	0.704	122.56	252.60	528.76			
10/31/99 20:45	1024.00	30.24	0.703	122.56	252.60	528.34			
10/31/99 21:00	1024.13	30.24	0.701	122.30	252.13	527.65	528.10		
10/31/99 21:15	1024.00	30.24	0.702	122.03	251.66	527.77			
10/31/99 21:30	1024.00	30.24	0.703	122.03	251.66	527.99			
10/31/99 21:45	1024.00	30.24	0.705	121.77	251.19	528.76			
10/31/99 22:00	1023.88	30.23	0.701	121.77	251.19	527.14	527.79		
10/31/99 22:15	1023.88	30.23	0.701	121.77	251.19	527.38			
10/31/99 22:30	1023.75	30.23	0.703	121.51	250.72	527.71			
10/31/99 22:45	1023.75	30.23	0.701	121.77	251.19	527.39			
10/31/99 23:00	1023.50	30.22	0.703	121.51	250.72	528.00	527.53		
10/31/99 23:15	1023.25	30.22	0.700	121.51	250.72	526.90			
10/31/99 23:30	1023.13	30.21	0.702	121.51	250.72	527.84			
10/31/99 23:45	1023.00	30.21	0.701	121.51	250.72	527.41			
11/1/99 0:00	1022.88	30.21	0.698	120.99	249.78	525.93	526.87		
11/1/99 0:15	1022.75	30.20	0.700	120.99	249.78	526.68			
11/1/99 0:30	1022.63	30.20	0.700	120.99	249.78	526.71			
11/1/99 0:45	1022.63	30.20	0.701	120.99	249.78	527.16			
11/1/99 1:00	1022.75	30.20	0.701	120.99	249.78	527.13	527.03		
11/1/99 1:15	1022.63	30.20	0.700	120.99	249.78	526.71			
11/1/99 1:30	1022.50	30.19	0.702	120.99	249.78	527.46			
11/1/99 1:45	1022.38	30.19	0.701	120.99	249.78	527.23			
11/1/99 2:00	1022.38	30.19	0.698	120.73	249.31	525.66	526.49		
11/1/99 2:15	1022.38	30.19	0.698	120.73	249.31	525.88			
11/1/99 2:30	1022.25	30.19	0.699	120.47	248.84	526.23			
11/1/99 2:45	1022.13	30.18	0.701	120.21	248.37	526.54			
11/1/99 3:00	1021.88	30.18	0.699	120.47	248.84	526.06	526.34		
11/1/99 3:15	1021.88	30.18	0.701	120.73	249.31	527.18			
11/1/99 3:30	1021.75	30.17	0.698	120.21	248.37	525.70			
11/1/99 3:45	1021.75	30.17	0.699	120.21	248.37	525.92			
11/1/99 4:00	1021.75	30.17	0.698	120.21	248.37	525.70	525.70		
11/1/99 4:15	1021.75	30.17	0.697	120.21	248.37	525.24			
11/1/99 4:30	1021.75	30.17	0.699	120.21	248.37	525.92			
11/1/99 4:45	1021.75	30.17	0.696	120.21	248.37	524.98			
11/1/99 5:00	1021.75	30.17	0.698	119.94	247.90	525.30	525.55		
11/1/99 5:15	1021.75	30.17	0.698	119.94	247.90	525.52			
11/1/99 5:30	1021.63	30.17	0.699	119.94	247.90	526.04			
11/1/99 5:45	1021.63	30.17	0.698	119.94	247.90	525.55			
11/1/99 6:00	1021.50	30.16	0.698	119.94	247.90	525.59	525.59		
11/1/99 6:15	1021.63	30.17	0.698	119.68	247.43	525.38			
11/1/99 6:30	1021.50	30.16	0.698	119.68	247.43	525.41			
11/1/99 6:45	1021.63	30.17	0.696	119.68	247.43	524.44			
11/1/99 7:00	1021.63	30.17	0.696	119.88	247.43	524.66	524.88		
11/1/99 7:15	1021.63	30.17	0.697	119.42	246.96	524.75			
11/1/99 7:30	1021.63	30.17	0.698	119.68	247.43	525.15			
11/1/99 7:45	1021.63	30.17	0.699	120.21	248.37	525.95			
11/1/99 8:00	1021.75	30.17	0.699	120.47	248.84	526.10	526.03		
11/1/99 8:15	1021.75	30.17	0.698	121.25	250.25	526.17			
11/1/99 8:30	1021.75	30.17	0.699	121.51	250.72	526.79			
11/1/99 8:45	1021.50	30.16	0.699	121.77	251.19	527.03			
11/1/99 9:00	1021.38	30.16	0.700	122.03	251.66	527.73	527.55		
11/1/99 9:15	1021.25	30.16	0.701	122.56	252.60	528.34			
11/1/99 9:30	1021.00	30.15	0.699	122.82	253.07	527.88			
11/1/99 9:45	1021.00	30.15	0.699	123.08	253.54	528.03			
11/1/99 10:00	1020.88	30.15	0.699	123.34	254.01	528.50	530.71		
11/1/99 10:15	1020.63	30.14	0.698	123.60	254.48	528.25			
11/1/99 10:30	1020.38	30.13	0.734	122.56	252.60	540.91			
11/1/99 10:45	1020.13	30.12	0.694	125.17	257.31	528.02			
11/1/99 11:00	1019.88	30.12	0.695	125.69	258.25	528.66	531.90		
11/1/99 11:15	1019.63	30.11	0.701	126.48	259.66	531.37			
11/1/99 11:30	1019.50	30.11	0.698	127.00	260.60	530.57			
11/1/99 11:45	1019.00	30.09	0.701	127.52	261.54	532.23			
11/1/99 12:00	1018.63	30.08	0.699	128.04	262.48	531.95	532.28		
11/1/99 12:15	1018.25	30.07	0.703	128.31	262.95	533.66			
11/1/99 12:30	1017.88	30.06	0.700	128.57	263.42	532.99			
11/1/99 12:45	1017.50	30.05	0.700	128.57	263.42	533.08			
11/1/99 13:00	1017.13	30.04	0.703	129.09	264.36	534.48	533.87		
11/1/99 13:15	1016.88	30.03	0.701	129.35	264.83	534.00			
11/1/99 13:30	1016.50	30.02	0.703	129.35	264.83	534.82			
11/1/99 13:45	1016.25	30.01	0.703	129.61	265.30	535.06			
11/1/99 14:00	1016.13	30.01	0.701	129.87	265.77	534.77	535.18		
11/1/99 14:15	1015.88	30.00	0.704	129.87	265.77	536.05			
11/1/99 14:30	1015.50	29.99	0.702	129.87	265.77	535.20			
11/1/99 14:45	1015.38	29.98	0.703	129.61	265.30	535.52			
11/1/99 15:00	1015.13	29.98	0.701	129.35	264.83	534.69	535.19		
11/1/99 15:15	1015.00	29.97	0.701	129.61	265.30	534.89			
11/1/99 15:30	1014.75	29.97	0.703	129.61	265.30	535.68			
11/1/99 15:45	1014.63	29.96	0.701	129.61	265.30	534.99			
11/1/99 16:00	1014.63	29.96	0.701	129.09	264.36	534.64	534.61		
11/1/99 16:15	1014.63	29.96	0.702	128.57	263.42	534.56			
11/1/99 16:30	1014.50	29.96	0.701	128.31	262.95	534.16			
11/1/99 16:45	1014.63	29.96	0.701	128.04	262.48	533.95			
11/1/99 17:00	1014.50	29.96	0.701	127.52	261.54	533.63	533.27		
11/1/99 17:15	1014.38	29.95	0.700	126.74	260.13	532.69			
11/1/99 17:30	1014.38	29.95	0.699	125.95	258.72	531.94			
11/1/99 17:45	1014.25	29.95	0.698	125.43	257.78	531.13			
11/1/99 18:00	1014.13	29.95	0.698	124.91	256.84	530.81	531.02		
11/1/99 18:15	1014.00	29.94	0.700	124.65	256.37	531.39			
11/1/99 18:30	1013.88	29.94	0.696	124.39	255.90	529.61			
11/1/99 18:45	1013.75	29.94	0.696	123.86	254.95	529.49			
11/1/99 19:00	1013.75	29.94	0.697	123.60	254.48	529.58	529.54		
11/1/99 19:15	1013.75	29.94	0.698	123.34	254.01	529.84			
11/1/99 19:30	1013.63	29.93	0.696	123.34	254.01	529.18			
11/1/99 19:45	1013.38	29.92	0.696	123.34	254.01	529.01			
11/1/99 20:00	1013.00	29.91	0.695	123.34	254.01	528.88	529.20		
11/1/99 20:15	1012.75	29.91	0.696	123.34	254.01	529.18			
11/1/99 20:30	1012.50	29.90	0.697	123.34	254.01	529.74			
11/1/99 20:45	1012.13	29.89	0.696	123.60	254.48	529.51			
11/1/99 21:00	1012.13	29.89	0.697	123.34	254.01	529.83	529.55		
11/1/99 21:15	1011.88	29.88	0.696	123.34	254.01	529.63			
11/1/99 21:30	1011.63	29.87	0.694	123.34	254.01	529.01			
11/1/99 21:45	1011.38	29.87	0.693	123.34	254.01	528.35			

301TELOG99.XLS

Date Time	Bar Press mbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/1/99 22:00	1011.38	29.87	0.694	123.34	254.01	529.08	528.99		
11/1/99 22:15	1011.25	29.86	0.694	123.34	254.01	529.11			
11/1/99 22:30	1011.13	29.86	0.695	123.34	254.01	529.37			
11/1/99 22:45	1010.88	29.85	0.694	123.34	254.01	528.94			
11/1/99 23:00	1010.75	29.85	0.694	123.34	254.01	528.98	529.16		
11/1/99 23:15	1010.50	29.84	0.694	123.08	253.54	528.87			
11/1/99 23:30	1010.13	29.83	0.695	123.34	254.01	529.63			
11/1/99 23:45	1010.00	29.83	0.694	123.34	254.01	529.17			
11/2/99 0:00	1009.88	29.82	0.696	123.34	254.01	529.93	529.46		
11/2/99 0:15	1009.88	29.82	0.693	123.34	254.01	528.75			
11/2/99 0:30	1009.75	29.82	0.695	123.60	254.48	529.91			
11/2/99 0:45	1009.38	29.81	0.692	123.34	254.01	528.65			
11/2/99 1:00	1008.88	29.79	0.691	123.34	254.01	528.28	528.83		
11/2/99 1:15	1009.00	29.80	0.691	123.34	254.01	528.48			
11/2/99 1:30	1008.75	29.79	0.692	123.34	254.01	528.81			
11/2/99 1:45	1008.50	29.78	0.691	123.08	253.54	528.21			
11/2/99 2:00	1008.75	29.79	0.691	123.08	253.54	528.37	528.57		
11/2/99 2:15	1009.25	29.80	0.693	123.34	254.01	528.91			
11/2/99 2:30	1009.38	29.81	0.691	123.60	254.48	528.56			
11/2/99 2:45	1009.25	29.80	0.692	123.60	254.48	528.86			
11/2/99 3:00	1009.50	29.81	0.694	123.34	254.01	529.30	528.46		
11/2/99 3:15	1009.50	29.81	0.693	122.82	253.07	528.73			
11/2/99 3:30	1009.50	29.81	0.689	122.56	252.60	526.87			
11/2/99 3:45	1009.50	29.81	0.693	122.30	252.13	528.15			
11/2/99 4:00	1009.63	29.81	0.693	121.77	251.19	527.99	527.33		
11/2/99 4:15	1009.63	29.81	0.691	120.99	249.78	526.75			
11/2/99 4:30	1009.50	29.81	0.692	120.73	249.31	526.87			
11/2/99 4:45	1009.50	29.81	0.691	120.47	248.84	526.43			
11/2/99 5:00	1009.50	29.81	0.690	120.21	248.37	525.80	526.17		
11/2/99 5:15	1009.50	29.81	0.690	119.94	247.90	525.62			
11/2/99 5:30	1009.63	29.81	0.692	119.68	247.43	526.14			
11/2/99 5:45	1009.75	29.82	0.694	119.68	247.43	526.79			
11/2/99 6:00	1009.63	29.81	0.689	119.68	247.43	525.19	525.57		
11/2/99 6:15	1009.75	29.82	0.691	119.42	246.96	525.44			
11/2/99 6:30	1009.88	29.82	0.688	119.16	246.49	524.28			
11/2/99 6:45	1010.00	29.83	0.689	119.16	246.49	524.48			
11/2/99 7:00	1010.00	29.83	0.688	119.16	246.49	524.25	524.27		
11/2/99 7:15	1009.75	29.82	0.687	118.90	246.02	523.68			
11/2/99 7:30	1009.63	29.81	0.689	118.90	246.02	524.68			
11/2/99 7:45	1009.50	29.81	0.689	118.64	245.55	524.26			
11/2/99 8:00	1009.38	29.81	0.689	118.64	245.55	524.29	524.37		
11/2/99 8:15	1009.50	29.81	0.691	118.90	246.02	525.15			
11/2/99 8:30	1009.38	29.81	0.688	118.90	246.02	523.51			
11/2/99 8:45	1009.38	29.81	0.689	118.38	245.08	524.38			
11/2/99 9:00	1009.13	29.80	0.688	118.64	245.55	523.90	523.89		
11/2/99 9:15	1008.88	29.79	0.688	117.85	244.14	523.44			
11/2/99 9:30	1008.75	29.79	0.688	118.64	245.55	524.22			
11/2/99 9:45	1008.75	29.79	0.688	118.64	245.55	523.50			
11/2/99 10:00	1008.63	29.78	0.685	117.85	244.14	522.55	523.27		
11/2/99 10:15	1008.50	29.78	0.685	118.12	244.61	522.76			
11/2/99 10:30	1008.50	29.78	0.686	118.64	245.55	523.33			
11/2/99 10:45	1008.50	29.78	0.688	117.59	243.67	523.59			
11/2/99 11:00	1008.50	29.78	0.689	117.59	243.67	524.08	523.53		
11/2/99 11:15	1008.50	29.78	0.686	117.59	243.67	522.64			
11/2/99 11:30	1008.25	29.77	0.688	118.12	244.61	524.00			
11/2/99 11:45	1008.25	29.77	0.687	118.12	244.61	523.55			
11/2/99 12:00	1008.25	29.77	0.687	117.85	244.14	523.37	523.38		
11/2/99 12:15	1008.50	29.78	0.685	118.90	246.02	523.28			
11/2/99 12:30	1008.50	29.78	0.684	118.38	245.08	522.70			
11/2/99 12:45	1008.13	29.77	0.686	117.85	244.14	522.91			
11/2/99 13:00	1007.63	29.76	0.685	117.85	244.14	522.81	523.39		
11/2/99 13:15	1007.50	29.75	0.688	119.16	246.49	524.90			
11/2/99 13:30	1007.63	29.76	0.686	118.38	245.08	523.62			
11/2/99 13:45	1007.75	29.76	0.686	118.12	244.61	523.41			
11/2/99 14:00	1007.63	29.76	0.684	117.85	244.14	522.31	522.98		
11/2/99 14:15	1007.50	29.75	0.686	117.85	244.14	523.30			
11/2/99 14:30	1007.63	29.76	0.683	118.12	244.61	522.26			
11/2/99 14:45	1007.88	29.76	0.688	118.12	244.61	524.10			
11/2/99 15:00	1008.00	29.77	0.688	118.12	244.61	523.84	523.27		
11/2/99 15:15	1008.38	29.78	0.685	118.38	245.08	522.96			
11/2/99 15:30	1008.50	29.78	0.686	118.12	244.61	523.21			
11/2/99 15:45	1008.75	29.79	0.686	118.12	244.61	523.15			
11/2/99 16:00	1008.88	29.79	0.688	118.12	244.61	523.61	523.19		
11/2/99 16:15	1009.13	29.80	0.686	118.12	244.61	523.05			
11/2/99 16:30	1009.50	29.81	0.686	118.38	245.08	522.90			
11/2/99 16:45	1009.63	29.81	0.689	118.64	245.55	524.22			
11/2/99 17:00	1009.88	29.82	0.668	117.85	244.14	523.41	523.50		
11/2/99 17:15	1010.13	29.83	0.687	118.12	244.61	523.06			
11/2/99 17:30	1010.25	29.83	0.689	118.38	245.08	523.89			
11/2/99 17:45	1010.38	29.84	0.689	117.85	244.14	523.50			
11/2/99 18:00	1010.50	29.84	0.686	118.38	245.08	523.59	523.38		
11/2/99 18:15	1010.63	29.84	0.687	117.85	244.14	522.76			
11/2/99 18:30	1010.75	29.85	0.688	117.85	244.14	523.18			
11/2/99 18:45	1011.00	29.85	0.689	117.85	244.14	523.34			
11/2/99 19:00	1011.25	29.86	0.688	117.85	244.14	523.05	523.40		
11/2/99 19:15	1011.38	29.87	0.690	117.85	244.14	523.74			
11/2/99 19:30	1011.63	29.87	0.690	117.85	244.14	523.67			
11/2/99 19:45	1011.68	29.88	0.688	117.85	244.14	522.88			
11/2/99 20:00	1011.88	29.88	0.688	117.85	244.14	522.86	523.04		
11/2/99 20:15	1011.88	29.88	0.689	117.85	244.14	523.12			
11/2/99 20:30	1012.00	29.88	0.689	117.85	244.14	523.06			
11/2/99 20:45	1012.00	29.86	0.689	117.85	244.14	523.35			
11/2/99 21:00	1012.25	29.89	0.691	117.85	244.14	523.97	523.24		
11/2/99 21:15	1012.25	29.89	0.687	117.85	244.14	522.34			
11/2/99 21:30	1012.38	29.90	0.690	117.85	244.14	523.48			
11/2/99 21:45	1012.50	29.90	0.688	117.85	244.14	522.50			
11/2/99 22:00	1012.50	29.90	0.688	117.59	243.67	522.32	522.54		
11/2/99 22:15	1012.50	29.90	0.686	117.59	243.67	521.63			
11/2/99 22:30	1012.50	29.90	0.688	117.59	243.67	522.55			
11/2/99 22:45	1012.50	29.90	0.688	117.59	243.67	522.32			
11/2/99 23:00	1012.50	29.90	0.688	117.59	243.67	522.55	522.55		
11/2/99 23:15	1012.50	29.90	0.686	117.59	243.67	522.32			
11/2/99 23:30	1012.63	29.90	0.689	117.59	243.67	523.01			
11/2/99 23:45	1012.63	29.90	0.688	117.33	243.20	522.35			
11/3/99 0:00	1012.75	29.91	0.686	117.33	243.20	521.59	522.32		
11/3/99 0:15	1012.75	29.91	0.688	117.33	243.20	522.09			
11/3/99 0:30	1012.63	29.90	0.689	117.33	243.20	522.57			
11/3/99 0:45	1012.63	29.90	0.686	117.33	243.20	522.12			
11/3/99 1:00	1012.50	29.90	0.688	117.59	243.67	522.32	522.39		
11/3/99 1:15	1012.50	29.90	0.688	117.59	243.67	522.55			
11/3/99 1:30	1012.50	29.90	0.688	117.33	243.20	522.38			
11/3/99 1:45	1012.38	29.90	0.689	117.33	243.20	522.90			
11/3/99 2:00	1012.50	29.90	0.688	117.33	243.20	522.15	522.14		
11/3/99 2:15	1012.50	29.90	0.686	117.33	243.20	521.86			
11/3/99 2:30	1012.63	29.90	0.686	117.33	243.20	521.62			
11/3/99 2:45	1012.75	29.91	0.686	117.07	242.73	521.91			
11/3/99 3:00	1012.75	29.91	0.687	116.81	242.26	521.51	521.69		
11/3/99 3:15	1012.75	29.91	0.688	116.55	241.79	521.56			
11/3/99 3:30	1012.75	29.91	0.688	116.12	244.61	522.84			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/3/99 3:45	1012.75	29.91	0.688	118.64	245.55	522.23			
11/3/99 4:00	1012.75	29.91	0.689	118.64	245.55	523.68	523.09		
11/3/99 4:15	1012.88	29.91	0.688	118.64	245.55	523.15			
11/3/99 4:30	1013.25	29.92	0.689	118.64	245.55	523.55			
11/3/99 4:45	1013.38	29.92	0.687	118.12	244.61	522.22			
11/3/99 5:00	1013.50	29.93	0.689	118.64	245.55	523.22	523.05		
11/3/99 5:15	1013.63	29.93	0.689	118.12	244.61	523.10			
11/3/99 5:30	1013.75	29.94	0.689	118.64	245.55	523.18			
11/3/99 5:45	1013.88	29.94	0.688	118.12	244.61	522.32			
11/3/99 6:00	1014.00	29.94	0.687	118.38	245.08	522.23	522.29		
11/3/99 6:15	1014.13	29.95	0.687	117.59	243.67	521.68			
11/3/99 6:30	1014.25	29.95	0.689	116.61	242.26	522.07			
11/3/99 6:45	1014.38	29.95	0.686	116.55	241.79	520.65			
11/3/99 7:00	1014.50	29.96	0.688	116.29	241.32	520.94	521.66		
11/3/99 7:15	1014.63	29.96	0.690	117.59	243.67	522.73			
11/3/99 7:30	1014.75	29.97	0.688	117.85	244.14	521.92			
11/3/99 7:45	1015.13	29.98	0.689	118.38	245.08	522.89			
11/3/99 8:00	1015.38	29.98	0.691	118.64	245.55	523.46	522.62		
11/3/99 8:15	1015.50	29.99	0.688	118.90	246.02	522.65			
11/3/99 8:30	1015.63	29.99	0.690	118.64	245.55	523.17			
11/3/99 8:45	1015.75	30.00	0.689	117.85	244.14	522.38			
11/3/99 9:00	1016.00	30.00	0.688	117.59	243.67	521.65	522.05		
11/3/99 9:15	1016.13	30.01	0.688	117.33	243.20	521.45			
11/3/99 9:30	1016.38	30.01	0.689	117.33	243.20	521.61			
11/3/99 9:45	1016.50	30.02	0.690	117.33	243.20	522.07			
11/3/99 10:00	1016.50	30.02	0.691	117.59	243.67	522.47	522.00		
11/3/99 10:15	1016.63	30.02	0.688	117.59	243.67	521.49			
11/3/99 10:30	1016.63	30.02	0.690	117.85	244.14	522.39			
11/3/99 10:45	1016.63	30.02	0.691	118.12	244.61	522.79			
11/3/99 11:00	1016.75	30.02	0.691	118.12	244.61	522.98	522.68		
11/3/99 11:15	1017.00	30.03	0.691	118.38	245.08	522.87			
11/3/99 11:30	1017.13	30.04	0.689	118.38	245.08	522.38			
11/3/99 11:45	1017.13	30.04	0.690	118.90	246.02	522.95			
11/3/99 12:00	1017.25	30.04	0.690	118.90	246.02	522.92	522.78		
11/3/99 12:15	1017.25	30.04	0.689	118.90	246.02	522.69			
11/3/99 12:30	1017.25	30.04	0.691	118.64	245.55	522.98			
11/3/99 12:45	1017.25	30.04	0.691	118.64	245.55	522.98			
11/3/99 13:00	1017.25	30.04	0.690	118.90	246.02	522.92	523.18		
11/3/99 13:15	1017.25	30.04	0.691	118.64	245.55	522.98			
11/3/99 13:30	1017.25	30.04	0.693	119.16	246.49	524.04			
11/3/99 13:45	1017.38	30.04	0.691	119.42	246.96	523.47			
11/3/99 14:00	1017.50	30.05	0.692	119.42	246.96	523.93	523.76		
11/3/99 14:15	1017.50	30.05	0.691	119.68	247.43	523.83			
11/3/99 14:30	1017.75	30.05	0.691	119.68	247.43	523.54			
11/3/99 14:45	1017.88	30.06	0.691	119.94	247.90	523.69			
11/3/99 15:00	1018.00	30.06	0.691	119.94	247.90	523.65	523.57		
11/3/99 15:15	1018.13	30.07	0.691	119.94	247.90	523.62			
11/3/99 15:30	1018.25	30.07	0.690	119.94	247.90	523.38			
11/3/99 15:45	1018.38	30.07	0.692	119.94	247.90	524.05			
11/3/99 18:00	1018.50	30.08	0.692	119.94	247.90	524.02	523.89		
11/3/99 16:15	1018.63	30.08	0.692	119.68	247.43	523.81			
11/3/99 16:30	1018.75	30.08	0.693	119.68	247.43	524.23			
11/3/99 16:45	1018.88	30.09	0.691	119.68	247.43	523.25			
11/3/99 17:00	1018.88	30.09	0.691	119.68	247.43	523.48	523.61		
11/3/99 17:15	1019.00	30.09	0.692	119.42	246.96	523.54			
11/3/99 17:30	1019.13	30.09	0.693	119.16	246.49	523.56			
11/3/99 17:45	1019.38	30.10	0.690	118.90	246.02	522.38			
11/3/99 18:00	1019.63	30.11	0.693	118.38	245.08	522.91	522.59		
11/3/99 18:15	1019.75	30.11	0.690	118.12	244.61	521.76			
11/3/99 18:30	1019.75	30.11	0.693	117.59	243.67	522.35			
11/3/99 18:45	1019.88	30.12	0.691	117.85	244.14	521.78			
11/3/99 19:00	1020.00	30.12	0.692	118.64	245.55	522.76	522.48		
11/3/99 19:15	1020.13	30.12	0.692	118.12	244.61	522.38			
11/3/99 19:30	1020.38	30.13	0.693	118.64	245.55	523.12			
11/3/99 19:45	1020.50	30.14	0.689	118.90	246.02	521.86			
11/3/99 20:00	1020.63	30.14	0.691	118.12	244.61	521.76	522.30		
11/3/99 20:15	1020.75	30.14	0.691	118.64	245.55	522.30			
11/3/99 20:30	1020.88	30.15	0.691	118.90	246.02	522.45			
11/3/99 20:45	1020.88	30.15	0.690	118.38	245.08	521.84			
11/3/99 21:00	1021.00	30.15	0.692	118.12	244.61	522.16	521.66		
11/3/99 21:15	1021.25	30.16	0.691	117.33	243.20	521.08			
11/3/99 21:30	1021.25	30.16	0.691	116.81	242.26	520.96			
11/3/99 21:45	1021.38	30.16	0.693	117.33	243.20	521.76			
11/3/99 22:00	1021.38	30.16	0.693	118.12	244.61	522.29	522.01		
11/3/99 22:15	1021.50	30.16	0.693	118.64	245.55	522.60			
11/3/99 22:30	1021.63	30.17	0.693	118.12	244.61	522.45			
11/3/99 22:45	1021.75	30.17	0.693	117.07	242.73	521.49			
11/3/99 23:00	1021.75	30.17	0.692	116.29	241.32	520.74	520.70		
11/3/99 23:15	1021.75	30.17	0.691	116.02	240.84	520.31			
11/3/99 23:30	1021.75	30.17	0.687	115.76	240.37	518.51			
11/3/99 23:45	1021.88	30.18	0.693	116.81	242.26	521.51			
11/4/99 0:00	1021.88	30.18	0.691	117.59	243.67	521.32	521.23		
11/4/99 0:15	1021.88	30.18	0.693	118.38	245.08	522.33			
11/4/99 0:30	1022.00	30.18	0.693	118.64	245.55	522.48			
11/4/99 0:45	1022.00	30.18	0.691	118.12	244.61	521.64			
11/4/99 1:00	1022.00	30.18	0.693	118.38	245.08	522.30	521.90		
11/4/99 1:15	1022.00	30.18	0.692	117.85	244.14	521.73			
11/4/99 1:30	1022.13	30.18	0.691	116.12	244.61	521.38			
11/4/99 1:45	1022.13	30.18	0.693	117.59	243.67	521.97			
11/4/99 2:00	1022.25	30.19	0.692	116.55	241.79	520.79	520.97		
11/4/99 2:15	1022.50	30.19	0.688	117.07	242.73	519.42			
11/4/99 2:30	1022.50	30.19	0.691	118.12	244.61	521.26			
11/4/99 2:45	1022.50	30.19	0.693	117.85	244.14	522.05			
11/4/99 3:00	1022.63	30.20	0.691	117.85	244.14	521.08	521.52		
11/4/99 3:15	1022.63	30.20	0.691	117.33	243.20	520.96			
11/4/99 3:30	1022.75	30.20	0.694	117.85	244.14	522.21			
11/4/99 3:45	1022.75	30.20	0.695	117.85	244.14	522.70			
11/4/99 4:00	1022.88	30.21	0.690	116.81	242.26	520.09	520.57		
11/4/99 4:15	1023.00	30.21	0.688	115.76	240.37	518.42			
11/4/99 4:30	1023.13	30.21	0.691	115.24	239.43	519.43			
11/4/99 4:45	1023.25	30.22	0.691	117.33	243.20	520.80			
11/4/99 5:00	1023.38	30.22	0.693	117.59	243.67	521.65	521.04		
11/4/99 5:15	1023.50	30.22	0.694	117.85	244.14	522.02			
11/4/99 5:30	1023.63	30.23	0.692	117.85	244.14	521.31			
11/4/99 5:45	1023.75	30.23	0.693	117.07	242.73	521.21			
11/4/99 6:00	1024.00	30.24	0.693	117.33	243.20	521.32	520.88		
11/4/99 6:15	1024.13	30.24	0.692	117.33	243.20	520.84			
11/4/99 6:30	1024.25	30.25	0.690	116.81	242.26	519.74			
11/4/99 6:45	1024.38	30.25	0.689	117.07	242.73	519.86			
11/4/99 7:00	1024.38	30.25	0.693	117.59	243.67	521.17	520.33		
11/4/99 7:15	1024.63	30.26	0.692	117.33	243.20	520.71			
11/4/99 7:30	1024.88	30.26	0.691	117.33	243.20	520.36			
11/4/99 7:45	1025.13	30.27	0.691	117.07	242.73	519.92			
11/4/99 8:00	1025.25	30.28	0.693	117.85	244.14	521.35	520.30		
11/4/99 8:15	1025.25	30.28	0.693	117.07	242.73	520.60			
11/4/99 8:30	1025.38	30.28	0.689	116.61	242.26	519.23			
11/4/99 8:45	1025.38	30.28	0.691	117.07	242.73	520.08			
11/4/99 9:00	1025.50	30.28	0.691	117.33	243.20	520.22	520.06		
11/4/99 9:15	1025.63	30.29	0.691	117.85	244.14	520.31			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/4/99 9:30	1025.63	30.29	0.690	118.38	245.08	520.44			
11/4/99 9:45	1025.63	30.29	0.693	118.90	246.02	521.73			
11/4/99 10:00	1025.50	30.28	0.723	118.12	244.61	532.63	523.34		
11/4/99 10:15	1025.63	30.29	0.689	119.16	246.49	520.47			
11/4/99 10:30	1025.50	30.28	0.689	120.21	248.37	521.45			
11/4/99 10:45	1025.50	30.28	0.693	120.47	248.84	522.80			
11/4/99 11:00	1025.50	30.28	0.692	120.73	249.31	522.75	522.59		
11/4/99 11:15	1025.50	30.28	0.691	121.25	250.25	522.83			
11/4/99 11:30	1025.63	30.29	0.691	121.77	251.19	523.14			
11/4/99 11:45	1025.50	30.28	0.694	122.03	251.66	524.29			
11/4/99 12:00	1025.38	30.28	0.693	122.30	252.13	524.04	523.81		
11/4/99 12:15	1025.13	30.27	0.691	122.56	252.60	523.56			
11/4/99 12:30	1024.88	30.26	0.691	122.82	253.07	524.02			
11/4/99 12:45	1024.75	30.26	0.693	123.08	253.54	524.95			
11/4/99 13:00	1024.50	30.25	0.691	123.34	254.01	524.47	525.00		
11/4/99 13:15	1024.25	30.25	0.694	123.60	254.48	525.92			
11/4/99 13:30	1024.13	30.24	0.693	123.86	254.95	525.83			
11/4/99 13:45	1024.00	30.24	0.693	124.39	255.90	525.78			
11/4/99 14:00	1023.75	30.23	0.693	124.65	256.37	526.24	526.00		
11/4/99 14:15	1023.75	30.23	0.693	124.91	256.84	526.19			
11/4/99 14:30	1023.88	30.23	0.693	124.91	256.84	526.16			
11/4/99 14:45	1023.75	30.23	0.691	124.91	256.84	525.69			
11/4/99 15:00	1023.75	30.23	0.695	124.91	256.84	527.14	526.30		
11/4/99 15:15	1023.88	30.23	0.693	124.91	256.84	526.16			
11/4/99 15:30	1024.00	30.24	0.693	124.91	256.84	526.35			
11/4/99 15:45	1024.00	30.24	0.694	124.91	256.84	526.85			
11/4/99 16:00	1024.00	30.24	0.694	124.91	256.84	526.58	526.40		
11/4/99 16:15	1024.13	30.24	0.693	124.39	255.90	525.75			
11/4/99 16:30	1024.00	30.24	0.694	124.39	255.90	526.50			
11/4/99 16:45	1024.13	30.24	0.693	123.86	254.95	525.40			
11/4/99 17:00	1024.13	30.24	0.693	123.60	254.48	525.46	524.97		
11/4/99 17:15	1024.25	30.25	0.689	123.34	254.01	523.58			
11/4/99 17:30	1024.25	30.25	0.690	123.08	253.54	523.90			
11/4/99 17:45	1024.25	30.25	0.692	122.56	252.60	524.28			
11/4/99 18:00	1024.38	30.25	0.692	122.03	251.66	523.90	523.83		
11/4/99 18:15	1024.63	30.26	0.692	121.77	251.19	523.66			
11/4/99 18:30	1024.88	30.26	0.692	121.51	250.72	523.42			
11/4/99 18:45	1025.00	30.27	0.692	120.99	249.78	523.05			
11/4/99 19:00	1025.13	30.27	0.692	120.47	248.84	522.67	522.46		
11/4/99 19:15	1025.25	30.28	0.691	119.94	247.90	521.80			
11/4/99 19:30	1025.38	30.28	0.690	119.68	247.43	521.37			
11/4/99 19:45	1025.50	30.28	0.689	119.16	246.49	520.76			
11/4/99 20:00	1025.63	30.29	0.691	119.16	246.49	521.41	521.17		
11/4/99 20:15	1025.63	30.29	0.691	118.84	245.55	520.84			
11/4/99 20:30	1025.63	30.29	0.692	118.90	246.02	521.50			
11/4/99 20:45	1025.75	30.29	0.691	118.84	245.55	520.80			
11/4/99 21:00	1025.88	30.29	0.692	118.38	245.08	521.09	521.04		
11/4/99 21:15	1025.88	30.29	0.691	118.64	245.55	521.00			
11/4/99 21:30	1025.88	30.29	0.691	118.38	245.08	520.82			
11/4/99 21:45	1026.00	30.30	0.692	118.12	244.61	520.86			
11/4/99 22:00	1025.88	30.29	0.690	118.38	245.08	520.37	520.96		
11/4/99 22:15	1025.88	30.29	0.693	118.64	245.55	521.71			
11/4/99 22:30	1025.88	30.29	0.692	118.38	245.08	521.09			
11/4/99 22:45	1025.75	30.29	0.689	118.38	245.08	519.91			
11/4/99 23:00	1025.75	30.29	0.692	118.38	245.08	521.12	520.72		
11/4/99 23:15	1025.50	30.28	0.689	118.38	245.08	520.24			
11/4/99 23:30	1025.63	30.29	0.691	118.90	246.02	521.24			
11/4/99 23:45	1025.63	30.29	0.691	119.16	246.49	521.41			
11/5/99 0:00	1025.75	30.29	0.693	118.90	246.02	521.69	520.91		
11/5/99 0:15	1025.75	30.29	0.689	118.64	245.55	520.35			
11/5/99 0:30	1026.00	30.30	0.689	118.38	245.08	519.85			
11/5/99 0:45	1026.00	30.30	0.689	118.38	245.08	520.11			
11/5/99 1:00	1026.00	30.30	0.691	118.12	244.61	520.62	519.97		
11/5/99 1:15	1025.88	30.29	0.688	117.85	244.14	519.31			
11/5/99 1:30	1025.88	30.29	0.689	118.12	244.61	519.97			
11/5/99 1:45	1025.88	30.29	0.689	118.12	244.61	519.97			
11/5/99 2:00	1025.88	30.29	0.690	118.38	245.08	520.37	520.02		
11/5/99 2:15	1026.00	30.30	0.689	118.38	245.08	520.11			
11/5/99 2:30	1026.00	30.30	0.689	118.12	244.61	519.88			
11/5/99 2:45	1026.00	30.30	0.688	118.12	244.61	519.45			
11/5/99 3:00	1025.88	30.29	0.689	117.85	244.14	519.53	519.31		
11/5/99 3:15	1025.88	30.29	0.686	117.85	244.14	518.59			
11/5/99 3:30	1026.00	30.30	0.686	117.85	244.14	519.28			
11/5/99 3:45	1025.88	30.29	0.689	117.85	244.14	519.53			
11/5/99 4:00	1026.13	30.30	0.689	117.85	244.14	519.47	519.34		
11/5/99 4:15	1026.25	30.31	0.688	117.85	244.14	518.99			
11/5/99 4:30	1026.25	30.31	0.689	117.85	244.14	519.44			
11/5/99 4:45	1026.50	30.31	0.691	117.85	244.14	520.09			
11/5/99 5:00	1026.63	30.32	0.688	117.59	243.67	518.95	519.31		
11/5/99 5:15	1026.75	30.32	0.689	117.59	243.67	519.40			
11/5/99 5:30	1026.88	30.32	0.688	117.59	243.67	518.68			
11/5/99 5:45	1027.00	30.33	0.691	117.85	244.14	519.97			
11/5/99 6:00	1026.88	30.32	0.686	117.85	244.14	518.34	519.27		
11/5/99 6:15	1026.88	30.32	0.690	118.12	244.61	519.95			
11/5/99 6:30	1026.75	30.32	0.686	118.38	245.08	519.43			
11/5/99 6:45	1026.75	30.32	0.688	118.38	245.08	518.49			
11/5/99 7:00	1026.75	30.32	0.686	119.16	246.49	519.01	519.17		
11/5/99 7:15	1026.75	30.32	0.686	119.16	246.49	519.23			
11/5/99 7:30	1026.88	30.32	0.688	119.16	246.49	519.69			
11/5/99 7:45	1027.13	30.33	0.688	119.42	246.96	519.31			
11/5/99 8:00	1027.38	30.34	0.689	119.42	246.96	520.46	520.08		
11/5/99 8:15	1027.50	30.34	0.688	119.66	247.43	520.11			
11/5/99 8:30	1027.38	30.34	0.689	120.21	248.37	520.71			
11/5/99 8:45	1027.38	30.34	0.691	120.73	249.31	522.00			
11/5/99 9:00	1027.38	30.34	0.689	121.25	250.25	521.67	521.93		
11/5/99 9:15	1027.50	30.34	0.689	121.77	251.19	521.96			
11/5/99 9:30	1027.50	30.34	0.692	122.30	252.13	523.27			
11/5/99 9:45	1027.25	30.33	0.689	122.56	252.60	522.30			
11/5/99 10:00	1027.25	30.33	0.691	122.82	253.07	523.19	523.20		
11/5/99 10:15	1027.13	30.33	0.692	123.08	253.54	523.89			
11/5/99 10:30	1027.13	30.33	0.690	123.34	254.01	523.34			
11/5/99 10:45	1027.00	30.33	0.692	123.60	254.48	524.27			
11/5/99 11:00	1026.88	30.32	0.689	124.13	255.43	523.69	523.66		
11/5/99 11:15	1026.75	30.32	0.689	124.39	255.90	523.90			
11/5/99 11:30	1026.50	30.31	0.690	124.39	255.90	524.19			
11/5/99 11:45	1026.25	30.31	0.692	124.91	256.84	525.32			
11/5/99 12:00	1026.13	30.30	0.692	124.91	256.84	525.35	525.22		
11/5/99 12:15	1026.00	30.30	0.693	125.43	257.78	525.96			
11/5/99 12:30	1025.88	30.29	0.691	125.43	257.78	525.27			
11/5/99 12:45	1025.50	30.28	0.691	125.95	258.72	525.93			
11/5/99 13:00	1025.25	30.28	0.689	126.22	259.19	525.46	525.41		
11/5/99 13:15	1025.13	30.27	0.689	126.48	259.66	525.69			
11/5/99 13:30	1025.00	30.27	0.686	126.74	260.13	524.67			
11/5/99 13:45	1024.75	30.26	0.689	127.00	260.60	526.13			
11/5/99 14:00	1024.50	30.25	0.689	127.00	260.60	525.93	526.08		
11/5/99 14:15	1024.38	30.25	0.689	127.26	261.07	526.40			
11/5/99 14:30	1024.38	30.25	0.691	127.52	261.54	527.25			
11/5/99 14:45	1024.13	30.24	0.690	127.52	261.54	526.66			
11/5/99 15:00	1024.00	30.24	0.689	127.78	262.01	526.57	526.97		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/5/99 15:15	1024.00	30.24	0.691	127.78	262.01	527.29			
11/5/99 15:30	1023.88	30.23	0.689	127.78	262.01	526.67			
11/5/99 15:45	1023.88	30.23	0.689	127.78	262.01	526.67			
11/5/99 16:00	1023.88	30.23	0.690	127.52	261.54	526.93	526.47		
11/5/99 16:15	1023.75	30.23	0.686	127.26	261.07	526.06			
11/5/99 16:30	1023.88	30.23	0.686	127.00	260.60	525.63			
11/5/99 16:45	1023.88	30.23	0.689	127.00	260.60	526.35			
11/5/99 17:00	1024.00	30.24	0.689	127.00	260.60	526.05	526.02		
11/5/99 17:15	1024.13	30.24	0.691	126.74	260.13	526.57			
11/5/99 17:30	1024.25	30.25	0.689	126.22	259.19	525.47			
11/5/99 17:45	1024.38	30.25	0.688	126.22	259.19	525.21			
11/5/99 18:00	1024.50	30.25	0.687	125.69	258.25	524.38	524.85		
11/5/99 18:15	1024.75	30.26	0.688	125.43	257.78	524.37			
11/5/99 18:30	1024.75	30.26	0.689	125.43	257.78	524.83			
11/5/99 18:45	1024.88	30.26	0.687	125.43	257.78	524.11			
11/5/99 19:00	1025.13	30.27	0.687	125.43	257.78	524.05	524.26		
11/5/99 19:15	1025.25	30.28	0.688	125.43	257.78	524.47			
11/5/99 19:30	1025.50	30.28	0.687	125.43	257.78	523.95			
11/5/99 19:45	1025.50	30.28	0.689	125.17	257.31	524.47			
11/5/99 20:00	1025.50	30.28	0.688	124.91	256.84	524.07	524.16		
11/5/99 20:15	1025.50	30.28	0.688	124.91	256.84	524.07			
11/5/99 20:30	1025.75	30.29	0.689	124.91	256.84	524.23			
11/5/99 20:45	1025.75	30.29	0.688	124.65	256.37	522.88			
11/5/99 21:00	1026.00	30.30	0.686	124.39	255.90	522.64	523.03		
11/5/99 21:15	1026.13	30.30	0.686	124.39	255.90	522.84			
11/5/99 21:30	1026.38	30.31	0.686	124.39	255.90	522.55			
11/5/99 21:45	1026.25	30.31	0.686	124.13	255.43	522.64			
11/5/99 22:00	1026.25	30.31	0.687	124.39	255.90	523.07	522.83		
11/5/99 22:15	1026.25	30.31	0.688	124.13	255.43	523.13			
11/5/99 22:30	1026.13	30.30	0.687	123.86	254.95	522.76			
11/5/99 22:45	1026.25	30.31	0.686	123.86	254.95	522.96			
11/5/99 23:00	1026.13	30.30	0.688	123.60	254.48	523.05	522.76		
11/5/99 23:15	1026.25	30.31	0.686	123.60	254.48	522.29			
11/5/99 23:30	1026.25	30.31	0.688	123.34	254.01	522.84			
11/5/99 23:45	1026.25	30.31	0.685	123.34	254.01	521.86			
11/6/99 0:00	1026.38	30.31	0.689	123.34	254.01	523.04	522.44		
11/6/99 0:15	1026.50	30.31	0.688	123.34	254.01	522.55			
11/6/99 0:30	1026.63	30.32	0.687	123.08	253.54	522.12			
11/6/99 0:45	1026.75	30.32	0.688	123.34	254.01	522.49			
11/6/99 1:00	1026.75	30.32	0.686	123.08	253.54	521.59	522.02		
11/6/99 1:15	1026.75	30.32	0.686	123.08	253.54	521.82			
11/6/99 1:30	1026.75	30.32	0.687	123.08	253.54	522.09			
11/6/99 1:45	1026.75	30.32	0.686	123.08	253.54	521.82			
11/6/99 2:00	1026.88	30.32	0.688	123.08	253.54	522.28	521.99		
11/6/99 2:15	1027.00	30.33	0.688	123.08	253.54	521.76			
11/6/99 2:30	1027.13	30.33	0.687	123.08	253.54	521.99			
11/6/99 2:45	1027.13	30.33	0.686	123.08	253.54	521.73			
11/6/99 3:00	1027.25	30.33	0.686	123.08	253.54	521.69	521.60		
11/6/99 3:15	1027.13	30.33	0.684	123.08	253.54	521.04			
11/6/99 3:30	1027.00	30.33	0.688	123.08	253.54	521.53			
11/6/99 3:45	1027.00	30.33	0.687	123.08	253.54	522.02			
11/6/99 4:00	1027.00	30.33	0.688	123.08	253.54	521.53	521.82		
11/6/99 4:15	1026.88	30.32	0.688	123.08	253.54	522.28			
11/6/99 4:30	1027.00	30.33	0.688	123.08	253.54	521.76			
11/6/99 4:45	1027.25	30.33	0.686	123.08	253.54	521.69			
11/6/99 5:00	1027.25	30.33	0.685	122.82	253.07	521.07	521.52		
11/6/99 5:15	1027.25	30.33	0.685	122.82	253.07	521.07			
11/6/99 5:30	1027.38	30.34	0.688	122.56	252.60	522.04			
11/6/99 5:45	1027.38	30.34	0.688	122.56	252.60	521.81			
11/6/99 8:00	1027.38	30.34	0.684	122.56	252.60	520.63	521.38		
11/6/99 6:15	1027.63	30.35	0.688	122.82	253.07	521.43			
11/6/99 6:30	1027.63	30.35	0.685	122.82	253.07	520.97			
11/6/99 6:45	1027.75	30.35	0.688	123.08	253.54	522.06			
11/6/99 7:00	1027.75	30.35	0.685	123.08	253.54	521.11	521.63		
11/6/99 7:15	1027.88	30.35	0.687	123.08	253.54	521.80			
11/6/99 7:30	1028.00	30.36	0.688	123.08	253.54	522.23			
11/6/99 7:45	1028.25	30.36	0.688	123.34	254.01	522.11			
11/6/99 8:00	1028.50	30.37	0.687	123.60	254.48	521.99	521.95		
11/6/99 8:15	1028.63	30.36	0.688	123.60	254.48	522.16			
11/6/99 8:30	1028.83	30.38	0.685	123.60	254.48	521.23			
11/6/99 8:45	1028.75	30.38	0.686	123.60	254.48	522.38			
11/6/99 9:00	1028.63	30.38	0.688	124.13	255.43	522.75	522.35		
11/6/99 9:15	1028.88	30.38	0.686	124.39	255.90	522.14			
11/6/99 9:30	1028.88	30.38	0.689	124.65	256.37	523.26			
11/6/99 9:45	1028.88	30.38	0.691	124.65	256.37	523.98			
11/6/99 10:00	1029.00	30.39	0.689	124.91	256.84	523.67	523.71		
11/6/99 10:15	1029.00	30.39	0.689	125.17	257.31	523.57			
11/6/99 10:30	1029.00	30.39	0.690	125.17	257.31	524.07			
11/6/99 10:45	1029.00	30.39	0.689	125.43	257.78	524.01			
11/6/99 11:00	1028.75	30.38	0.689	125.69	258.25	523.98	524.07		
11/6/99 11:15	1028.63	30.38	0.688	125.95	258.72	523.96			
11/6/99 11:30	1028.63	30.38	0.689	126.22	259.19	524.36			
11/6/99 11:45	1028.50	30.37	0.690	126.74	260.13	525.23			
11/6/99 12:00	1028.25	30.36	0.688	127.00	260.60	524.74	525.19		
11/6/99 12:15	1028.13	30.36	0.691	127.00	260.60	525.95			
11/6/99 12:30	1027.88	30.35	0.689	127.52	261.54	525.67			
11/6/99 12:45	1027.75	30.35	0.689	127.78	262.01	525.87			
11/6/99 13:00	1027.63	30.35	0.687	128.04	262.48	525.12	525.89		
11/6/99 13:15	1027.63	30.35	0.689	128.31	262.95	525.98			
11/6/99 13:30	1027.50	30.34	0.688	128.31	262.95	525.78			
11/6/99 13:45	1027.38	30.34	0.691	128.31	262.95	527.00			
11/6/99 14:00	1027.38	30.34	0.688	128.57	263.42	525.99	526.54		
11/6/99 14:15	1027.38	30.34	0.689	128.57	263.42	526.22			
11/6/99 14:30	1027.25	30.33	0.693	128.57	263.42	527.70			
11/6/99 14:45	1027.13	30.33	0.686	128.83	263.89	525.49			
11/6/99 15:00	1027.13	30.33	0.689	128.83	263.89	526.72	526.54		
11/6/99 15:15	1027.13	30.33	0.689	128.57	263.42	526.55			
11/6/99 15:30	1027.25	30.33	0.689	128.57	263.42	526.25			
11/6/99 15:45	1027.25	30.33	0.689	128.57	263.42	526.52			
11/6/99 16:00	1027.25	30.33	0.688	128.31	262.95	525.85	525.89		
11/6/99 16:15	1027.38	30.34	0.687	128.04	262.48	525.19			
11/6/99 16:30	1027.50	30.34	0.689	127.78	262.01	525.87			
11/6/99 16:45	1027.50	30.34	0.689	127.52	261.54	525.77			
11/6/99 17:00	1027.75	30.35	0.687	127.00	260.60	524.41	525.04		
11/6/99 17:15	1028.00	30.36	0.689	126.74	260.13	525.12			
11/6/99 17:30	1028.25	30.36	0.688	126.22	259.19	524.22			
11/6/99 17:45	1028.63	30.38	0.690	125.43	257.78	524.34			
11/6/99 18:00	1028.88	30.38	0.689	125.43	257.78	524.04	523.84		
11/6/99 18:15	1029.13	30.39	0.688	125.17	257.31	523.09			
11/6/99 18:30	1029.25	30.39	0.689	125.17	257.31	523.51			
11/6/99 18:45	1029.38	30.40	0.689	125.17	257.31	523.74			
11/6/99 19:00	1029.38	30.40	0.689	124.91	256.84	523.57	523.25		
11/6/99 19:15	1029.38	30.40	0.688	124.65	256.37	522.68			
11/6/99 19:30	1029.38	30.40	0.688	124.39	255.90	522.74			
11/6/99 19:45	1029.25	30.39	0.688	123.60	254.48	522.02			
11/6/99 20:00	1029.13	30.39	0.688	123.34	254.01	521.88	521.98		
11/6/99 20:15	1029.13	30.39	0.689	123.08	253.54	522.17			
11/6/99 20:30	1029.25	30.39	0.687	122.56	252.60	521.11			
11/6/99 20:45	1029.25	30.39	0.686	122.56	252.60	520.82			

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Date Time	Bar Press millbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/6/99 21:00	1029.25	30.39	0.685	122.03	251.66	520.04	520.60		
11/6/99 21:15	1029.50	30.40	0.687	121.77	251.19	520.53			
11/6/99 21:30	1029.75	30.41	0.688	121.77	251.19	520.69			
11/6/99 21:45	1029.75	30.41	0.687	121.77	251.19	520.47			
11/6/99 22:00	1029.88	30.41	0.686	121.77	251.19	520.17	520.43		
11/6/99 22:15	1030.13	30.42	0.686	122.30	252.13	520.22			
11/6/99 22:30	1030.25	30.42	0.686	122.56	252.60	520.59			
11/6/99 22:45	1030.25	30.42	0.684	122.82	253.07	519.81			
11/6/99 23:00	1030.13	30.42	0.686	122.82	253.07	520.79	520.50		
11/6/99 23:15	1030.13	30.42	0.688	122.56	252.60	521.11			
11/6/99 23:30	1030.13	30.42	0.685	122.56	252.60	520.17			
11/6/99 23:45	1030.25	30.42	0.688	122.56	252.60	521.08			
11/7/99 0:00	1030.25	30.42	0.686	122.30	252.13	520.42	520.71		
11/7/99 0:15	1030.25	30.42	0.688	122.03	251.66	520.74			
11/7/99 0:30	1030.50	30.43	0.689	122.03	251.66	521.13			
11/7/99 0:45	1030.75	30.44	0.687	121.77	251.19	520.21			
11/7/99 1:00	1030.88	30.44	0.684	121.77	251.19	519.23	520.17		
11/7/99 1:15	1030.75	30.44	0.688	121.77	251.19	520.44			
11/7/99 1:30	1030.63	30.43	0.686	121.51	250.72	519.81			
11/7/99 1:45	1030.63	30.43	0.683	121.25	250.25	518.46			
11/7/99 2:00	1030.63	30.43	0.686	120.99	249.78	519.24	518.91		
11/7/99 2:15	1030.75	30.44	0.684	120.99	249.78	518.75			
11/7/99 2:30	1030.75	30.44	0.684	120.73	249.31	518.31			
11/7/99 2:45	1030.75	30.44	0.683	120.47	248.84	517.91			
11/7/99 3:00	1030.75	30.44	0.686	119.94	247.90	518.52	518.18		
11/7/99 3:15	1031.00	30.45	0.684	120.47	248.84	518.08			
11/7/99 3:30	1031.13	30.45	0.686	119.42	246.96	518.08			
11/7/99 3:45	1030.88	30.44	0.686	119.94	247.90	518.49			
11/7/99 4:00	1030.88	30.44	0.685	119.68	247.43	518.09	518.33		
11/7/99 4:15	1031.00	30.45	0.686	119.68	247.43	518.51			
11/7/99 4:30	1031.00	30.45	0.686	119.88	247.43	518.51			
11/7/99 4:45	1030.88	30.44	0.686	119.42	246.96	518.14			
11/7/99 5:00	1031.13	30.45	0.686	119.68	247.43	518.48	518.49		
11/7/99 5:15	1031.00	30.45	0.687	119.42	246.96	518.60			
11/7/99 5:30	1031.13	30.45	0.687	119.68	247.43	518.74			
11/7/99 5:45	1031.25	30.45	0.685	119.16	246.49	517.65			
11/7/99 6:00	1031.25	30.45	0.686	118.90	246.02	517.70	518.06		
11/7/99 6:15	1031.38	30.46	0.684	119.94	247.90	517.91			
11/7/99 6:30	1031.63	30.46	0.686	119.94	247.90	518.30			
11/7/99 6:45	1031.63	30.46	0.687	119.42	246.96	518.44			
11/7/99 7:00	1031.75	30.47	0.689	119.94	247.90	519.44	518.56		
11/7/99 7:15	1031.75	30.47	0.687	119.42	246.96	518.41			
11/7/99 7:30	1031.88	30.47	0.686	119.94	247.90	518.23			
11/7/99 7:45	1032.00	30.47	0.686	119.68	247.43	518.03			
11/7/99 8:00	1032.13	30.48	0.686	119.16	246.49	517.65	518.04		
11/7/99 8:15	1032.38	30.49	0.686	119.68	247.43	518.16			
11/7/99 8:30	1032.50	30.49	0.686	119.68	247.43	518.13			
11/7/99 8:45	1032.63	30.49	0.686	119.68	247.43	518.10			
11/7/99 9:00	1032.63	30.49	0.684	119.94	247.90	517.59	518.21		
11/7/99 9:15	1032.75	30.50	0.686	120.21	248.37	518.41			
11/7/99 9:30	1032.63	30.49	0.686	120.73	249.31	518.79			
11/7/99 9:45	1032.38	30.49	0.687	121.25	250.25	519.46			
11/7/99 10:00	1032.38	30.49	0.685	121.77	251.19	519.08	519.50		
11/7/99 10:15	1032.25	30.48	0.687	122.03	251.66	520.01			
11/7/99 10:30	1032.00	30.47	0.686	122.56	252.60	520.15			
11/7/99 10:45	1031.75	30.47	0.686	122.56	252.60	520.21			
11/7/99 11:00	1031.63	30.46	0.684	122.82	253.07	519.73	520.02		
11/7/99 11:15	1031.63	30.46	0.683	123.08	253.54	519.41			
11/7/99 11:30	1031.50	30.46	0.686	123.08	253.54	520.62			
11/7/99 11:45	1031.50	30.46	0.686	123.34	254.01	520.56			
11/7/99 12:00	1031.38	30.46	0.686	123.60	254.46	520.99	520.75		
11/7/99 12:15	1030.88	30.44	0.685	123.60	254.46	520.66			
11/7/99 12:30	1030.50	30.43	0.685	123.86	254.95	520.93			
11/7/99 12:45	1029.88	30.41	0.683	124.13	255.43	520.54			
11/7/99 13:00	1029.25	30.39	0.683	124.39	255.90	520.88	520.75		
11/7/99 13:15	1028.88	30.38	0.682	124.39	255.90	520.50			
11/7/99 13:30	1028.88	30.38	0.683	124.65	256.37	520.90			
11/7/99 13:45	1028.88	30.38	0.686	124.91	256.84	522.48			
11/7/99 14:00	1028.63	30.38	0.683	124.91	256.84	521.36	521.73		
11/7/99 14:15	1028.50	30.37	0.684	125.17	257.31	522.06			
11/7/99 14:30	1028.38	30.37	0.684	125.17	257.31	521.83			
11/7/99 14:45	1028.00	30.36	0.683	125.17	257.31	521.69			
11/7/99 15:00	1027.88	30.35	0.684	125.17	257.31	521.96	521.65		
11/7/99 15:15	1027.75	30.35	0.683	125.17	257.31	521.76			
11/7/99 15:30	1027.68	30.35	0.681	125.17	257.31	521.00			
11/7/99 15:45	1027.88	30.35	0.684	125.17	257.31	521.96			
11/7/99 16:00	1027.68	30.35	0.683	124.91	256.84	521.33	521.38		
11/7/99 16:15	1027.63	30.35	0.683	124.91	256.84	521.39			
11/7/99 16:30	1027.63	30.35	0.683	124.65	256.37	521.22			
11/7/99 16:45	1027.50	30.34	0.683	124.65	256.37	521.25			
11/7/99 17:00	1027.50	30.34	0.679	124.39	255.90	519.69	520.54		
11/7/99 17:15	1027.50	30.34	0.681	124.13	255.43	520.41			
11/7/99 17:30	1027.38	30.34	0.681	123.34	254.01	519.93			
11/7/99 17:45	1027.38	30.34	0.682	123.08	253.54	520.03			
11/7/99 18:00	1027.50	30.34	0.681	122.56	252.60	519.38	519.16		
11/7/99 18:15	1027.75	30.35	0.681	122.03	251.66	518.75			
11/7/99 18:30	1027.63	30.35	0.679	121.51	250.72	517.71			
11/7/99 18:45	1027.63	30.35	0.679	121.25	250.25	517.54			
11/7/99 19:00	1027.38	30.34	0.679	120.73	249.31	517.53	517.47		
11/7/99 19:15	1027.25	30.33	0.679	120.47	248.84	517.39			
11/7/99 19:30	1027.38	30.34	0.679	120.21	248.37	517.19			
11/7/99 19:45	1027.38	30.34	0.677	120.21	248.37	516.23			
11/7/99 20:00	1027.50	30.34	0.679	119.94	247.90	516.72	516.76		
11/7/99 20:15	1027.50	30.34	0.679	119.68	247.43	516.81			
11/7/99 20:30	1027.25	30.33	0.679	120.21	248.37	516.95			
11/7/99 20:45	1027.13	30.33	0.681	120.21	248.37	517.71			
11/7/99 21:00	1027.00	30.33	0.679	119.94	247.90	517.11	516.97		
11/7/99 21:15	1027.00	30.33	0.678	119.68	247.43	516.44			
11/7/99 21:30	1027.13	30.33	0.679	119.68	247.43	516.84			
11/7/99 21:45	1027.25	30.33	0.679	119.68	247.43	516.61			
11/7/99 22:00	1027.25	30.33	0.681	119.68	247.43	517.33	516.85		
11/7/99 22:15	1027.25	30.33	0.679	119.88	247.43	516.67			
11/7/99 22:30	1027.13	30.33	0.679	119.94	247.90	516.81			
11/7/99 22:45	1027.00	30.33	0.678	120.21	248.37	516.79			
11/7/99 23:00	1026.88	30.32	0.676	119.68	247.43	516.47	516.35		
11/7/99 23:15	1026.75	30.32	0.677	119.16	246.49	515.70			
11/7/99 23:30	1026.63	30.32	0.678	119.16	246.49	515.96			
11/7/99 23:45	1026.50	30.31	0.676	119.18	246.49	515.50			
11/8/99 0:00	1026.50	30.31	0.674	119.18	246.49	514.81	515.82		
11/8/99 0:15	1026.38	30.31	0.677	118.90	246.02	515.63			
11/8/99 0:30	1026.25	30.31	0.680	119.42	246.96	517.16			
11/8/99 0:45	1026.13	30.30	0.679	120.21	248.37	517.23			
11/8/99 1:00	1025.88	30.29	0.678	119.94	247.90	516.90	518.32		
11/8/99 1:15	1025.88	30.29	0.676	119.42	246.96	515.60			
11/8/99 1:30	1025.88	30.29	0.674	119.16	246.49	514.70			
11/8/99 1:45	1025.75	30.29	0.676	118.38	245.08	514.94			
11/8/99 2:00	1025.75	30.29	0.674	118.90	246.02	514.56	515.48		
11/8/99 2:15	1025.75	30.29	0.679	119.94	247.90	517.42			
11/8/99 2:30	1025.63	30.29	0.675	119.94	247.90	515.76			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/8/99 2:45	1025.63	30.29	0.677	119.94	247.90	516.50			
11/8/99 3:00	1025.63	30.29	0.676	119.16	246.49	515.49	515.83		
11/8/99 3:15	1025.75	30.29	0.675	118.64	245.55	514.89			
11/8/99 3:30	1025.75	30.29	0.677	119.94	247.90	516.47			
11/8/99 3:45	1025.63	30.29	0.678	120.21	248.37	517.13			
11/8/99 4:00	1025.50	30.28	0.676	120.21	248.37	516.44	516.62		
11/8/99 4:15	1025.50	30.28	0.678	120.21	248.37	517.16			
11/8/99 4:30	1025.38	30.28	0.676	119.68	247.43	515.90			
11/8/99 4:45	1025.38	30.28	0.674	119.42	246.96	515.27			
11/8/99 5:00	1025.25	30.28	0.676	119.94	247.90	516.33	515.89		
11/8/99 5:15	1025.13	30.27	0.675	120.21	248.37	516.07			
11/8/99 5:30	1025.25	30.28	0.675	119.94	247.90	515.87			
11/8/99 5:45	1025.50	30.28	0.673	119.68	247.43	514.91			
11/8/99 6:00	1025.50	30.28	0.674	119.42	246.96	514.97	515.56		
11/8/99 6:15	1025.38	30.28	0.676	119.94	247.90	516.30			
11/8/99 6:30	1025.38	30.28	0.675	119.94	247.90	515.84			
11/8/99 6:45	1025.38	30.28	0.674	119.94	247.90	515.61			
11/8/99 7:00	1025.38	30.28	0.674	119.68	247.43	515.17	515.49		
11/8/99 7:15	1025.38	30.28	0.676	119.42	246.96	515.95			
11/8/99 7:30	1025.25	30.28	0.674	119.16	246.49	514.86			
11/8/99 7:45	1025.25	30.28	0.672	119.68	247.43	514.51			
11/8/99 8:00	1025.25	30.28	0.675	119.68	247.43	515.70	514.68		
11/8/99 8:15	1025.50	30.28	0.673	119.68	247.43	514.68			
11/8/99 8:30	1025.63	30.29	0.673	119.68	247.43	514.65			
11/8/99 8:45	1025.50	30.28	0.673	120.21	248.37	515.02			
11/8/99 9:00	1025.38	30.28	0.673	120.47	248.84	515.46	515.46		
11/8/99 9:15	1025.38	30.26	0.674	120.99	249.78	516.03			
11/8/99 9:30	1025.38	30.28	0.673	121.51	250.72	516.14			
11/8/99 9:45	1025.13	30.27	0.675	122.30	252.13	517.44			
11/8/99 10:00	1025.13	30.27	0.689	122.03	251.66	522.49	519.28		
11/8/99 10:15	1025.00	30.27	0.691	121.77	251.19	523.30			
11/8/99 10:30	1024.75	30.26	0.672	123.34	254.01	517.03			
11/8/99 10:45	1024.50	30.25	0.672	123.86	254.95	517.43			
11/8/99 11:00	1024.38	30.25	0.673	124.13	255.43	518.10	517.87		
11/8/99 11:15	1024.25	30.25	0.674	124.39	255.90	518.80			
11/8/99 11:30	1024.00	30.24	0.671	124.91	256.84	517.97			
11/8/99 11:45	1023.75	30.23	0.674	125.43	257.78	519.34			
11/8/99 12:00	1023.50	30.22	0.674	125.69	258.25	519.57	519.35		
11/8/99 12:15	1023.13	30.21	0.673	126.22	259.19	519.54			
11/8/99 12:30	1023.00	30.21	0.674	126.22	259.19	520.31			
11/8/99 12:45	1022.63	30.20	0.674	126.74	260.13	520.47			
11/8/99 13:00	1022.38	30.19	0.678	127.00	260.60	521.44	520.74		
11/8/99 13:15	1022.13	30.18	0.672	127.52	261.54	520.41			
11/8/99 13:30	1022.00	30.18	0.673	127.78	262.01	521.08			
11/8/99 13:45	1021.88	30.18	0.673	128.04	262.48	521.28			
11/8/99 14:00	1021.50	30.16	0.673	128.31	262.95	521.31	521.44		
11/8/99 14:15	1021.25	30.16	0.674	128.31	262.95	521.84			
11/8/99 14:30	1021.00	30.15	0.673	128.31	262.95	521.67			
11/8/99 14:45	1020.88	30.15	0.673	128.57	263.42	521.64			
11/8/99 15:00	1020.88	30.15	0.673	128.57	263.42	521.88	522.16		
11/8/99 15:15	1020.75	30.14	0.676	128.83	263.89	523.05			
11/8/99 15:30	1020.75	30.14	0.674	128.83	263.89	522.58			
11/8/99 15:45	1020.75	30.14	0.675	128.57	263.42	522.64			
11/8/99 16:00	1020.63	30.14	0.674	128.57	263.42	522.17	522.45		
11/8/99 16:15	1020.63	30.14	0.676	128.31	262.95	522.74			
11/8/99 16:30	1020.50	30.14	0.674	128.04	262.48	522.14			
11/8/99 16:45	1020.38	30.13	0.676	128.04	262.48	522.86			
11/8/99 17:00	1020.38	30.13	0.676	127.78	262.01	522.46	521.97		
11/8/99 17:15	1020.38	30.13	0.674	127.26	261.07	521.66			
11/8/99 17:30	1020.38	30.13	0.674	126.22	259.19	520.71			
11/8/99 17:45	1020.38	30.13	0.669	125.43	257.78	518.53			
11/8/99 18:00	1020.38	30.13	0.671	124.91	256.84	518.66	519.22		
11/8/99 18:15	1020.50	30.14	0.673	124.65	256.37	519.19			
11/8/99 18:30	1020.50	30.14	0.673	124.39	255.90	519.02			
11/8/99 18:45	1020.50	30.14	0.671	124.13	255.43	518.35			
11/8/99 19:00	1020.63	30.14	0.671	123.86	254.95	518.14	518.44		
11/8/99 19:15	1020.63	30.14	0.671	123.60	254.48	517.97			
11/8/99 19:30	1020.63	30.14	0.673	123.60	254.48	518.71			
11/8/99 19:45	1020.50	30.14	0.674	123.34	254.01	518.80			
11/8/99 20:00	1020.50	30.14	0.670	123.34	254.01	517.37	518.17		
11/8/99 20:15	1020.50	30.14	0.673	123.34	254.01	518.34			
11/8/99 20:30	1020.63	30.14	0.671	123.08	253.54	517.63			
11/8/99 20:45	1020.63	30.14	0.671	123.08	253.54	517.63			
11/8/99 21:00	1020.63	30.14	0.672	122.82	253.07	517.73	517.60		
11/8/99 21:15	1020.50	30.14	0.670	122.82	253.07	517.03			
11/8/99 21:30	1020.50	30.14	0.673	122.82	253.07	517.99			
11/8/99 21:45	1020.50	30.14	0.669	122.56	252.60	516.63			
11/8/99 22:00	1020.63	30.14	0.670	122.58	252.60	516.83	517.11		
11/8/99 22:15	1020.63	30.14	0.673	122.58	252.60	517.79			
11/8/99 22:30	1020.63	30.14	0.669	122.56	252.60	516.33			
11/8/99 22:45	1020.50	30.14	0.669	122.30	252.13	516.46			
11/8/99 23:00	1020.50	30.14	0.667	121.77	251.19	515.15	516.05		
11/8/99 23:15	1020.38	30.13	0.669	121.77	251.19	516.15			
11/8/99 23:30	1020.38	30.13	0.669	121.77	251.19	516.15			
11/8/99 23:45	1020.50	30.14	0.671	121.77	251.19	516.58			
11/9/99 0:00	1020.38	30.13	0.669	121.77	251.19	516.15	516.45		
11/9/99 0:15	1020.38	30.13	0.671	121.51	250.72	516.44			
11/9/99 0:30	1020.38	30.13	0.672	121.51	250.72	516.94			
11/9/99 0:45	1020.38	30.13	0.672	121.77	251.19	517.11			
11/9/99 1:00	1020.38	30.13	0.672	121.51	250.72	516.94	516.54		
11/9/99 1:15	1020.38	30.13	0.669	121.51	250.72	515.98			
11/9/99 1:30	1020.38	30.13	0.669	121.51	250.72	515.71			
11/9/99 1:45	1020.50	30.14	0.668	121.51	250.72	515.44			
11/9/99 2:00	1020.50	30.14	0.670	121.77	251.19	516.35	515.87		
11/9/99 2:15	1020.50	30.14	0.671	120.99	249.78	516.07			
11/9/99 2:30	1020.63	30.14	0.670	120.99	249.78	515.80			
11/9/99 2:45	1020.75	30.14	0.669	121.51	250.72	515.61			
11/9/99 3:00	1020.75	30.14	0.669	121.51	250.72	515.88	515.67		
11/9/99 3:15	1020.75	30.14	0.669	121.51	250.72	515.61			
11/9/99 3:30	1020.75	30.14	0.669	121.25	250.25	515.44			
11/9/99 3:45	1020.75	30.14	0.668	121.77	251.19	515.55			
11/9/99 4:00	1020.88	30.15	0.670	121.51	250.72	516.06	515.66		
11/9/99 4:15	1020.88	30.15	0.669	120.99	249.78	515.51			
11/9/99 4:30	1021.13	30.15	0.671	120.73	249.31	515.74			
11/9/99 4:45	1021.25	30.16	0.671	120.47	248.84	515.54			
11/9/99 5:00	1021.25	30.16	0.671	120.99	249.78	515.88	515.65		
11/9/99 5:15	1021.38	30.16	0.671	120.99	249.78	515.85			
11/9/99 5:30	1021.50	30.16	0.670	120.47	248.84	515.24			
11/9/99 5:45	1021.63	30.17	0.671	120.47	248.84	515.44			
11/9/99 6:00	1021.63	30.17	0.670	120.47	248.84	515.21	515.06		
11/9/99 6:15	1021.50	30.18	0.688	120.47	248.84	514.28			
11/9/99 6:30	1021.63	30.17	0.669	120.73	249.31	515.15			
11/9/99 6:45	1021.88	30.18	0.670	120.47	248.84	515.15			
11/9/99 7:00	1022.00	30.18	0.670	120.73	249.31	515.29	515.40		
11/9/99 7:15	1021.88	30.18	0.670	120.99	249.78	515.49			
11/9/99 7:30	1021.88	30.18	0.671	120.99	249.78	515.95			
11/9/99 7:45	1021.88	30.18	0.673	121.51	250.72	516.79			
11/9/99 8:00	1022.00	30.18	0.672	121.77	251.19	516.70	516.69		
11/9/99 8:15	1022.13	30.18	0.672	122.03	251.66	518.84			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/9/99 8:30	1022.25	30.19	0.672	122.56	252.60	517.15			
11/9/99 8:45	1022.25	30.19	0.670	123.08	253.54	516.76			
11/9/99 9:00	1022.25	30.19	0.673	123.34	254.01	517.69	517.47		
11/9/99 9:15	1022.25	30.19	0.671	123.86	254.95	517.73			
11/9/99 9:30	1022.25	30.19	0.671	124.39	255.90	517.64			
11/9/99 9:45	1022.25	30.19	0.673	124.91	256.84	518.91			
11/9/99 10:00	1022.13	30.18	0.673	125.17	257.31	519.12	519.05		
11/9/99 10:15	1022.13	30.18	0.671	125.69	258.25	518.95			
11/9/99 10:30	1022.00	30.18	0.673	126.74	260.13	520.40			
11/9/99 10:45	1021.88	30.18	0.672	127.00	260.60	520.14			
11/9/99 11:00	1021.75	30.17	0.675	127.78	262.01	521.88	521.09		
11/9/99 11:15	1021.50	30.16	0.674	128.04	262.48	521.61			
11/9/99 11:30	1021.13	30.15	0.673	128.31	262.95	521.41			
11/9/99 11:45	1020.88	30.15	0.671	128.83	263.89	521.31			
11/9/99 12:00	1020.63	30.14	0.673	129.09	264.36	522.28	522.23		
11/9/99 12:15	1020.25	30.13	0.673	129.61	265.30	522.71			
11/9/99 12:30	1020.00	30.12	0.674	129.87	265.77	523.45			
11/9/99 12:45	1019.75	30.11	0.672	130.13	266.24	522.71			
11/9/99 13:00	1019.50	30.11	0.673	130.13	266.24	523.25	523.26		
11/9/99 13:15	1019.25	30.10	0.674	130.40	266.71	523.71			
11/9/99 13:30	1019.25	30.10	0.672	130.66	267.18	523.18			
11/9/99 13:45	1019.13	30.09	0.674	130.66	267.18	523.91			
11/9/99 14:00	1018.88	30.09	0.673	130.66	267.18	523.74	523.68		
11/9/99 14:15	1018.75	30.08	0.673	130.66	267.18	523.54			
11/9/99 14:30	1018.50	30.08	0.673	130.92	267.65	524.01			
11/9/99 14:45	1018.38	30.07	0.675	130.66	267.18	524.61			
11/9/99 15:00	1018.25	30.07	0.673	130.66	267.18	523.67	523.75		
11/9/99 15:15	1018.25	30.07	0.672	130.66	267.18	523.44			
11/9/99 15:30	1018.25	30.07	0.671	130.40	266.71	523.00			
11/9/99 15:45	1018.38	30.07	0.673	130.40	266.71	523.70			
11/9/99 16:00	1018.25	30.07	0.674	129.87	265.77	523.63	523.29		
11/9/99 16:15	1018.25	30.07	0.671	129.87	265.77	522.66			
11/9/99 16:30	1018.25	30.07	0.674	129.61	265.30	523.46			
11/9/99 16:45	1018.13	30.07	0.674	129.61	265.30	523.49			
11/9/99 17:00	1018.13	30.07	0.673	129.35	264.83	523.09	522.92		
11/9/99 17:15	1018.25	30.07	0.671	128.83	263.89	521.98			
11/9/99 17:30	1018.13	30.07	0.673	128.57	263.42	522.58			
11/9/99 17:45	1018.25	30.07	0.671	128.57	263.42	521.58			
11/9/99 18:00	1018.25	30.07	0.671	128.31	262.95	521.64	521.93		
11/9/99 18:15	1018.25	30.07	0.672	128.31	262.95	521.91			
11/9/99 18:30	1018.38	30.07	0.673	128.04	262.46	521.94			
11/9/99 18:45	1018.25	30.07	0.672	128.04	262.48	521.74			
11/9/99 19:00	1018.13	30.07	0.670	127.52	261.54	520.70	521.14		
11/9/99 19:15	1018.00	30.06	0.671	127.00	260.60	520.86			
11/9/99 19:30	1018.00	30.06	0.671	126.74	260.13	520.45			
11/9/99 19:45	1017.88	30.06	0.673	125.95	258.72	520.71			
11/9/99 20:00	1017.75	30.05	0.671	125.69	258.25	520.07	519.91		
11/9/99 20:15	1017.88	30.06	0.670	125.43	257.78	519.40			
11/9/99 20:30	1017.88	30.06	0.669	125.43	257.78	518.90			
11/9/99 20:45	1017.88	30.06	0.671	125.17	257.31	519.46			
11/9/99 21:00	1017.88	30.06	0.669	125.17	257.31	518.73	519.15		
11/9/99 21:15	1017.88	30.06	0.671	125.17	257.31	519.70			
11/9/99 21:30	1018.00	30.06	0.669	125.17	257.31	518.97			
11/9/99 21:45	1017.88	30.06	0.669	125.17	257.31	519.00			
11/9/99 22:00	1017.88	30.06	0.670	125.17	257.31	519.23	518.94		
11/9/99 22:15	1017.88	30.06	0.670	125.17	257.31	519.23			
11/9/99 22:30	1017.88	30.06	0.668	125.17	257.31	518.26			
11/9/99 22:45	1017.88	30.06	0.670	125.17	257.31	519.23			
11/9/99 23:00	1018.00	30.06	0.668	124.91	256.84	518.29	518.72		
11/9/99 23:15	1018.00	30.06	0.670	124.91	256.84	519.03			
11/9/99 23:30	1018.00	30.06	0.669	124.91	256.84	518.60			
11/9/99 23:45	1018.13	30.07	0.670	124.91	256.84	519.00			
11/10/99 0:00	1018.25	30.07	0.670	124.65	256.37	518.80	518.13		
11/10/99 0:15	1018.38	30.07	0.665	124.39	255.90	516.85			
11/10/99 0:30	1018.38	30.07	0.667	124.39	255.90	517.39			
11/10/99 0:45	1018.38	30.07	0.669	124.39	255.90	518.36			
11/10/99 1:00	1018.25	30.07	0.666	124.13	255.43	517.72	517.99		
11/10/99 1:15	1018.25	30.07	0.669	124.13	255.43	517.95			
11/10/99 1:30	1018.13	30.07	0.671	123.86	254.95	518.55			
11/10/99 1:45	1018.00	30.06	0.669	123.60	254.48	517.67			
11/10/99 2:00	1018.00	30.06	0.668	123.60	254.48	517.21	517.89		
11/10/99 2:15	1018.00	30.06	0.669	123.60	254.48	517.67			
11/10/99 2:30	1018.00	30.06	0.670	123.88	254.95	518.35			
11/10/99 2:45	1018.00	30.06	0.669	124.13	255.43	518.29			
11/10/99 3:00	1017.88	30.06	0.669	124.13	255.43	518.32	518.19		
11/10/99 3:15	1017.88	30.06	0.667	124.39	255.90	517.52			
11/10/99 3:30	1017.88	30.06	0.669	124.39	255.90	518.49			
11/10/99 3:45	1017.75	30.05	0.669	124.39	255.90	518.52			
11/10/99 4:00	1017.63	30.05	0.670	124.39	255.90	518.78	518.23		
11/10/99 4:15	1017.50	30.05	0.666	124.65	256.37	517.28			
11/10/99 4:30	1017.25	30.04	0.668	124.65	256.37	518.08			
11/10/99 4:45	1017.25	30.04	0.666	124.65	256.37	518.08			
11/10/99 5:00	1017.25	30.04	0.668	124.65	256.37	518.06	518.47		
11/10/99 5:15	1017.13	30.04	0.666	124.65	256.37	517.81			
11/10/99 5:30	1017.00	30.03	0.673	124.91	256.84	520.46			
11/10/99 5:45	1016.88	30.03	0.666	124.65	256.37	517.67			
11/10/99 6:00	1016.88	30.03	0.666	124.91	256.84	517.84	518.44		
11/10/99 6:15	1016.88	30.03	0.666	124.91	256.84	517.61			
11/10/99 6:30	1016.75	30.02	0.666	124.91	256.84	518.61			
11/10/99 6:45	1016.75	30.02	0.667	124.91	256.84	518.15			
11/10/99 7:00	1016.63	30.02	0.667	124.91	256.84	518.18	518.19		
11/10/99 7:15	1016.63	30.02	0.666	124.91	256.84	517.67			
11/10/99 7:30	1016.63	30.02	0.667	125.17	257.31	518.35			
11/10/99 7:45	1016.63	30.02	0.666	125.17	257.31	518.07			
11/10/99 8:00	1016.75	30.02	0.669	125.17	257.31	519.01	518.89		
11/10/99 8:15	1016.63	30.02	0.668	125.17	257.31	518.61			
11/10/99 8:30	1016.63	30.02	0.671	125.43	257.76	520.19			
11/10/99 8:45	1016.63	30.02	0.669	125.43	257.78	519.49			
11/10/99 9:00	1016.50	30.02	0.666	125.69	258.25	518.45	519.23		
11/10/99 9:15	1016.38	30.01	0.667	125.95	258.72	518.92			
11/10/99 9:30	1016.25	30.01	0.667	126.22	259.19	519.12			
11/10/99 9:45	1016.00	30.00	0.667	126.22	259.19	519.19			
11/10/99 10:00	1015.88	30.00	0.666	126.22	259.19	518.95	519.14		
11/10/99 10:15	1015.63	29.99	0.667	126.22	259.19	519.26			
11/10/99 10:30	1015.63	29.99	0.666	126.48	259.66	519.18			
11/10/99 10:45	1015.75	30.00	0.669	126.74	260.13	520.29			
11/10/99 11:00	1015.75	30.00	0.667	127.00	260.60	519.76	519.96		
11/10/99 11:15	1015.50	29.99	0.666	127.26	261.07	519.72			
11/10/99 11:30	1015.25	29.98	0.668	127.78	262.01	520.86			
11/10/99 11:45	1015.00	29.97	0.669	127.78	262.01	521.16			
11/10/99 12:00	1014.63	29.96	0.668	128.04	262.48	521.19	521.00		
11/10/99 12:15	1014.25	29.95	0.666	128.31	262.95	521.23			
11/10/99 12:30	1014.00	29.94	0.666	128.31	262.95	520.55			
11/10/99 12:45	1013.88	29.94	0.666	128.57	263.42	520.98			
11/10/99 13:00	1013.63	29.93	0.666	128.83	263.89	520.98	521.01		
11/10/99 13:15	1013.38	29.92	0.666	128.83	263.89	521.05			
11/10/99 13:30	1013.25	29.92	0.666	129.09	264.36	521.46			
11/10/99 13:45	1013.13	29.92	0.667	129.35	264.63	521.96			
11/10/99 14:00	1013.00	29.91	0.664	129.61	265.30	520.91	521.89		

301TELOG99.XLS

Date Time	Bar Press mlibbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/10/99 14:15	1012.88	29.91	0.667	129.61	265.30	522.19			
11/10/99 14:30	1012.88	29.91	0.666	129.61	265.30	521.92			
11/10/99 14:45	1012.75	29.91	0.666	129.61	265.30	521.71			
11/10/99 15:00	1012.63	29.90	0.667	129.87	265.77	522.43	521.69		
11/10/99 15:15	1012.38	29.90	0.667	129.61	265.30	522.32			
11/10/99 15:30	1012.38	29.90	0.664	129.61	265.30	521.07			
11/10/99 15:45	1012.50	29.90	0.666	129.61	265.30	521.78			
11/10/99 16:00	1012.63	29.90	0.665	129.35	264.83	521.34	521.60		
11/10/99 16:15	1012.63	29.90	0.666	129.35	264.83	521.81			
11/10/99 16:30	1012.88	29.91	0.667	129.35	264.83	522.02			
11/10/99 16:45	1013.00	29.91	0.667	129.35	264.83	521.99			
11/10/99 17:00	1013.13	29.92	0.668	129.35	264.83	522.19	521.67		
11/10/99 17:15	1013.13	29.92	0.666	129.09	264.36	521.51			
11/10/99 17:30	1013.25	29.92	0.664	128.83	263.89	520.61			
11/10/99 17:45	1013.50	29.93	0.667	128.57	263.42	521.35			
11/10/99 18:00	1013.75	29.94	0.666	128.57	263.42	521.52	521.02		
11/10/99 18:15	1013.88	29.94	0.666	128.31	262.95	520.81			
11/10/99 18:30	1014.00	29.94	0.666	128.31	262.95	520.78			
11/10/99 18:45	1014.00	29.94	0.667	128.04	262.48	520.89			
11/10/99 19:00	1014.13	29.95	0.666	127.76	262.01	520.41	520.45		
11/10/99 19:15	1014.25	29.95	0.666	127.26	261.07	519.81			
11/10/99 19:30	1014.25	29.95	0.668	127.00	260.60	520.38			
11/10/99 19:45	1014.38	29.95	0.667	127.00	260.60	520.11			
11/10/99 20:00	1014.38	29.95	0.666	127.00	260.60	519.60	519.83		
11/10/99 20:15	1014.38	29.95	0.666	127.00	260.60	519.84			
11/10/99 20:30	1014.38	29.95	0.665	126.74	260.13	519.20			
11/10/99 20:45	1014.50	29.96	0.666	126.48	259.66	519.47			
11/10/99 21:00	1014.50	29.96	0.664	126.22	259.19	518.59	519.28		
11/10/99 21:15	1014.50	29.96	0.666	126.22	259.19	519.30			
11/10/99 21:30	1014.63	29.96	0.668	125.95	258.72	519.83			
11/10/99 21:45	1014.63	29.96	0.666	125.43	257.78	518.76			
11/10/99 22:00	1014.63	29.96	0.667	125.43	257.78	519.03	518.97		
11/10/99 22:15	1014.75	29.97	0.666	125.17	257.31	518.55			
11/10/99 22:30	1014.75	29.97	0.667	124.91	256.84	518.66			
11/10/99 22:45	1014.88	29.97	0.667	124.91	256.84	518.82			
11/10/99 23:00	1015.13	29.98	0.666	124.91	256.84	518.05	518.22		
11/10/99 23:15	1015.13	29.98	0.664	124.65	256.37	517.42			
11/10/99 23:30	1015.25	29.98	0.667	124.65	256.37	518.36			
11/10/99 23:45	1015.50	29.99	0.666	124.39	255.90	517.62			
11/11/99 0:00	1015.50	29.99	0.666	124.13	255.43	517.68	517.62		
11/11/99 0:15	1015.63	29.99	0.664	123.60	254.48	516.61			
11/11/99 0:30	1015.50	29.99	0.668	123.60	254.48	517.85			
11/11/99 0:45	1015.75	30.00	0.664	123.34	254.01	516.41			
11/11/99 1:00	1015.75	30.00	0.665	123.08	253.54	516.47	516.52		
11/11/99 1:15	1015.88	30.00	0.664	123.08	253.54	515.93			
11/11/99 1:30	1015.88	30.00	0.664	123.08	253.54	515.93			
11/11/99 1:45	1015.88	30.00	0.666	123.08	253.54	516.67			
11/11/99 2:00	1016.25	30.01	0.666	123.08	253.54	516.61	516.19		
11/11/99 2:15	1016.50	30.02	0.664	123.08	253.54	516.05			
11/11/99 2:30	1016.75	30.02	0.663	123.08	253.54	515.48			
11/11/99 2:45	1017.00	30.03	0.668	123.08	253.54	517.12			
11/11/99 3:00	1017.00	30.03	0.665	123.08	253.54	516.15	516.73		
11/11/99 3:15	1017.13	30.04	0.668	123.34	254.01	517.26			
11/11/99 3:30	1017.25	30.04	0.668	123.60	254.48	517.63			
11/11/99 3:45	1017.38	30.04	0.667	123.60	254.48	517.14			
11/11/99 4:00	1017.63	30.05	0.667	123.60	254.48	517.07	517.14		
11/11/99 4:15	1017.75	30.05	0.667	123.60	254.48	517.04			
11/11/99 4:30	1017.88	30.06	0.667	123.34	254.01	516.84			
11/11/99 4:45	1018.38	30.07	0.668	123.08	253.54	517.01			
11/11/99 5:00	1018.38	30.07	0.668	123.34	254.01	517.18	516.77		
11/11/99 5:15	1018.75	30.08	0.669	123.08	253.54	517.14			
11/11/99 5:30	1018.75	30.08	0.665	123.08	253.54	515.71			
11/11/99 5:45	1019.13	30.09	0.668	123.34	254.01	516.75			
11/11/99 6:00	1019.63	30.11	0.666	123.34	254.01	516.12	516.44		
11/11/99 6:15	1019.75	30.11	0.669	123.34	254.01	517.06			
11/11/99 6:30	1020.13	30.12	0.668	123.08	253.54	516.56			
11/11/99 6:45	1020.75	30.14	0.669	123.08	253.54	516.91			
11/11/99 7:00	1021.13	30.15	0.672	123.08	253.54	517.78	517.14		
11/11/99 7:15	1021.75	30.17	0.673	123.08	253.54	518.08			
11/11/99 7:30	1022.25	30.19	0.669	122.82	253.07	516.38			
11/11/99 7:45	1022.38	30.19	0.672	122.82	253.07	517.29			
11/11/99 8:00	1022.75	30.20	0.669	122.82	253.07	516.23	517.00		
11/11/99 8:15	1022.88	30.21	0.672	122.82	253.07	517.16			
11/11/99 8:30	1023.13	30.21	0.674	123.08	253.54	517.96			
11/11/99 8:45	1023.50	30.22	0.672	123.08	253.54	517.17			
11/11/99 9:00	1023.75	30.23	0.676	123.08	253.54	518.53	517.69		
11/11/99 9:15	1023.88	30.23	0.673	123.08	253.54	517.54			
11/11/99 9:30	1024.13	30.24	0.673	123.08	253.54	517.25			
11/11/99 9:45	1024.50	30.25	0.673	123.08	253.54	517.38			
11/11/99 10:00	1024.75	30.26	0.704	121.51	250.72	527.90	519.07		
11/11/99 10:15	1024.75	30.26	0.669	123.34	254.01	515.80			
11/11/99 10:30	1024.88	30.26	0.672	123.34	254.01	517.00			
11/11/99 10:45	1025.00	30.27	0.671	123.34	254.01	516.70			
11/11/99 11:00	1025.13	30.27	0.673	123.34	254.01	517.17	517.49		
11/11/99 11:15	1025.25	30.28	0.676	123.34	254.01	518.55			
11/11/99 11:30	1025.50	30.28	0.675	123.34	254.01	518.03			
11/11/99 11:45	1025.38	30.28	0.674	123.34	254.01	517.83			
11/11/99 12:00	1025.25	30.28	0.675	123.34	254.01	518.09	518.35		
11/11/99 12:15	1025.13	30.27	0.676	123.60	254.48	518.76			
11/11/99 12:30	1025.00	30.27	0.677	123.60	254.48	519.06			
11/11/99 12:45	1025.13	30.27	0.677	123.60	254.48	519.03			
11/11/99 13:00	1025.38	30.28	0.674	123.60	254.48	516.00	518.60		
11/11/99 13:15	1025.38	30.28	0.675	123.60	254.48	518.23			
11/11/99 13:30	1025.38	30.28	0.676	123.60	254.48	518.69			
11/11/99 13:45	1025.38	30.28	0.676	123.60	254.48	518.69			
11/11/99 14:00	1025.00	30.27	0.676	123.86	254.95	519.48	518.86		
11/11/99 14:15	1025.13	30.27	0.675	124.13	255.43	518.84			
11/11/99 14:30	1025.25	30.28	0.676	124.13	255.43	518.84			
11/11/99 14:45	1025.38	30.28	0.676	124.13	255.43	518.80			
11/11/99 15:00	1025.75	30.29	0.677	124.13	255.43	519.21	519.10		
11/11/99 15:15	1025.75	30.29	0.676	124.13	255.43	519.44			
11/11/99 15:30	1025.75	30.29	0.677	124.13	255.43	519.21			
11/11/99 15:45	1025.88	30.29	0.678	124.13	255.43	519.41			
11/11/99 16:00	1025.88	30.29	0.676	124.13	255.43	519.64	519.38		
11/11/99 16:15	1025.88	30.29	0.678	124.39	255.90	519.58			
11/11/99 16:30	1026.00	30.30	0.676	124.39	255.90	519.05			
11/11/99 16:45	1026.25	30.31	0.676	124.13	255.43	518.56			
11/11/99 17:00	1026.50	30.31	0.678	124.13	255.43	519.46	519.10		
11/11/99 17:15	1026.63	30.32	0.676	124.13	255.43	519.22			
11/11/99 17:30	1026.88	30.32	0.678	124.13	255.43	519.15			
11/11/99 17:45	1026.88	30.32	0.676	123.60	254.48	518.06			
11/11/99 18:00	1027.13	30.33	0.679	123.60	254.48	519.21	519.10		
11/11/99 18:15	1027.25	30.33	0.681	123.60	254.48	519.90			
11/11/99 18:30	1027.38	30.34	0.679	123.60	254.48	519.15			
11/11/99 18:45	1027.63	30.35	0.679	123.34	254.01	518.91			
11/11/99 19:00	1027.75	30.35	0.680	123.08	253.54	519.21	519.00		
11/11/99 19:15	1027.63	30.35	0.676	123.08	253.54	518.51			
11/11/99 19:30	1027.75	30.35	0.680	123.08	253.54	519.21			
11/11/99 19:45	1027.75	30.35	0.678	122.82	253.07	518.08			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/11/99 20:00	1027.88	30.35	0.681	122.56	252.60	519.06	518.77		
11/11/99 20:15	1027.75	30.35	0.680	122.56	252.60	518.66			
11/11/99 20:30	1027.75	30.35	0.679	122.56	252.60	518.63			
11/11/99 20:45	1027.75	30.35	0.678	122.56	252.60	518.14			
11/11/99 21:00	1027.75	30.35	0.678	122.30	252.13	517.97	518.04		
11/11/99 21:15	1028.00	30.36	0.676	122.03	251.66	517.01			
11/11/99 21:30	1028.00	30.36	0.680	122.03	251.66	518.46			
11/11/99 21:45	1027.88	30.35	0.678	122.03	251.66	517.78			
11/11/99 22:00	1027.75	30.35	0.678	121.77	251.19	517.62	517.73		
11/11/99 22:15	1027.63	30.35	0.679	121.77	251.19	517.88			
11/11/99 22:30	1027.63	30.35	0.676	121.77	251.19	516.93			
11/11/99 22:45	1027.63	30.35	0.679	121.51	250.72	517.71			
11/11/99 23:00	1027.50	30.34	0.678	121.51	250.72	517.52	517.47		
11/11/99 23:15	1027.50	30.34	0.676	121.25	250.25	517.34			
11/11/99 23:30	1027.50	30.34	0.679	121.25	250.25	517.64			
11/11/99 23:45	1027.63	30.35	0.680	120.99	249.78	517.67			
11/12/99 0:00	1027.50	30.34	0.676	120.73	249.31	516.05	516.89		
11/12/99 0:15	1027.25	30.33	0.679	120.21	248.37	516.95			
11/12/99 0:30	1027.25	30.33	0.676	120.21	248.37	515.77			
11/12/99 0:45	1027.25	30.33	0.676	120.47	248.84	516.17			
11/12/99 1:00	1027.13	30.33	0.677	120.47	248.84	516.47	516.17		
11/12/99 1:15	1027.00	30.33	0.676	120.21	248.37	516.06			
11/12/99 1:30	1026.75	30.32	0.677	120.21	248.37	516.39			
11/12/99 1:45	1026.50	30.31	0.676	120.73	249.31	516.53			
11/12/99 2:00	1026.38	30.31	0.674	119.94	247.90	515.36	516.16		
11/12/99 2:15	1026.50	30.31	0.677	119.68	247.43	516.11			
11/12/99 2:30	1026.75	30.32	0.677	120.21	248.37	516.39			
11/12/99 2:45	1026.63	30.32	0.676	120.73	249.31	516.50			
11/12/99 3:00	1026.50	30.31	0.677	119.94	247.90	516.28	516.24		
11/12/99 3:15	1026.50	30.31	0.677	119.68	247.43	516.11			
11/12/99 3:30	1026.50	30.31	0.677	119.42	246.96	515.94			
11/12/99 3:45	1026.50	30.31	0.679	120.21	248.37	517.14			
11/12/99 4:00	1026.63	30.32	0.677	120.47	248.84	516.59	516.03		
11/12/99 4:15	1026.75	30.32	0.676	119.68	247.43	515.55			
11/12/99 4:30	1026.75	30.32	0.674	119.42	246.96	514.92			
11/12/99 4:45	1026.88	30.32	0.674	119.16	246.49	514.45			
11/12/99 5:00	1027.13	30.33	0.677	119.16	246.49	515.61	515.02		
11/12/99 5:15	1027.25	30.33	0.675	119.16	246.49	514.85			
11/12/99 5:30	1027.38	30.34	0.676	119.16	246.49	515.28			
11/12/99 5:45	1027.38	30.34	0.676	119.16	246.49	515.05			
11/12/99 6:00	1027.38	30.34	0.676	119.16	246.49	515.05	515.13		
11/12/99 6:15	1027.13	30.33	0.676	119.16	246.49	515.11			
11/12/99 6:30	1027.25	30.33	0.676	118.90	246.02	515.14			
11/12/99 6:45	1027.50	30.34	0.674	119.16	246.49	514.56			
11/12/99 7:00	1027.75	30.35	0.676	118.90	246.02	515.02	514.91		
11/12/99 7:15	1027.75	30.35	0.676	118.64	245.55	515.34			
11/12/99 7:30	1027.50	30.34	0.676	118.38	245.08	514.51			
11/12/99 7:45	1027.00	30.33	0.677	118.12	244.61	514.95			
11/12/99 8:00	1027.13	30.33	0.674	118.38	245.08	513.88	514.58		
11/12/99 8:15	1026.75	30.32	0.677	118.38	245.08	515.19			
11/12/99 8:30	1026.50	30.31	0.674	118.90	246.02	514.38			
11/12/99 8:45	1026.75	30.32	0.677	119.42	246.96	515.88			
11/12/99 9:00	1026.88	30.32	0.676	119.68	247.43	515.75	515.71		
11/12/99 9:15	1027.00	30.33	0.678	120.21	248.37	516.79			
11/12/99 9:30	1026.88	30.32	0.674	120.73	249.31	515.75			
11/12/99 9:45	1026.63	30.32	0.677	120.99	249.78	516.94			
11/12/99 10:00	1026.75	30.32	0.678	121.77	251.19	517.88	517.40		
11/12/99 10:15	1026.63	30.32	0.679	122.30	252.13	518.75			
11/12/99 10:30	1026.63	30.32	0.676	122.56	252.60	517.69			
11/12/99 10:45	1026.50	30.31	0.679	122.82	253.07	518.85			
11/12/99 11:00	1026.50	30.31	0.676	123.08	253.54	517.84	518.84		
11/12/99 11:15	1026.13	30.30	0.679	123.60	254.48	519.73			
11/12/99 11:30	1025.88	30.29	0.678	123.60	254.48	519.07			
11/12/99 11:45	1025.75	30.29	0.676	124.13	255.43	518.71			
11/12/99 12:00	1025.38	30.28	0.676	124.39	255.90	519.21	518.87		
11/12/99 12:15	1025.00	30.27	0.674	124.65	256.37	518.78			
11/12/99 12:30	1024.75	30.26	0.674	124.65	256.37	518.57			
11/12/99 12:45	1024.50	30.25	0.676	124.91	256.84	519.77			
11/12/99 13:00	1024.38	30.25	0.673	124.91	256.84	518.61	519.36		
11/12/99 13:15	1024.25	30.25	0.676	124.91	256.84	519.60			
11/12/99 13:30	1024.00	30.24	0.677	125.17	257.31	520.33			
11/12/99 13:45	1023.63	30.23	0.678	125.17	257.31	520.68			
11/12/99 14:00	1023.50	30.22	0.674	125.17	257.31	519.50	519.93		
11/12/99 14:15	1023.13	30.21	0.674	125.17	257.31	519.60			
11/12/99 14:30	1023.25	30.22	0.674	125.17	257.31	519.56			
11/12/99 14:45	1023.13	30.21	0.674	125.17	257.31	519.60			
11/12/99 15:00	1023.00	30.21	0.672	125.17	257.31	518.66	519.34		
11/12/99 15:15	1023.13	30.21	0.674	125.43	257.78	519.77			
11/12/99 15:30	1023.13	30.21	0.673	125.17	257.31	519.09			
11/12/99 15:45	1023.13	30.21	0.674	125.17	257.31	519.33			
11/12/99 16:00	1023.00	30.21	0.673	124.91	256.84	518.96	518.96		
11/12/99 16:15	1023.00	30.21	0.673	124.65	256.37	518.79			
11/12/99 16:30	1022.88	30.21	0.673	124.39	255.90	518.65			
11/12/99 16:45	1022.88	30.21	0.676	124.39	255.90	519.84			
11/12/99 17:00	1022.88	30.21	0.673	124.39	255.90	518.42	516.92		
11/12/99 17:15	1022.75	30.20	0.674	124.39	255.90	519.18			
11/12/99 17:30	1022.63	30.20	0.673	124.13	255.43	518.54			
11/12/99 17:45	1022.63	30.20	0.671	123.86	254.95	517.41			
11/12/99 18:00	1022.75	30.20	0.672	123.60	254.48	517.70	517.99		
11/12/99 18:15	1022.88	30.21	0.673	123.60	254.48	518.14			
11/12/99 18:30	1023.00	30.21	0.674	123.34	254.01	518.16			
11/12/99 18:45	1023.25	30.22	0.672	123.08	253.54	517.24			
11/12/99 19:00	1023.13	30.21	0.671	122.82	253.07	516.83	517.12		
11/12/99 19:15	1023.00	30.21	0.671	122.56	252.60	516.46			
11/12/99 19:30	1023.13	30.21	0.672	122.56	252.60	516.93			
11/12/99 19:45	1023.00	30.21	0.671	122.03	251.66	518.12			
11/12/99 20:00	1023.00	30.21	0.673	121.77	251.19	516.66	516.50		
11/12/99 20:15	1022.75	30.20	0.671	121.77	251.19	516.24			
11/12/99 20:30	1022.75	30.20	0.672	121.77	251.19	516.51			
11/12/99 20:45	1022.75	30.20	0.669	121.77	251.19	515.28			
11/12/99 21:00	1022.75	30.20	0.671	122.03	251.66	516.18	516.38		
11/12/99 21:15	1022.88	30.21	0.673	122.56	252.60	517.45			
11/12/99 21:30	1022.88	30.21	0.671	122.56	252.60	516.49			
11/12/99 21:45	1022.88	30.21	0.671	122.56	252.60	516.72			
11/12/99 22:00	1022.88	30.21	0.673	122.56	252.60	517.22	516.75		
11/12/99 22:15	1022.63	30.20	0.671	122.56	252.60	516.55			
11/12/99 22:30	1022.75	30.20	0.671	122.56	252.60	516.75			
11/12/99 22:45	1022.63	30.20	0.671	121.77	251.19	516.04			
11/12/99 23:00	1022.50	30.19	0.669	121.77	251.19	515.61	516.35		
11/12/99 23:15	1022.38	30.19	0.673	121.77	251.19	517.07			
11/12/99 23:30	1022.25	30.19	0.672	121.25	250.25	516.30			
11/12/99 23:45	1022.38	30.19	0.669	120.99	249.78	514.86			
11/13/99 0:00	1022.50	30.19	0.669	120.99	249.78	515.10	515.33		
11/13/99 0:15	1022.25	30.19	0.668	120.99	249.78	514.86			
11/13/99 0:30	1022.13	30.18	0.671	120.73	249.31	515.72			
11/13/99 0:45	1022.00	30.18	0.668	120.73	249.31	514.32			
11/13/99 1:00	1022.00	30.18	0.669	120.73	249.31	515.06	515.23		
11/13/99 1:15	1021.88	30.18	0.669	120.73	249.31	515.09			
11/13/99 1:30	1021.88	30.18	0.671	120.99	249.78	515.95			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/13/99 1:45	1021.75	30.17	0.669	120.99	249.78	515.29			
11/13/99 2:00	1021.88	30.18	0.670	120.99	249.78	515.49	515.28		
11/13/99 2:15	1021.75	30.17	0.669	120.99	249.78	515.02			
11/13/99 2:30	1021.88	30.18	0.669	120.47	248.84	514.65			
11/13/99 2:45	1021.88	30.18	0.669	120.47	248.84	514.65			
11/13/99 3:00	1021.63	30.17	0.668	120.21	248.37	514.31	514.50		
11/13/99 3:15	1021.63	30.17	0.669	120.21	248.37	514.61			
11/13/99 3:30	1021.50	30.16	0.668	120.21	248.37	514.11			
11/13/99 3:45	1021.50	30.16	0.671	120.21	248.37	515.30			
11/13/99 4:00	1021.38	30.16	0.669	120.21	248.37	514.87	514.51		
11/13/99 4:15	1021.25	30.16	0.668	119.94	247.90	514.00			
11/13/99 4:30	1021.25	30.16	0.669	119.88	247.43	514.29			
11/13/99 4:45	1021.38	30.16	0.668	119.94	247.90	513.97			
11/13/99 5:00	1021.25	30.16	0.666	119.94	247.90	513.50	513.96		
11/13/99 5:15	1021.25	30.16	0.668	120.21	248.37	514.40			
11/13/99 5:30	1021.38	30.16	0.668	120.21	248.37	513.84			
11/13/99 5:45	1021.38	30.16	0.668	120.47	248.84	514.31			
11/13/99 6:00	1021.38	30.16	0.671	120.47	248.84	515.50	514.35		
11/13/99 6:15	1021.38	30.16	0.668	120.21	248.37	514.37			
11/13/99 6:30	1021.25	30.16	0.667	120.21	248.37	513.94			
11/13/99 6:45	1021.25	30.16	0.667	120.21	248.37	513.94			
11/13/99 7:00	1021.25	30.16	0.668	119.94	247.90	514.00	514.04		
11/13/99 7:15	1021.25	30.16	0.669	120.21	248.37	514.63			
11/13/99 7:30	1021.25	30.16	0.666	120.21	248.37	513.67			
11/13/99 7:45	1021.13	30.15	0.666	120.73	249.31	514.04			
11/13/99 8:00	1021.13	30.15	0.668	120.99	249.78	514.71	514.06		
11/13/99 8:15	1021.25	30.16	0.664	121.25	250.25	513.39			
11/13/99 8:30	1021.38	30.16	0.666	121.51	250.72	514.49			
11/13/99 8:45	1021.25	30.16	0.667	121.77	251.19	514.96			
11/13/99 9:00	1021.25	30.16	0.665	122.30	252.13	514.57	515.13		
11/13/99 9:15	1021.25	30.16	0.667	122.56	252.60	515.47			
11/13/99 9:30	1021.13	30.15	0.668	122.82	253.07	516.14			
11/13/99 9:45	1021.00	30.15	0.667	123.08	253.54	515.88			
11/13/99 10:00	1020.88	30.15	0.668	123.34	254.01	516.54	516.46		
11/13/99 10:15	1020.75	30.14	0.668	123.86	254.95	516.68			
11/13/99 10:30	1020.75	30.14	0.668	124.13	255.43	517.08			
11/13/99 10:45	1020.63	30.14	0.667	124.39	255.90	516.82			
11/13/99 11:00	1020.25	30.13	0.668	124.65	256.37	517.32	517.42		
11/13/99 11:15	1020.13	30.12	0.668	124.91	256.84	517.52			
11/13/99 11:30	1020.00	30.12	0.669	125.43	257.76	518.36			
11/13/99 11:45	1019.75	30.11	0.666	125.69	258.25	517.62			
11/13/99 12:00	1019.50	30.11	0.669	126.22	259.19	518.99	518.51		
11/13/99 12:15	1019.00	30.09	0.667	126.48	259.66	518.59			
11/13/99 12:30	1018.75	30.08	0.667	127.00	260.60	518.99			
11/13/99 12:45	1018.38	30.07	0.664	127.26	261.07	518.28			
11/13/99 13:00	1018.00	30.06	0.668	127.52	261.54	519.99	519.52		
11/13/99 13:15	1017.75	30.05	0.667	128.04	262.48	519.93			
11/13/99 13:30	1017.50	30.05	0.668	128.31	262.95	520.39			
11/13/99 13:45	1017.13	30.04	0.665	128.31	262.95	519.51			
11/13/99 14:00	1016.75	30.02	0.665	128.57	263.42	519.78	519.93		
11/13/99 14:15	1016.63	30.02	0.664	128.83	263.89	519.74			
11/13/99 14:30	1016.50	30.02	0.666	128.83	263.89	520.24			
11/13/99 14:45	1016.50	30.02	0.666	128.83	263.89	520.24			
11/13/99 15:00	1016.50	30.02	0.666	128.83	263.89	520.24	520.14		
11/13/99 15:15	1016.63	30.02	0.666	128.83	263.89	520.21			
11/13/99 15:30	1016.63	30.02	0.664	128.83	263.89	519.74			
11/13/99 15:45	1016.50	30.02	0.668	128.83	263.89	520.24			
11/13/99 16:00	1016.50	30.02	0.666	128.83	263.89	520.24	520.09		
11/13/99 16:15	1016.38	30.01	0.666	128.83	263.89	520.51			
11/13/99 16:30	1016.13	30.01	0.664	128.57	263.42	519.70			
11/13/99 16:45	1016.13	30.01	0.666	128.57	263.42	520.41			
11/13/99 17:00	1016.13	30.01	0.667	128.31	262.95	520.51	519.96		
11/13/99 17:15	1016.00	30.00	0.666	128.04	262.48	520.10			
11/13/99 17:30	1015.88	30.00	0.664	127.52	261.54	519.09			
11/13/99 17:45	1015.75	30.00	0.663	127.00	260.60	518.28			
11/13/99 18:00	1015.88	30.00	0.665	126.48	259.66	518.65	518.49		
11/13/99 18:15	1015.88	30.00	0.664	126.22	259.19	518.24			
11/13/99 18:30	1016.00	30.00	0.666	125.43	257.78	518.17			
11/13/99 18:45	1015.88	30.00	0.662	125.43	257.78	516.76			
11/13/99 19:00	1015.75	30.00	0.659	125.17	257.31	515.65	516.81		
11/13/99 19:15	1015.63	29.99	0.663	124.91	256.84	516.95			
11/13/99 19:30	1015.50	29.99	0.662	124.91	256.84	516.52			
11/13/99 19:45	1015.50	29.99	0.663	124.91	256.84	516.75			
11/13/99 20:00	1015.25	29.98	0.666	124.91	256.84	518.02	517.00		
11/13/99 20:15	1015.13	29.98	0.662	124.91	256.84	516.61			
11/13/99 20:30	1015.00	29.97	0.663	124.91	256.84	517.11			
11/13/99 20:45	1014.88	29.97	0.663	124.91	256.84	516.91			
11/13/99 21:00	1015.00	29.97	0.661	124.65	256.37	516.20	516.69		
11/13/99 21:15	1015.00	29.97	0.661	124.65	256.37	516.20			
11/13/99 21:30	1014.88	29.97	0.664	124.39	255.90	517.04			
11/13/99 21:45	1014.75	29.97	0.660	124.39	255.90	515.63			
11/13/99 22:00	1014.63	29.96	0.659	124.13	255.43	514.98	515.96		
11/13/99 22:15	1014.50	29.96	0.661	123.88	254.95	515.82			
11/13/99 22:30	1014.25	29.95	0.662	124.13	255.43	516.33			
11/13/99 22:45	1014.13	29.95	0.660	124.39	255.90	515.79			
11/13/99 23:00	1014.00	29.94	0.659	124.13	255.43	515.41	516.11		
11/13/99 23:15	1014.00	29.94	0.662	124.13	255.43	516.39			
11/13/99 23:30	1013.75	29.94	0.662	124.39	255.90	516.62			
11/13/99 23:45	1013.63	29.93	0.661	124.39	255.90	516.38			
11/14/99 0:00	1013.50	29.93	0.659	124.39	255.90	515.71	516.13		
11/14/99 0:15	1013.38	29.92	0.659	124.39	255.90	515.74			
11/14/99 0:30	1013.25	29.92	0.660	124.65	256.37	516.18			
11/14/99 0:45	1013.25	29.92	0.660	124.91	256.84	516.35			
11/14/99 1:00	1013.00	29.91	0.661	124.65	256.37	516.48	515.91		
11/14/99 1:15	1012.63	29.90	0.658	124.65	256.37	515.59			
11/14/99 1:30	1012.38	29.90	0.656	124.65	256.37	514.95			
11/14/99 1:45	1012.25	29.89	0.659	124.91	256.84	516.09			
11/14/99 2:00	1012.25	29.89	0.658	124.91	256.84	515.62	515.70		
11/14/99 2:15	1012.13	29.89	0.659	124.91	256.84	516.40			
11/14/99 2:30	1012.00	29.88	0.657	124.91	256.84	515.45			
11/14/99 2:45	1011.88	29.88	0.659	124.91	256.84	516.19			
11/14/99 3:00	1011.75	29.88	0.657	124.91	256.84	515.51	515.64		
11/14/99 3:15	1011.75	29.88	0.655	124.91	256.84	514.77			
11/14/99 3:30	1011.50	29.87	0.659	124.91	256.84	516.28			
11/14/99 3:45	1011.38	29.87	0.656	124.91	256.84	515.10			
11/14/99 4:00	1011.13	29.86	0.658	124.65	256.37	515.74	515.77		
11/14/99 4:15	1011.25	29.86	0.658	124.91	256.84	515.88			
11/14/99 4:30	1011.38	29.87	0.658	124.91	256.84	515.85			
11/14/99 4:45	1011.38	29.87	0.659	124.65	256.37	516.42			
11/14/99 5:00	1011.38	29.87	0.658	124.65	256.37	515.91	516.03		
11/14/99 5:15	1011.38	29.87	0.660	124.39	255.90	516.49			
11/14/99 5:30	1011.38	29.87	0.658	124.39	255.90	515.51			
11/14/99 5:45	1011.50	29.87	0.656	124.39	255.90	514.73			
11/14/99 6:00	1011.50	29.87	0.660	124.39	255.90	516.45	515.56		
11/14/99 6:15	1011.50	29.87	0.658	124.13	255.43	515.31			
11/14/99 6:30	1011.63	29.87	0.659	124.39	255.90	515.91			
11/14/99 6:45	1011.63	29.87	0.658	124.39	255.90	515.68			
11/14/99 7:00	1011.75	29.88	0.658	124.13	255.43	515.24	515.55		
11/14/99 7:15	1011.88	29.88	0.659	123.86	254.95	515.78			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/14/99 7:30	1012.13	29.89	0.659	123.34	254.01	515.11			
11/14/99 7:45	1012.25	29.89	0.658	123.60	254.48	515.01			
11/14/99 8:00	1012.63	29.90	0.658	124.39	255.90	515.19	515.48		
11/14/99 8:15	1012.75	29.91	0.658	124.91	256.84	515.73			
11/14/99 8:30	1013.00	29.91	0.659	125.17	257.31	516.35			
11/14/99 8:45	1013.13	29.92	0.658	125.43	257.78	515.97			
11/14/99 9:00	1013.38	29.92	0.658	125.43	257.78	515.91	516.37		
11/14/99 9:15	1013.50	29.93	0.661	125.95	258.72	517.20			
11/14/99 9:30	1013.63	29.93	0.659	125.95	258.72	516.42			
11/14/99 9:45	1013.75	29.94	0.658	126.22	259.19	516.32			
11/14/99 10:00	1014.00	29.94	0.659	126.48	259.66	516.94	517.08		
11/14/99 10:15	1014.25	29.95	0.661	126.74	260.13	517.75			
11/14/99 10:30	1014.38	29.95	0.662	126.74	260.13	517.99			
11/14/99 10:45	1014.63	29.96	0.660	127.00	260.60	517.35			
11/14/99 11:00	1014.75	29.97	0.661	127.00	260.60	517.79	517.92		
11/14/99 11:15	1014.88	29.97	0.664	127.00	260.60	518.73			
11/14/99 11:30	1015.00	29.97	0.661	127.00	260.60	517.72			
11/14/99 11:45	1014.88	29.97	0.663	127.26	261.07	518.43			
11/14/99 12:00	1014.88	29.97	0.662	127.26	261.07	518.20	518.16		
11/14/99 12:15	1014.88	29.97	0.659	127.26	261.07	517.22			
11/14/99 12:30	1015.00	29.97	0.664	127.78	262.01	519.21			
11/14/99 12:45	1015.00	29.97	0.663	127.78	262.01	518.74			
11/14/99 13:00	1015.13	29.98	0.662	127.78	262.01	518.47	518.96		
11/14/99 13:15	1015.25	29.98	0.664	128.04	262.48	519.31			
11/14/99 13:30	1015.38	29.98	0.663	128.04	262.48	519.05			
11/14/99 13:45	1015.25	29.98	0.666	128.04	262.48	520.29			
11/14/99 14:00	1015.38	29.98	0.663	128.31	262.95	519.22	519.49		
11/14/99 14:15	1015.50	29.99	0.663	128.31	262.95	518.95			
11/14/99 14:30	1015.50	29.99	0.665	128.31	262.95	519.93			
11/14/99 14:45	1015.63	29.99	0.662	128.31	262.95	518.68			
11/14/99 15:00	1015.50	29.99	0.664	128.04	262.48	519.52	519.17		
11/14/99 15:15	1015.75	30.00	0.663	128.04	262.48	518.72			
11/14/99 15:30	1015.88	30.00	0.664	127.78	262.01	518.99			
11/14/99 15:45	1016.13	30.01	0.665	127.78	262.01	519.43			
11/14/99 16:00	1016.50	30.02	0.664	127.26	261.07	518.49	518.43		
11/14/99 16:15	1016.75	30.02	0.663	127.00	260.60	517.79			
11/14/99 16:30	1016.75	30.02	0.663	126.48	259.66	517.45			
11/14/99 16:45	1017.00	30.03	0.663	126.22	259.19	517.22			
11/14/99 17:00	1017.25	30.04	0.666	125.69	258.25	518.02	517.22		
11/14/99 17:15	1017.50	30.05	0.663	125.43	257.78	516.82			
11/14/99 17:30	1017.63	30.05	0.663	125.17	257.31	516.61			
11/14/99 17:45	1018.00	30.06	0.663	124.91	256.84	516.12			
11/14/99 18:00	1018.25	30.07	0.665	124.65	256.37	516.88	516.23		
11/14/99 18:15	1018.75	30.08	0.663	124.39	255.90	515.59			
11/14/99 18:30	1019.00	30.09	0.664	124.39	255.90	515.99			
11/14/99 18:45	1019.25	30.10	0.666	124.39	255.90	516.90			
11/14/99 19:00	1019.50	30.11	0.663	124.13	255.43	515.46	516.15		
11/14/99 19:15	1019.88	30.12	0.666	123.88	254.95	516.17			
11/14/99 19:30	1019.88	30.12	0.666	123.60	254.48	516.23			
11/14/99 19:45	1020.13	30.12	0.668	123.60	254.48	516.67			
11/14/99 20:00	1020.13	30.12	0.666	123.34	254.01	515.76	515.84		
11/14/99 20:15	1020.38	30.13	0.664	123.08	253.54	514.60			
11/14/99 20:30	1020.38	30.13	0.666	123.08	253.54	515.76			
11/14/99 20:45	1020.38	30.13	0.667	123.08	253.54	516.03			
11/14/99 21:00	1020.38	30.13	0.666	122.82	253.07	515.59	515.65		
11/14/99 21:15	1020.38	30.13	0.669	122.56	252.60	516.39			
11/14/99 21:30	1020.25	30.13	0.664	122.56	252.60	514.49			
11/14/99 21:45	1020.25	30.13	0.668	122.56	252.60	515.96			
11/14/99 22:00	1020.75	30.14	0.667	122.30	252.13	515.43	514.86		
11/14/99 22:15	1021.00	30.15	0.666	122.03	251.66	514.89			
11/14/99 22:30	1021.25	30.16	0.664	121.77	251.19	513.73			
11/14/99 22:45	1021.25	30.16	0.669	121.51	250.72	515.49			
11/14/99 23:00	1021.38	30.16	0.668	121.51	250.72	515.22	514.53		
11/14/99 23:15	1021.50	30.16	0.664	121.77	251.19	513.93			
11/14/99 23:30	1021.63	30.17	0.666	121.25	250.25	514.26			
11/14/99 23:45	1021.38	30.16	0.668	120.99	249.78	514.65			
11/15/99 0:00	1021.25	30.16	0.665	120.99	249.78	513.72	513.96		
11/15/99 0:15	1021.38	30.16	0.666	120.73	249.31	513.75			
11/15/99 0:30	1021.38	30.16	0.666	120.21	248.37	513.41			
11/15/99 0:45	1021.13	30.15	0.665	119.94	247.90	513.07			
11/15/99 1:00	1021.13	30.15	0.666	119.68	247.43	513.36	513.37		
11/15/99 1:15	1021.13	30.15	0.665	119.68	247.43	512.90			
11/15/99 1:30	1021.25	30.16	0.666	121.25	250.25	514.12			
11/15/99 1:45	1021.38	30.16	0.666	121.51	250.72	514.49			
11/15/99 2:00	1021.25	30.16	0.664	120.47	248.84	513.15	513.69		
11/15/99 2:15	1021.13	30.15	0.664	119.94	247.90	512.84			
11/15/99 2:30	1021.13	30.15	0.666	120.47	248.84	513.87			
11/15/99 2:45	1021.13	30.15	0.668	120.99	249.78	514.95			
11/15/99 3:00	1021.00	30.15	0.666	121.25	250.25	514.18	514.53		
11/15/99 3:15	1021.00	30.15	0.668	121.51	250.72	515.09			
11/15/99 3:30	1021.00	30.15	0.666	121.51	250.72	514.59			
11/15/99 3:45	1020.88	30.15	0.664	121.25	250.25	513.75			
11/15/99 4:00	1020.88	30.15	0.668	120.99	249.78	514.78	514.15		
11/15/99 4:15	1020.88	30.15	0.666	120.99	249.78	514.04			
11/15/99 4:30	1020.88	30.15	0.666	119.94	247.90	513.59			
11/15/99 4:45	1020.75	30.14	0.665	120.47	248.84	513.50			
11/15/99 5:00	1020.75	30.14	0.666	121.25	250.25	514.25	513.70		
11/15/99 5:15	1020.88	30.15	0.666	120.73	249.31	513.87			
11/15/99 5:30	1020.88	30.15	0.665	120.21	248.37	513.30			
11/15/99 5:45	1020.75	30.14	0.667	121.25	250.25	514.75			
11/15/99 6:00	1020.88	30.15	0.664	120.21	248.37	513.07	513.56		
11/15/99 6:15	1021.00	30.15	0.666	120.21	248.37	513.50			
11/15/99 6:30	1021.13	30.15	0.664	120.47	248.84	513.18			
11/15/99 6:45	1021.25	30.16	0.666	120.21	248.37	513.67			
11/15/99 7:00	1021.25	30.16	0.665	120.21	248.37	513.21	513.54		
11/15/99 7:15	1021.25	30.16	0.667	120.99	249.78	514.45			
11/15/99 7:30	1021.25	30.16	0.664	120.99	249.78	513.22			
11/15/99 7:45	1021.25	30.16	0.664	120.73	249.31	513.05			
11/15/99 8:00	1021.00	30.15	0.668	121.25	250.25	514.92	514.00		
11/15/99 8:15	1021.13	30.15	0.667	121.25	250.25	514.65			
11/15/99 8:30	1021.25	30.16	0.666	120.99	249.78	514.18			
11/15/99 8:45	1021.13	30.15	0.665	120.47	248.84	513.41			
11/15/99 9:00	1021.13	30.15	0.666	120.21	248.37	513.47	513.27		
11/15/99 9:15	1021.13	30.15	0.663	120.21	248.37	512.51			
11/15/99 9:30	1021.00	30.15	0.664	120.21	248.37	512.77			
11/15/99 9:45	1021.00	30.15	0.664	120.21	248.37	513.04			
11/15/99 10:00	1020.88	30.15	0.666	120.73	249.31	514.11	515.07		
11/15/99 10:15	1020.88	30.15	0.691	119.18	246.49	522.82			
11/15/99 10:30	1020.75	30.14	0.662	121.25	250.25	512.82			
11/15/99 10:45	1020.50	30.14	0.661	121.77	251.19	512.71			
11/15/99 11:00	1020.63	30.14	0.663	121.77	251.19	513.42	513.42		
11/15/99 11:15	1020.63	30.14	0.663	122.03	251.66	513.62			
11/15/99 11:30	1020.50	30.14	0.664	122.03	251.66	514.38			
11/15/99 11:45	1020.25	30.13	0.663	122.03	251.66	513.92			
11/15/99 12:00	1020.00	30.12	0.664	122.58	252.60	514.55	514.52		
11/15/99 12:15	1019.75	30.11	0.664	122.58	252.60	514.88			
11/15/99 12:30	1019.38	30.10	0.664	122.82	253.07	514.88			
11/15/99 12:45	1019.25	30.10	0.663	122.82	253.07	514.68			
11/15/99 13:00	1018.88	30.09	0.664	123.08	253.54	515.17	515.12		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/15/99 13:15	1018.75	30.08	0.664	123.08	253.54	515.48			
11/15/99 13:30	1018.50	30.08	0.663	123.60	254.48	515.38			
11/15/99 13:45	1018.38	30.07	0.664	123.60	254.48	515.91			
11/15/99 14:00	1018.13	30.07	0.663	123.60	254.48	515.47	515.75		
11/15/99 14:15	1018.00	30.06	0.663	123.60	254.48	515.50			
11/15/99 14:30	1017.75	30.05	0.665	123.86	254.95	516.47			
11/15/99 14:45	1017.63	30.05	0.663	123.86	254.95	515.77			
11/15/99 15:00	1017.38	30.04	0.660	124.13	255.43	514.79	515.15		
11/15/99 15:15	1017.25	30.04	0.659	124.13	255.43	514.59			
11/15/99 15:30	1017.25	30.04	0.659	123.86	254.95	514.15			
11/15/99 15:45	1017.50	30.05	0.659	123.60	254.48	514.19			
11/15/99 16:00	1017.38	30.04	0.661	123.60	254.48	514.92	514.77		
11/15/99 16:15	1017.25	30.04	0.662	123.60	254.48	515.23			
11/15/99 16:30	1017.00	30.03	0.663	123.34	254.01	515.35			
11/15/99 16:45	1016.88	30.03	0.664	123.34	254.01	515.85			
11/15/99 17:00	1016.88	30.03	0.662	123.08	253.54	514.98	515.21		
11/15/99 17:15	1016.88	30.03	0.663	123.08	253.54	515.21			
11/15/99 17:30	1016.75	30.02	0.662	122.56	252.60	514.87			
11/15/99 17:45	1016.75	30.02	0.662	121.77	251.19	514.16			
11/15/99 18:00	1016.75	30.02	0.663	121.25	250.25	514.06	513.65		
11/15/99 18:15	1016.75	30.02	0.659	120.73	249.31	512.24			
11/15/99 18:30	1016.88	30.03	0.662	120.21	248.37	513.11			
11/15/99 18:45	1016.75	30.02	0.661	119.94	247.90	512.47			
11/15/99 19:00	1016.63	30.02	0.661	119.66	247.43	512.58	512.54		
11/15/99 19:15	1016.50	30.02	0.663	119.68	247.43	513.10			
11/15/99 19:30	1016.38	30.01	0.659	119.42	246.96	511.48			
11/15/99 19:45	1016.38	30.01	0.659	119.16	246.49	511.31			
11/15/99 20:00	1016.25	30.01	0.663	119.16	246.49	513.05	511.64		
11/15/99 20:15	1016.25	30.01	0.658	118.90	246.02	510.94			
11/15/99 20:30	1016.25	30.01	0.662	118.90	246.02	512.42			
11/15/99 20:45	1016.25	30.01	0.660	118.64	245.55	511.51			
11/15/99 21:00	1016.13	30.01	0.662	118.38	245.08	512.11	511.91		
11/15/99 21:15	1016.13	30.01	0.660	118.38	245.08	511.37			
11/15/99 21:30	1016.00	30.00	0.662	118.38	245.08	512.14			
11/15/99 21:45	1016.00	30.00	0.660	118.90	246.02	511.74			
11/15/99 22:00	1016.00	30.00	0.660	119.16	246.49	511.91	512.02		
11/15/99 22:15	1016.13	30.01	0.659	119.42	246.96	511.82			
11/15/99 22:30	1016.00	30.00	0.661	119.68	247.43	512.49			
11/15/99 22:45	1016.00	30.00	0.661	119.68	247.43	512.72			
11/15/99 23:00	1016.00	30.00	0.659	119.68	247.43	511.75	512.26		
11/15/99 23:15	1015.88	30.00	0.659	119.68	247.43	512.05			
11/15/99 23:30	1015.88	30.00	0.660	119.88	247.43	512.28			
11/15/99 23:45	1015.88	30.00	0.661	119.88	247.43	512.75			
11/16/99 0:00	1015.88	30.00	0.663	119.88	247.43	513.25	512.73		
11/16/99 0:15	1016.13	30.01	0.661	119.88	247.43	512.69			
11/16/99 0:30	1016.13	30.01	0.661	119.68	247.43	512.69			
11/16/99 0:45	1016.13	30.01	0.663	119.68	247.43	513.19			
11/16/99 1:00	1016.00	30.00	0.662	119.42	246.96	512.82	512.63		
11/16/99 1:15	1016.00	30.00	0.660	119.42	246.96	512.08			
11/16/99 1:30	1015.88	30.00	0.661	119.42	246.96	512.35			
11/16/99 1:45	1016.00	30.00	0.660	119.42	246.96	512.08			
11/16/99 2:00	1016.13	30.01	0.661	119.16	246.49	512.35	512.23		
11/16/99 2:15	1016.25	30.01	0.661	119.16	246.49	512.08			
11/16/99 2:30	1016.38	30.01	0.661	119.16	246.49	512.28			
11/16/99 2:45	1016.50	30.02	0.664	119.16	246.49	513.22			
11/16/99 3:00	1016.50	30.02	0.663	119.16	246.49	512.76	512.58		
11/16/99 3:15	1016.50	30.02	0.660	119.16	246.49	511.79			
11/16/99 3:30	1016.50	30.02	0.663	119.16	246.49	512.76			
11/16/99 3:45	1016.50	30.02	0.661	119.16	246.49	512.02			
11/16/99 4:00	1016.63	30.02	0.660	118.90	246.02	511.59	512.00		
11/16/99 4:15	1016.75	30.02	0.661	118.90	246.02	512.02			
11/16/99 4:30	1016.75	30.02	0.661	118.64	245.55	511.62			
11/16/99 4:45	1016.88	30.03	0.661	118.38	245.08	511.65			
11/16/99 5:00	1016.88	30.03	0.661	118.38	245.08	511.41	511.45		
11/16/99 5:15	1016.88	30.03	0.660	118.38	245.08	511.18			
11/16/99 5:30	1017.00	30.03	0.661	118.38	245.08	511.38			
11/16/99 5:45	1017.25	30.04	0.662	118.38	245.08	511.82			
11/16/99 6:00	1017.38	30.04	0.661	118.12	244.61	511.35	511.34		
11/16/99 6:15	1017.50	30.05	0.661	118.12	244.61	511.09			
11/16/99 6:30	1017.63	30.05	0.661	118.12	244.61	511.05			
11/16/99 6:45	1017.75	30.05	0.664	119.68	247.43	513.52			
11/16/99 7:00	1017.75	30.05	0.663	119.16	246.49	512.44	511.95		
11/16/99 7:15	1017.68	30.06	0.663	118.64	245.55	512.07			
11/16/99 7:30	1018.00	30.06	0.659	118.38	245.08	510.67			
11/16/99 7:45	1018.13	30.07	0.663	119.94	247.90	513.09			
11/16/99 8:00	1018.25	30.07	0.664	121.25	250.25	514.14	513.47		
11/16/99 8:15	1018.25	30.07	0.666	121.51	250.72	515.05			
11/16/99 8:30	1018.50	30.08	0.665	120.99	249.78	514.41			
11/16/99 8:45	1018.63	30.08	0.663	120.47	248.84	513.30			
11/16/99 9:00	1018.88	30.09	0.662	119.94	247.90	512.44	512.93		
11/16/99 9:15	1019.00	30.09	0.660	119.68	247.43	511.50			
11/16/99 9:30	1019.13	30.09	0.663	120.21	248.37	513.01			
11/16/99 9:45	1019.25	30.10	0.667	120.47	248.84	514.82			
11/16/99 10:00	1019.25	30.10	0.662	120.21	248.37	512.51	513.12		
11/16/99 10:15	1019.25	30.10	0.663	120.21	248.37	512.74			
11/16/99 10:30	1019.25	30.10	0.663	120.21	248.37	512.74			
11/16/99 10:45	1019.38	30.10	0.662	120.73	249.31	512.82			
11/16/99 11:00	1019.50	30.11	0.662	120.99	249.78	512.96	513.19		
11/16/99 11:15	1019.38	30.10	0.663	120.99	249.78	513.22			
11/16/99 11:30	1019.25	30.10	0.665	120.99	249.78	514.22			
11/16/99 11:45	1019.25	30.10	0.663	121.25	250.25	513.42			
11/16/99 12:00	1019.13	30.09	0.663	120.99	249.78	513.29	513.27		
11/16/99 12:15	1019.00	30.09	0.663	121.51	250.72	513.89			
11/16/99 12:30	1019.00	30.09	0.658	121.25	250.25	511.55			
11/16/99 12:45	1019.13	30.09	0.660	121.77	251.19	512.83			
11/16/99 13:00	1019.25	30.10	0.663	121.25	250.25	513.66	513.31		
11/16/99 13:15	1019.00	30.09	0.663	122.03	251.66	514.23			
11/16/99 13:30	1018.75	30.08	0.663	122.03	251.66	514.29			
11/16/99 13:45	1018.68	30.09	0.663	122.30	252.13	514.20			
11/16/99 14:00	1019.00	30.09	0.661	122.56	252.60	513.60	514.36		
11/16/99 14:15	1019.00	30.09	0.663	122.82	253.07	514.74			
11/16/99 14:30	1019.00	30.09	0.664	122.82	253.07	514.97			
11/16/99 14:45	1018.88	30.09	0.661	122.82	253.07	514.03			
11/16/99 15:00	1018.88	30.09	0.663	122.82	253.07	514.54	514.49		
11/16/99 15:15	1018.88	30.09	0.663	123.08	253.54	514.94			
11/16/99 15:30	1019.13	30.09	0.661	122.82	253.07	513.97			
11/16/99 15:45	1019.13	30.09	0.663	122.82	253.07	514.71			
11/16/99 16:00	1019.13	30.09	0.662	122.56	252.60	514.07	514.41		
11/16/99 16:15	1019.25	30.10	0.664	122.56	252.60	514.74			
11/16/99 16:30	1019.38	30.10	0.664	122.30	252.13	514.54			
11/16/99 16:45	1019.38	30.10	0.665	122.30	252.13	515.04			
11/16/99 17:00	1019.25	30.10	0.663	122.03	251.66	513.93	514.05		
11/16/99 17:15	1019.38	30.10	0.663	121.51	250.72	513.56			
11/16/99 17:30	1019.50	30.11	0.663	120.99	249.78	513.19			
11/16/99 17:45	1019.63	30.11	0.661	120.73	249.31	512.25			
11/16/99 18:00	1019.75	30.11	0.664	121.25	250.25	513.76	512.89		
11/16/99 18:15	1019.88	30.12	0.664	120.99	249.78	513.83			
11/16/99 18:30	1020.00	30.12	0.660	119.94	247.90	511.42			
11/16/99 18:45	1020.13	30.12	0.661	119.42	246.96	511.51			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/16/99 19:00	1020.38	30.13	0.664	120.73	249.31	513.27	512.72		
11/16/99 19:15	1020.38	30.13	0.665	121.25	250.25	514.11			
11/16/99 19:30	1020.63	30.14	0.663	121.25	250.25	513.31			
11/16/99 19:45	1020.63	30.14	0.666	121.25	250.25	514.51			
11/16/99 20:00	1020.63	30.14	0.666	120.73	249.31	513.94	513.79		
11/16/99 20:15	1020.63	30.14	0.666	120.99	249.78	514.34			
11/16/99 20:30	1020.75	30.14	0.663	120.99	249.78	512.88			
11/16/99 20:45	1020.75	30.14	0.665	120.73	249.31	513.67			
11/16/99 21:00	1020.88	30.15	0.665	120.73	249.31	513.64	513.10		
11/16/99 21:15	1020.88	30.15	0.663	120.73	249.31	512.68			
11/16/99 21:30	1021.00	30.15	0.663	120.73	249.31	512.64			
11/16/99 21:45	1021.00	30.15	0.665	120.99	249.78	513.78			
11/16/99 22:00	1021.13	30.15	0.663	119.42	246.96	511.76	513.14		
11/16/99 22:15	1021.13	30.15	0.665	120.73	249.31	513.58			
11/16/99 22:30	1021.25	30.16	0.667	120.21	248.37	513.94			
11/16/99 22:45	1021.25	30.16	0.664	120.73	249.31	513.32			
11/16/99 23:00	1021.38	30.18	0.664	120.73	249.31	513.29	513.70		
11/16/99 23:15	1021.50	30.18	0.666	120.47	248.84	513.78			
11/16/99 23:30	1021.63	30.17	0.667	120.73	249.31	514.19			
11/16/99 23:45	1021.75	30.17	0.666	120.21	248.37	513.54			
11/17/99 0:00	1021.75	30.17	0.666	120.21	248.37	513.31	513.60		
11/17/99 0:15	1021.75	30.17	0.665	120.73	249.31	513.42			
11/17/99 0:30	1021.75	30.17	0.666	120.21	248.37	513.54			
11/17/99 0:45	1021.75	30.17	0.665	120.47	248.84	513.25			
11/17/99 1:00	1021.63	30.17	0.663	120.47	248.84	512.32	512.89		
11/17/99 1:15	1021.75	30.17	0.664	120.47	248.84	512.75			
11/17/99 1:30	1021.75	30.17	0.664	120.21	248.37	512.58			
11/17/99 1:45	1021.75	30.17	0.662	119.42	246.96	511.37			
11/17/99 2:00	1022.00	30.18	0.665	119.68	247.43	512.68	512.38		
11/17/99 2:15	1022.13	30.18	0.663	120.21	248.37	512.25			
11/17/99 2:30	1022.38	30.19	0.665	120.21	248.37	512.93			
11/17/99 2:45	1022.50	30.19	0.668	120.47	248.84	514.26			
11/17/99 3:00	1022.50	30.19	0.668	120.47	248.84	514.03	513.74		
11/17/99 3:15	1022.50	30.19	0.666	120.21	248.37	514.09			
11/17/99 3:30	1022.38	30.19	0.666	120.21	248.37	513.39			
11/17/99 3:45	1022.25	30.19	0.665	120.21	248.37	512.96			
11/17/99 4:00	1022.50	30.19	0.663	119.42	246.96	511.65	512.54		
11/17/99 4:15	1022.50	30.19	0.664	119.94	247.90	512.22			
11/17/99 4:30	1022.63	30.20	0.664	119.94	247.90	512.46			
11/17/99 4:45	1022.75	30.20	0.663	119.94	247.90	511.93			
11/17/99 5:00	1022.88	30.21	0.666	119.94	247.90	512.86	512.54		
11/17/99 5:15	1023.00	30.21	0.666	119.94	247.90	512.83			
11/17/99 5:30	1023.00	30.21	0.665	119.94	247.90	512.60			
11/17/99 5:45	1023.13	30.21	0.663	119.94	247.90	511.83			
11/17/99 6:00	1023.25	30.22	0.665	119.68	247.43	512.37	512.01		
11/17/99 6:15	1023.25	30.22	0.663	118.64	245.55	510.95			
11/17/99 6:30	1023.50	30.22	0.665	119.68	247.43	512.30			
11/17/99 6:45	1023.88	30.23	0.667	119.94	247.90	513.11			
11/17/99 7:00	1023.88	30.23	0.664	119.68	247.43	511.98	512.51		
11/17/99 7:15	1023.88	30.23	0.666	119.94	247.90	512.84			
11/17/99 7:30	1023.88	30.23	0.664	120.21	248.37	512.32			
11/17/99 7:45	1024.13	30.24	0.666	119.42	246.96	512.44			
11/17/99 8:00	1024.13	30.24	0.663	119.16	246.49	511.07	512.11		
11/17/99 8:15	1024.63	30.26	0.666	119.42	246.96	512.31			
11/17/99 8:30	1024.63	30.26	0.666	119.94	247.90	512.42			
11/17/99 8:45	1024.63	30.26	0.665	120.21	248.37	512.38			
11/17/99 9:00	1024.63	30.26	0.665	119.68	247.43	512.02	512.34		
11/17/99 9:15	1024.75	30.26	0.665	120.21	248.37	512.33			
11/17/99 9:30	1024.75	30.26	0.666	120.21	248.37	512.56			
11/17/99 9:45	1024.75	30.26	0.665	119.94	247.90	512.16			
11/17/99 10:00	1024.88	30.26	0.666	120.21	248.37	512.53	512.08		
11/17/99 10:15	1025.00	30.27	0.664	119.68	247.43	511.43			
11/17/99 10:30	1025.00	30.27	0.664	119.68	247.43	511.70			
11/17/99 10:45	1025.00	30.27	0.664	119.68	247.43	511.43			
11/17/99 11:00	1025.00	30.27	0.664	119.68	247.43	511.70	511.34		
11/17/99 11:15	1025.00	30.27	0.661	119.68	247.43	510.23			
11/17/99 11:30	1024.75	30.26	0.664	119.94	247.90	511.66			
11/17/99 11:45	1024.63	30.26	0.665	120.21	248.37	512.38			
11/17/99 12:00	1024.25	30.25	0.663	120.21	248.37	511.49	511.80		
11/17/99 12:15	1024.13	30.24	0.663	120.21	248.37	511.75			
11/17/99 12:30	1023.75	30.23	0.662	120.73	249.31	511.72			
11/17/99 12:45	1023.50	30.22	0.664	120.99	249.78	512.65			
11/17/99 13:00	1023.50	30.22	0.664	121.51	250.72	513.26	512.63		
11/17/99 13:15	1023.50	30.22	0.663	121.77	251.19	512.93			
11/17/99 13:30	1023.38	30.22	0.661	122.30	252.13	512.56			
11/17/99 13:45	1023.13	30.21	0.663	122.30	252.13	513.13			
11/17/99 14:00	1022.75	30.20	0.662	122.56	252.60	513.16	513.29		
11/17/99 14:15	1023.00	30.21	0.664	123.08	253.54	514.13			
11/17/99 14:30	1023.00	30.21	0.662	123.08	253.54	513.44			
11/17/99 14:45	1023.13	30.21	0.665	123.08	253.54	514.61			
11/17/99 15:00	1022.88	30.21	0.664	123.08	253.54	514.17	514.04		
11/17/99 15:15	1022.88	30.21	0.663	123.34	254.01	514.10			
11/17/99 15:30	1022.88	30.21	0.663	123.34	254.01	513.87			
11/17/99 15:45	1023.00	30.21	0.664	123.34	254.01	514.30			
11/17/99 16:00	1022.88	30.21	0.661	123.08	253.54	512.96	513.80		
11/17/99 16:15	1022.38	30.19	0.663	123.08	253.54	514.06			
11/17/99 16:30	1022.13	30.18	0.663	122.56	252.60	513.78			
11/17/99 16:45	1022.00	30.18	0.662	122.56	252.60	513.35			
11/17/99 17:00	1021.75	30.17	0.661	122.30	252.13	512.97	512.54		
11/17/99 17:15	1021.88	30.18	0.659	121.51	250.72	511.46			
11/17/99 17:30	1021.88	30.18	0.659	120.99	249.78	511.12			
11/17/99 17:45	1022.00	30.18	0.660	120.21	248.37	511.09			
11/17/99 18:00	1022.13	30.18	0.660	119.94	247.90	510.89	510.81		
11/17/99 18:15	1022.00	30.18	0.661	119.68	247.43	510.98			
11/17/99 18:30	1021.88	30.18	0.658	119.94	247.90	509.98			
11/17/99 18:45	1021.75	30.17	0.660	119.94	247.90	510.98			
11/17/99 19:00	1021.75	30.17	0.659	119.16	246.49	510.24	510.73		
11/17/99 19:15	1021.88	30.18	0.661	119.68	247.43	511.24			
11/17/99 19:30	1021.75	30.17	0.661	119.94	247.90	511.21			
11/17/99 19:45	1021.75	30.17	0.661	120.21	248.37	511.38			
11/17/99 20:00	1021.75	30.17	0.660	119.42	246.96	510.64	510.42		
11/17/99 20:15	1021.88	30.18	0.655	118.64	245.55	508.16			
11/17/99 20:30	1022.00	30.18	0.661	118.90	246.02	510.70			
11/17/99 20:45	1022.00	30.18	0.658	119.42	246.96	509.61			
11/17/99 21:00	1022.13	30.18	0.660	119.94	247.90	510.89	510.87		
11/17/99 21:15	1022.13	30.18	0.663	119.94	247.90	511.85			
11/17/99 21:30	1022.00	30.18	0.662	119.42	246.96	511.31			
11/17/99 21:45	1022.13	30.18	0.658	118.38	245.08	508.90			
11/17/99 22:00	1022.25	30.19	0.660	117.85	244.14	509.50	510.34		
11/17/99 22:15	1022.25	30.19	0.661	118.90	246.02	510.41			
11/17/99 22:30	1022.25	30.19	0.662	119.94	247.90	511.59			
11/17/99 22:45	1022.25	30.19	0.660	119.42	246.96	510.52			
11/17/99 23:00	1022.00	30.18	0.662	119.68	247.43	511.48	511.18		
11/17/99 23:15	1022.00	30.18	0.663	119.94	247.90	511.88			
11/17/99 23:30	1021.88	30.18	0.660	119.16	246.49	510.44			
11/17/99 23:45	1022.00	30.18	0.661	119.68	247.43	510.98			
11/18/99 0:00	1022.00	30.18	0.662	119.94	247.90	511.65	510.95		
11/18/99 0:15	1021.88	30.18	0.661	119.94	247.90	511.18			
11/18/99 0:30	1021.88	30.18	0.661	118.90	246.02	510.50			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/18/99 0:45	1021.75	30.17	0.658	117.85	244.14	508.65			
11/18/99 1:00	1021.75	30.17	0.658	117.59	243.67	508.72	509.66		
11/18/99 1:15	1021.63	30.17	0.660	119.42	246.96	510.67			
11/18/99 1:30	1021.63	30.17	0.661	119.16	246.49	510.73			
11/18/99 1:45	1021.38	30.16	0.659	118.12	244.61	509.36			
11/18/99 2:00	1021.38	30.16	0.658	117.59	243.67	508.58	509.30		
11/18/99 2:15	1021.75	30.17	0.659	117.33	243.20	508.76			
11/18/99 2:30	1021.75	30.17	0.659	117.33	243.20	509.05			
11/18/99 2:45	1021.75	30.17	0.658	117.33	243.20	508.31			
11/18/99 3:00	1021.75	30.17	0.656	117.33	243.20	507.85	508.13		
11/18/99 3:15	1021.88	30.18	0.655	117.33	243.20	507.32			
11/18/99 3:30	1021.75	30.17	0.658	117.07	242.73	508.14			
11/18/99 3:45	1021.88	30.18	0.658	117.07	242.73	508.11			
11/18/99 4:00	1022.00	30.16	0.659	116.81	242.26	508.38	507.81		
11/18/99 4:15	1022.00	30.16	0.656	117.07	242.73	507.35			
11/18/99 4:30	1022.00	30.18	0.654	117.33	243.20	507.05			
11/18/99 4:45	1022.25	30.19	0.656	117.33	243.20	507.73			
11/18/99 5:00	1022.25	30.19	0.657	117.33	243.20	507.96	507.82		
11/18/99 5:15	1022.38	30.19	0.659	117.59	243.67	508.79			
11/18/99 5:30	1022.25	30.19	0.655	117.85	244.14	507.56			
11/18/99 5:45	1022.25	30.19	0.656	117.85	244.14	508.07			
11/18/99 6:00	1022.25	30.19	0.658	118.12	244.61	508.70	508.39		
11/18/99 6:15	1022.13	30.18	0.658	118.38	245.08	508.90			
11/18/99 6:30	1022.00	30.18	0.657	118.38	245.08	508.70			
11/18/99 6:45	1022.25	30.19	0.657	118.90	246.02	508.98			
11/18/99 7:00	1022.50	30.19	0.657	118.90	246.02	508.91	508.85		
11/18/99 7:15	1022.50	30.19	0.656	119.16	246.49	508.58			
11/18/99 7:30	1022.50	30.19	0.657	119.16	246.49	509.08			
11/18/99 7:45	1022.50	30.19	0.656	119.16	246.49	508.58			
11/18/99 8:00	1022.50	30.19	0.658	119.16	246.49	509.55	509.20		
11/18/99 8:15	1022.50	30.19	0.657	119.16	246.49	509.08			
11/18/99 8:30	1022.50	30.19	0.658	119.42	246.96	509.72			
11/18/99 8:45	1022.38	30.19	0.656	119.88	247.43	509.22			
11/18/99 9:00	1022.38	30.19	0.656	119.94	247.90	509.39	509.97		
11/18/99 9:15	1022.25	30.19	0.658	120.47	248.84	510.46			
11/18/99 9:30	1022.13	30.18	0.659	120.99	249.78	511.06			
11/18/99 9:45	1022.13	30.18	0.659	121.51	250.72	511.40			
11/18/99 10:00	1022.13	30.18	0.684	120.73	249.31	520.76	513.05		
11/18/99 10:15	1022.13	30.18	0.656	122.03	251.66	510.80			
11/18/99 10:30	1022.00	30.18	0.656	123.08	253.54	511.24			
11/18/99 10:45	1021.88	30.18	0.656	123.34	254.01	511.44			
11/18/99 11:00	1021.88	30.18	0.673	123.80	254.48	518.16	513.99		
11/18/99 11:15	1021.75	30.17	0.669	122.82	253.07	516.46			
11/18/99 11:30	1021.63	30.17	0.656	124.85	256.37	512.61			
11/18/99 11:45	1021.50	30.16	0.658	124.91	256.84	512.54			
11/18/99 12:00	1021.25	30.18	0.656	125.17	257.31	513.05	513.30		
11/18/99 12:15	1021.13	30.15	0.656	125.17	257.31	513.78			
11/18/99 12:30	1020.88	30.15	0.659	125.43	257.78	514.52			
11/18/99 12:45	1020.63	30.14	0.657	125.95	258.72	513.94			
11/18/99 13:00	1020.38	30.13	0.659	126.22	259.19	515.15	514.69		
11/18/99 13:15	1020.13	30.12	0.660	126.22	259.19	515.45			
11/18/99 13:30	1020.00	30.12	0.656	126.74	260.13	514.37			
11/18/99 13:45	1019.88	30.12	0.656	126.74	260.13	514.40			
11/18/99 14:00	1019.75	30.11	0.660	127.00	260.60	516.05	515.51		
11/18/99 14:15	1019.63	30.11	0.662	127.26	261.07	516.99			
11/18/99 14:30	1019.63	30.11	0.659	127.26	261.07	515.74			
11/18/99 14:45	1019.50	30.11	0.659	127.52	261.54	516.21			
11/18/99 15:00	1019.50	30.11	0.657	127.78	262.01	515.40	516.20		
11/18/99 15:15	1019.50	30.11	0.663	127.76	262.01	517.59			
11/18/99 15:30	1019.63	30.11	0.659	127.78	262.01	516.08			
11/18/99 15:45	1019.63	30.11	0.658	127.78	262.01	515.84			
11/18/99 16:00	1019.63	30.11	0.658	127.52	261.54	515.67	515.92		
11/18/99 16:15	1019.75	30.11	0.661	127.26	261.07	516.45			
11/18/99 16:30	1019.75	30.11	0.659	127.00	260.60	515.54			
11/18/99 16:45	1019.75	30.11	0.659	127.00	260.60	515.81			
11/18/99 17:00	1019.88	30.12	0.661	127.00	260.60	516.49	515.87		
11/18/99 17:15	1019.88	30.12	0.661	126.48	259.66	516.15			
11/18/99 17:30	1019.88	30.12	0.660	125.95	258.72	515.34			
11/18/99 17:45	1020.00	30.12	0.662	125.43	257.78	515.71			
11/18/99 18:00	1020.25	30.13	0.661	125.43	257.78	515.14	515.18		
11/18/99 18:15	1020.38	30.13	0.660	125.17	257.31	514.71			
11/18/99 18:30	1020.25	30.13	0.661	125.17	257.31	514.98			
11/18/99 18:45	1020.38	30.13	0.659	124.91	256.84	514.31			
11/18/99 19:00	1020.38	30.13	0.659	124.91	256.84	514.31	514.48		
11/18/99 19:15	1020.38	30.13	0.660	124.91	256.84	514.54			
11/18/99 19:30	1020.63	30.14	0.659	124.91	256.84	514.24			
11/18/99 19:45	1020.75	30.14	0.661	124.91	256.84	514.91			
11/18/99 20:00	1020.63	30.14	0.661	124.65	256.37	514.78	514.46		
11/18/99 20:15	1020.75	30.14	0.661	124.39	255.90	514.34			
11/18/99 20:30	1020.75	30.14	0.661	123.86	254.95	514.00			
11/18/99 20:45	1021.00	30.15	0.661	123.34	254.01	513.60			
11/18/99 21:00	1021.13	30.15	0.663	123.08	253.54	514.14	513.83		
11/18/99 21:15	1021.00	30.15	0.661	122.82	253.07	513.27			
11/18/99 21:30	1021.00	30.15	0.661	122.30	252.13	513.16			
11/18/99 21:45	1021.00	30.15	0.662	121.77	251.19	513.09			
11/18/99 22:00	1020.88	30.15	0.658	121.51	250.72	511.48	512.42		
11/18/99 22:15	1021.00	30.15	0.661	122.03	251.66	512.76			
11/18/99 22:30	1021.00	30.15	0.658	121.77	251.19	511.82			
11/18/99 22:45	1020.75	30.14	0.661	122.03	251.66	513.05			
11/18/99 23:00	1020.88	30.15	0.659	122.03	251.66	512.32	512.39		
11/18/99 23:15	1020.75	30.14	0.659	122.56	252.60	512.42			
11/18/99 23:30	1020.75	30.14	0.659	122.30	252.13	512.52			
11/18/99 23:45	1020.88	30.15	0.663	122.82	253.07	514.27			
11/19/99 0:00	1020.88	30.15	0.661	123.08	253.54	513.47	513.29		
11/19/99 0:15	1021.00	30.15	0.662	122.82	253.07	513.77			
11/19/99 0:30	1021.13	30.15	0.659	122.30	252.13	512.43			
11/19/99 0:45	1021.13	30.15	0.662	122.30	252.13	513.40			
11/19/99 1:00	1021.25	30.16	0.660	121.77	251.19	512.29	512.85		
11/19/99 1:15	1021.25	30.16	0.661	122.30	252.13	512.86			
11/19/99 1:30	1021.13	30.15	0.659	122.03	251.66	512.26			
11/19/99 1:45	1021.13	30.15	0.662	122.56	252.60	513.57			
11/19/99 2:00	1021.13	30.15	0.662	122.30	252.13	513.40	512.99		
11/19/99 2:15	1020.88	30.15	0.662	122.30	252.13	513.46			
11/19/99 2:30	1020.75	30.14	0.659	122.30	252.13	512.25			
11/19/99 2:45	1020.63	30.14	0.659	122.30	252.13	512.55			
11/19/99 3:00	1020.63	30.14	0.661	122.82	253.07	513.36	512.78		
11/19/99 3:15	1020.63	30.14	0.661	122.82	253.07	513.36			
11/19/99 3:30	1020.63	30.14	0.658	122.82	253.07	512.39			
11/19/99 3:45	1020.63	30.14	0.658	122.82	253.07	512.15			
11/19/99 4:00	1020.75	30.14	0.661	122.82	253.07	513.33	512.98		
11/19/99 4:15	1020.63	30.14	0.660	122.56	252.60	512.96			
11/19/99 4:30	1020.63	30.14	0.663	122.82	253.07	514.10			
11/19/99 4:45	1020.50	30.14	0.661	122.56	252.60	513.45			
11/19/99 5:00	1020.63	30.14	0.660	122.82	253.07	513.13	513.26		
11/19/99 5:15	1020.63	30.14	0.661	122.82	253.07	513.36			
11/19/99 5:30	1020.50	30.14	0.658	122.56	252.60	512.25			
11/19/99 5:45	1020.25	30.13	0.659	122.82	253.07	512.99			
11/19/99 6:00	1020.25	30.13	0.658	122.82	253.07	512.48	512.66		
11/19/99 6:15	1020.50	30.14	0.660	122.82	253.07	513.16			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/19/99 6:30	1020.50	30.14	0.658	122.82	253.07	512.42			
11/19/99 6:45	1020.50	30.14	0.660	122.30	252.13	512.82			
11/19/99 7:00	1020.63	30.14	0.661	122.82	253.07	513.36	513.00		
11/19/99 7:15	1020.75	30.14	0.660	122.82	253.07	513.09			
11/19/99 7:30	1020.75	30.14	0.661	122.82	253.07	513.33			
11/19/99 7:45	1020.75	30.14	0.659	122.82	253.07	512.59			
11/19/99 8:00	1020.75	30.14	0.659	122.82	253.07	512.59	512.81		
11/19/99 8:15	1020.75	30.14	0.661	122.30	252.13	512.99			
11/19/99 8:30	1020.88	30.15	0.659	122.82	253.07	512.56			
11/19/99 8:45	1021.00	30.15	0.661	123.08	253.54	513.87			
11/19/99 9:00	1021.00	30.15	0.661	123.34	254.01	513.84	513.52		
11/19/99 9:15	1020.88	30.15	0.661	123.60	254.48	513.80			
11/19/99 9:30	1020.88	30.15	0.660	123.86	254.95	513.74			
11/19/99 9:45	1020.75	30.14	0.663	124.39	255.90	515.08			
11/19/99 10:00	1020.75	30.14	0.662	124.65	256.37	515.02	514.79		
11/19/99 10:15	1020.63	30.14	0.661	124.91	256.84	514.71			
11/19/99 10:30	1020.50	30.14	0.662	125.17	257.31	515.42			
11/19/99 10:45	1020.25	30.13	0.661	125.43	257.78	515.38			
11/19/99 11:00	1020.25	30.13	0.663	125.95	258.72	516.22	515.97		
11/19/99 11:15	1020.13	30.12	0.661	126.22	259.19	515.68			
11/19/99 11:30	1019.75	30.11	0.664	126.48	259.66	517.15			
11/19/99 11:45	1019.38	30.10	0.661	126.74	260.13	516.21			
11/19/99 12:00	1019.13	30.09	0.663	127.00	260.60	517.42	517.06		
11/19/99 12:15	1018.75	30.08	0.661	127.52	261.54	516.67			
11/19/99 12:30	1018.38	30.07	0.662	127.78	262.01	517.65			
11/19/99 12:45	1018.00	30.06	0.661	128.04	262.48	517.64			
11/19/99 13:00	1017.75	30.05	0.664	128.31	262.95	519.12	518.05		
11/19/99 13:15	1017.75	30.05	0.661	128.31	262.95	517.63			
11/19/99 13:30	1017.38	30.04	0.662	128.31	262.95	518.24			
11/19/99 13:45	1017.00	30.03	0.660	128.57	263.42	517.76			
11/19/99 14:00	1016.88	30.03	0.661	128.57	263.42	518.26	517.96		
11/19/99 14:15	1016.63	30.02	0.660	128.83	263.89	518.02			
11/19/99 14:30	1016.50	30.02	0.659	128.83	263.89	517.54			
11/19/99 14:45	1016.25	30.01	0.661	128.83	263.89	518.35			
11/19/99 15:00	1016.25	30.01	0.658	128.83	263.89	517.37	517.87		
11/19/99 15:15	1016.13	30.01	0.661	128.83	263.89	518.62			
11/19/99 15:30	1015.88	30.00	0.658	128.83	263.89	517.46			
11/19/99 15:45	1015.88	30.00	0.658	128.83	263.89	517.23			
11/19/99 16:00	1015.75	30.00	0.659	128.57	263.42	517.84	517.67		
11/19/99 16:15	1015.63	29.99	0.660	128.57	263.42	518.11			
11/19/99 16:30	1015.63	29.99	0.659	128.31	262.95	517.70			
11/19/99 16:45	1015.63	29.99	0.659	128.31	262.95	517.43			
11/19/99 17:00	1015.38	29.98	0.659	128.31	262.95	517.49	517.52		
11/19/99 17:15	1015.50	29.99	0.657	128.04	262.48	516.58			
11/19/99 17:30	1015.63	29.99	0.661	128.31	262.95	518.41			
11/19/99 17:45	1016.38	30.01	0.658	128.31	262.95	517.00			
11/19/99 18:00	1016.88	30.03	0.661	128.31	262.95	517.85	517.35		
11/19/99 18:15	1017.13	30.04	0.660	127.78	262.01	517.22			
11/19/99 18:30	1017.63	30.05	0.659	127.26	261.07	516.25			
11/19/99 18:45	1017.63	30.05	0.661	127.00	260.60	516.82			
11/19/99 19:00	1017.13	30.04	0.658	126.48	259.66	515.63	516.07		
11/19/99 19:15	1017.13	30.04	0.659	126.22	259.19	515.97			
11/19/99 19:30	1017.25	30.04	0.659	126.22	259.19	515.67			
11/19/99 19:45	1017.38	30.04	0.658	125.69	258.25	515.06			
11/19/99 20:00	1017.13	30.04	0.661	125.43	257.78	516.17	515.26		
11/19/99 20:15	1017.25	30.04	0.658	125.43	257.78	514.93			
11/19/99 20:30	1017.50	30.05	0.658	125.17	257.31	514.46			
11/19/99 20:45	1017.38	30.04	0.659	125.17	257.31	514.96			
11/19/99 21:00	1017.25	30.04	0.661	124.91	256.84	515.80	514.72		
11/19/99 21:15	1017.25	30.04	0.656	124.91	256.84	513.88			
11/19/99 21:30	1017.38	30.04	0.658	125.17	257.31	514.49			
11/19/99 21:45	1017.25	30.04	0.656	125.17	257.31	514.76			
11/19/99 22:00	1017.25	30.04	0.660	124.91	256.84	515.33	514.82		
11/19/99 22:15	1017.25	30.04	0.658	125.17	257.31	514.76			
11/19/99 22:30	1017.25	30.04	0.658	125.17	257.31	514.76			
11/19/99 22:45	1017.13	30.04	0.658	125.17	257.31	514.79			
11/19/99 23:00	1017.13	30.04	0.659	125.17	257.31	515.02	514.96		
11/19/99 23:15	1017.00	30.03	0.660	125.17	257.31	515.56			
11/19/99 23:30	1016.88	30.03	0.658	124.91	256.84	514.68			
11/19/99 23:45	1016.75	30.02	0.659	124.91	256.84	514.95			
11/20/99 0:00	1017.00	30.03	0.658	125.17	257.31	514.59	514.88		
11/20/99 0:15	1017.25	30.04	0.659	125.43	257.78	515.43			
11/20/99 0:30	1017.50	30.05	0.659	124.91	256.84	514.76			
11/20/99 0:45	1017.38	30.04	0.659	124.91	256.84	515.07			
11/20/99 1:00	1017.38	30.04	0.660	124.65	256.37	515.13	514.75		
11/20/99 1:15	1017.50	30.05	0.660	124.65	256.37	515.10			
11/20/99 1:30	1017.63	30.05	0.657	124.39	255.90	513.69			
11/20/99 1:45	1017.75	30.05	0.658	124.39	255.90	513.89			
11/20/99 2:00	1017.88	30.06	0.659	124.39	255.90	514.60	514.43		
11/20/99 2:15	1017.88	30.06	0.662	124.39	255.90	515.58			
11/20/99 2:30	1018.00	30.06	0.659	124.13	255.43	514.40			
11/20/99 2:45	1018.00	30.06	0.658	123.60	254.48	513.55			
11/20/99 3:00	1018.13	30.07	0.660	123.86	254.95	514.43	514.33		
11/20/99 3:15	1018.13	30.07	0.659	124.13	255.43	514.37			
11/20/99 3:30	1018.25	30.07	0.661	123.86	254.95	514.87			
11/20/99 3:45	1018.25	30.07	0.659	124.13	255.43	514.06			
11/20/99 4:00	1018.38	30.07	0.661	123.60	254.48	514.43	514.29		
11/20/99 4:15	1018.50	30.08	0.661	123.60	254.48	514.40			
11/20/99 4:30	1018.50	30.08	0.659	123.60	254.48	513.66			
11/20/99 4:45	1018.63	30.08	0.659	123.34	254.01	513.73			
11/20/99 5:00	1018.75	30.08	0.658	123.08	253.54	513.03	513.51		
11/20/99 5:15	1018.88	30.09	0.660	123.08	253.54	513.74			
11/20/99 5:30	1019.00	30.09	0.660	122.56	252.60	513.37			
11/20/99 5:45	1019.25	30.10	0.658	122.30	252.13	512.16			
11/20/99 6:00	1019.50	30.11	0.661	121.77	251.19	513.20	512.37		
11/20/99 6:15	1019.63	30.11	0.658	121.77	251.19	511.96			
11/20/99 6:30	1019.88	30.12	0.658	120.99	249.78	511.16			
11/20/99 6:45	1019.88	30.12	0.661	120.99	249.78	512.59			
11/20/99 7:00	1020.00	30.12	0.664	121.25	250.25	513.70	512.73		
11/20/99 7:15	1020.13	30.12	0.661	122.03	251.66	513.21			
11/20/99 7:30	1020.13	30.12	0.661	122.03	251.66	512.98			
11/20/99 7:45	1020.25	30.13	0.661	120.99	249.78	512.27			
11/20/99 8:00	1020.25	30.13	0.661	120.99	249.78	512.50	512.52		
11/20/99 8:15	1020.38	30.13	0.661	120.99	249.78	512.24			
11/20/99 8:30	1020.38	30.13	0.661	121.25	250.25	512.64			
11/20/99 8:45	1020.38	30.13	0.660	121.77	251.19	512.51			
11/20/99 9:00	1020.75	30.14	0.661	122.03	251.66	513.05	512.95		
11/20/99 9:15	1021.00	30.15	0.660	122.30	252.13	512.89			
11/20/99 9:30	1020.88	30.15	0.663	122.56	252.60	513.86			
11/20/99 9:45	1021.00	30.15	0.664	123.08	253.54	514.91			
11/20/99 10:00	1021.00	30.15	0.662	123.08	253.54	513.94	514.37		
11/20/99 10:15	1021.00	30.15	0.663	123.34	254.01	514.34			
11/20/99 10:30	1020.88	30.15	0.663	123.60	254.48	514.78			
11/20/99 10:45	1020.75	30.14	0.661	123.60	254.48	514.07			
11/20/99 11:00	1020.63	30.14	0.661	123.86	254.95	514.04	514.50		
11/20/99 11:15	1020.50	30.14	0.661	124.13	255.43	514.47			
11/20/99 11:30	1020.50	30.14	0.663	124.39	255.90	515.14			
11/20/99 11:45	1020.25	30.13	0.662	124.39	255.90	514.97			
11/20/99 12:00	1020.13	30.12	0.662	124.39	255.90	515.01	515.44		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/20/99 12:15	1019.88	30.12	0.663	124.91	256.84	515.84			
11/20/99 12:30	1019.75	30.11	0.664	124.91	256.84	516.41			
11/20/99 12:45	1019.50	30.11	0.662	124.91	256.84	515.50			
11/20/99 13:00	1019.38	30.10	0.661	125.17	257.31	515.20	515.64		
11/20/99 13:15	1019.13	30.09	0.661	125.43	257.78	515.43			
11/20/99 13:30	1019.13	30.09	0.661	125.43	257.78	515.66			
11/20/99 13:45	1018.88	30.09	0.662	125.95	258.72	516.34			
11/20/99 14:00	1018.75	30.08	0.661	125.69	258.25	515.93	516.31		
11/20/99 14:15	1018.63	30.08	0.662	126.22	259.19	516.57			
11/20/99 14:30	1018.63	30.08	0.663	126.22	259.19	517.04			
11/20/99 14:45	1018.63	30.08	0.663	126.22	259.19	516.80			
11/20/99 15:00	1018.63	30.08	0.663	126.22	259.19	516.80	516.56		
11/20/99 15:15	1018.75	30.08	0.661	126.22	259.19	518.03			
11/20/99 15:30	1018.63	30.08	0.661	125.95	258.72	516.13			
11/20/99 15:45	1018.75	30.08	0.661	125.69	258.25	515.93			
11/20/99 16:00	1018.75	30.08	0.662	125.69	258.25	516.20	516.30		
11/20/99 16:15	1018.75	30.08	0.663	125.95	258.72	516.64			
11/20/99 16:30	1018.75	30.08	0.663	125.69	258.25	516.43			
11/20/99 16:45	1018.75	30.08	0.663	125.43	257.78	516.26			
11/20/99 17:00	1018.88	30.09	0.662	124.91	256.84	515.66	515.90		
11/20/99 17:15	1019.00	30.09	0.664	124.65	256.37	516.18			
11/20/99 17:30	1019.13	30.09	0.661	124.39	255.90	514.99			
11/20/99 17:45	1019.13	30.09	0.661	123.86	254.95	514.65			
11/20/99 18:00	1019.25	30.10	0.658	123.60	254.48	513.24	514.03		
11/20/99 18:15	1019.25	30.10	0.659	123.08	253.54	513.41			
11/20/99 18:30	1019.25	30.10	0.661	123.08	253.54	513.87			
11/20/99 18:45	1019.25	30.10	0.658	122.82	253.07	512.50			
11/20/99 19:00	1019.13	30.09	0.660	122.82	253.07	513.50	513.66		
11/20/99 19:15	1019.25	30.10	0.663	122.82	253.07	514.68			
11/20/99 19:30	1019.38	30.10	0.661	122.56	252.60	513.74			
11/20/99 19:45	1019.38	30.10	0.663	122.03	251.66	514.14			
11/20/99 20:00	1019.38	30.10	0.660	122.30	252.13	513.10	513.66		
11/20/99 20:15	1019.13	30.09	0.658	123.08	253.54	512.93			
11/20/99 20:30	1019.13	30.09	0.662	123.08	253.54	514.41			
11/20/99 20:45	1019.50	30.11	0.661	122.82	253.07	513.88			
11/20/99 21:00	1019.63	30.11	0.659	122.30	252.13	512.61	513.74		
11/20/99 21:15	1019.88	30.12	0.661	122.30	252.13	513.44			
11/20/99 21:30	1020.00	30.12	0.663	122.30	252.13	514.15			
11/20/99 21:45	1019.88	30.12	0.661	121.51	250.72	512.93			
11/20/99 22:00	1019.75	30.11	0.661	122.30	252.13	513.47	513.72		
11/20/99 22:15	1019.50	30.11	0.661	122.82	253.07	513.64			
11/20/99 22:30	1019.38	30.10	0.663	122.82	253.07	514.41			
11/20/99 22:45	1019.25	30.10	0.662	123.08	253.54	514.38			
11/20/99 23:00	1019.25	30.10	0.658	123.08	253.54	512.90	514.01		
11/20/99 23:15	1019.00	30.09	0.662	123.08	253.54	514.44			
11/20/99 23:30	1019.13	30.09	0.661	123.08	253.54	513.91			
11/20/99 23:45	1019.25	30.10	0.659	123.08	253.54	513.41			
11/21/99 0:00	1019.25	30.10	0.661	122.82	253.07	513.94	513.74		
11/21/99 0:15	1019.25	30.10	0.661	122.82	253.07	513.71			
11/21/99 0:30	1019.13	30.09	0.661	122.82	253.07	513.74			
11/21/99 0:45	1019.00	30.09	0.660	123.08	253.54	513.70			
11/21/99 1:00	1018.88	30.09	0.661	123.08	253.54	514.20	514.02		
11/21/99 1:15	1018.75	30.08	0.662	123.08	253.54	514.51			
11/21/99 1:30	1018.63	30.08	0.660	123.34	254.01	513.97			
11/21/99 1:45	1018.63	30.08	0.659	123.34	254.01	513.46			
11/21/99 2:00	1018.75	30.08	0.661	123.34	254.01	514.40	513.65		
11/21/99 2:15	1018.75	30.08	0.660	123.60	254.48	514.11			
11/21/99 2:30	1018.88	30.09	0.658	123.60	254.46	513.33			
11/21/99 2:45	1018.88	30.09	0.660	123.60	254.46	514.07			
11/21/99 3:00	1018.75	30.08	0.661	123.60	254.48	514.57	514.43		
11/21/99 3:15	1018.75	30.08	0.662	123.60	254.48	514.85			
11/21/99 3:30	1018.75	30.08	0.663	123.60	254.48	515.31			
11/21/99 3:45	1018.75	30.08	0.660	123.60	254.48	514.11			
11/21/99 4:00	1018.75	30.08	0.658	123.60	254.48	513.37	514.39		
11/21/99 4:15	1018.75	30.08	0.661	123.86	254.95	514.74			
11/21/99 4:30	1018.88	30.09	0.660	124.13	255.43	514.41			
11/21/99 4:45	1018.88	30.09	0.659	124.13	255.43	514.18			
11/21/99 5:00	1018.88	30.09	0.662	124.13	255.43	515.15	514.82		
11/21/99 5:15	1019.13	30.09	0.664	124.13	255.43	515.79			
11/21/99 5:30	1019.13	30.09	0.661	124.13	255.43	514.58			
11/21/99 5:45	1019.25	30.10	0.661	124.13	255.43	514.55			
11/21/99 6:00	1019.38	30.10	0.661	124.39	255.90	514.69	514.61		
11/21/99 6:15	1019.25	30.10	0.661	124.39	255.90	514.72			
11/21/99 6:30	1019.25	30.10	0.660	124.39	255.90	514.49			
11/21/99 6:45	1019.25	30.10	0.663	124.39	255.90	515.69			
11/21/99 7:00	1019.38	30.10	0.663	124.39	255.90	515.43	514.94		
11/21/99 7:15	1019.38	30.10	0.661	124.39	255.90	514.69			
11/21/99 7:30	1019.50	30.11	0.660	124.39	255.90	514.42			
11/21/99 7:45	1019.50	30.11	0.662	124.39	255.90	515.16			
11/21/99 8:00	1019.50	30.11	0.661	124.39	255.90	514.89	514.85		
11/21/99 8:15	1019.50	30.11	0.663	124.39	255.90	515.40			
11/21/99 8:30	1019.63	30.11	0.660	124.39	255.90	514.39			
11/21/99 8:45	1019.63	30.11	0.662	124.39	255.90	515.13			
11/21/99 9:00	1019.63	30.11	0.661	124.65	256.37	515.03	515.20		
11/21/99 9:15	1019.63	30.11	0.662	124.91	256.84	515.47			
11/21/99 9:30	1019.50	30.11	0.663	124.91	256.84	515.97			
11/21/99 9:45	1019.38	30.10	0.660	124.91	256.84	514.79			
11/21/99 10:00	1019.50	30.11	0.663	124.91	256.84	515.74	515.54		
11/21/99 10:15	1019.50	30.11	0.663	124.91	256.84	515.97			
11/21/99 10:30	1019.25	30.10	0.661	125.17	257.31	515.23			
11/21/99 10:45	1019.13	30.09	0.661	125.43	257.78	515.43			
11/21/99 11:00	1019.00	30.09	0.663	125.95	258.72	516.77	515.86		
11/21/99 11:15	1018.88	30.09	0.659	126.22	259.19	515.26			
11/21/99 11:30	1018.75	30.08	0.661	126.74	260.13	516.60			
11/21/99 11:45	1018.50	30.08	0.660	127.00	260.60	516.36			
11/21/99 12:00	1018.13	30.07	0.661	127.52	261.54	517.27	517.21		
11/21/99 12:15	1017.88	30.06	0.663	126.04	262.46	518.16			
11/21/99 12:30	1017.63	30.05	0.661	128.31	262.95	517.66			
11/21/99 12:45	1017.50	30.05	0.664	128.31	262.95	518.91			
11/21/99 13:00	1017.38	30.04	0.659	128.31	262.95	517.26	518.08		
11/21/99 13:15	1017.25	30.04	0.663	128.31	262.95	516.50			
11/21/99 13:30	1017.00	30.03	0.661	128.31	262.95	518.06			
11/21/99 13:45	1016.88	30.03	0.662	128.57	263.42	518.53			
11/21/99 14:00	1016.75	30.02	0.661	128.57	263.42	518.06	518.10		
11/21/99 14:15	1016.63	30.02	0.660	128.31	262.95	517.66			
11/21/99 14:30	1016.63	30.02	0.661	128.31	262.95	518.15			
11/21/99 14:45	1016.50	30.02	0.661	128.57	263.42	518.12			
11/21/99 15:00	1016.38	30.01	0.663	128.31	262.95	518.73	518.42		
11/21/99 15:15	1016.25	30.01	0.661	128.57	263.42	518.42			
11/21/99 15:30	1016.25	30.01	0.662	128.57	263.42	518.69			
11/21/99 15:45	1016.13	30.01	0.659	128.57	263.42	517.74			
11/21/99 16:00	1016.25	30.01	0.660	128.31	262.95	517.78	518.20		
11/21/99 16:15	1016.25	30.01	0.661	128.31	262.95	518.25			
11/21/99 16:30	1016.25	30.01	0.662	128.31	262.95	518.52			
11/21/99 16:45	1016.38	30.01	0.661	128.31	262.95	517.98			
11/21/99 17:00	1016.25	30.01	0.662	128.31	262.95	518.52	518.08		
11/21/99 17:15	1016.38	30.01	0.659	128.04	262.48	517.07			
11/21/99 17:30	1016.38	30.01	0.662	128.04	262.48	518.32			
11/21/99 17:45	1016.38	30.01	0.663	127.78	262.01	518.39			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/21/99 18:00	1018.38	30.01	0.660	127.78	262.01	517.41	517.61		
11/21/99 18:15	1018.50	30.02	0.659	127.78	262.01	517.14			
11/21/99 18:30	1018.50	30.02	0.659	127.26	261.07	516.81			
11/21/99 18:45	1018.63	30.02	0.663	127.00	260.60	517.82			
11/21/99 19:00	1018.63	30.02	0.658	127.00	260.60	516.10	518.91		
11/21/99 19:15	1018.75	30.02	0.661	126.74	260.13	517.11			
11/21/99 19:30	1018.75	30.02	0.661	126.48	259.66	516.71			
11/21/99 19:45	1018.88	30.03	0.660	126.22	259.19	516.27			
11/21/99 20:00	1017.00	30.03	0.660	125.95	258.72	516.07	515.98		
11/21/99 20:15	1017.00	30.03	0.660	125.95	258.72	516.07			
11/21/99 20:30	1016.88	30.03	0.658	125.43	257.78	514.79			
11/21/99 20:45	1017.00	30.03	0.659	125.43	257.78	515.50			
11/21/99 21:00	1017.00	30.03	0.661	125.43	257.78	516.20	515.85		
11/21/99 21:15	1016.88	30.03	0.662	125.43	257.78	516.51			
11/21/99 21:30	1016.88	30.03	0.659	125.43	257.78	515.26			
11/21/99 21:45	1016.75	30.02	0.660	125.17	257.31	515.63			
11/21/99 22:00	1016.88	30.03	0.662	125.43	257.78	516.51	518.01		
11/21/99 22:15	1017.00	30.03	0.664	125.43	257.78	517.16			
11/21/99 22:30	1017.00	30.03	0.659	125.43	257.78	515.50			
11/21/99 22:45	1017.13	30.04	0.660	125.17	257.31	515.53			
11/21/99 23:00	1017.25	30.04	0.661	125.17	257.31	515.73	515.60		
11/21/99 23:15	1017.38	30.04	0.661	125.17	257.31	515.70			
11/21/99 23:30	1017.38	30.04	0.661	124.91	256.84	515.53			
11/21/99 23:45	1017.50	30.05	0.659	124.65	256.37	514.59			
11/22/99 0:00	1017.50	30.05	0.659	124.39	255.90	514.70	515.11		
11/22/99 0:15	1017.63	30.05	0.661	124.39	255.90	515.37			
11/22/99 0:30	1017.63	30.05	0.661	124.39	255.90	515.37			
11/22/99 0:45	1017.75	30.05	0.663	124.39	255.90	515.84			
11/22/99 1:00	1017.75	30.05	0.661	124.13	255.43	515.16	515.04		
11/22/99 1:15	1017.75	30.05	0.659	124.13	255.43	514.46			
11/22/99 1:30	1017.75	30.05	0.660	123.60	254.48	514.36			
11/22/99 1:45	1017.75	30.05	0.664	123.60	254.48	515.80			
11/22/99 2:00	1017.88	30.06	0.663	123.60	254.48	515.53	515.11		
11/22/99 2:15	1018.00	30.06	0.660	123.86	254.95	514.46			
11/22/99 2:30	1018.00	30.06	0.662	124.13	255.43	515.37			
11/22/99 2:45	1018.25	30.07	0.660	124.39	255.90	514.74			
11/22/99 3:00	1018.25	30.07	0.663	124.13	255.43	515.78	515.20		
11/22/99 3:15	1018.25	30.07	0.662	124.13	255.43	515.31			
11/22/99 3:30	1018.25	30.07	0.661	124.13	255.43	514.80			
11/22/99 3:45	1018.38	30.07	0.659	123.60	254.48	513.69			
11/22/99 4:00	1018.50	30.08	0.659	123.60	254.48	513.66	514.19		
11/22/99 4:15	1018.63	30.08	0.661	123.60	254.48	514.60			
11/22/99 4:30	1018.75	30.08	0.661	123.34	254.01	514.17			
11/22/99 4:45	1018.88	30.09	0.662	123.60	254.48	514.81			
11/22/99 5:00	1019.00	30.09	0.661	123.34	254.01	514.11	514.23		
11/22/99 5:15	1019.13	30.09	0.661	123.34	254.01	514.31			
11/22/99 5:30	1019.25	30.10	0.659	123.60	254.48	513.75			
11/22/99 5:45	1019.25	30.10	0.663	123.60	254.48	514.95			
11/22/99 6:00	1019.38	30.10	0.662	123.60	254.46	514.89	514.38		
11/22/99 6:15	1019.63	30.11	0.661	123.34	254.01	514.18			
11/22/99 6:30	1019.63	30.11	0.661	123.60	254.48	514.35			
11/22/99 6:45	1019.75	30.11	0.659	123.60	254.48	513.62			
11/22/99 7:00	1019.88	30.12	0.663	123.60	254.48	514.79	514.43		
11/22/99 7:15	1020.00	30.12	0.663	123.60	254.48	514.76			
11/22/99 7:30	1020.25	30.13	0.662	123.86	254.95	514.64			
11/22/99 7:45	1020.38	30.13	0.664	124.85	256.37	515.81			
11/22/99 8:00	1020.50	30.14	0.663	125.17	257.31	515.89	515.53		
11/22/99 8:15	1020.50	30.14	0.664	125.17	257.31	516.12			
11/22/99 8:30	1020.75	30.14	0.661	125.69	258.25	515.19			
11/22/99 8:45	1020.88	30.15	0.664	126.22	259.19	516.97			
11/22/99 9:00	1021.00	30.15	0.665	126.48	259.66	517.34	516.75		
11/22/99 9:15	1021.00	30.15	0.664	127.00	260.60	517.18			
11/22/99 9:30	1021.13	30.15	0.663	127.26	261.07	517.08			
11/22/99 9:45	1021.25	30.16	0.665	127.78	262.01	518.13			
11/22/99 10:00	1021.25	30.16	0.666	128.04	262.48	518.76	519.32		
11/22/99 10:15	1021.25	30.18	0.664	128.31	262.95	518.23			
11/22/99 10:30	1021.25	30.16	0.681	127.78	262.01	524.40			
11/22/99 10:45	1021.25	30.16	0.664	127.52	261.54	525.19			
11/22/99 11:00	1021.13	30.15	0.664	129.61	265.30	519.10	521.58		
11/22/99 11:15	1021.13	30.15	0.667	129.87	265.77	520.25			
11/22/99 11:30	1021.00	30.15	0.663	130.13	266.24	518.96			
11/22/99 11:45	1020.88	30.15	0.666	130.13	266.24	520.21			
11/22/99 12:00	1020.75	30.14	0.665	130.40	266.71	519.94	520.14		
11/22/99 12:15	1020.50	30.14	0.667	130.40	266.71	520.74			
11/22/99 12:30	1020.38	30.13	0.668	130.13	266.24	520.84			
11/22/99 12:45	1020.25	30.13	0.666	130.13	266.24	520.37			
11/22/99 13:00	1020.13	30.12	0.668	129.87	265.77	520.74	520.75		
11/22/99 13:15	1020.00	30.12	0.667	130.13	266.24	520.70			
11/22/99 13:30	1020.00	30.12	0.668	130.40	266.71	521.10			
11/22/99 13:45	1019.88	30.12	0.668	130.40	266.71	521.37			
11/22/99 14:00	1019.75	30.11	0.669	130.66	267.16	521.81	521.40		
11/22/99 14:15	1019.63	30.11	0.667	130.40	266.71	520.97			
11/22/99 14:30	1019.63	30.11	0.669	130.13	266.24	521.77			
11/22/99 14:45	1019.75	30.11	0.669	130.40	266.71	521.64			
11/22/99 15:00	1019.75	30.11	0.666	130.13	266.24	520.26	521.42		
11/22/99 15:15	1019.88	30.12	0.669	130.13	266.24	521.71			
11/22/99 15:30	1019.88	30.12	0.669	130.13	266.24	521.71			
11/22/99 15:45	1020.00	30.12	0.669	129.87	265.77	521.24			
11/22/99 16:00	1020.13	30.12	0.666	129.87	265.77	520.23	521.21		
11/22/99 16:15	1020.25	30.13	0.671	129.87	265.77	521.91			
11/22/99 16:30	1020.38	30.13	0.669	129.61	265.30	520.97			
11/22/99 16:45	1020.50	30.14	0.669	129.09	264.36	520.60			
11/22/99 17:00	1020.50	30.14	0.666	128.57	263.42	520.03	520.04		
11/22/99 17:15	1020.63	30.14	0.669	127.78	262.01	519.72			
11/22/99 17:30	1020.75	30.14	0.668	127.26	261.07	518.89			
11/22/99 17:45	1020.88	30.15	0.668	126.46	259.66	518.58			
11/22/99 18:00	1021.13	30.15	0.669	125.95	258.72	518.41	518.20		
11/22/99 18:15	1021.25	30.18	0.666	125.43	257.78	517.57			
11/22/99 18:30	1021.50	30.16	0.688	125.17	257.31	517.57			
11/22/99 18:45	1021.50	30.16	0.669	125.17	257.31	517.81			
11/22/99 19:00	1021.63	30.17	0.669	124.91	256.84	517.60	517.54		
11/22/99 19:15	1021.75	30.17	0.669	124.91	256.84	517.57			
11/22/99 19:30	1021.88	30.18	0.668	124.65	256.37	517.14			
11/22/99 19:45	1022.00	30.18	0.670	124.39	255.90	517.67			
11/22/99 20:00	1022.00	30.18	0.670	124.39	255.90	517.67	517.10		
11/22/99 20:15	1022.13	30.18	0.669	124.13	255.43	516.97			
11/22/99 20:30	1022.25	30.19	0.667	123.86	254.95	516.07			
11/22/99 20:45	1022.25	30.19	0.668	123.60	254.48	516.37			
11/22/99 21:00	1022.25	30.19	0.671	123.60	254.48	517.33	516.68		
11/22/99 21:15	1022.38	30.19	0.668	123.60	254.48	516.33			
11/22/99 21:30	1022.38	30.19	0.671	123.60	254.48	517.30			
11/22/99 21:45	1022.38	30.19	0.669	123.34	254.01	516.40			
11/22/99 22:00	1022.38	30.19	0.670	123.34	254.01	516.90	516.93		
11/22/99 22:15	1022.38	30.19	0.673	123.34	254.01	518.09			
11/22/99 22:30	1022.25	30.19	0.668	123.34	254.01	515.98			
11/22/99 22:45	1022.25	30.19	0.670	123.08	253.54	516.76			
11/22/99 23:00	1022.25	30.19	0.671	123.08	253.54	516.99	516.63		
11/22/99 23:15	1022.38	30.19	0.670	123.08	253.54	516.73			
11/22/99 23:30	1022.38	30.19	0.670	123.08	253.54	516.73			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/22/99 23:45	1022.38	30.19	0.668	123.08	253.54	515.76			
11/23/99 0:00	1022.38	30.19	0.669	123.08	253.54	516.23	516.43		
11/23/99 0:15	1022.25	30.19	0.671	122.82	253.07	516.82			
11/23/99 0:30	1022.13	30.18	0.670	122.82	253.07	516.82			
11/23/99 0:45	1021.88	30.18	0.669	122.82	253.07	516.18			
11/23/99 1:00	1021.75	30.17	0.670	122.82	253.07	516.71	516.55		
11/23/99 1:15	1021.63	30.17	0.669	122.82	253.07	516.24			
11/23/99 1:30	1021.63	30.17	0.671	122.82	253.07	516.98			
11/23/99 1:45	1021.50	30.16	0.670	122.82	253.07	516.78			
11/23/99 2:00	1021.63	30.17	0.669	122.82	253.07	516.24	516.55		
11/23/99 2:15	1021.63	30.17	0.669	122.82	253.07	518.51			
11/23/99 2:30	1021.63	30.17	0.669	122.82	253.07	516.24			
11/23/99 2:45	1021.63	30.17	0.670	122.82	253.07	516.75			
11/23/99 3:00	1021.63	30.17	0.669	122.56	252.60	516.34	516.07		
11/23/99 3:15	1021.63	30.17	0.669	122.56	252.60	516.07			
11/23/99 3:30	1021.38	30.16	0.666	122.56	252.60	514.94			
11/23/99 3:45	1021.25	30.16	0.671	122.56	252.60	517.13			
11/23/99 4:00	1021.25	30.16	0.669	122.82	253.07	516.34	516.02		
11/23/99 4:15	1021.13	30.15	0.669	122.56	252.60	516.20			
11/23/99 4:30	1021.25	30.16	0.667	122.56	252.60	515.47			
11/23/99 4:45	1021.25	30.16	0.666	122.56	252.60	515.20			
11/23/99 5:00	1021.25	30.16	0.668	122.82	253.07	516.11	515.69		
11/23/99 5:15	1021.25	30.16	0.669	122.82	253.07	516.34			
11/23/99 5:30	1021.38	30.16	0.666	122.82	253.07	515.34			
11/23/99 5:45	1021.50	30.16	0.670	122.03	251.66	518.27			
11/23/99 6:00	1021.38	30.16	0.668	122.03	251.66	515.33	515.77		
11/23/99 6:15	1021.50	30.16	0.670	122.03	251.66	518.27			
11/23/99 6:30	1021.75	30.17	0.669	121.51	250.72	515.63			
11/23/99 6:45	1021.88	30.18	0.670	121.77	251.19	516.00			
11/23/99 7:00	1021.88	30.18	0.669	121.77	251.19	515.50	515.56		
11/23/99 7:15	1021.75	30.17	0.669	121.77	251.19	515.53			
11/23/99 7:30	1021.75	30.17	0.668	121.51	250.72	515.13			
11/23/99 7:45	1021.88	30.18	0.668	122.03	251.66	515.21			
11/23/99 8:00	1022.00	30.18	0.669	121.51	250.72	515.57	515.29		
11/23/99 8:15	1022.13	30.18	0.667	121.77	251.19	514.74			
11/23/99 8:30	1022.00	30.18	0.669	122.30	252.13	515.81			
11/23/99 8:45	1022.00	30.18	0.669	122.82	253.07	516.42			
11/23/99 9:00	1021.88	30.18	0.669	123.08	253.54	516.35	516.65		
11/23/99 9:15	1021.88	30.18	0.669	123.60	254.48	516.69			
11/23/99 9:30	1021.75	30.17	0.671	124.39	255.90	517.97			
11/23/99 9:45	1021.75	30.17	0.669	124.91	256.84	517.57			
11/23/99 10:00	1021.75	30.17	0.671	125.17	257.31	518.48	518.30		
11/23/99 10:15	1021.75	30.17	0.669	125.69	258.25	518.08			
11/23/99 10:30	1021.63	30.17	0.671	126.22	259.19	519.42			
11/23/99 10:45	1021.63	30.17	0.671	126.74	260.13	519.53			
11/23/99 11:00	1021.50	30.16	0.669	127.00	260.60	519.26	519.52		
11/23/99 11:15	1021.25	30.16	0.671	127.28	261.07	520.20			
11/23/99 11:30	1020.88	30.15	0.668	127.78	262.01	519.19			
11/23/99 11:45	1020.63	30.14	0.667	128.04	262.48	519.19			
11/23/99 12:00	1020.38	30.13	0.669	128.31	262.95	520.40	519.93		
11/23/99 12:15	1019.75	30.11	0.669	128.57	263.42	520.45			
11/23/99 12:30	1019.50	30.11	0.668	129.09	264.36	520.39			
11/23/99 12:45	1019.25	30.10	0.666	129.35	264.83	520.11			
11/23/99 13:00	1018.88	30.09	0.664	129.35	264.83	519.51	520.28		
11/23/99 13:15	1018.75	30.08	0.666	129.61	265.30	520.41			
11/23/99 13:30	1018.50	30.08	0.668	129.61	265.30	520.98			
11/23/99 13:45	1018.25	30.07	0.666	129.81	265.30	520.30			
11/23/99 14:00	1017.88	30.06	0.665	129.87	265.77	520.33	520.39		
11/23/99 14:15	1017.75	30.05	0.664	129.87	265.77	520.13			
11/23/99 14:30	1017.50	30.05	0.664	129.87	265.77	520.19			
11/23/99 14:45	1017.25	30.04	0.664	129.87	265.77	519.98			
11/23/99 15:00	1017.13	30.04	0.664	129.87	265.77	520.02	520.22		
11/23/99 15:15	1016.88	30.03	0.666	129.87	265.77	520.82			
11/23/99 15:30	1016.88	30.03	0.664	129.87	265.77	520.08			
11/23/99 15:45	1016.75	30.02	0.666	129.87	265.77	521.09			
11/23/99 16:00	1016.63	30.02	0.668	129.61	265.30	521.46	520.91		
11/23/99 16:15	1016.63	30.02	0.666	129.61	265.30	520.95			
11/23/99 16:30	1016.63	30.02	0.666	129.61	265.30	520.95			
11/23/99 16:45	1016.50	30.02	0.666	129.35	264.83	520.58			
11/23/99 17:00	1016.50	30.02	0.667	128.83	263.89	520.75	520.43		
11/23/99 17:15	1016.38	30.01	0.666	128.83	263.89	520.51			
11/23/99 17:30	1016.38	30.01	0.664	128.57	263.42	519.36			
11/23/99 17:45	1016.38	30.01	0.666	128.31	262.95	520.17			
11/23/99 18:00	1016.38	30.01	0.664	128.31	262.95	519.47	519.74		
11/23/99 18:15	1016.25	30.01	0.664	128.31	262.95	519.50			
11/23/99 18:30	1016.38	30.01	0.666	128.31	262.95	520.17			
11/23/99 18:45	1016.38	30.01	0.666	128.31	262.95	519.94			
11/23/99 19:00	1016.13	30.01	0.665	128.04	262.48	519.60	519.85		
11/23/99 19:15	1016.00	30.00	0.665	128.04	262.48	519.63			
11/23/99 19:30	1016.00	30.00	0.666	127.78	262.01	519.93			
11/23/99 19:45	1016.00	30.00	0.667	127.78	262.01	520.20			
11/23/99 20:00	1016.00	30.00	0.663	127.78	262.01	518.72	519.24		
11/23/99 20:15	1015.88	30.00	0.664	127.78	262.01	518.99			
11/23/99 20:30	1015.88	30.00	0.663	127.52	261.54	518.35			
11/23/99 20:45	1015.75	30.00	0.664	127.52	261.54	518.85			
11/23/99 21:00	1015.63	29.99	0.664	127.78	262.01	519.32	518.85		
11/23/99 21:15	1015.63	29.99	0.665	127.52	261.54	519.39			
11/23/99 21:30	1015.63	29.99	0.662	127.78	262.01	518.35			
11/23/99 21:45	1015.63	29.99	0.666	128.04	262.48	519.96			
11/23/99 22:00	1015.63	29.99	0.665	128.04	262.48	519.73	519.75		
11/23/99 22:15	1015.75	30.00	0.668	128.04	262.48	520.67			
11/23/99 22:30	1015.88	30.00	0.666	128.31	262.95	520.07			
11/23/99 22:45	1015.88	30.00	0.665	128.31	262.95	519.83			
11/23/99 23:00	1016.00	30.00	0.664	128.31	262.95	519.29	519.84		
11/23/99 23:15	1016.13	30.01	0.664	128.31	262.95	519.26			
11/23/99 23:30	1016.38	30.01	0.668	128.04	262.48	520.74			
11/23/99 23:45	1016.38	30.01	0.665	127.78	262.01	519.37			
11/24/99 0:00	1016.38	30.01	0.666	127.52	261.54	519.67	519.96		
11/24/99 0:15	1016.38	30.01	0.668	127.26	261.07	520.24			
11/24/99 0:30	1016.25	30.01	0.667	127.26	261.07	519.80			
11/24/99 0:45	1016.25	30.01	0.664	127.26	261.07	518.83			
11/24/99 1:00	1016.25	30.01	0.668	127.26	261.07	520.03	519.85		
11/24/99 1:15	1016.75	30.02	0.666	127.78	262.01	519.50			
11/24/99 1:30	1017.63	30.05	0.668	127.52	261.54	520.09			
11/24/99 1:45	1017.88	30.06	0.668	127.00	260.60	519.45			
11/24/99 2:00	1018.25	30.07	0.666	126.48	259.66	518.51	518.88		
11/24/99 2:15	1018.63	30.08	0.668	126.22	259.19	518.75			
11/24/99 2:30	1018.88	30.09	0.666	125.69	258.25	517.61			
11/24/99 2:45	1019.13	30.09	0.668	125.43	257.78	518.35			
11/24/99 3:00	1019.63	30.11	0.667	125.17	257.31	517.58	518.03		
11/24/99 3:15	1019.63	30.11	0.670	124.91	256.84	518.62			
11/24/99 3:30	1020.00	30.12	0.669	124.91	256.84	518.02			
11/24/99 3:45	1020.25	30.13	0.670	124.91	256.84	518.46			
11/24/99 4:00	1020.50	30.14	0.668	124.65	256.37	517.49	517.89		
11/24/99 4:15	1020.63	30.14	0.669	124.39	255.90	517.79			
11/24/99 4:30	1020.88	30.15	0.669	124.39	255.90	517.73			
11/24/99 4:45	1021.13	30.15	0.668	124.39	255.90	517.18			
11/24/99 5:00	1021.50	30.16	0.668	124.13	255.43	516.89	517.25		
11/24/99 5:15	1021.88	30.18	0.670	123.86	254.95	517.36			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/24/99 5:30	1022.13	30.18	0.670	123.80	254.48	517.13			
11/24/99 5:45	1022.38	30.19	0.673	123.34	254.01	517.86			
11/24/99 6:00	1022.38	30.19	0.672	123.08	253.54	517.46	517.24		
11/24/99 6:15	1022.50	30.19	0.670	123.08	253.54	516.70			
11/24/99 6:30	1022.88	30.21	0.671	123.08	253.54	517.06			
11/24/99 6:45	1023.13	30.21	0.674	123.08	253.54	517.96			
11/24/99 7:00	1023.38	30.22	0.673	123.08	253.54	517.67	517.39		
11/24/99 7:15	1023.38	30.22	0.673	122.82	253.07	517.27			
11/24/99 7:30	1023.63	30.23	0.672	122.82	253.07	516.97			
11/24/99 7:45	1024.00	30.24	0.674	122.82	253.07	517.57			
11/24/99 8:00	1024.25	30.25	0.671	122.56	252.60	516.37	517.01		
11/24/99 8:15	1024.38	30.25	0.673	122.56	252.60	517.07			
11/24/99 8:30	1024.50	30.25	0.673	122.56	252.60	517.04			
11/24/99 8:45	1024.75	30.26	0.674	122.56	252.60	517.21			
11/24/99 9:00	1025.00	30.27	0.674	122.62	253.07	517.59	517.12		
11/24/99 9:15	1025.13	30.27	0.674	122.56	252.60	517.38			
11/24/99 9:30	1025.00	30.27	0.671	122.82	253.07	516.36			
11/24/99 9:45	1025.00	30.27	0.673	122.82	253.07	517.09			
11/24/99 10:00	1025.13	30.27	0.675	122.82	253.07	517.78	518.97		
11/24/99 10:15	1025.25	30.26	0.689	122.56	252.60	522.81			
11/24/99 10:30	1025.38	30.26	0.684	122.03	251.66	520.80			
11/24/99 10:45	1025.38	30.28	0.667	123.34	254.01	514.94			
11/24/99 11:00	1025.50	30.28	0.669	123.60	254.48	515.78	516.76		
11/24/99 11:15	1025.50	30.28	0.668	123.60	254.48	515.55			
11/24/99 11:30	1025.50	30.28	0.671	123.60	254.48	516.74			
11/24/99 11:45	1025.13	30.27	0.672	123.60	254.48	517.10			
11/24/99 12:00	1025.00	30.27	0.672	123.60	254.48	517.14	517.13		
11/24/99 12:15	1024.88	30.26	0.673	123.60	254.48	517.40			
11/24/99 12:30	1024.75	30.26	0.671	124.13	255.43	517.27			
11/24/99 12:45	1024.63	30.26	0.673	124.39	255.90	517.97			
11/24/99 13:00	1024.63	30.26	0.670	124.39	255.90	517.01	517.66		
11/24/99 13:15	1024.50	30.25	0.672	124.39	255.90	517.77			
11/24/99 13:30	1024.38	30.25	0.673	124.39	255.90	518.27			
11/24/99 13:45	1024.25	30.25	0.671	124.39	255.90	517.33			
11/24/99 14:00	1024.25	30.25	0.670	124.39	255.90	517.10	517.61		
11/24/99 14:15	1024.13	30.24	0.672	124.39	255.90	517.87			
11/24/99 14:30	1024.13	30.24	0.673	124.65	256.37	518.50			
11/24/99 14:45	1024.00	30.24	0.673	124.65	256.37	518.30			
11/24/99 15:00	1024.13	30.24	0.673	124.65	256.37	518.27	518.56		
11/24/99 15:15	1024.13	30.24	0.676	124.65	256.37	519.46			
11/24/99 15:30	1024.13	30.24	0.673	124.65	256.37	518.27			
11/24/99 15:45	1024.25	30.25	0.672	124.65	256.37	518.01			
11/24/99 16:00	1024.38	30.25	0.673	124.65	256.37	518.21	518.19		
11/24/99 16:15	1024.50	30.25	0.672	124.39	255.90	517.77			
11/24/99 16:30	1024.63	30.26	0.674	124.39	255.90	518.70			
11/24/99 16:45	1024.75	30.26	0.675	124.13	255.43	518.73			
11/24/99 17:00	1024.75	30.26	0.671	123.80	254.46	516.93	517.90		
11/24/99 17:15	1024.75	30.26	0.673	123.34	254.01	517.49			
11/24/99 17:30	1024.75	30.26	0.674	122.82	253.07	517.65			
11/24/99 17:45	1024.88	30.26	0.671	122.56	252.60	516.22			
11/24/99 18:00	1024.88	30.26	0.672	122.03	251.66	516.15	516.38		
11/24/99 18:15	1024.88	30.26	0.671	121.77	251.19	515.71			
11/24/99 18:30	1025.13	30.27	0.673	121.51	250.72	516.20			
11/24/99 18:45	1025.38	30.28	0.673	120.99	249.78	515.60			
11/24/99 19:00	1025.25	30.28	0.673	121.25	250.25	515.77	515.91		
11/24/99 19:15	1025.38	30.28	0.671	121.51	250.72	515.41			
11/24/99 19:30	1025.38	30.26	0.674	121.51	250.72	516.37			
11/24/99 19:45	1025.38	30.28	0.672	121.51	250.72	515.68			
11/24/99 20:00	1025.50	30.28	0.673	121.51	250.72	516.11	515.71		
11/24/99 20:15	1025.63	30.29	0.672	120.73	249.31	515.10			
11/24/99 20:30	1025.63	30.29	0.672	120.99	249.78	515.27			
11/24/99 20:45	1025.38	30.28	0.676	121.25	250.25	516.93			
11/24/99 21:00	1025.50	30.28	0.674	120.99	249.78	516.00	516.10		
11/24/99 21:15	1025.38	30.28	0.674	121.25	250.25	516.20			
11/24/99 21:30	1025.50	30.28	0.673	121.51	250.72	516.11			
11/24/99 21:45	1025.63	30.29	0.675	121.51	250.72	516.80			
11/24/99 22:00	1025.50	30.28	0.674	120.99	249.78	516.26	516.17		
11/24/99 22:15	1025.50	30.28	0.673	120.99	249.78	515.54			
11/24/99 22:30	1025.63	30.29	0.674	121.25	250.25	516.13			
11/24/99 22:45	1025.75	30.29	0.675	121.25	250.25	516.60			
11/24/99 23:00	1025.88	30.29	0.674	121.25	250.25	516.34	516.12		
11/24/99 23:15	1025.75	30.29	0.673	121.25	250.25	515.64			
11/24/99 23:30	1025.75	30.29	0.673	121.25	250.25	515.87			
11/24/99 23:45	1025.75	30.29	0.674	121.25	250.25	516.10			
11/25/99 0:00	1025.75	30.29	0.676	121.25	250.25	516.63	516.47		
11/25/99 0:15	1025.75	30.29	0.675	121.51	250.72	516.77			
11/25/99 0:30	1025.75	30.29	0.675	121.51	250.72	516.77			
11/25/99 0:45	1025.50	30.28	0.674	120.99	249.76	516.26			
11/25/99 1:00	1025.50	30.28	0.674	120.73	249.31	516.09	516.24		
11/25/99 1:15	1025.38	30.28	0.674	120.73	249.31	515.66			
11/25/99 1:30	1025.25	30.26	0.674	121.25	250.25	516.23			
11/25/99 1:45	1025.25	30.26	0.676	121.77	251.19	517.30			
11/25/99 2:00	1025.25	30.26	0.675	120.73	249.31	516.38	516.37		
11/25/99 2:15	1025.38	30.26	0.676	120.47	248.84	516.41			
11/25/99 2:30	1025.25	30.26	0.674	120.21	248.37	515.55			
11/25/99 2:45	1025.25	30.26	0.675	120.21	248.37	516.04			
11/25/99 3:00	1025.38	30.26	0.673	120.21	248.37	515.28	515.36		
11/25/99 3:15	1025.38	30.26	0.672	119.94	247.90	514.65			
11/25/99 3:30	1025.25	30.26	0.674	119.94	247.90	515.37			
11/25/99 3:45	1025.13	30.27	0.671	119.94	247.90	514.45			
11/25/99 4:00	1025.00	30.27	0.673	119.94	247.90	515.21	514.84		
11/25/99 4:15	1024.88	30.26	0.672	119.94	247.90	514.76			
11/25/99 4:30	1024.75	30.26	0.671	119.68	247.43	514.37			
11/25/99 4:45	1024.63	30.26	0.674	119.68	247.43	515.63			
11/25/99 5:00	1024.25	30.25	0.671	119.66	247.43	514.27	514.60		
11/25/99 5:15	1024.25	30.25	0.672	119.66	247.43	514.77			
11/25/99 5:30	1024.38	30.25	0.673	119.66	247.43	514.96			
11/25/99 5:45	1024.50	30.25	0.674	119.68	247.43	515.39			
11/25/99 6:00	1024.50	30.25	0.674	119.94	247.90	515.56	514.91		
11/25/99 6:15	1024.38	30.25	0.672	119.94	247.90	514.90			
11/25/99 6:30	1024.50	30.25	0.669	119.66	247.43	513.74			
11/25/99 6:45	1024.50	30.25	0.669	119.66	247.43	513.74			
11/25/99 7:00	1024.63	30.26	0.671	119.68	247.43	514.17	514.36		
11/25/99 7:15	1024.50	30.25	0.673	119.68	247.43	515.16			
11/25/99 7:30	1024.38	30.25	0.673	119.68	247.43	514.96			
11/25/99 7:45	1024.75	30.26	0.672	119.66	247.43	514.64			
11/25/99 8:00	1024.63	30.26	0.673	119.66	247.43	515.13	514.95		
11/25/99 8:15	1024.63	30.26	0.673	119.68	247.43	515.13			
11/25/99 8:30	1024.63	30.26	0.673	119.68	247.43	514.90			
11/25/99 8:45	1024.63	30.26	0.666	119.68	247.43	512.96			
11/25/99 9:00	1024.63	30.26	0.672	119.94	247.90	514.84	514.68		
11/25/99 9:15	1024.50	30.25	0.673	119.94	247.90	515.33			
11/25/99 9:30	1024.25	30.25	0.673	120.21	248.37	515.34			
11/25/99 9:45	1024.00	30.24	0.672	120.21	248.37	515.17			
11/25/99 10:00	1023.88	30.23	0.673	120.47	248.84	515.60	515.47		
11/25/99 10:15	1023.88	30.23	0.671	120.99	249.78	515.45			
11/25/99 10:30	1023.63	30.23	0.672	120.99	249.78	515.78			
11/25/99 10:45	1023.63	30.23	0.670	121.25	250.25	515.22			
11/25/99 11:00	1023.63	30.23	0.670	121.51	250.72	515.39	515.65		

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Date Time	Bar Press millbar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/25/99 11:15	1023.00	30.21	0.670	121.77	251.19	515.72			
11/25/99 11:30	1022.88	30.21	0.671	122.03	251.66	516.15			
11/25/99 11:45	1022.63	30.20	0.670	122.56	252.60	516.32			
11/25/99 12:00	1022.36	30.19	0.671	122.56	252.60	516.65	516.55		
11/25/99 12:15	1022.13	30.18	0.671	122.82	253.07	516.65			
11/25/99 12:30	1022.00	30.18	0.669	123.08	253.54	516.59			
11/25/99 12:45	1021.88	30.18	0.672	123.60	254.48	517.93			
11/25/99 13:00	1021.63	30.17	0.672	123.60	254.48	517.99	517.51		
11/25/99 13:15	1021.38	30.16	0.672	123.60	254.48	518.05			
11/25/99 13:30	1021.13	30.15	0.668	124.13	255.43	518.99			
11/25/99 13:45	1021.00	30.15	0.671	124.13	255.43	517.99			
11/25/99 14:00	1020.75	30.14	0.669	123.88	254.95	517.15	517.51		
11/25/99 14:15	1020.38	30.13	0.669	123.88	254.95	517.51			
11/25/99 14:30	1020.38	30.13	0.670	124.13	255.43	517.91			
11/25/99 14:45	1020.13	30.12	0.669	123.88	254.95	517.30			
11/25/99 15:00	1019.75	30.11	0.670	123.60	254.48	517.73	517.70		
11/25/99 15:15	1019.63	30.11	0.670	123.60	254.48	517.76			
11/25/99 15:30	1019.50	30.11	0.670	123.60	254.48	517.80			
11/25/99 15:45	1019.38	30.10	0.669	123.60	254.48	517.32			
11/25/99 16:00	1019.13	30.09	0.669	123.34	254.01	517.22	517.66		
11/25/99 16:15	1018.88	30.09	0.672	123.34	254.01	518.52			
11/25/99 16:30	1018.25	30.07	0.669	123.34	254.01	517.44			
11/25/99 16:45	1017.38	30.04	0.670	123.34	254.01	518.17			
11/25/99 17:00	1017.50	30.05	0.667	123.34	254.01	516.93	517.37		
11/25/99 17:15	1017.25	30.04	0.669	123.08	253.54	517.52			
11/25/99 17:30	1017.38	30.04	0.667	123.08	253.54	516.80			
11/25/99 17:45	1017.75	30.05	0.664	123.08	253.54	515.73			
11/25/99 18:00	1018.38	30.07	0.668	123.08	253.54	517.01	516.88		
11/25/99 18:15	1018.63	30.08	0.668	123.08	253.54	516.71			
11/25/99 18:30	1018.75	30.08	0.669	123.08	253.54	517.14			
11/25/99 18:45	1018.50	30.08	0.668	123.08	253.54	516.74			
11/25/99 19:00	1017.88	30.06	0.666	122.82	253.07	516.23	516.42		
11/25/99 19:15	1017.13	30.04	0.666	122.56	252.60	516.25			
11/25/99 19:30	1016.38	30.01	0.664	122.56	252.60	515.74			
11/25/99 19:45	1016.25	30.01	0.667	122.03	251.66	516.40			
11/25/99 20:00	1016.25	30.01	0.666	122.03	251.66	515.90	516.00		
11/25/99 20:15	1016.00	30.00	0.666	122.03	251.66	516.19			
11/25/99 20:30	1015.88	30.00	0.665	122.03	251.66	515.76			
11/25/99 20:45	1015.63	29.99	0.666	122.03	251.66	516.05			
11/25/99 21:00	1015.38	29.98	0.666	121.77	251.19	515.95	515.61		
11/25/99 21:15	1015.25	29.98	0.664	121.77	251.19	515.51			
11/25/99 21:30	1015.25	29.98	0.663	121.77	251.19	514.78			
11/25/99 21:45	1015.00	29.97	0.664	121.77	251.19	515.31			
11/25/99 22:00	1014.38	29.95	0.664	122.03	251.66	515.63	515.37		
11/25/99 22:15	1014.38	29.95	0.664	122.03	251.66	515.91			
11/25/99 22:30	1014.13	29.95	0.663	122.03	251.66	515.23			
11/25/99 22:45	1013.75	29.94	0.663	122.30	252.13	515.50			
11/25/99 23:00	1013.38	29.92	0.661	122.03	251.66	514.68	515.17		
11/25/99 23:15	1013.25	29.92	0.663	121.51	250.72	515.11			
11/25/99 23:30	1013.13	29.92	0.663	121.77	251.19	515.32			
11/25/99 23:45	1013.00	29.91	0.663	122.03	251.66	515.75			
11/26/99 0:00	1013.25	29.92	0.663	121.51	250.72	515.11	515.14		
11/26/99 0:15	1013.00	29.91	0.661	121.77	251.19	514.84			
11/26/99 0:30	1012.38	29.90	0.660	122.03	251.66	514.70			
11/26/99 0:45	1011.88	29.88	0.661	122.30	252.13	515.47			
11/26/99 1:00	1011.63	29.87	0.661	122.03	251.66	515.13	515.03		
11/26/99 1:15	1011.63	29.87	0.660	121.77	251.19	514.72			
11/26/99 1:30	1011.00	29.85	0.661	121.77	251.19	515.12			
11/26/99 1:45	1010.63	29.84	0.659	122.03	251.66	514.64			
11/26/99 2:00	1010.88	29.85	0.661	122.03	251.66	515.55	514.72		
11/26/99 2:15	1011.13	29.86	0.659	122.30	252.13	514.68			
11/26/99 2:30	1011.25	29.88	0.657	121.77	251.19	513.81			
11/26/99 2:45	1011.25	29.88	0.661	122.56	252.60	515.60			
11/26/99 3:00	1011.00	29.85	0.660	122.82	253.07	515.56	515.08		
11/26/99 3:15	1010.38	29.84	0.661	122.56	252.60	515.79			
11/26/99 3:30	1009.63	29.81	0.658	122.03	251.66	514.66			
11/26/99 3:45	1009.63	29.81	0.659	121.51	250.72	514.56			
11/26/99 4:00	1009.75	29.82	0.656	121.51	250.72	513.58	514.30		
11/26/99 4:15	1009.63	29.81	0.658	121.51	250.72	514.09			
11/26/99 4:30	1009.75	29.82	0.658	122.03	251.66	514.63			
11/26/99 4:45	1009.88	29.82	0.659	122.56	252.60	515.17			
11/26/99 5:00	1009.88	29.82	0.660	122.56	252.60	515.68	514.97		
11/26/99 5:15	1010.25	29.83	0.657	122.56	252.60	514.37			
11/26/99 5:30	1010.63	29.84	0.659	122.56	252.60	514.98			
11/26/99 5:45	1010.50	29.84	0.656	122.56	252.60	514.07			
11/26/99 6:00	1010.63	29.84	0.659	122.03	251.66	514.64	514.55		
11/26/99 6:15	1010.63	29.84	0.659	121.77	251.19	514.47			
11/26/99 6:30	1010.50	29.84	0.658	122.30	252.13	514.61			
11/26/99 6:45	1010.25	29.83	0.657	121.77	251.19	513.88			
11/26/99 7:00	1009.88	29.82	0.658	121.77	251.19	514.19	513.84		
11/26/99 7:15	1009.50	29.81	0.655	121.51	250.72	513.14			
11/26/99 7:30	1009.50	29.81	0.656	121.51	250.72	513.37			
11/26/99 7:45	1009.63	29.81	0.657	121.25	250.25	513.68			
11/26/99 8:00	1010.00	29.83	0.658	121.51	250.72	513.99	514.02		
11/26/99 8:15	1010.13	29.83	0.659	121.77	251.19	514.87			
11/26/99 8:30	1010.50	29.84	0.658	122.03	251.66	514.20			
11/26/99 8:45	1010.50	29.84	0.658	122.03	251.66	514.44			
11/26/99 9:00	1010.50	29.84	0.656	122.03	251.66	513.73	514.13		
11/26/99 9:15	1010.75	29.85	0.656	122.03	251.66	513.87			
11/26/99 9:30	1010.75	29.85	0.659	122.03	251.66	514.81			
11/26/99 9:45	1010.63	29.84	0.661	122.03	251.66	515.62			
11/26/99 10:00	1010.50	29.84	0.661	122.03	251.66	515.41	515.05		
11/26/99 10:15	1010.88	29.85	0.659	122.03	251.66	514.58			
11/26/99 10:30	1010.88	29.85	0.659	122.30	252.13	515.02			
11/26/99 10:45	1011.00	29.85	0.659	122.03	251.66	514.82			
11/26/99 11:00	1010.88	29.85	0.659	122.82	253.07	515.09	515.17		
11/26/99 11:15	1011.00	29.85	0.661	122.56	252.60	515.63			
11/26/99 11:30	1010.50	29.84	0.659	122.56	252.60	515.29			
11/26/99 11:45	1011.00	29.85	0.657	122.56	252.60	514.18			
11/26/99 12:00	1011.13	29.86	0.659	122.82	253.07	515.30	514.98		
11/26/99 12:15	1011.13	29.86	0.659	122.82	253.07	515.30			
11/26/99 12:30	1011.25	29.86	0.659	122.56	252.60	514.82			
11/26/99 12:45	1011.38	29.87	0.660	122.56	252.60	515.30			
11/26/99 13:00	1011.38	29.87	0.659	122.56	252.60	515.06	515.07		
11/26/99 13:15	1011.63	29.87	0.661	122.56	252.60	515.47			
11/26/99 13:30	1011.75	29.88	0.659	122.56	252.60	514.69			
11/26/99 13:45	1011.75	29.88	0.660	122.56	252.60	515.20			
11/26/99 14:00	1011.75	29.88	0.661	122.56	252.60	515.67	515.25		
11/26/99 14:15	1011.75	29.88	0.661	122.82	253.07	515.61			
11/26/99 14:30	1012.00	29.88	0.659	122.82	253.07	515.07			
11/26/99 14:45	1012.25	29.89	0.660	122.82	253.07	515.24			
11/26/99 15:00	1012.25	29.89	0.661	122.82	253.07	515.48	515.35		
11/26/99 15:15	1012.50	29.90	0.663	122.82	253.07	516.16			
11/26/99 15:30	1012.75	29.91	0.659	123.08	253.54	514.78			
11/26/99 15:45	1013.00	29.91	0.661	123.08	253.54	515.46			
11/26/99 16:00	1013.13	29.92	0.663	123.08	253.54	516.40	515.41		
11/26/99 16:15	1013.13	29.92	0.661	123.08	253.54	515.43			
11/26/99 16:30	1013.25	29.92	0.660	122.82	253.07	514.99			
11/26/99 16:45	1013.38	29.92	0.662	122.82	253.07	515.70			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/26/99 17:00	1013.38	29.92	0.661	122.30	252.13	515.09	514.82		
11/26/99 17:15	1013.50	29.93	0.659	121.77	251.19	514.01			
11/26/99 17:30	1013.50	29.93	0.661	121.51	250.72	514.31			
11/26/99 17:45	1013.50	29.93	0.660	120.99	249.78	513.74			
11/26/99 18:00	1013.38	29.92	0.659	120.99	249.78	513.26	513.60		
11/26/99 18:15	1013.25	29.92	0.659	120.47	248.84	513.23			
11/26/99 18:30	1013.25	29.92	0.660	120.47	248.84	513.46			
11/26/99 18:45	1013.38	29.92	0.659	121.25	250.25	513.43			
11/26/99 19:00	1013.50	29.93	0.661	121.77	251.19	514.71	513.75		
11/26/99 19:15	1013.63	29.93	0.662	121.25	250.25	514.61			
11/26/99 19:30	1014.00	29.94	0.658	120.47	248.84	512.53			
11/26/99 19:45	1014.13	29.95	0.659	120.21	248.37	512.63			
11/26/99 20:00	1014.13	29.95	0.658	120.21	248.37	512.33	513.27		
11/26/99 20:15	1014.13	29.95	0.662	120.99	249.78	514.32			
11/26/99 20:30	1014.13	29.95	0.662	120.99	249.78	514.32			
11/26/99 20:45	1014.00	29.94	0.661	120.21	248.37	513.33			
11/26/99 21:00	1014.00	29.94	0.658	119.94	247.90	511.96	513.40		
11/26/99 21:15	1014.13	29.95	0.662	119.94	247.90	513.63			
11/26/99 21:30	1014.25	29.95	0.661	120.99	249.78	513.78			
11/26/99 21:45	1014.25	29.95	0.660	120.21	248.37	513.04			
11/26/99 22:00	1014.38	29.95	0.658	119.94	247.90	512.10	512.68		
11/26/99 22:15	1014.38	29.95	0.660	119.94	247.90	512.63			
11/26/99 22:30	1014.50	29.96	0.658	119.68	247.43	511.66			
11/26/99 22:45	1014.75	29.97	0.658	119.68	247.43	511.83			
11/26/99 23:00	1015.00	29.97	0.661	119.94	247.90	512.91	512.46		
11/26/99 23:15	1015.13	29.98	0.661	119.94	247.90	512.88			
11/26/99 23:30	1014.88	29.97	0.661	119.88	247.43	513.00			
11/26/99 23:45	1014.63	29.96	0.659	119.94	247.90	512.27			
11/27/99 0:00	1014.88	29.97	0.661	120.21	248.37	513.11	513.01		
11/27/99 0:15	1015.00	29.97	0.663	120.21	248.37	514.05			
11/27/99 0:30	1015.13	29.98	0.660	119.94	247.90	512.64			
11/27/99 0:45	1015.00	29.97	0.658	119.68	247.43	511.53			
11/27/99 1:00	1014.88	29.97	0.659	119.68	247.43	512.03	512.42		
11/27/99 1:15	1014.75	29.97	0.661	119.68	247.43	513.03			
11/27/99 1:30	1014.63	29.96	0.661	119.68	247.43	512.83			
11/27/99 1:45	1014.63	29.96	0.659	119.68	247.43	512.10			
11/27/99 2:00	1014.75	29.97	0.660	119.68	247.43	512.57	512.52		
11/27/99 2:15	1014.75	29.97	0.659	119.68	247.43	512.34			
11/27/99 2:30	1014.88	29.97	0.661	119.68	247.43	512.77			
11/27/99 2:45	1015.00	29.97	0.659	119.68	247.43	512.00			
11/27/99 3:00	1014.75	29.97	0.661	119.42	246.96	512.86	512.40		
11/27/99 3:15	1015.00	29.97	0.660	119.68	247.43	512.51			
11/27/99 3:30	1014.88	29.97	0.659	119.42	246.96	511.66			
11/27/99 3:45	1014.88	29.97	0.657	119.42	246.96	511.16			
11/27/99 4:00	1014.88	29.97	0.661	119.42	246.96	512.60	511.83		
11/27/99 4:15	1015.00	29.97	0.656	119.68	247.43	511.07			
11/27/99 4:30	1015.13	29.98	0.660	119.68	247.43	512.47			
11/27/99 4:45	1015.00	29.97	0.661	119.42	246.96	512.80			
11/27/99 5:00	1015.25	29.98	0.660	119.42	246.96	512.27	512.33		
11/27/99 5:15	1015.38	29.98	0.660	119.42	246.96	512.24			
11/27/99 5:30	1015.25	29.98	0.659	119.16	246.49	511.87			
11/27/99 5:45	1015.00	29.97	0.659	119.16	246.49	511.66			
11/27/99 6:00	1015.00	29.97	0.659	119.16	246.49	511.93	511.96		
11/27/99 6:15	1015.50	29.99	0.660	119.42	246.96	512.21			
11/27/99 6:30	1015.75	30.00	0.660	119.42	246.96	512.15			
11/27/99 6:45	1015.88	30.00	0.661	119.68	247.43	512.52			
11/27/99 7:00	1016.38	30.01	0.663	119.68	247.43	513.36	512.69		
11/27/99 7:15	1016.50	30.02	0.663	119.68	247.43	513.10			
11/27/99 7:30	1016.63	30.02	0.661	119.68	247.43	512.33			
11/27/99 7:45	1016.75	30.02	0.660	119.68	247.43	512.06			
11/27/99 8:00	1016.75	30.02	0.661	119.68	247.43	512.30	512.35		
11/27/99 8:15	1016.88	30.03	0.662	119.94	247.90	512.94			
11/27/99 8:30	1017.00	30.03	0.659	120.21	248.37	512.11			
11/27/99 8:45	1017.13	30.04	0.662	120.21	248.37	513.05			
11/27/99 9:00	1017.25	30.04	0.660	120.47	248.84	512.45	512.80		
11/27/99 9:15	1017.00	30.03	0.661	120.73	249.31	513.15			
11/27/99 9:30	1017.38	30.04	0.661	120.99	249.78	513.22			
11/27/99 9:45	1017.50	30.05	0.663	120.99	249.78	513.93			
11/27/99 10:00	1017.38	30.04	0.661	120.99	249.78	512.99	513.60		
11/27/99 10:15	1017.38	30.04	0.663	121.51	250.72	514.07			
11/27/99 10:30	1017.50	30.05	0.662	121.51	250.72	513.80			
11/27/99 10:45	1017.75	30.05	0.664	121.77	251.19	514.88			
11/27/99 11:00	1017.88	30.06	0.663	121.77	251.19	514.34	514.36		
11/27/99 11:15	1018.00	30.06	0.663	122.30	252.13	514.65			
11/27/99 11:30	1017.88	30.06	0.661	122.56	252.60	514.12			
11/27/99 11:45	1017.13	30.04	0.661	122.56	252.60	514.31			
11/27/99 12:00	1017.13	30.04	0.664	123.08	253.54	515.62	514.86		
11/27/99 12:15	1017.13	30.04	0.663	123.08	253.54	515.15			
11/27/99 12:30	1017.13	30.04	0.662	123.34	254.01	515.09			
11/27/99 12:45	1017.13	30.04	0.661	123.60	254.48	514.75			
11/27/99 13:00	1017.25	30.04	0.660	123.60	254.48	514.49	515.52		
11/27/99 13:15	1017.13	30.04	0.665	123.86	254.95	516.63			
11/27/99 13:30	1017.50	30.05	0.664	124.39	255.90	516.64			
11/27/99 13:45	1017.50	30.05	0.663	124.39	255.90	515.90			
11/27/99 14:00	1017.63	30.05	0.664	124.39	255.90	516.34	516.15		
11/27/99 14:15	1017.38	30.04	0.663	124.39	255.90	516.17			
11/27/99 14:30	1017.38	30.04	0.662	124.39	255.90	515.70			
11/27/99 14:45	1017.50	30.05	0.664	124.85	256.37	516.81			
11/27/99 15:00	1017.75	30.05	0.665	124.85	256.37	516.98	516.57		
11/27/99 15:15	1017.88	30.06	0.663	124.85	256.37	516.21			
11/27/99 15:30	1018.13	30.07	0.668	124.85	256.37	517.12			
11/27/99 15:45	1018.13	30.07	0.664	124.39	255.90	516.21			
11/27/99 16:00	1018.25	30.07	0.663	124.39	255.90	515.71	516.36		
11/27/99 16:15	1018.50	30.08	0.663	124.39	255.90	515.86			
11/27/99 16:30	1018.50	30.08	0.666	124.39	255.90	516.88			
11/27/99 16:45	1018.50	30.08	0.666	124.13	255.43	516.69			
11/27/99 17:00	1018.75	30.08	0.665	123.60	254.48	516.05	516.15		
11/27/99 17:15	1019.00	30.09	0.666	123.34	254.01	516.28			
11/27/99 17:30	1019.13	30.09	0.663	123.08	253.54	514.88			
11/27/99 17:45	1019.25	30.10	0.664	122.56	252.60	514.74			
11/27/99 18:00	1019.50	30.11	0.663	122.30	252.13	514.27	514.68		
11/27/99 18:15	1019.63	30.11	0.665	122.30	252.13	514.98			
11/27/99 18:30	1020.00	30.12	0.665	121.77	251.19	514.54			
11/27/99 18:45	1020.25	30.13	0.666	121.51	250.72	514.77			
11/27/99 19:00	1020.38	30.13	0.664	121.51	250.72	513.78	514.28		
11/27/99 19:15	1020.63	30.14	0.665	121.25	250.25	514.05			
11/27/99 19:30	1020.88	30.15	0.666	120.99	249.78	514.28			
11/27/99 19:45	1021.00	30.15	0.666	120.99	249.78	514.24			
11/27/99 20:00	1021.25	30.16	0.665	120.99	249.78	513.72	513.81		
11/27/99 20:15	1021.50	30.16	0.667	120.73	249.31	514.22			
11/27/99 20:30	1021.75	30.17	0.664	120.21	248.37	512.58			
11/27/99 20:45	1021.88	30.18	0.666	120.47	248.84	513.68			
11/27/99 21:00	1022.00	30.18	0.667	120.73	249.31	514.09	513.26		
11/27/99 21:15	1022.13	30.18	0.664	120.73	249.31	512.83			
11/27/99 21:30	1022.25	30.19	0.665	120.47	248.84	513.13			
11/27/99 21:45	1022.50	30.19	0.665	120.21	248.37	512.69			
11/27/99 22:00	1022.63	30.20	0.666	120.21	248.37	513.33	513.16		
11/27/99 22:15	1022.75	30.20	0.666	120.21	248.37	513.06			
11/27/99 22:30	1022.75	30.20	0.666	120.73	249.31	513.40			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/27/99 22:45	1022.88	30.21	0.664	120.73	249.31	512.64			
11/27/99 23:00	1023.25	30.22	0.665	120.73	249.31	513.05	513.35		
11/27/99 23:15	1023.50	30.22	0.668	120.21	248.37	513.61			
11/27/99 23:30	1023.63	30.23	0.669	120.21	248.37	514.04			
11/27/99 23:45	1023.75	30.23	0.666	119.94	247.90	512.87			
11/28/99 0:00	1023.75	30.23	0.668	119.68	247.43	513.43	514.24		
11/28/99 0:15	1023.75	30.23	0.671	121.51	250.72	515.59			
11/28/99 0:30	1023.88	30.23	0.669	121.77	251.19	515.27			
11/28/99 0:45	1024.13	30.24	0.665	120.99	249.78	513.00			
11/28/99 1:00	1024.13	30.24	0.666	120.21	248.37	512.72	513.31		
11/28/99 1:15	1024.13	30.24	0.667	119.68	247.43	512.86			
11/28/99 1:30	1024.13	30.24	0.667	119.42	246.96	512.71			
11/28/99 1:45	1024.13	30.24	0.668	119.18	246.49	512.77			
11/28/99 2:00	1024.38	30.25	0.666	119.16	246.49	511.97	512.26		
11/28/99 2:15	1024.38	30.25	0.667	118.90	246.02	512.30			
11/28/99 2:30	1024.50	30.25	0.665	118.90	246.02	511.54			
11/28/99 2:45	1024.75	30.26	0.667	120.21	248.37	513.08			
11/28/99 3:00	1024.88	30.26	0.668	120.99	249.78	513.77	513.40		
11/28/99 3:15	1025.25	30.28	0.668	121.77	251.19	514.19			
11/28/99 3:30	1025.38	30.28	0.669	121.51	250.72	514.45			
11/28/99 3:45	1025.63	30.29	0.669	120.73	249.31	513.88			
11/28/99 4:00	1025.75	30.29	0.666	121.25	250.25	512.99	514.04		
11/28/99 4:15	1026.00	30.30	0.670	120.73	249.31	514.28			
11/28/99 4:30	1026.00	30.30	0.670	121.25	250.25	514.62			
11/28/99 4:45	1026.13	30.30	0.669	121.25	250.25	514.38			
11/28/99 5:00	1026.25	30.31	0.670	120.99	249.78	514.39	514.35		
11/28/99 5:15	1026.50	30.31	0.669	120.47	248.84	513.49			
11/28/99 5:30	1026.50	30.31	0.671	121.51	250.72	514.90			
11/28/99 5:45	1026.63	30.32	0.671	121.25	250.25	514.70			
11/28/99 6:00	1027.00	30.33	0.672	121.25	250.25	515.10	514.37		
11/28/99 6:15	1027.50	30.34	0.668	120.99	249.78	513.35			
11/28/99 6:30	1027.63	30.35	0.669	120.99	249.78	513.81			
11/28/99 6:45	1027.63	30.35	0.671	121.25	250.25	514.44			
11/28/99 7:00	1027.75	30.35	0.671	120.47	248.84	513.90	513.94		
11/28/99 7:15	1028.00	30.36	0.670	120.21	248.37	513.44			
11/28/99 7:30	1028.25	30.36	0.671	120.99	249.78	514.12			
11/28/99 7:45	1028.50	30.37	0.673	120.99	249.78	514.78			
11/28/99 8:00	1028.50	30.37	0.670	121.51	250.72	514.17	513.71		
11/28/99 8:15	1028.63	30.38	0.670	120.21	248.37	513.28			
11/28/99 8:30	1028.75	30.38	0.668	119.68	247.43	512.16			
11/28/99 8:45	1028.88	30.38	0.671	120.73	249.31	514.02			
11/28/99 9:00	1028.88	30.38	0.669	120.47	248.84	513.16	513.50		
11/28/99 9:15	1029.00	30.39	0.672	120.73	249.31	514.26			
11/28/99 9:30	1029.13	30.39	0.671	120.99	249.78	513.90			
11/28/99 9:45	1029.50	30.40	0.669	120.21	248.37	512.57			
11/28/99 10:00	1029.63	30.40	0.669	120.21	248.37	512.80	513.46		
11/28/99 10:15	1029.75	30.41	0.673	120.73	249.31	514.30			
11/28/99 10:30	1029.88	30.41	0.671	120.99	249.78	513.71			
11/28/99 10:45	1030.00	30.42	0.669	121.51	250.72	513.56			
11/28/99 11:00	1030.00	30.42	0.670	121.77	251.19	513.96	514.46		
11/28/99 11:15	1030.13	30.42	0.674	122.30	252.13	515.69			
11/28/99 11:30	1030.13	30.42	0.673	122.56	252.60	515.40			
11/28/99 11:45	1029.88	30.41	0.671	123.08	253.54	515.30			
11/28/99 12:00	1029.50	30.40	0.672	123.08	253.54	515.67	515.03		
11/28/99 12:15	1029.25	30.39	0.668	123.08	253.54	514.27			
11/28/99 12:30	1029.13	30.39	0.669	123.08	253.54	514.53			
11/28/99 12:45	1029.00	30.39	0.671	123.34	254.01	515.69			
11/28/99 13:00	1028.88	30.38	0.669	123.60	254.48	514.93	515.46		
11/28/99 13:15	1028.88	30.38	0.670	123.88	254.95	515.60			
11/28/99 13:30	1028.88	30.38	0.673	123.88	254.95	516.56			
11/28/99 13:45	1028.88	30.38	0.672	124.13	255.43	516.50			
11/28/99 14:00	1028.75	30.38	0.669	124.39	255.90	515.74	516.29		
11/28/99 14:15	1028.75	30.38	0.671	124.39	255.90	516.43			
11/28/99 14:30	1028.63	30.38	0.671	124.39	255.90	516.23			
11/28/99 14:45	1028.75	30.38	0.671	124.39	255.90	516.43			
11/28/99 15:00	1028.88	30.38	0.669	124.39	255.90	515.71	516.18		
11/28/99 15:15	1029.00	30.39	0.670	124.39	255.90	515.91			
11/28/99 15:30	1029.00	30.39	0.672	124.39	255.90	516.64			
11/28/99 15:45	1029.13	30.39	0.671	124.39	255.90	516.34			
11/28/99 16:00	1029.38	30.40	0.668	124.39	255.90	514.85	515.94		
11/28/99 16:15	1029.50	30.40	0.669	124.39	255.90	515.55			
11/28/99 16:30	1029.63	30.40	0.672	124.13	255.43	516.31			
11/28/99 16:45	1029.63	30.40	0.673	124.13	255.43	516.54			
11/28/99 17:00	1029.75	30.41	0.671	123.60	254.48	515.67	515.74		
11/28/99 17:15	1029.88	30.41	0.669	123.60	254.48	514.95			
11/28/99 17:30	1030.13	30.42	0.671	123.08	253.54	515.24			
11/28/99 17:45	1030.13	30.42	0.670	122.82	253.07	514.61			
11/28/99 18:00	1030.13	30.42	0.670	122.30	252.13	514.27	514.45		
11/28/99 18:15	1030.25	30.42	0.673	121.77	251.19	514.86			
11/28/99 18:30	1030.38	30.43	0.669	121.25	250.25	513.30			
11/28/99 18:45	1030.38	30.43	0.671	120.99	249.78	513.59			
11/28/99 19:00	1030.50	30.43	0.669	120.73	249.31	512.93	513.28		
11/28/99 19:15	1030.88	30.44	0.671	120.47	248.84	513.35			
11/28/99 19:30	1031.00	30.45	0.672	119.94	247.90	513.25			
11/28/99 19:45	1031.13	30.45	0.669	119.94	247.90	511.99			
11/28/99 20:00	1031.25	30.45	0.669	119.68	247.43	511.79	512.36		
11/28/99 20:15	1031.25	30.45	0.670	119.68	247.43	512.29			
11/28/99 20:30	1031.38	30.46	0.671	119.68	247.43	512.49			
11/28/99 20:45	1031.38	30.46	0.673	119.68	247.43	513.21			
11/28/99 21:00	1031.63	30.46	0.670	119.16	246.49	511.86	512.21		
11/28/99 21:15	1031.50	30.46	0.669	119.16	246.49	511.39			
11/28/99 21:30	1031.50	30.46	0.671	119.16	246.49	512.12			
11/28/99 21:45	1031.63	30.46	0.673	120.21	248.37	513.72			
11/28/99 22:00	1031.38	30.46	0.673	121.25	250.25	514.24	513.30		
11/28/99 22:15	1031.50	30.46	0.670	120.21	248.37	512.57			
11/28/99 22:30	1031.63	30.46	0.671	121.51	250.72	513.65			
11/28/99 22:45	1031.75	30.47	0.669	121.25	250.25	512.96			
11/28/99 23:00	1031.75	30.47	0.672	120.73	249.31	513.57	513.46		
11/28/99 23:15	1031.88	30.47	0.673	120.21	248.37	513.43			
11/28/99 23:30	1031.75	30.47	0.671	121.51	250.72	513.59			
11/28/99 23:45	1031.75	30.47	0.673	120.99	249.78	513.97			
11/29/99 0:00	1031.63	30.46	0.670	120.99	249.78	513.05	513.68		
11/29/99 0:15	1031.63	30.46	0.671	121.25	250.25	513.68			
11/29/99 0:30	1031.63	30.46	0.672	121.51	250.72	514.11			
11/29/99 0:45	1031.75	30.47	0.671	121.51	250.72	513.81			
11/29/99 1:00	1031.75	30.47	0.670	119.94	247.90	512.34	513.42		
11/29/99 1:15	1031.75	30.47	0.671	119.68	247.43	512.39			
11/29/99 1:30	1031.75	30.47	0.674	120.99	249.78	514.43			
11/29/99 1:45	1031.88	30.47	0.673	120.73	249.31	513.77			
11/29/99 2:00	1031.88	30.47	0.669	120.73	249.31	512.58	513.47		
11/29/99 2:15	1032.00	30.47	0.671	120.73	249.31	513.24			
11/29/99 2:30	1032.00	30.47	0.672	120.47	248.84	513.34			
11/29/99 2:45	1032.00	30.47	0.671	120.21	248.37	512.90			
11/29/99 3:00	1032.00	30.47	0.669	121.25	250.25	512.69	513.13		
11/29/99 3:15	1032.00	30.47	0.670	120.73	249.31	512.76			
11/29/99 3:30	1032.00	30.47	0.671	121.51	250.72	513.75			
11/29/99 3:45	1032.00	30.47	0.671	119.94	247.90	512.50			
11/29/99 4:00	1032.00	30.47	0.672	120.47	248.84	513.34	513.15		
11/29/99 4:15	1032.00	30.47	0.671	120.73	249.31	513.24			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/29/99 4:30	1032.13	30.48	0.670	120.99	249.78	512.92			
11/29/99 4:45	1032.25	30.48	0.674	121.25	250.25	514.48			
11/29/99 5:00	1032.38	30.49	0.671	120.21	248.37	512.58	513.15		
11/29/99 5:15	1032.50	30.49	0.671	121.25	250.25	513.48			
11/29/99 5:30	1032.63	30.49	0.669	120.99	249.78	512.30			
11/29/99 5:45	1032.75	30.50	0.672	119.94	247.90	512.81			
11/29/99 6:00	1032.88	30.50	0.673	120.99	249.78	513.69	512.95		
11/29/99 6:15	1032.88	30.50	0.671	121.51	250.72	513.54			
11/29/99 6:30	1032.88	30.50	0.670	120.47	248.84	512.40			
11/29/99 6:45	1033.13	30.51	0.671	120.73	249.31	512.73			
11/29/99 7:00	1033.13	30.51	0.671	120.99	249.78	513.13	512.92		
11/29/99 7:15	1033.13	30.51	0.671	121.25	250.25	513.30			
11/29/99 7:30	1033.25	30.51	0.672	120.47	248.84	513.03			
11/29/99 7:45	1033.38	30.52	0.672	121.25	250.25	513.51			
11/29/99 8:00	1033.50	30.52	0.671	121.25	250.25	512.98	513.19		
11/29/99 8:15	1033.63	30.52	0.671	120.99	249.78	512.76			
11/29/99 8:30	1033.75	30.53	0.673	121.25	250.25	513.64			
11/29/99 8:45	1033.88	30.53	0.669	120.73	249.31	512.09			
11/29/99 9:00	1034.00	30.53	0.672	121.51	250.72	513.52	513.40		
11/29/99 9:15	1034.13	30.54	0.672	121.77	251.19	513.66			
11/29/99 9:30	1034.13	30.54	0.673	122.03	251.66	514.06			
11/29/99 9:45	1034.25	30.54	0.672	122.03	251.66	513.80			
11/29/99 10:00	1034.25	30.54	0.668	121.51	250.72	512.01	514.59		
11/29/99 10:15	1034.38	30.55	0.698	119.42	246.96	521.73			
11/29/99 10:30	1034.38	30.55	0.667	121.25	250.25	511.35			
11/29/99 10:45	1034.38	30.55	0.670	121.77	251.19	512.87			
11/29/99 11:00	1034.50	30.55	0.666	121.77	251.19	512.11	512.64		
11/29/99 11:15	1034.50	30.55	0.672	121.77	251.19	513.57			
11/29/99 11:30	1034.38	30.55	0.671	122.03	251.66	513.27			
11/29/99 11:45	1034.25	30.54	0.671	122.30	252.13	513.70			
11/29/99 12:00	1034.13	30.54	0.670	122.30	252.13	513.27	513.33		
11/29/99 12:15	1034.00	30.53	0.671	122.03	251.66	513.37			
11/29/99 12:30	1033.75	30.53	0.669	122.56	252.60	513.04			
11/29/99 12:45	1033.63	30.52	0.671	122.82	253.07	514.20			
11/29/99 13:00	1033.63	30.52	0.670	123.08	253.54	513.91	513.94		
11/29/99 13:15	1033.63	30.52	0.670	123.08	253.54	513.91			
11/29/99 13:30	1033.63	30.52	0.672	123.08	253.54	514.64			
11/29/99 13:45	1033.63	30.52	0.669	123.08	253.54	513.68			
11/29/99 14:00	1033.63	30.52	0.671	123.08	253.54	514.14	514.37		
11/29/99 14:15	1033.75	30.53	0.673	123.08	253.54	514.83			
11/29/99 14:30	1033.88	30.53	0.672	123.08	253.54	514.57			
11/29/99 14:45	1034.00	30.53	0.673	123.08	253.54	514.77			
11/29/99 15:00	1034.13	30.54	0.671	122.82	253.07	513.84	514.24		
11/29/99 15:15	1034.38	30.55	0.671	123.08	253.54	513.95			
11/29/99 15:30	1034.63	30.55	0.672	122.56	252.60	514.05			
11/29/99 15:45	1034.88	30.56	0.671	122.03	251.66	513.15			
11/29/99 16:00	1035.13	30.57	0.673	121.77	251.19	513.64	513.86		
11/29/99 16:15	1035.13	30.57	0.674	121.77	251.19	514.10			
11/29/99 16:30	1035.25	30.57	0.674	121.77	251.19	514.34			
11/29/99 16:45	1035.38	30.57	0.672	121.51	250.72	513.18			
11/29/99 17:00	1035.50	30.58	0.669	121.25	250.25	512.03	513.09		
11/29/99 17:15	1035.75	30.59	0.673	120.99	249.78	512.98			
11/29/99 17:30	1036.00	30.59	0.673	120.99	249.78	512.92			
11/29/99 17:45	1036.13	30.60	0.673	120.47	248.84	512.77			
11/29/99 18:00	1036.38	30.60	0.674	120.47	248.84	512.94	513.10		
11/29/99 18:15	1036.38	30.60	0.671	121.25	250.25	512.50			
11/29/99 18:30	1036.25	30.60	0.676	121.51	250.72	514.38			
11/29/99 18:45	1036.38	30.60	0.671	120.47	248.84	511.76			
11/29/99 19:00	1036.50	30.61	0.675	119.94	247.90	513.06	513.21		
11/29/99 19:15	1036.63	30.61	0.674	121.25	250.25	513.39			
11/29/99 19:30	1036.63	30.61	0.674	120.99	249.78	513.49			
11/29/99 19:45	1036.75	30.62	0.675	121.25	250.25	513.85			
11/29/99 20:00	1037.00	30.62	0.676	121.51	250.72	514.42	513.76		
11/29/99 20:15	1037.13	30.63	0.675	121.77	251.19	514.10			
11/29/99 20:30	1037.25	30.63	0.675	120.21	248.37	513.05			
11/29/99 20:45	1037.38	30.63	0.673	119.68	247.43	511.95			
11/29/99 21:00	1037.50	30.64	0.675	121.25	250.25	513.67	513.28		
11/29/99 21:15	1037.63	30.64	0.677	121.51	250.72	514.53			
11/29/99 21:30	1037.75	30.64	0.674	120.99	249.78	513.21			
11/29/99 21:45	1037.88	30.65	0.676	119.94	247.90	513.16			
11/29/99 22:00	1037.88	30.65	0.676	121.51	250.72	513.97	513.85		
11/29/99 22:15	1037.88	30.65	0.678	121.51	250.72	514.70			
11/29/99 22:30	1037.88	30.65	0.676	121.51	250.72	514.20			
11/29/99 22:45	1038.00	30.65	0.678	120.99	249.78	514.32			
11/29/99 23:00	1038.00	30.65	0.676	120.73	249.31	513.43	514.01		
11/29/99 23:15	1038.13	30.66	0.676	121.51	250.72	514.14			
11/29/99 23:30	1038.13	30.66	0.676	120.47	248.84	513.95			
11/29/99 23:45	1038.13	30.66	0.674	119.42	246.96	511.83			
11/30/99 0:00	1038.25	30.66	0.675	119.94	247.90	512.63	513.47		
11/30/99 0:15	1038.25	30.66	0.678	121.25	250.25	514.66			
11/30/99 0:30	1038.25	30.66	0.678	120.99	249.78	514.28			
11/30/99 0:45	1038.13	30.66	0.677	121.25	250.25	514.24			
11/30/99 1:00	1038.13	30.66	0.677	121.25	250.25	514.24	514.03		
11/30/99 1:15	1038.13	30.66	0.677	120.99	249.78	514.06			
11/30/99 1:30	1038.13	30.66	0.675	120.99	249.78	513.34			
11/30/99 1:45	1038.13	30.66	0.673	120.21	248.37	512.11			
11/30/99 2:00	1038.13	30.66	0.675	119.16	246.49	512.15	512.65		
11/30/99 2:15	1038.25	30.66	0.675	120.47	248.84	512.97			
11/30/99 2:30	1038.38	30.66	0.676	119.68	247.43	512.66			
11/30/99 2:45	1038.38	30.66	0.676	119.94	247.90	513.06			
11/30/99 3:00	1038.38	30.66	0.677	120.47	248.84	513.66	513.29		
11/30/99 3:15	1038.38	30.66	0.678	120.99	249.78	514.46			
11/30/99 3:30	1038.38	30.66	0.674	120.73	249.31	512.62			
11/30/99 3:45	1038.38	30.66	0.675	120.21	248.37	512.77			
11/30/99 4:00	1038.38	30.66	0.677	120.73	249.31	513.83	512.90		
11/30/99 4:15	1038.38	30.66	0.675	120.21	248.37	512.77			
11/30/99 4:30	1038.50	30.67	0.674	120.21	248.37	512.51			
11/30/99 4:45	1038.50	30.67	0.675	120.73	249.31	513.08			
11/30/99 5:00	1038.50	30.67	0.676	120.73	249.31	513.31	512.97		
11/30/99 5:15	1038.63	30.67	0.676	120.47	248.84	513.33			
11/30/99 5:30	1038.75	30.67	0.674	120.47	248.84	512.62			
11/30/99 5:45	1038.75	30.67	0.676	120.47	248.84	513.80			
11/30/99 6:00	1038.75	30.67	0.676	120.47	248.84	513.30	512.67		
11/30/99 6:15	1039.00	30.68	0.675	120.21	248.37	512.62			
11/30/99 6:30	1039.25	30.69	0.673	120.47	248.84	512.00			
11/30/99 6:45	1039.38	30.69	0.678	120.47	248.84	513.64			
11/30/99 7:00	1039.63	30.70	0.674	120.73	249.31	512.57	512.97		
11/30/99 7:15	1039.63	30.70	0.676	120.47	248.84	512.66			
11/30/99 7:30	1039.63	30.70	0.678	120.73	249.31	513.75			
11/30/99 7:45	1039.75	30.70	0.676	119.94	247.90	512.72			
11/30/99 8:00	1039.75	30.70	0.676	118.64	245.55	511.64	511.69		
11/30/99 8:15	1039.88	30.71	0.674	117.65	244.14	510.38			
11/30/99 8:30	1040.00	30.71	0.673	117.59	243.67	509.95			
11/30/99 8:45	1040.13	30.71	0.674	116.12	244.61	510.75			
11/30/99 9:00	1040.13	30.71	0.676	119.94	247.90	512.40	512.10		
11/30/99 9:15	1040.25	30.72	0.676	119.94	247.90	512.59			
11/30/99 9:30	1040.25	30.72	0.679	121.51	250.72	514.63			
11/30/99 9:45	1040.38	30.72	0.677	121.25	250.25	513.68			
11/30/99 10:00	1040.38	30.72	0.676	119.94	247.90	512.56	512.92		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
11/30/99 10:15	1040.25	30.72	0.675	119.68	247.43	511.97			
11/30/99 10:30	1040.25	30.72	0.674	119.42	246.96	511.57			
11/30/99 10:45	1040.25	30.72	0.674	119.42	246.96	511.30			
11/30/99 11:00	1040.25	30.72	0.674	119.68	247.43	511.47	511.84		
11/30/99 11:15	1040.13	30.71	0.674	119.68	247.43	511.77			
11/30/99 11:30	1039.88	30.71	0.675	119.68	247.43	512.06			
11/30/99 11:45	1039.63	30.70	0.674	119.94	247.90	511.80			
11/30/99 12:00	1039.38	30.69	0.673	120.21	248.37	511.57	511.94		
11/30/99 12:15	1039.13	30.69	0.673	120.21	248.37	511.64			
11/30/99 12:30	1038.88	30.68	0.675	120.21	248.37	512.85			
11/30/99 12:45	1038.75	30.67	0.676	120.21	248.37	512.91			
11/30/99 13:00	1038.63	30.67	0.674	120.21	248.37	512.21	512.57		
11/30/99 13:15	1038.63	30.67	0.676	120.21	248.37	512.94			
11/30/99 13:30	1038.50	30.67	0.673	120.73	249.31	512.13			
11/30/99 13:45	1038.38	30.66	0.672	120.99	249.78	512.10			
11/30/99 14:00	1038.25	30.66	0.673	120.99	249.78	512.36	512.26		
11/30/99 14:15	1038.00	30.65	0.673	120.99	249.78	512.42			
11/30/99 14:30	1037.88	30.65	0.673	120.73	249.31	512.28			
11/30/99 14:45	1037.75	30.64	0.672	120.73	249.31	512.09			
11/30/99 15:00	1038.00	30.65	0.674	120.73	249.31	512.71	512.10		
11/30/99 15:15	1038.13	30.66	0.673	120.47	248.84	512.05			
11/30/99 15:30	1038.13	30.66	0.671	120.21	248.37	511.39			
11/30/99 15:45	1038.25	30.66	0.673	120.21	248.37	512.08			
11/30/99 16:00	1038.25	30.66	0.672	120.21	248.37	511.62	511.84		
11/30/99 16:15	1038.25	30.66	0.671	120.21	248.37	511.13			
11/30/99 16:30	1038.25	30.66	0.674	121.25	250.25	512.99			
11/30/99 16:45	1038.38	30.66	0.674	121.77	251.19	513.30			
11/30/99 17:00	1038.25	30.66	0.673	121.25	250.25	512.53	512.20		
11/30/99 17:15	1038.38	30.66	0.672	120.47	248.84	511.76			
11/30/99 17:30	1038.50	30.67	0.669	119.94	247.90	510.44			
11/30/99 17:45	1038.50	30.67	0.671	119.68	247.43	510.73			
11/30/99 18:00	1038.38	30.66	0.671	119.68	247.43	510.99	511.38		
11/30/99 18:15	1038.38	30.66	0.675	120.47	248.84	512.94			
11/30/99 18:30	1038.50	30.67	0.673	120.21	248.37	511.79			
11/30/99 18:45	1038.50	30.67	0.674	120.99	249.78	512.78			
11/30/99 19:00	1038.50	30.67	0.672	120.47	248.84	511.73	511.45		
11/30/99 19:15	1038.38	30.66	0.671	120.47	248.84	511.49			
11/30/99 19:30	1038.25	30.66	0.668	119.16	246.49	509.50			
11/30/99 19:45	1038.25	30.66	0.673	119.94	247.90	511.91			
11/30/99 20:00	1038.25	30.66	0.669	118.90	246.02	509.55	509.70		
11/30/99 20:15	1038.25	30.66	0.668	118.12	244.61	508.82			
11/30/99 20:30	1038.25	30.66	0.669	117.59	243.67	508.71			
11/30/99 20:45	1038.25	30.66	0.674	119.42	246.96	511.80			
11/30/99 21:00	1038.25	30.66	0.671	119.42	246.96	510.85	511.28		
11/30/99 21:15	1038.25	30.66	0.673	120.47	248.84	512.25			
11/30/99 21:30	1038.00	30.65	0.674	120.47	248.84	512.81			
11/30/99 21:45	1037.88	30.65	0.672	120.21	248.37	511.71			
11/30/99 22:00	1037.88	30.65	0.671	119.42	246.96	510.71	511.34		
11/30/99 22:15	1037.75	30.64	0.671	119.68	247.43	511.14			
11/30/99 22:30	1037.63	30.64	0.668	120.21	248.37	510.33			
11/30/99 22:45	1037.63	30.64	0.671	120.21	248.37	511.28			
11/30/99 23:00	1037.63	30.64	0.671	120.47	248.84	511.45	510.78		
11/30/99 23:15	1037.50	30.64	0.668	119.94	247.90	509.96			
11/30/99 23:30	1037.63	30.64	0.670	119.94	247.90	510.88			
11/30/99 23:45	1037.50	30.64	0.672	119.94	247.90	511.64			
12/1/99 0:00	1037.50	30.64	0.670	120.21	248.37	511.08	511.36		
12/1/99 0:15	1037.25	30.63	0.671	120.47	248.84	511.77			
12/1/99 0:30	1037.25	30.63	0.671	119.94	247.90	511.43			
12/1/99 0:45	1037.00	30.62	0.671	120.21	248.37	511.44			
12/1/99 1:00	1036.88	30.62	0.668	119.94	247.90	510.34	510.89		
12/1/99 1:15	1036.63	30.61	0.668	119.42	246.96	510.06			
12/1/99 1:30	1036.50	30.61	0.670	119.94	247.90	511.16			
12/1/99 1:45	1036.63	30.61	0.664	118.12	244.61	507.80			
12/1/99 2:00	1036.50	30.61	0.669	119.42	246.96	510.59	510.51		
12/1/99 2:15	1036.38	30.60	0.671	119.94	247.90	511.65			
12/1/99 2:30	1036.38	30.60	0.670	120.21	248.37	511.36			
12/1/99 2:45	1036.38	30.60	0.668	119.42	246.96	510.13			
12/1/99 3:00	1036.38	30.60	0.669	119.42	246.96	510.62	510.33		
12/1/99 3:15	1036.38	30.60	0.669	119.94	247.90	510.96			
12/1/99 3:30	1036.38	30.60	0.665	118.90	246.02	508.60			
12/1/99 3:45	1036.38	30.60	0.666	119.16	246.49	509.23			
12/1/99 4:00	1036.25	30.60	0.669	118.90	246.02	510.31	509.67		
12/1/99 4:15	1036.38	30.60	0.668	119.68	247.43	510.07			
12/1/99 4:30	1036.38	30.60	0.666	119.42	246.96	510.13			
12/1/99 4:45	1036.50	30.61	0.669	119.42	246.96	510.32			
12/1/99 5:00	1036.63	30.61	0.668	119.94	247.90	510.17	509.92		
12/1/99 5:15	1036.63	30.61	0.666	119.42	246.96	509.34			
12/1/99 5:30	1036.50	30.61	0.667	119.42	246.96	509.84			
12/1/99 5:45	1036.63	30.61	0.668	119.68	247.43	510.01			
12/1/99 6:00	1036.63	30.61	0.669	119.94	247.90	510.90	510.21		
12/1/99 6:15	1036.63	30.61	0.668	119.68	247.43	510.23			
12/1/99 6:30	1036.50	30.61	0.666	119.68	247.43	510.27			
12/1/99 6:45	1036.25	30.60	0.668	119.68	247.43	510.10			
12/1/99 7:00	1036.13	30.60	0.666	119.94	247.90	509.80	510.03		
12/1/99 7:15	1035.88	30.59	0.666	119.94	247.90	509.86			
12/1/99 7:30	1035.88	30.59	0.667	119.94	247.90	510.13			
12/1/99 7:45	1035.88	30.59	0.668	119.94	247.90	510.36			
12/1/99 8:00	1035.75	30.59	0.666	119.94	247.90	509.89	510.07		
12/1/99 8:15	1035.63	30.58	0.666	119.94	247.90	509.92			
12/1/99 8:30	1035.63	30.58	0.667	119.68	247.43	510.02			
12/1/99 8:45	1035.75	30.59	0.664	120.21	248.37	509.37			
12/1/99 9:00	1035.63	30.58	0.666	119.94	247.90	509.92	509.83		
12/1/99 9:15	1035.63	30.58	0.666	120.47	248.84	510.03			
12/1/99 9:30	1035.63	30.58	0.665	120.47	248.84	509.80			
12/1/99 9:45	1035.50	30.58	0.663	119.68	247.43	508.60			
12/1/99 10:00	1035.38	30.57	0.665	119.16	246.49	509.02	508.85		
12/1/99 10:15	1035.38	30.57	0.663	119.16	246.49	508.29			
12/1/99 10:30	1035.25	30.57	0.664	119.16	246.49	508.55			
12/1/99 10:45	1035.00	30.56	0.663	119.16	246.49	508.38			
12/1/99 11:00	1034.75	30.56	0.668	119.42	246.96	510.30	508.96		
12/1/99 11:15	1034.63	30.55	0.664	119.42	246.96	508.87			
12/1/99 11:30	1034.25	30.54	0.663	119.68	247.43	508.67			
12/1/99 11:45	1034.00	30.53	0.662	119.94	247.90	508.67			
12/1/99 12:00	1033.75	30.53	0.662	120.21	248.37	508.91	508.88		
12/1/99 12:15	1033.63	30.52	0.663	120.47	248.84	509.34			
12/1/99 12:30	1033.50	30.52	0.661	120.73	249.31	508.80			
12/1/99 12:45	1033.25	30.51	0.661	120.73	249.31	508.87			
12/1/99 13:00	1033.13	30.51	0.663	120.99	249.78	509.80	509.41		
12/1/99 13:15	1033.00	30.50	0.663	120.99	249.78	509.83			
12/1/99 13:30	1032.63	30.49	0.661	121.51	250.72	509.76			
12/1/99 13:45	1032.25	30.48	0.661	121.77	251.19	510.02			
12/1/99 14:00	1032.13	30.48	0.661	121.77	251.19	509.82	510.07		
12/1/99 14:15	1031.75	30.47	0.663	122.03	251.66	510.81			
12/1/99 14:30	1031.38	30.46	0.660	122.03	251.66	509.94			
12/1/99 14:45	1031.00	30.45	0.662	122.03	251.66	510.77			
12/1/99 15:00	1030.75	30.44	0.658	121.77	251.19	509.19	509.91		
12/1/99 15:15	1030.50	30.43	0.659	122.03	251.66	509.65			
12/1/99 15:30	1030.38	30.43	0.660	121.77	251.19	510.02			
12/1/99 15:45	1030.25	30.42	0.661	121.77	251.19	510.51			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/1/99 16:00	1030.13	30.42	0.659	121.51	250.72	509.66	509.65		
12/1/99 16:15	1030.00	30.42	0.660	120.99	249.78	509.61			
12/1/99 16:30	1029.88	30.41	0.657	120.99	249.78	508.44			
12/1/99 16:45	1029.88	30.41	0.658	120.99	249.78	508.90			
12/1/99 17:00	1029.75	30.41	0.659	120.99	249.78	509.44	508.87		
12/1/99 17:15	1029.63	30.40	0.659	120.99	249.78	509.47			
12/1/99 17:30	1029.88	30.41	0.657	120.47	248.84	508.10			
12/1/99 17:45	1029.88	30.41	0.656	119.94	247.90	507.26			
12/1/99 18:00	1029.75	30.41	0.659	119.68	247.43	508.32	507.71		
12/1/99 18:15	1029.88	30.41	0.658	119.42	246.96	507.66			
12/1/99 18:30	1029.75	30.41	0.656	119.42	246.96	507.23			
12/1/99 18:45	1029.63	30.40	0.657	120.73	249.31	508.33			
12/1/99 19:00	1029.50	30.40	0.658	120.21	248.37	508.49	508.23		
12/1/99 19:15	1029.63	30.40	0.656	120.21	248.37	508.23			
12/1/99 19:30	1029.63	30.40	0.659	120.47	248.84	508.86			
12/1/99 19:45	1029.63	30.40	0.656	120.73	249.31	507.83			
12/1/99 20:00	1029.50	30.40	0.658	120.99	249.78	508.99	508.81		
12/1/99 20:15	1029.38	30.40	0.658	120.99	249.78	509.03			
12/1/99 20:30	1029.50	30.40	0.659	120.73	249.31	509.33			
12/1/99 20:45	1029.50	30.40	0.654	120.21	248.37	507.06			
12/1/99 21:00	1029.50	30.40	0.658	119.94	247.90	508.09	507.61		
12/1/99 21:15	1029.25	30.39	0.656	119.68	247.43	507.52			
12/1/99 21:30	1029.00	30.39	0.655	119.68	247.43	507.08			
12/1/99 21:45	1028.88	30.38	0.656	119.42	246.96	507.44			
12/1/99 22:00	1028.75	30.38	0.656	119.42	246.96	507.47	507.39		
12/1/99 22:15	1028.63	30.38	0.656	120.47	248.84	508.18			
12/1/99 22:30	1028.50	30.37	0.654	119.42	246.96	506.80			
12/1/99 22:45	1028.50	30.37	0.656	119.68	247.43	507.43			
12/1/99 23:00	1028.25	30.36	0.656	120.47	248.84	508.00	507.39		
12/1/99 23:15	1028.13	30.36	0.657	119.68	247.43	508.03			
12/1/99 23:30	1028.25	30.36	0.654	119.16	246.49	506.69			
12/1/99 23:45	1028.25	30.36	0.657	120.47	248.84	508.50			
12/2/99 0:00	1028.00	30.36	0.656	120.21	248.37	508.16	507.46		
12/2/99 0:15	1027.88	30.35	0.653	119.42	246.96	506.45			
12/2/99 0:30	1027.63	30.35	0.656	119.16	246.49	507.58			
12/2/99 0:45	1027.50	30.34	0.654	119.68	247.43	506.98			
12/2/99 1:00	1027.25	30.33	0.657	120.47	248.84	508.75	508.10		
12/2/99 1:15	1027.13	30.33	0.658	120.73	249.31	509.18			
12/2/99 1:30	1027.25	30.33	0.655	120.47	248.84	508.01			
12/2/99 1:45	1027.25	30.33	0.654	119.94	247.90	507.21			
12/2/99 2:00	1027.25	30.33	0.654	119.94	247.90	507.44	507.67		
12/2/99 2:15	1027.25	30.33	0.656	119.94	247.90	508.18			
12/2/99 2:30	1027.38	30.34	0.654	120.47	248.84	507.52			
12/2/99 2:45	1027.25	30.33	0.655	120.47	248.84	508.01			
12/2/99 3:00	1027.13	30.33	0.655	119.94	247.90	507.71	507.59		
12/2/99 3:15	1027.13	30.33	0.654	120.21	248.37	507.64			
12/2/99 3:30	1027.13	30.33	0.653	120.47	248.84	507.07			
12/2/99 3:45	1027.13	30.33	0.654	120.21	248.37	507.41			
12/2/99 4:00	1027.00	30.33	0.653	120.21	248.37	506.94	507.36		
12/2/99 4:15	1026.88	30.32	0.654	120.21	248.37	507.47			
12/2/99 4:30	1026.75	30.32	0.654	120.47	248.84	507.90			
12/2/99 4:45	1026.63	30.32	0.652	119.42	246.96	506.29			
12/2/99 5:00	1026.50	30.31	0.653	119.42	246.96	506.55	507.12		
12/2/99 5:15	1026.38	30.31	0.654	119.94	247.90	507.66			
12/2/99 5:30	1026.25	30.31	0.653	119.94	247.90	507.19			
12/2/99 5:45	1026.13	30.30	0.653	120.21	248.37	507.39			
12/2/99 6:00	1026.13	30.30	0.654	120.21	248.37	507.89	506.83		
12/2/99 6:15	1026.13	30.30	0.651	119.42	246.96	506.14			
12/2/99 6:30	1026.00	30.30	0.650	119.16	246.49	505.54			
12/2/99 6:45	1026.00	30.30	0.650	118.90	246.02	505.37			
12/2/99 7:00	1026.13	30.30	0.654	119.94	247.90	507.49	506.10		
12/2/99 7:15	1026.00	30.30	0.649	119.94	247.90	505.81			
12/2/99 7:30	1026.00	30.30	0.651	119.94	247.90	506.28			
12/2/99 7:45	1026.00	30.30	0.650	119.68	247.43	505.87			
12/2/99 8:00	1026.00	30.30	0.649	119.68	247.43	505.64	505.93		
12/2/99 8:15	1025.88	30.29	0.649	119.68	247.43	505.67			
12/2/99 8:30	1025.75	30.29	0.651	119.68	247.43	506.17			
12/2/99 8:45	1025.75	30.29	0.648	119.94	247.90	505.38			
12/2/99 9:00	1025.63	30.29	0.649	120.21	248.37	506.07	506.36		
12/2/99 9:15	1025.50	30.28	0.650	120.99	249.78	506.64			
12/2/99 9:30	1025.50	30.28	0.650	121.77	251.19	507.34			
12/2/99 9:45	1025.38	30.28	0.650	122.03	251.66	507.54			
12/2/99 10:00	1025.25	30.28	0.651	122.56	252.60	508.14	509.87		
12/2/99 10:15	1025.00	30.27	0.681	120.99	249.78	516.99			
12/2/99 10:30	1025.00	30.27	0.645	123.08	253.54	506.34			
12/2/99 10:45	1024.75	30.26	0.646	123.60	254.48	507.72			
12/2/99 11:00	1024.63	30.26	0.649	124.13	255.43	508.56	508.36		
12/2/99 11:15	1024.38	30.25	0.650	124.39	255.90	509.30			
12/2/99 11:30	1024.00	30.24	0.651	124.39	255.90	509.86			
12/2/99 11:45	1023.75	30.23	0.649	124.65	256.37	509.38			
12/2/99 12:00	1023.50	30.22	0.648	124.91	256.84	508.67	509.39		
12/2/99 12:15	1023.25	30.22	0.648	124.91	256.84	509.16			
12/2/99 12:30	1022.88	30.21	0.649	125.17	257.31	509.66			
12/2/99 12:45	1022.75	30.20	0.650	125.17	257.31	510.20			
12/2/99 13:00	1022.63	30.20	0.651	125.43	257.78	510.64	510.49		
12/2/99 13:15	1022.38	30.19	0.653	125.43	257.78	511.44			
12/2/99 13:30	1022.13	30.18	0.650	125.43	257.78	510.53			
12/2/99 13:45	1022.00	30.18	0.648	125.43	257.78	509.57			
12/2/99 14:00	1021.88	30.18	0.648	125.95	258.72	509.94	510.25		
12/2/99 14:15	1021.75	30.17	0.649	125.95	258.72	510.72			
12/2/99 14:30	1021.50	30.16	0.649	125.95	258.72	510.51			
12/2/99 14:45	1021.38	30.16	0.651	125.95	258.72	511.52			
12/2/99 15:00	1021.13	30.15	0.649	125.95	258.72	510.60	510.68		
12/2/99 15:15	1021.00	30.15	0.646	125.95	258.72	510.18			
12/2/99 15:30	1020.75	30.14	0.651	126.22	259.19	511.61			
12/2/99 15:45	1020.75	30.14	0.649	125.95	258.72	510.97			
12/2/99 16:00	1020.50	30.14	0.649	125.95	258.72	511.03	510.89		
12/2/99 16:15	1020.50	30.14	0.648	125.95	258.72	510.26			
12/2/99 16:30	1020.63	30.14	0.649	125.69	258.25	510.58			
12/2/99 16:45	1020.75	30.14	0.651	125.69	258.25	511.27			
12/2/99 17:00	1020.75	30.14	0.651	125.69	258.25	511.51	510.63		
12/2/99 17:15	1020.63	30.14	0.648	125.43	257.78	509.92			
12/2/99 17:30	1020.63	30.14	0.650	125.43	257.78	510.90			
12/2/99 17:45	1020.63	30.14	0.646	125.17	257.31	509.24			
12/2/99 18:00	1020.75	30.14	0.650	124.91	256.84	510.53	509.56		
12/2/99 18:15	1020.75	30.14	0.647	124.91	256.84	509.32			
12/2/99 18:30	1020.88	30.15	0.643	124.91	256.84	507.79			
12/2/99 18:45	1020.88	30.15	0.646	124.65	256.37	508.64			
12/2/99 19:00	1020.75	30.14	0.647	124.91	256.84	509.32	508.51		
12/2/99 19:15	1020.75	30.14	0.644	124.65	256.37	508.16			
12/2/99 19:30	1020.63	30.14	0.645	124.65	256.37	508.43			
12/2/99 19:45	1020.63	30.14	0.647	124.65	256.37	509.16			
12/2/99 20:00	1020.50	30.14	0.646	124.65	256.37	508.94	508.64		
12/2/99 20:15	1020.50	30.14	0.646	124.65	256.37	508.94			
12/2/99 20:30	1020.38	30.13	0.646	124.65	256.37	508.73			
12/2/99 20:45	1020.50	30.14	0.646	124.65	256.37	508.94			
12/2/99 21:00	1020.50	30.14	0.645	124.65	256.37	508.46	508.76		
12/2/99 21:15	1020.50	30.14	0.646	124.65	256.37	508.94			
12/2/99 21:30	1020.38	30.13	0.646	124.65	256.37	508.73			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/2/99 21:45	1020.38	30.13	0.647	124.39	255.90	509.07			
12/2/99 22:00	1020.25	30.13	0.647	124.39	255.90	509.11	508.76		
12/2/99 22:15	1020.25	30.13	0.645	124.65	256.37	508.52			
12/2/99 22:30	1020.25	30.13	0.645	124.39	255.90	508.36			
12/2/99 22:45	1020.25	30.13	0.648	124.65	256.37	509.75			
12/2/99 23:00	1020.38	30.13	0.647	124.65	256.37	509.24	509.53		
12/2/99 23:15	1020.38	30.13	0.650	124.39	255.90	510.29			
12/2/99 23:30	1020.50	30.14	0.649	124.39	255.90	510.03			
12/2/99 23:45	1020.50	30.14	0.649	124.65	256.37	509.92			
12/3/99 0:00	1020.38	30.13	0.646	124.65	256.37	508.97	509.57		
12/3/99 0:15	1020.50	30.14	0.648	124.65	256.37	509.45			
12/3/99 0:30	1020.25	30.13	0.648	124.65	256.37	509.51			
12/3/99 0:45	1020.38	30.13	0.648	124.91	256.84	509.65			
12/3/99 1:00	1020.38	30.13	0.649	124.91	256.84	510.12	509.88		
12/3/99 1:15	1020.25	30.13	0.649	124.91	256.84	510.42			
12/3/99 1:30	1020.13	30.12	0.648	124.91	256.84	509.71			
12/3/99 1:45	1020.13	30.12	0.648	124.91	256.84	509.71			
12/3/99 2:00	1020.25	30.13	0.649	124.91	256.84	510.42	510.14		
12/3/99 2:15	1020.25	30.13	0.649	124.91	256.84	510.42			
12/3/99 2:30	1020.38	30.13	0.650	124.65	256.37	510.46			
12/3/99 2:45	1020.50	30.14	0.646	124.65	256.37	509.68			
12/3/99 3:00	1020.50	30.14	0.650	124.39	255.90	510.26	510.12		
12/3/99 3:15	1020.63	30.14	0.651	124.39	255.90	510.70			
12/3/99 3:30	1020.50	30.14	0.648	124.39	255.90	509.52			
12/3/99 3:45	1020.38	30.13	0.650	124.13	255.43	510.13			
12/3/99 4:00	1020.38	30.13	0.649	123.88	254.95	509.72	509.74		
12/3/99 4:15	1020.38	30.13	0.648	123.60	254.48	509.04			
12/3/99 4:30	1020.25	30.13	0.651	123.60	254.48	510.29			
12/3/99 4:45	1020.13	30.12	0.649	123.88	254.95	509.51			
12/3/99 5:00	1020.00	30.12	0.649	123.88	254.95	509.54	509.38		
12/3/99 5:15	1020.00	30.12	0.648	123.60	254.48	508.90			
12/3/99 5:30	1020.13	30.12	0.647	123.60	254.48	508.64			
12/3/99 5:45	1020.13	30.12	0.648	123.60	254.48	508.87			
12/3/99 6:00	1020.25	30.13	0.649	123.60	254.48	509.59	509.16		
12/3/99 6:15	1020.25	30.13	0.648	123.60	254.48	509.08			
12/3/99 6:30	1020.13	30.12	0.649	123.60	254.48	509.62			
12/3/99 6:45	1020.13	30.12	0.646	123.60	254.48	508.36			
12/3/99 7:00	1020.38	30.13	0.648	123.60	254.48	509.04	508.98		
12/3/99 7:15	1020.38	30.13	0.648	123.60	254.48	509.04			
12/3/99 7:30	1020.25	30.13	0.648	123.60	254.48	508.64			
12/3/99 7:45	1020.38	30.13	0.650	123.60	254.48	509.79			
12/3/99 8:00	1020.25	30.13	0.651	123.60	254.48	510.06	509.65		
12/3/99 8:15	1020.13	30.12	0.649	123.60	254.48	509.34			
12/3/99 8:30	1020.00	30.12	0.650	124.13	255.43	510.22			
12/3/99 8:45	1019.88	30.12	0.650	124.13	255.43	510.25			
12/3/99 9:00	1020.00	30.12	0.647	124.13	255.43	509.00	510.04		
12/3/99 9:15	1020.00	30.12	0.649	124.39	255.90	510.15			
12/3/99 9:30	1020.13	30.12	0.651	124.39	255.90	510.59			
12/3/99 9:45	1020.25	30.13	0.649	124.39	255.90	510.09			
12/3/99 10:00	1020.13	30.12	0.648	124.39	255.90	509.61	510.20		
12/3/99 10:15	1020.00	30.12	0.650	124.39	255.90	510.39			
12/3/99 10:30	1020.00	30.12	0.649	124.65	256.37	510.32			
12/3/99 10:45	1020.00	30.12	0.648	124.91	256.84	509.74			
12/3/99 11:00	1019.88	30.12	0.649	124.91	256.84	510.52	510.37		
12/3/99 11:15	1019.88	30.12	0.651	124.91	256.84	511.22			
12/3/99 11:30	1019.75	30.11	0.648	124.91	256.84	510.04			
12/3/99 11:45	1019.38	30.10	0.646	125.43	257.78	510.47			
12/3/99 12:00	1019.25	30.10	0.648	125.43	257.78	510.50	510.30		
12/3/99 12:15	1018.75	30.08	0.648	125.43	257.78	510.62			
12/3/99 12:30	1018.75	30.08	0.646	125.43	257.78	509.87			
12/3/99 12:45	1018.50	30.08	0.647	125.43	257.78	510.21			
12/3/99 13:00	1018.13	30.07	0.647	125.69	258.25	510.47	510.60		
12/3/99 13:15	1017.88	30.06	0.649	125.95	258.72	511.41			
12/3/99 13:30	1017.63	30.05	0.648	125.95	258.72	511.00			
12/3/99 13:45	1017.25	30.04	0.648	126.22	259.19	510.51			
12/3/99 14:00	1017.13	30.04	0.648	126.48	259.66	510.71	510.60		
12/3/99 14:15	1017.13	30.04	0.644	126.74	260.13	510.40			
12/3/99 14:30	1017.25	30.04	0.647	126.74	260.13	511.36			
12/3/99 14:45	1017.38	30.04	0.649	126.74	260.13	512.04			
12/3/99 15:00	1017.75	30.05	0.647	127.00	260.60	511.40	511.81		
12/3/99 15:15	1017.75	30.05	0.649	127.00	260.60	512.39			
12/3/99 15:30	1017.75	30.05	0.648	127.00	260.60	511.88			
12/3/99 15:45	1017.75	30.05	0.646	126.74	260.13	510.72			
12/3/99 16:00	1017.75	30.05	0.646	126.74	260.13	511.71	511.48		
12/3/99 16:15	1017.75	30.05	0.648	126.74	260.13	511.47			
12/3/99 16:30	1017.75	30.05	0.649	126.22	259.19	511.61			
12/3/99 16:45	1017.75	30.05	0.646	126.22	259.19	510.39			
12/3/99 17:00	1017.75	30.05	0.646	126.22	259.19	510.63	510.95		
12/3/99 17:15	1017.75	30.05	0.648	126.22	259.19	511.36			
12/3/99 17:30	1017.75	30.05	0.647	125.95	258.72	510.73			
12/3/99 17:45	1017.75	30.05	0.648	125.95	258.72	510.97			
12/3/99 18:00	1018.00	30.06	0.647	126.22	259.19	510.84	511.09		
12/3/99 18:15	1018.00	30.06	0.647	126.22	259.19	510.84			
12/3/99 18:30	1018.00	30.06	0.650	126.22	259.19	512.06			
12/3/99 18:45	1018.00	30.06	0.648	125.95	258.72	510.91			
12/3/99 19:00	1018.13	30.07	0.647	125.95	258.72	510.64	511.39		
12/3/99 19:15	1018.13	30.07	0.646	125.95	258.72	511.11			
12/3/99 19:30	1018.38	30.07	0.651	126.22	259.19	512.20			
12/3/99 19:45	1018.38	30.07	0.649	125.95	258.72	511.29			
12/3/99 20:00	1018.50	30.08	0.647	125.95	258.72	510.55	511.09		
12/3/99 20:15	1018.63	30.08	0.648	125.95	258.72	510.75			
12/3/99 20:30	1018.63	30.08	0.648	125.43	257.78	510.65			
12/3/99 20:45	1018.75	30.08	0.648	125.43	257.78	510.62			
12/3/99 21:00	1018.88	30.09	0.648	125.17	257.31	510.19	510.20		
12/3/99 21:15	1019.00	30.09	0.646	125.17	257.31	509.64			
12/3/99 21:30	1019.13	30.09	0.647	125.17	257.31	509.89			
12/3/99 21:45	1019.13	30.09	0.651	125.17	257.31	511.58			
12/3/99 22:00	1019.38	30.10	0.646	124.91	256.84	509.90	510.43		
12/3/99 22:15	1019.38	30.10	0.649	124.91	256.84	510.64			
12/3/99 22:30	1019.38	30.10	0.648	124.91	256.84	510.13			
12/3/99 22:45	1019.38	30.10	0.650	124.91	256.84	510.88			
12/3/99 23:00	1019.38	30.10	0.647	124.91	256.84	509.86	510.38		
12/3/99 23:15	1019.38	30.10	0.650	124.91	256.84	510.68			
12/3/99 23:30	1019.50	30.11	0.649	124.91	256.84	510.34			
12/3/99 23:45	1019.63	30.11	0.649	124.91	256.84	510.58			
12/4/99 0:00	1019.63	30.11	0.648	124.91	256.84	510.07	510.49		
12/4/99 0:15	1019.63	30.11	0.649	125.17	257.31	510.75			
12/4/99 0:30	1019.75	30.11	0.649	125.17	257.31	510.72			
12/4/99 0:45	1019.75	30.11	0.650	125.17	257.31	510.95			
12/4/99 1:00	1019.75	30.11	0.648	124.91	256.84	510.04	510.76		
12/4/99 1:15	1019.88	30.12	0.651	125.17	257.31	511.16			
12/4/99 1:30	1019.88	30.12	0.650	125.17	257.31	510.92			
12/4/99 1:45	1019.88	30.12	0.652	124.91	256.84	511.50			
12/4/99 2:00	1020.00	30.12	0.649	124.91	256.84	510.21	510.90		
12/4/99 2:15	1020.00	30.12	0.651	124.91	256.84	510.96			
12/4/99 2:30	1020.13	30.12	0.651	124.91	256.84	510.93			
12/4/99 2:45	1020.13	30.12	0.646	124.65	256.37	509.03			
12/4/99 3:00	1020.25	30.13	0.648	124.91	256.84	509.91	510.12		
12/4/99 3:15	1020.25	30.13	0.650	124.65	256.37	510.49			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/4/99 3:30	1020.25	30.13	0.649	124.65	256.37	510.26			
12/4/99 3:45	1020.38	30.13	0.649	124.39	255.90	510.06			
12/4/99 4:00	1020.50	30.14	0.653	124.39	255.90	511.24	510.45		
12/4/99 4:15	1020.50	30.14	0.650	124.65	256.37	510.43			
12/4/99 4:30	1020.50	30.14	0.650	124.39	255.90	510.26			
12/4/99 4:45	1020.75	30.14	0.651	124.39	255.90	510.67			
12/4/99 5:00	1020.75	30.14	0.651	124.39	255.90	510.43	510.09		
12/4/99 5:15	1020.88	30.15	0.647	124.39	255.90	508.95			
12/4/99 5:30	1021.00	30.15	0.650	124.39	255.90	510.14			
12/4/99 5:45	1021.13	30.15	0.652	124.39	255.90	510.65			
12/4/99 6:00	1021.25	30.16	0.651	124.65	256.37	510.71	510.75		
12/4/99 6:15	1021.25	30.16	0.653	124.65	256.37	511.22			
12/4/99 6:30	1021.50	30.16	0.651	124.91	256.84	510.82			
12/4/99 6:45	1021.75	30.17	0.654	124.91	256.84	511.77			
12/4/99 7:00	1021.88	30.18	0.652	124.91	256.84	511.00	511.49		
12/4/99 7:15	1022.00	30.18	0.652	124.91	256.84	510.97			
12/4/99 7:30	1022.13	30.18	0.657	124.91	256.84	512.89			
12/4/99 7:45	1022.25	30.19	0.659	124.91	256.84	513.84			
12/4/99 8:00	1022.25	30.19	0.659	124.91	256.84	513.84	513.47		
12/4/99 8:15	1022.25	30.19	0.658	124.91	256.84	513.33			
12/4/99 8:30	1022.38	30.19	0.658	125.17	257.31	513.47			
12/4/99 8:45	1022.50	30.19	0.658	125.17	257.31	513.43			
12/4/99 9:00	1022.63	30.20	0.658	125.17	257.31	513.17	513.48		
12/4/99 9:15	1022.75	30.20	0.659	125.43	257.78	513.77			
12/4/99 9:30	1022.88	30.21	0.659	125.17	257.31	513.57			
12/4/99 9:45	1023.00	30.21	0.658	125.43	257.78	513.48			
12/4/99 10:00	1023.00	30.21	0.659	125.43	257.78	513.71	513.61		
12/4/99 10:15	1023.13	30.21	0.658	125.43	257.78	513.45			
12/4/99 10:30	1023.13	30.21	0.659	125.69	258.25	513.85			
12/4/99 10:45	1023.13	30.21	0.660	125.69	258.25	514.35			
12/4/99 11:00	1023.13	30.21	0.659	125.69	258.25	513.85	514.09		
12/4/99 11:15	1022.88	30.21	0.659	125.95	258.72	514.35			
12/4/99 11:30	1022.75	30.20	0.658	126.22	259.19	514.04			
12/4/99 11:45	1022.50	30.19	0.659	126.74	260.13	514.95			
12/4/99 12:00	1022.25	30.19	0.661	127.00	260.60	515.65	515.16		
12/4/99 12:15	1022.13	30.18	0.659	127.26	261.07	515.11			
12/4/99 12:30	1022.00	30.18	0.661	127.52	261.54	516.05			
12/4/99 12:45	1021.75	30.17	0.658	127.52	261.54	515.14			
12/4/99 13:00	1021.63	30.17	0.658	127.78	262.01	515.34	515.74		
12/4/99 13:15	1021.50	30.16	0.660	127.78	262.01	516.11			
12/4/99 13:30	1021.38	30.16	0.659	128.04	262.48	516.08			
12/4/99 13:45	1021.25	30.16	0.661	126.04	262.48	516.58			
12/4/99 14:00	1021.25	30.16	0.658	126.04	262.48	515.60	515.98		
12/4/99 14:15	1021.25	30.16	0.658	127.78	262.01	515.43			
12/4/99 14:30	1021.13	30.15	0.660	127.78	262.01	516.21			
12/4/99 14:45	1021.13	30.15	0.659	127.78	262.01	515.97			
12/4/99 15:00	1021.13	30.15	0.659	128.04	262.48	515.66	515.91		
12/4/99 15:15	1021.13	30.15	0.659	128.04	262.48	515.86			
12/4/99 15:30	1021.00	30.15	0.658	128.04	262.48	515.66			
12/4/99 15:45	1021.00	30.15	0.661	128.04	262.48	516.87			
12/4/99 16:00	1020.88	30.15	0.658	128.04	262.48	515.69	515.92		
12/4/99 16:15	1020.88	30.15	0.658	128.04	262.48	515.48			
12/4/99 16:30	1020.88	30.15	0.659	126.04	262.48	515.93			
12/4/99 16:45	1020.88	30.15	0.657	127.78	262.01	515.05			
12/4/99 17:00	1021.13	30.15	0.657	128.04	262.48	515.16	515.40		
12/4/99 17:15	1021.13	30.15	0.658	128.04	262.48	515.39			
12/4/99 17:30	1021.13	30.15	0.658	127.78	262.01	515.46			
12/4/99 17:45	1020.88	30.15	0.659	127.52	261.54	515.59			
12/4/99 18:00	1020.75	30.14	0.656	127.26	261.07	514.52	515.25		
12/4/99 18:15	1020.63	30.14	0.659	127.00	260.60	515.59			
12/4/99 18:30	1020.63	30.14	0.658	127.00	260.60	515.08			
12/4/99 18:45	1020.63	30.14	0.656	127.26	261.07	514.55			
12/4/99 19:00	1020.50	30.14	0.658	127.26	261.07	515.26	514.93		
12/4/99 19:15	1020.50	30.14	0.658	127.26	261.07	515.05			
12/4/99 19:30	1020.38	30.13	0.657	127.00	260.60	514.68			
12/4/99 19:45	1020.25	30.13	0.658	127.00	260.60	515.16			
12/4/99 20:00	1020.25	30.13	0.656	127.00	260.60	514.20	514.81		
12/4/99 20:15	1020.25	30.13	0.657	127.00	260.60	514.71			
12/4/99 20:30	1020.25	30.13	0.656	126.74	260.13	514.31			
12/4/99 20:45	1020.38	30.13	0.658	126.22	259.19	514.41			
12/4/99 21:00	1020.38	30.13	0.657	126.22	259.19	514.17	514.13		
12/4/99 21:15	1020.13	30.12	0.657	126.22	259.19	514.24			
12/4/99 21:30	1020.00	30.12	0.655	126.22	259.19	513.52			
12/4/99 21:45	1019.88	30.12	0.658	126.48	259.66	514.70			
12/4/99 22:00	1019.75	30.11	0.659	126.22	259.19	515.03	514.46		
12/4/99 22:15	1019.63	30.11	0.658	126.48	259.66	515.00			
12/4/99 22:30	1019.50	30.11	0.658	126.48	259.66	514.05			
12/4/99 22:45	1019.50	30.11	0.657	126.22	259.19	514.39			
12/4/99 23:00	1019.38	30.10	0.656	126.22	259.19	513.92	514.27		
12/4/99 23:15	1019.25	30.10	0.658	126.22	259.19	514.89			
12/4/99 23:30	1019.00	30.09	0.656	126.22	259.19	514.28			
12/4/99 23:45	1018.88	30.09	0.655	126.22	259.19	513.81			
12/5/99 0:00	1016.63	30.08	0.654	125.95	258.72	513.47	514.03		
12/5/99 0:15	1016.38	30.07	0.655	125.95	258.72	513.76			
12/5/99 0:30	1018.13	30.07	0.658	125.95	258.72	514.61			
12/5/99 0:45	1016.00	30.06	0.658	125.95	258.72	514.84			
12/5/99 1:00	1017.75	30.05	0.654	125.95	258.72	513.69	514.43		
12/5/99 1:15	1017.75	30.05	0.656	125.95	258.72	514.16			
12/5/99 1:30	1017.75	30.05	0.657	125.95	258.72	514.67			
12/5/99 1:45	1017.63	30.05	0.658	125.95	258.72	514.46			
12/5/99 2:00	1017.50	30.05	0.654	126.22	259.19	513.66	514.07		
12/5/99 2:15	1017.50	30.05	0.654	125.95	258.72	513.75			
12/5/99 2:30	1017.38	30.04	0.654	125.95	258.72	513.76			
12/5/99 2:45	1017.13	30.04	0.653	125.95	258.72	513.33			
12/5/99 3:00	1017.00	30.03	0.654	125.95	258.72	513.88	513.54		
12/5/99 3:15	1016.75	30.02	0.653	125.95	258.72	513.43			
12/5/99 3:30	1016.50	30.02	0.653	125.95	258.72	513.26			
12/5/99 3:45	1016.50	30.02	0.654	126.22	259.19	513.93			
12/5/99 4:00	1016.38	30.01	0.654	126.22	259.19	513.97	513.69		
12/5/99 4:15	1016.13	30.01	0.653	126.22	259.19	513.75			
12/5/99 4:30	1016.00	30.00	0.655	126.22	259.19	514.53			
12/5/99 4:45	1016.00	30.00	0.653	126.22	259.19	513.55			
12/5/99 5:00	1015.88	30.00	0.653	126.22	259.19	513.58	513.93		
12/5/99 5:15	1015.63	29.99	0.654	126.22	259.19	514.39			
12/5/99 5:30	1015.25	29.98	0.653	125.95	258.72	513.57			
12/5/99 5:45	1015.13	29.98	0.653	125.95	258.72	513.60			
12/5/99 6:00	1014.88	29.97	0.653	125.95	258.72	513.90	513.41		
12/5/99 6:15	1014.75	29.97	0.650	125.95	258.72	512.71			
12/5/99 6:30	1014.50	29.96	0.651	125.95	258.72	513.25			
12/5/99 6:45	1014.38	29.95	0.651	125.95	258.72	513.28			
12/5/99 7:00	1014.25	29.95	0.650	125.95	258.72	512.84	513.40		
12/5/99 7:15	1014.38	29.95	0.654	125.95	258.72	514.30			
12/5/99 7:30	1014.25	29.95	0.651	125.95	258.72	513.31			
12/5/99 7:45	1014.13	29.95	0.650	125.95	258.72	512.87			
12/5/99 8:00	1013.75	29.94	0.652	125.95	258.72	513.72	513.51		
12/5/99 8:15	1013.75	29.94	0.651	125.95	258.72	513.44			
12/5/99 8:30	1013.63	29.93	0.653	125.95	258.72	514.22			
12/5/99 8:45	1013.38	29.92	0.653	125.95	258.72	514.05			
12/5/99 9:00	1013.13	29.92	0.651	125.95	258.72	513.60	513.89		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/5/99 9:15	1013.13	29.92	0.652	126.22	259.19	514.04			
12/5/99 9:30	1013.00	29.91	0.651	126.22	259.19	513.56			
12/5/99 9:45	1012.88	29.91	0.653	126.22	259.19	514.34			
12/5/99 10:00	1013.00	29.91	0.649	126.46	259.66	513.25	514.10		
12/5/99 10:15	1012.88	29.91	0.652	126.74	260.13	514.44			
12/5/99 10:30	1012.88	29.91	0.653	126.74	260.13	514.91			
12/5/99 10:45	1012.63	29.90	0.653	126.74	260.13	514.98			
12/5/99 11:00	1012.75	29.91	0.651	126.74	260.13	514.20	514.96		
12/5/99 11:15	1013.00	29.91	0.654	127.00	260.60	515.56			
12/5/99 11:30	1013.38	29.92	0.654	127.00	260.60	515.23			
12/5/99 11:45	1013.63	29.93	0.652	127.00	260.60	514.42			
12/5/99 12:00	1013.38	29.92	0.653	126.74	260.13	514.55	514.12		
12/5/99 12:15	1013.25	29.92	0.651	126.22	259.19	513.50			
12/5/99 12:30	1013.00	29.91	0.649	125.95	258.72	512.92			
12/5/99 12:45	1012.63	29.90	0.649	125.95	258.72	512.74			
12/5/99 13:00	1012.36	29.90	0.651	125.95	258.72	513.55	513.20		
12/5/99 13:15	1011.88	29.88	0.649	125.95	258.72	513.20			
12/5/99 13:30	1011.50	29.87	0.651	125.69	258.25	513.60			
12/5/99 13:45	1011.25	29.86	0.650	125.43	257.78	513.26			
12/5/99 14:00	1011.13	29.86	0.646	125.43	257.78	512.54	512.86		
12/5/99 14:15	1011.00	29.85	0.646	125.43	257.78	511.82			
12/5/99 14:30	1011.13	29.86	0.649	125.43	257.78	513.06			
12/5/99 14:45	1011.00	29.85	0.648	125.43	257.78	512.58			
12/5/99 15:00	1011.00	29.85	0.649	125.17	257.31	512.92	512.75		
12/5/99 15:15	1010.88	29.85	0.649	125.17	257.31	512.95			
12/5/99 15:30	1010.75	29.85	0.648	125.17	257.31	512.23			
12/5/99 15:45	1010.50	29.84	0.647	125.17	257.31	512.06			
12/5/99 16:00	1010.25	29.83	0.648	125.43	257.78	512.77	512.70		
12/5/99 16:15	1009.63	29.81	0.648	125.43	257.78	512.93			
12/5/99 16:30	1010.25	29.83	0.650	125.43	257.78	513.52			
12/5/99 16:45	1010.50	29.84	0.648	125.17	257.31	512.53			
12/5/99 17:00	1010.50	29.84	0.648	125.17	257.31	512.30	512.55		
12/5/99 17:15	1010.50	29.84	0.647	125.17	257.31	512.06			
12/5/99 17:30	1010.25	29.83	0.648	125.17	257.31	512.36			
12/5/99 17:45	1010.13	29.83	0.647	125.17	257.31	512.16			
12/5/99 18:00	1010.00	29.83	0.646	125.43	257.78	512.63	512.60		
12/5/99 18:15	1010.00	29.83	0.648	125.43	257.78	512.59			
12/5/99 18:30	1010.00	29.83	0.649	125.43	257.78	513.07			
12/5/99 18:45	1010.00	29.83	0.651	125.43	257.78	513.82			
12/5/99 19:00	1010.00	29.83	0.649	125.43	257.78	513.07	513.08		
12/5/99 19:15	1010.00	29.83	0.648	125.43	257.78	512.83			
12/5/99 19:30	1009.88	29.82	0.648	125.43	257.78	512.62			
12/5/99 19:45	1010.00	29.83	0.649	125.43	257.78	513.07			
12/5/99 20:00	1010.00	29.83	0.646	125.43	257.78	512.08	512.75		
12/5/99 20:15	1010.00	29.83	0.649	125.43	257.78	513.07			
12/5/99 20:30	1010.00	29.83	0.649	125.17	257.31	512.90			
12/5/99 20:45	1010.00	29.83	0.649	125.17	257.31	513.18			
12/5/99 21:00	1010.13	29.83	0.650	125.43	257.78	513.55	513.12		
12/5/99 21:15	1010.38	29.84	0.648	125.43	257.78	512.73			
12/5/99 21:30	1010.50	29.84	0.649	125.43	257.78	513.22			
12/5/99 21:45	1010.75	29.85	0.651	125.43	257.78	513.88			
12/5/99 22:00	1010.88	29.85	0.650	125.43	257.78	513.36	513.51		
12/5/99 22:15	1010.88	29.85	0.651	125.43	257.78	513.83			
12/5/99 22:30	1011.13	29.86	0.650	125.43	257.78	513.30			
12/5/99 22:45	1011.13	29.86	0.652	125.43	257.78	514.04			
12/5/99 23:00	1011.13	29.86	0.649	124.91	256.84	512.72	513.38		
12/5/99 23:15	1011.25	29.86	0.652	124.91	256.84	513.88			
12/5/99 23:30	1011.50	29.87	0.651	124.65	256.37	513.17			
12/5/99 23:45	1011.63	29.87	0.651	124.65	256.37	512.90			
12/6/99 0:00	1011.63	29.87	0.648	124.65	256.37	511.91	512.60		
12/6/99 0:15	1011.50	29.87	0.651	124.65	256.37	513.17			
12/6/99 0:30	1011.50	29.87	0.650	124.91	256.84	512.86			
12/6/99 0:45	1011.63	29.87	0.653	124.91	256.84	514.05			
12/6/99 1:00	1011.75	29.88	0.651	124.91	256.84	513.27	513.25		
12/6/99 1:15	1011.88	29.88	0.650	124.65	256.37	512.80			
12/6/99 1:30	1012.13	29.89	0.652	124.91	256.84	513.45			
12/6/99 1:45	1012.25	29.89	0.652	124.65	256.37	513.25			
12/6/99 2:00	1012.88	29.91	0.653	124.39	255.90	513.16	512.91		
12/6/99 2:15	1013.38	29.92	0.653	123.86	254.95	512.93			
12/6/99 2:30	1013.75	29.94	0.651	123.34	254.01	511.76			
12/6/99 2:45	1013.88	29.94	0.651	123.08	253.54	511.56			
12/6/99 3:00	1014.38	29.95	0.653	122.82	253.07	511.77	511.61		
12/6/99 3:15	1014.75	29.97	0.652	122.56	252.60	511.27			
12/6/99 3:30	1015.00	29.97	0.653	122.56	252.60	511.68			
12/6/99 3:45	1015.13	29.98	0.654	122.03	251.66	511.59			
12/6/99 4:00	1015.38	29.98	0.654	122.03	251.66	511.52	511.32		
12/6/99 4:15	1015.63	29.99	0.654	121.77	251.19	511.29			
12/6/99 4:30	1015.75	30.00	0.652	121.77	251.19	510.52			
12/6/99 4:45	1016.00	30.00	0.652	121.51	250.72	510.28			
12/6/99 5:00	1016.38	30.01	0.654	121.51	250.72	510.93	510.58		
12/6/99 5:15	1016.63	30.02	0.653	121.25	250.25	510.43			
12/6/99 5:30	1016.75	30.02	0.654	120.99	249.78	510.73			
12/6/99 5:45	1017.00	30.03	0.654	120.99	249.78	510.44			
12/6/99 6:00	1017.38	30.04	0.655	120.99	249.78	510.81	510.77		
12/6/99 6:15	1017.63	30.05	0.656	120.99	249.78	510.98			
12/6/99 6:30	1018.00	30.06	0.656	120.99	249.78	510.69			
12/6/99 6:45	1018.13	30.07	0.655	121.51	250.72	510.96			
12/6/99 7:00	1018.38	30.07	0.654	120.99	249.78	510.09	510.97		
12/6/99 7:15	1018.88	30.09	0.659	121.25	250.25	512.32			
12/6/99 7:30	1019.13	30.09	0.656	120.99	249.78	510.81			
12/6/99 7:45	1019.38	30.10	0.656	121.25	250.25	510.71			
12/6/99 8:00	1019.50	30.11	0.658	121.51	250.72	511.82	510.76		
12/6/99 8:15	1019.75	30.11	0.656	120.99	249.78	510.45			
12/6/99 8:30	1019.88	30.12	0.655	120.99	249.78	510.18			
12/6/99 8:45	1020.00	30.12	0.657	120.99	249.78	510.89			
12/6/99 9:00	1020.13	30.12	0.658	120.99	249.78	511.09	511.00		
12/6/99 9:15	1020.25	30.13	0.659	120.99	249.78	511.80			
12/6/99 9:30	1020.38	30.13	0.658	120.99	249.78	511.03			
12/6/99 9:45	1020.50	30.14	0.656	120.73	249.31	510.37			
12/6/99 10:00	1020.75	30.14	0.659	120.73	249.31	511.51	511.95		
12/6/99 10:15	1020.88	30.15	0.658	120.73	249.31	510.74			
12/6/99 10:30	1020.88	30.15	0.672	120.47	248.84	516.13			
12/6/99 10:45	1020.88	30.15	0.666	119.42	246.96	513.98			
12/6/99 11:00	1020.75	30.14	0.658	120.99	249.78	510.94	512.55		
12/6/99 11:15	1020.75	30.14	0.657	121.25	250.25	510.87			
12/6/99 11:30	1020.63	30.14	0.656	121.51	250.72	510.84			
12/6/99 11:45	1020.50	30.14	0.658	121.51	250.72	511.57			
12/6/99 12:00	1020.38	30.13	0.658	121.77	251.19	511.77	511.63		
12/6/99 12:15	1020.25	30.13	0.658	121.77	251.19	511.57			
12/6/99 12:30	1020.25	30.13	0.660	121.51	250.72	512.37			
12/6/99 12:45	1020.25	30.13	0.659	121.51	250.72	512.14			
12/6/99 13:00	1020.38	30.13	0.657	121.51	250.72	511.14	511.54		
12/6/99 13:15	1020.38	30.13	0.656	120.99	249.78	510.57			
12/6/99 13:30	1020.50	30.14	0.659	120.99	249.78	511.47			
12/6/99 13:45	1020.63	30.14	0.659	120.99	249.78	511.71			
12/6/99 14:00	1020.63	30.14	0.656	120.99	249.78	510.23	511.30		
12/6/99 14:15	1020.75	30.14	0.659	120.99	249.78	511.66			
12/6/99 14:30	1020.75	30.14	0.659	120.99	249.78	511.40			
12/6/99 14:45	1020.75	30.14	0.661	120.99	249.76	512.14			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/6/99 15:00	1020.88	30.15	0.659	120.99	249.78	511.37	511.60		
12/6/99 15:15	1021.13	30.15	0.659	120.99	249.78	511.31			
12/6/99 15:30	1021.38	30.16	0.660	120.99	249.78	511.75			
12/6/99 15:45	1021.63	30.17	0.659	120.99	249.78	511.46			
12/6/99 16:00	1021.75	30.17	0.662	120.99	249.78	512.39	511.99		
12/6/99 16:15	1022.00	30.18	0.661	120.99	249.78	511.83			
12/6/99 16:30	1022.25	30.19	0.663	120.99	249.78	512.50			
12/6/99 16:45	1022.50	30.19	0.661	120.99	249.78	511.70			
12/6/99 17:00	1022.75	30.20	0.661	120.99	249.78	511.64	511.89		
12/6/99 17:15	1023.00	30.21	0.661	120.99	249.78	511.58			
12/6/99 17:30	1023.25	30.22	0.662	120.99	249.78	512.02			
12/6/99 17:45	1023.38	30.22	0.662	120.99	249.78	511.99			
12/6/99 18:00	1023.38	30.22	0.664	120.99	249.78	512.95	512.27		
12/6/99 18:15	1023.63	30.23	0.663	120.73	249.31	512.22			
12/6/99 18:30	1023.75	30.23	0.663	120.73	249.31	512.19			
12/6/99 18:45	1023.88	30.23	0.664	120.21	248.37	512.05			
12/6/99 19:00	1024.00	30.24	0.665	120.21	248.37	512.52	512.20		
12/6/99 19:15	1024.13	30.24	0.664	119.94	247.90	511.82			
12/6/99 19:30	1024.25	30.25	0.665	120.21	248.37	512.46			
12/6/99 19:45	1024.25	30.25	0.663	120.21	248.37	511.72			
12/6/99 20:00	1024.25	30.25	0.663	119.94	247.90	511.32	511.76		
12/6/99 20:15	1024.38	30.25	0.663	120.21	248.37	511.69			
12/6/99 20:30	1024.50	30.25	0.663	120.47	248.84	511.60			
12/6/99 20:45	1024.50	30.25	0.663	119.68	247.43	511.32			
12/6/99 21:00	1024.63	30.26	0.665	119.42	246.96	511.85	511.41		
12/6/99 21:15	1024.75	30.26	0.660	119.16	246.49	509.72			
12/6/99 21:30	1024.75	30.26	0.666	120.21	248.37	512.56			
12/6/99 21:45	1024.88	30.26	0.666	120.47	248.84	512.70			
12/6/99 22:00	1025.00	30.27	0.665	119.42	246.96	511.76	512.35		
12/6/99 22:15	1025.00	30.27	0.665	120.21	248.37	512.27			
12/6/99 22:30	1025.13	30.27	0.666	120.21	248.37	512.47			
12/6/99 22:45	1025.00	30.27	0.666	120.21	248.37	512.73			
12/6/99 23:00	1025.00	30.27	0.665	119.94	247.90	512.10	512.02		
12/6/99 23:15	1025.00	30.27	0.664	118.90	246.02	511.19			
12/6/99 23:30	1024.88	30.26	0.664	119.94	247.90	511.63			
12/6/99 23:45	1024.88	30.26	0.666	120.47	248.84	512.70			
12/7/99 0:00	1024.88	30.26	0.666	120.73	249.31	513.10	512.36		
12/7/99 0:15	1024.88	30.26	0.666	120.47	248.84	512.93			
12/7/99 0:30	1025.00	30.27	0.664	119.68	247.43	511.43			
12/7/99 0:45	1024.88	30.26	0.667	119.68	247.43	512.69			
12/7/99 1:00	1024.75	30.26	0.664	120.21	248.37	512.10	512.04		
12/7/99 1:15	1025.00	30.27	0.664	119.68	247.43	511.70			
12/7/99 1:30	1025.00	30.27	0.665	120.21	248.37	512.27			
12/7/99 1:45	1025.25	30.28	0.664	120.21	248.37	511.70			
12/7/99 2:00	1025.00	30.27	0.666	120.47	248.84	512.90	512.29		
12/7/99 2:15	1025.13	30.27	0.666	119.42	246.96	511.96			
12/7/99 2:30	1025.25	30.28	0.667	119.68	247.43	512.60			
12/7/99 2:45	1025.25	30.28	0.667	120.21	248.37	512.94			
12/7/99 3:00	1025.13	30.27	0.667	120.21	248.37	512.97	512.65		
12/7/99 3:15	1025.25	30.28	0.667	120.21	248.37	512.94			
12/7/99 3:30	1025.25	30.28	0.664	119.94	247.90	511.80			
12/7/99 3:45	1025.38	30.28	0.666	119.94	247.90	512.24			
12/7/99 4:00	1025.50	30.28	0.666	119.42	246.96	511.86	511.98		
12/7/99 4:15	1025.50	30.28	0.664	119.68	247.43	511.30			
12/7/99 4:30	1025.63	30.29	0.667	119.94	247.90	512.67			
12/7/99 4:45	1025.75	30.29	0.666	119.94	247.90	512.37			
12/7/99 5:00	1025.63	30.29	0.668	119.68	247.43	512.96	512.25		
12/7/99 5:15	1025.88	30.29	0.665	119.42	246.96	511.54			
12/7/99 5:30	1026.00	30.30	0.665	119.68	247.43	511.68			
12/7/99 5:45	1025.88	30.29	0.665	119.16	246.49	511.37			
12/7/99 6:00	1026.13	30.30	0.662	117.85	244.14	509.26	511.14		
12/7/99 6:15	1026.38	30.31	0.665	119.16	246.49	511.24			
12/7/99 6:30	1026.38	30.31	0.667	119.42	246.96	512.14			
12/7/99 6:45	1026.38	30.31	0.664	119.16	246.49	511.01			
12/7/99 7:00	1026.50	30.31	0.666	119.16	246.49	511.67	510.65		
12/7/99 7:15	1026.63	30.32	0.664	118.12	244.61	510.00			
12/7/99 7:30	1026.75	30.32	0.663	117.59	243.67	509.40			
12/7/99 7:45	1026.75	30.32	0.620	112.89	235.20	489.59			
12/7/99 8:00	1026.88	30.32	0.662	116.55	241.79	508.23	505.15		
12/7/99 8:15	1027.00	30.33	0.664	116.55	241.79	509.16			
12/7/99 8:30	1027.00	30.33	0.665	116.55	241.79	509.38			
12/7/99 8:45	1027.00	30.33	0.663	117.07	242.73	509.00			
12/7/99 9:00	1027.00	30.33	0.664	117.59	243.67	509.57	509.38		
12/7/99 9:15	1027.00	30.33	0.663	117.85	244.14	509.28			
12/7/99 9:30	1026.88	30.32	0.663	118.38	245.08	509.65			
12/7/99 9:45	1026.75	30.32	0.664	118.90	246.02	510.75			
12/7/99 10:00	1026.75	30.32	0.664	119.42	246.96	510.82	510.74		
12/7/99 10:15	1027.13	30.33	0.664	119.68	247.43	511.17			
12/7/99 10:30	1027.13	30.33	0.664	119.94	247.90	511.34			
12/7/99 10:45	1027.00	30.33	0.666	120.21	248.37	512.00			
12/7/99 11:00	1026.75	30.32	0.664	120.47	248.84	511.77	511.97		
12/7/99 11:15	1026.50	30.31	0.666	120.73	249.31	512.46			
12/7/99 11:30	1026.38	30.31	0.665	120.73	249.31	512.26			
12/7/99 11:45	1026.00	30.30	0.665	120.99	249.78	512.53			
12/7/99 12:00	1025.50	30.28	0.662	121.51	250.72	511.80	512.60		
12/7/99 12:15	1025.38	30.28	0.665	121.51	250.72	513.02			
12/7/99 12:30	1025.25	30.28	0.665	122.03	251.66	513.39			
12/7/99 12:45	1025.13	30.27	0.662	122.56	252.60	512.57			
12/7/99 13:00	1024.88	30.26	0.664	122.56	252.60	513.60	513.47		
12/7/99 13:15	1024.75	30.26	0.665	122.82	253.07	514.03			
12/7/99 13:30	1024.88	30.26	0.664	122.82	253.07	513.77			
12/7/99 13:45	1024.63	30.26	0.666	122.82	253.07	514.29			
12/7/99 14:00	1024.38	30.25	0.663	122.82	253.07	513.39	513.72		
12/7/99 14:15	1024.50	30.25	0.663	122.56	252.60	513.19			
12/7/99 14:30	1024.25	30.25	0.665	122.56	252.60	513.98			
12/7/99 14:45	1024.25	30.25	0.663	122.56	252.60	513.25			
12/7/99 15:00	1024.38	30.25	0.663	122.56	252.60	513.22	513.66		
12/7/99 15:15	1024.13	30.24	0.666	122.30	252.13	514.08			
12/7/99 15:30	1024.13	30.24	0.665	122.30	252.13	513.85			
12/7/99 15:45	1024.25	30.25	0.665	121.77	251.19	513.48			
12/7/99 16:00	1024.13	30.24	0.664	121.77	251.19	513.27	513.30		
12/7/99 16:15	1024.00	30.24	0.663	121.77	251.19	512.57			
12/7/99 16:30	1024.13	30.24	0.665	121.51	250.72	513.34			
12/7/99 16:45	1024.25	30.25	0.663	121.51	250.72	512.57			
12/7/99 17:00	1024.38	30.25	0.663	120.99	249.78	512.20	512.45		
12/7/99 17:15	1024.38	30.25	0.666	120.21	248.37	512.66			
12/7/99 17:30	1024.50	30.25	0.663	119.94	247.90	511.49			
12/7/99 17:45	1024.50	30.25	0.663	119.42	246.96	511.15			
12/7/99 18:00	1024.38	30.25	0.662	119.16	246.49	510.55	511.03		
12/7/99 18:15	1024.25	30.25	0.662	119.16	246.49	510.58			
12/7/99 18:30	1024.25	30.25	0.664	118.90	246.02	511.37			
12/7/99 18:45	1024.13	30.24	0.664	118.38	245.08	511.06			
12/7/99 19:00	1024.13	30.24	0.661	118.64	245.55	509.77	510.78		
12/7/99 19:15	1024.13	30.24	0.663	118.90	246.02	510.90			
12/7/99 19:30	1024.38	30.25	0.663	119.16	246.49	510.78			
12/7/99 19:45	1024.63	30.26	0.662	119.16	246.49	510.49			
12/7/99 20:00	1024.50	30.25	0.663	118.90	246.02	510.56	510.51		
12/7/99 20:15	1024.38	30.25	0.663	118.38	245.08	510.27			
12/7/99 20:30	1024.63	30.26	0.663	118.38	245.08	510.44			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/7/99 20:45	1024.63	30.26	0.663	117.85	244.14	509.87			
12/7/99 21:00	1024.50	30.25	0.664	117.85	244.14	510.38	510.43		
12/7/99 21:15	1024.63	30.26	0.665	118.38	245.08	511.17			
12/7/99 21:30	1024.63	30.26	0.664	117.85	244.14	510.33			
12/7/99 21:45	1024.50	30.25	0.663	117.59	243.67	509.96			
12/7/99 22:00	1024.25	30.25	0.663	117.33	243.20	509.85	510.65		
12/7/99 22:15	1024.38	30.25	0.664	118.64	245.55	510.90			
12/7/99 22:30	1024.38	30.25	0.666	119.16	246.49	512.20			
12/7/99 22:45	1024.25	30.25	0.663	119.16	246.49	511.04			
12/7/99 23:00	1024.25	30.25	0.665	119.16	246.49	511.77	511.14		
12/7/99 23:15	1024.25	30.25	0.661	118.12	244.61	509.63			
12/7/99 23:30	1024.25	30.25	0.663	119.16	246.49	511.04			
12/7/99 23:45	1024.38	30.25	0.661	118.64	245.55	509.71			
12/8/99 0:00	1024.50	30.25	0.666	119.16	246.49	511.94	510.79		
12/8/99 0:15	1024.50	30.25	0.664	119.16	246.49	511.21			
12/8/99 0:30	1024.50	30.25	0.663	118.12	244.61	510.07			
12/8/99 0:45	1024.50	30.25	0.661	117.33	243.20	508.83			
12/8/99 1:00	1024.50	30.25	0.661	116.55	241.79	508.55	508.75		
12/8/99 1:15	1024.38	30.25	0.660	116.55	241.79	508.12			
12/8/99 1:30	1024.38	30.25	0.661	116.29	241.32	508.18			
12/8/99 1:45	1024.50	30.25	0.661	116.29	241.32	508.15			
12/8/99 2:00	1024.63	30.26	0.661	116.29	241.32	508.35	508.07		
12/8/99 2:15	1024.75	30.26	0.659	116.29	241.32	507.62			
12/8/99 2:30	1024.88	30.26	0.661	116.29	241.32	508.05			
12/8/99 2:45	1025.00	30.27	0.660	116.02	240.84	507.82			
12/8/99 3:00	1025.25	30.28	0.663	116.02	240.84	508.75	508.09		
12/8/99 3:15	1025.25	30.28	0.661	116.02	240.84	508.02			
12/8/99 3:30	1025.25	30.28	0.661	116.02	240.84	508.02			
12/8/99 3:45	1025.25	30.28	0.661	116.02	240.84	508.02			
12/8/99 4:00	1025.25	30.28	0.659	115.76	240.37	507.16	507.73		
12/8/99 4:15	1025.38	30.28	0.662	115.76	240.37	508.09			
12/8/99 4:30	1025.38	30.28	0.660	115.76	240.37	507.38			
12/8/99 4:45	1025.50	30.28	0.659	115.76	240.37	507.10			
12/8/99 5:00	1025.63	30.29	0.661	115.76	240.37	507.53	507.30		
12/8/99 5:15	1025.50	30.28	0.660	115.50	239.90	507.16			
12/8/99 5:30	1025.75	30.29	0.661	115.24	239.43	507.38			
12/8/99 5:45	1025.88	30.29	0.658	115.24	239.43	505.93			
12/8/99 6:00	1026.00	30.30	0.658	115.24	239.43	506.13	506.68		
12/8/99 6:15	1026.13	30.30	0.661	114.98	238.96	506.89			
12/8/99 6:30	1026.38	30.31	0.661	114.98	238.96	507.06			
12/8/99 6:45	1026.63	30.32	0.661	115.24	239.43	507.17			
12/8/99 7:00	1026.75	30.32	0.660	115.24	239.43	506.66	506.95		
12/8/99 7:15	1026.88	30.32	0.661	115.24	239.43	506.88			
12/8/99 7:30	1027.00	30.33	0.660	115.76	240.37	506.96			
12/8/99 7:45	1027.13	30.33	0.661	115.76	240.37	507.39			
12/8/99 8:00	1027.13	30.33	0.661	115.50	239.90	506.99	507.23		
12/8/99 8:15	1027.13	30.33	0.661	115.50	239.90	506.99			
12/8/99 8:30	1027.13	30.33	0.662	116.02	240.84	507.62			
12/8/99 8:45	1027.13	30.33	0.661	116.02	240.84	507.33			
12/8/99 9:00	1027.25	30.33	0.661	116.29	241.32	507.46	508.07		
12/8/99 9:15	1027.50	30.34	0.664	118.81	242.26	508.93			
12/8/99 9:30	1027.63	30.35	0.663	117.33	243.20	508.78			
12/8/99 9:45	1027.75	30.35	0.661	117.85	244.14	508.59			
12/8/99 10:00	1027.75	30.35	0.660	118.38	245.08	508.47	508.96		
12/8/99 10:15	1027.75	30.35	0.663	118.64	245.55	509.60			
12/8/99 10:30	1027.75	30.35	0.661	119.42	246.96	509.38			
12/8/99 10:45	1027.75	30.35	0.663	119.68	247.43	510.28			
12/8/99 11:00	1027.63	30.35	0.665	120.21	248.37	511.61	510.66		
12/8/99 11:15	1027.63	30.35	0.661	120.99	249.78	510.66			
12/8/99 11:30	1027.50	30.34	0.663	121.25	250.25	511.36			
12/8/99 11:45	1027.38	30.34	0.662	121.77	251.19	511.50			
12/8/99 12:00	1027.13	30.33	0.663	122.03	251.66	512.19	511.69		
12/8/99 12:15	1027.00	30.33	0.660	122.56	252.60	511.36			
12/8/99 12:30	1026.75	30.32	0.661	122.82	253.07	512.06			
12/8/99 12:45	1026.50	30.31	0.661	123.34	254.01	512.46			
12/8/99 13:00	1026.25	30.31	0.663	123.34	254.01	513.26	512.58		
12/8/99 13:15	1026.25	30.31	0.660	123.60	254.48	512.22			
12/8/99 13:30	1026.00	30.30	0.661	123.86	254.95	512.92			
12/8/99 13:45	1025.88	30.29	0.661	124.39	255.90	513.06			
12/8/99 14:00	1025.88	30.29	0.663	124.65	256.37	513.96	513.71		
12/8/99 14:15	1025.66	30.29	0.663	124.39	255.90	513.79			
12/8/99 14:30	1025.75	30.29	0.665	124.39	255.90	514.79			
12/8/99 14:45	1025.63	30.29	0.662	124.65	256.37	513.79			
12/8/99 15:00	1025.63	30.29	0.661	124.39	255.90	513.12	513.84		
12/8/99 15:15	1025.50	30.28	0.661	124.39	255.90	513.38			
12/8/99 15:30	1025.63	30.29	0.663	124.39	255.90	514.09			
12/8/99 15:45	1025.75	30.29	0.661	124.39	255.90	513.32			
12/8/99 16:00	1025.88	30.29	0.661	124.13	255.43	513.12	513.37		
12/8/99 16:15	1025.88	30.29	0.662	124.13	255.43	513.39			
12/8/99 16:30	1026.00	30.30	0.661	123.86	254.95	512.92			
12/8/99 16:45	1026.00	30.30	0.661	123.08	253.54	512.41			
12/8/99 17:00	1026.00	30.30	0.659	122.56	252.60	511.38	511.62		
12/8/99 17:15	1026.00	30.30	0.658	122.03	251.66	510.54			
12/8/99 17:30	1026.00	30.30	0.659	121.77	251.19	510.87			
12/8/99 17:45	1026.13	30.30	0.661	121.51	250.72	511.37			
12/8/99 18:00	1026.25	30.31	0.663	121.25	250.25	511.67	510.80		
12/8/99 18:15	1026.25	30.31	0.661	120.73	249.31	510.60			
12/8/99 18:30	1026.38	30.31	0.659	120.21	248.37	509.49			
12/8/99 18:45	1026.63	30.32	0.660	120.21	248.37	509.93			
12/8/99 19:00	1026.75	30.32	0.664	120.21	248.37	511.33	510.11		
12/8/99 19:15	1026.75	30.32	0.656	120.21	248.37	509.17			
12/8/99 19:30	1026.88	30.32	0.662	120.21	248.37	510.61			
12/8/99 19:45	1026.88	30.32	0.661	120.21	248.37	510.34			
12/8/99 20:00	1027.13	30.33	0.661	120.21	248.37	510.04	510.33		
12/8/99 20:15	1027.13	30.33	0.663	120.21	248.37	511.01			
12/8/99 20:30	1026.88	30.32	0.659	120.21	248.37	509.64			
12/8/99 20:45	1026.88	30.32	0.662	120.21	248.37	510.61			
12/8/99 21:00	1027.25	30.33	0.661	120.21	248.37	510.01	510.25		
12/8/99 21:15	1027.38	30.34	0.663	120.21	248.37	510.94			
12/8/99 21:30	1027.13	30.33	0.661	120.21	248.37	510.04			
12/8/99 21:45	1027.13	30.33	0.659	120.21	248.37	509.58			
12/8/99 22:00	1027.00	30.33	0.661	120.21	248.37	510.07	509.81		
12/8/99 22:15	1027.00	30.33	0.661	120.21	248.37	510.07			
12/8/99 22:30	1027.13	30.33	0.659	120.21	248.37	509.31			
12/8/99 22:45	1027.13	30.33	0.662	119.94	247.90	510.37			
12/8/99 23:00	1027.13	30.33	0.660	119.94	247.90	509.64	509.75		
12/8/99 23:15	1027.13	30.33	0.660	119.68	247.43	509.47			
12/8/99 23:30	1027.00	30.33	0.661	119.68	247.43	509.97			
12/8/99 23:45	1026.88	30.32	0.660	119.68	247.43	509.53			
12/9/99 0:00	1026.88	30.32	0.658	119.68	247.43	508.80	509.42		
12/9/99 0:15	1026.75	30.32	0.661	119.42	246.96	509.63			
12/9/99 0:30	1026.75	30.32	0.659	119.42	246.96	509.18			
12/9/99 0:45	1026.88	30.32	0.660	119.42	246.96	509.36			
12/9/99 1:00	1026.50	30.31	0.658	119.68	247.43	508.66	509.14		
12/9/99 1:15	1026.13	30.30	0.659	119.68	247.43	509.49			
12/9/99 1:30	1026.25	30.31	0.659	119.42	246.96	509.02			
12/9/99 1:45	1026.63	30.32	0.658	119.42	246.96	508.69			
12/9/99 2:00	1026.75	30.32	0.660	119.68	247.43	509.56	509.29		
12/9/99 2:15	1026.50	30.31	0.660	119.42	246.96	509.46			

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/9/99 2:30	1026.63	30.32	0.661	119.16	246.49	509.72			
12/9/99 2:45	1026.75	30.32	0.659	119.16	246.49	508.99			
12/9/99 3:00	1026.75	30.32	0.659	118.90	246.02	508.55	508.87		
12/9/99 3:15	1026.63	30.32	0.659	118.38	245.08	508.52			
12/9/99 3:30	1026.38	30.31	0.659	118.38	245.08	508.58			
12/9/99 3:45	1026.25	30.31	0.657	118.12	244.61	507.48			
12/9/99 4:00	1026.13	30.30	0.655	118.12	244.61	506.77	508.12		
12/9/99 4:15	1026.00	30.30	0.659	117.85	244.14	508.33			
12/9/99 4:30	1025.88	30.29	0.660	119.16	246.49	509.44			
12/9/99 4:45	1025.75	30.29	0.657	119.68	247.43	506.61			
12/9/99 5:00	1025.75	30.29	0.660	119.68	247.43	509.81	509.16		
12/9/99 5:15	1025.75	30.29	0.658	119.68	247.43	509.08			
12/9/99 5:30	1025.75	30.29	0.658	119.68	247.43	508.85			
12/9/99 5:45	1025.75	30.29	0.659	119.42	246.96	509.14			
12/9/99 6:00	1025.88	30.29	0.658	119.16	246.49	508.46	508.56		
12/9/99 6:15	1025.88	30.29	0.658	119.42	246.96	508.65			
12/9/99 6:30	1025.88	30.29	0.655	119.42	246.96	507.68			
12/9/99 6:45	1026.00	30.30	0.657	118.38	245.08	507.71			
12/9/99 7:00	1026.13	30.30	0.658	117.85	244.14	507.57	507.92		
12/9/99 7:15	1026.00	30.30	0.660	117.85	244.14	508.56			
12/9/99 7:30	1025.88	30.29	0.659	117.85	244.14	508.09			
12/9/99 7:45	1025.88	30.29	0.659	117.85	244.14	508.36			
12/9/99 8:00	1025.63	30.29	0.658	117.85	244.14	507.69	507.99		
12/9/99 8:15	1026.00	30.30	0.656	118.12	244.61	507.31			
12/9/99 8:30	1026.13	30.30	0.659	118.12	244.61	508.47			
12/9/99 8:45	1026.25	30.31	0.658	118.38	245.08	508.11			
12/9/99 9:00	1026.13	30.30	0.659	118.90	246.02	508.71	510.21		
12/9/99 9:15	1026.00	30.30	0.655	118.90	246.02	507.31			
12/9/99 9:30	1025.63	30.29	0.686	117.85	244.14	518.43			
12/9/99 9:45	1025.88	30.29	0.657	119.42	246.96	508.41			
12/9/99 10:00	1026.13	30.30	0.198	100.35	212.62	272.30	259.83		
12/9/99 10:15	1026.13	30.30	0.000	75.52	167.94	0.00			
12/9/99 10:30	1026.00	30.30	0.000	60.89	141.60	0.00			
12/9/99 10:45	1026.00	30.30	0.000	51.49	124.67	0.00			
12/9/99 11:00	1025.88	30.29	0.000	45.46	113.86	0.00	0.00		
12/9/99 11:15	1025.75	30.29	0.000	40.51	104.92	0.00			
12/9/99 11:30	1025.38	30.28	0.000	38.85	98.33	0.00			
12/9/99 11:45	1024.88	30.26	0.000	34.24	93.63	0.00			
12/9/99 12:00	1024.63	30.26	0.000	31.89	89.40	0.00	130.77		
12/9/99 12:15	1024.38	30.25	0.091	32.15	89.87	166.64			
12/9/99 12:30	1024.00	30.24	0.642	95.12	203.22	487.23			
12/9/99 12:45	1023.75	30.23	0.661	113.41	236.14	506.45			
12/9/99 13:00	1023.63	30.23	0.665	118.64	245.55	511.59	506.54		
12/9/99 13:15	1023.25	30.22	0.663	120.47	248.84	512.14			
12/9/99 13:30	1022.75	30.20	0.669	121.77	251.19	515.28			
12/9/99 13:45	1022.38	30.19	0.663	122.56	252.60	513.72			
12/9/99 14:00	1022.00	30.18	0.664	123.08	253.54	514.66	514.63		
12/9/99 14:15	1021.88	30.18	0.664	123.34	254.01	514.86			
12/9/99 14:30	1021.63	30.17	0.664	123.34	254.01	514.65			
12/9/99 14:45	1021.50	30.16	0.666	123.60	254.48	515.82			
12/9/99 15:00	1021.25	30.16	0.665	123.60	254.48	515.42	515.56		
12/9/99 15:15	1021.13	30.15	0.666	124.13	255.43	516.25			
12/9/99 15:30	1020.75	30.14	0.664	124.13	255.43	515.65			
12/9/99 15:45	1020.50	30.14	0.664	123.60	254.48	515.37			
12/9/99 16:00	1020.50	30.14	0.664	123.60	254.48	515.37	515.52		
12/9/99 16:15	1020.38	30.13	0.665	124.13	255.43	515.98			
12/9/99 16:30	1020.38	30.13	0.663	124.13	255.43	515.24			
12/9/99 16:45	1020.13	30.12	0.664	123.86	254.95	515.64			
12/9/99 17:00	1020.00	30.12	0.663	123.60	254.48	515.00	515.33		
12/9/99 17:15	1020.00	30.12	0.664	123.60	254.48	515.23			
12/9/99 17:30	1019.88	30.12	0.664	123.60	254.48	515.53			
12/9/99 17:45	1020.00	30.12	0.665	123.60	254.48	515.73			
12/9/99 18:00	1019.88	30.12	0.664	123.34	254.01	515.09	514.90		
12/9/99 18:15	1019.50	30.11	0.661	122.82	253.07	513.88			
12/9/99 18:30	1019.38	30.10	0.663	122.56	252.60	514.24			
12/9/99 18:45	1019.13	30.09	0.665	122.56	252.60	515.28			
12/9/99 19:00	1018.88	30.09	0.662	122.56	252.60	514.14	514.58		
12/9/99 19:15	1018.63	30.08	0.663	122.82	253.07	514.60			
12/9/99 19:30	1018.25	30.07	0.662	123.08	253.54	514.63			
12/9/99 19:45	1017.88	30.06	0.663	123.08	253.54	514.96			
12/9/99 20:00	1017.63	30.05	0.661	123.08	253.54	514.29	514.36		
12/9/99 20:15	1017.13	30.04	0.659	123.08	253.54	513.94			
12/9/99 20:30	1017.00	30.03	0.659	123.08	253.54	513.98			
12/9/99 20:45	1016.88	30.03	0.659	123.08	253.54	514.01			
12/9/99 21:00	1016.50	30.02	0.661	123.08	253.54	514.57	514.61		
12/9/99 21:15	1016.25	30.01	0.660	123.34	254.01	514.57			
12/9/99 21:30	1016.38	30.01	0.663	123.60	254.48	515.91			
12/9/99 21:45	1016.13	30.01	0.659	123.60	254.48	514.26			
12/9/99 22:00	1016.25	30.01	0.662	123.60	254.48	515.48	514.98		
12/9/99 22:15	1016.00	30.00	0.661	123.60	254.48	515.04			
12/9/99 22:30	1016.00	30.00	0.658	123.86	254.95	514.23			
12/9/99 22:45	1015.75	30.00	0.659	123.86	254.95	514.80			
12/9/99 23:00	1015.63	29.99	0.657	124.13	255.43	514.02	514.56		
12/9/99 23:15	1015.13	29.98	0.659	124.13	255.43	514.85			
12/9/99 23:30	1014.88	29.97	0.659	124.13	255.43	514.92			
12/9/99 23:45	1014.63	29.96	0.658	124.13	255.43	514.75			
12/10/99 0:00	1014.75	29.97	0.655	124.13	255.43	513.50	514.31		
12/10/99 0:15	1014.25	29.95	0.656	124.13	255.43	514.14			
12/10/99 0:30	1013.75	29.94	0.656	124.13	255.43	514.26			
12/10/99 0:45	1013.50	29.93	0.656	124.39	255.90	514.22			
12/10/99 1:00	1013.25	29.92	0.655	124.39	255.90	514.05	514.22		
12/10/99 1:15	1012.75	29.91	0.655	124.39	255.90	514.18			
12/10/99 1:30	1012.75	29.91	0.656	124.39	255.90	514.41			
12/10/99 1:45	1012.38	29.90	0.655	124.39	255.90	514.27			
12/10/99 2:00	1012.13	29.89	0.656	124.39	255.90	514.85	514.03		
12/10/99 2:15	1012.00	29.88	0.652	124.39	255.90	513.15			
12/10/99 2:30	1011.75	29.88	0.653	124.39	255.90	513.45			
12/10/99 2:45	1012.38	29.90	0.656	124.39	255.90	514.51			
12/10/99 3:00	1012.25	29.89	0.655	124.39	255.90	514.30	513.77		
12/10/99 3:15	1011.88	29.88	0.654	124.39	255.90	513.93			
12/10/99 3:30	1011.88	29.88	0.651	124.39	255.90	512.67			
12/10/99 3:45	1012.38	29.90	0.649	124.13	255.43	511.90			
12/10/99 4:00	1012.38	29.90	0.651	124.13	255.43	512.37	512.67		
12/10/99 4:15	1012.00	29.88	0.651	124.39	255.90	512.87			
12/10/99 4:30	1011.63	29.87	0.653	124.13	255.43	513.55			
12/10/99 4:45	1011.25	29.86	0.650	124.39	255.90	512.59			
12/10/99 5:00	1011.38	29.87	0.648	124.39	255.90	511.57	510.92		
12/10/99 5:15	1011.50	29.87	0.639	124.91	256.84	508.66			
12/10/99 5:30	1010.83	29.84	0.637	125.43	257.78	506.22			
12/10/99 5:45	1008.63	29.78	0.633	125.43	257.78	507.21			
12/10/99 6:00	1009.38	29.81	0.634	125.17	257.31	507.37	508.29		
12/10/99 6:15	1010.00	29.83	0.639	125.17	257.31	508.93			
12/10/99 6:30	1010.13	29.83	0.641	124.91	256.84	509.73			
12/10/99 6:45	1010.25	29.83	0.643	124.65	256.37	510.28			
12/10/99 7:00	1010.63	29.84	0.642	124.91	256.84	509.88	510.36		
12/10/99 7:15	1011.13	29.86	0.644	124.91	256.84	510.74			
12/10/99 7:30	1011.25	29.86	0.646	124.91	256.84	511.19			
12/10/99 7:45	1011.63	29.87	0.644	124.91	256.84	510.34			
12/10/99 8:00	1011.88	29.88	0.649	124.91	256.84	512.53	511.35		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/10/99 8:15	1012.25	29.89	0.847	124.85	256.37	511.28			
12/10/99 8:30	1012.63	29.90	0.848	124.85	256.37	511.42			
12/10/99 8:45	1012.63	29.90	0.847	124.39	255.90	511.02			
12/10/99 9:00	1013.13	29.92	0.848	124.39	255.90	511.37	511.21		
12/10/99 9:15	1013.50	29.93	0.849	124.13	255.43	511.34			
12/10/99 9:30	1013.88	29.94	0.849	123.80	254.46	510.91			
12/10/99 9:45	1014.38	29.95	0.850	123.80	254.48	511.30			
12/10/99 10:00	1014.88	29.97	0.850	123.34	254.01	511.00	511.28		
12/10/99 10:15	1015.38	29.98	0.851	123.08	253.54	510.94			
12/10/99 10:30	1015.63	29.99	0.854	123.08	253.54	512.13			
12/10/99 10:45	1015.75	30.00	0.850	123.08	253.54	510.81			
12/10/99 11:00	1015.88	30.00	0.851	123.34	254.01	510.99	510.99		
12/10/99 11:15	1016.13	30.01	0.849	123.60	254.48	510.62			
12/10/99 11:30	1016.50	30.02	0.850	123.34	254.01	510.59			
12/10/99 11:45	1017.00	30.03	0.851	123.34	254.01	510.70			
12/10/99 12:00	1017.13	30.04	0.850	123.08	253.54	510.27	510.89		
12/10/99 12:15	1017.38	30.04	0.853	123.34	254.01	511.59			
12/10/99 12:30	1017.50	30.05	0.853	123.34	254.01	511.32			
12/10/99 12:45	1017.75	30.05	0.854	123.60	254.48	511.94			
12/10/99 13:00	1017.75	30.05	0.853	123.60	254.48	511.43	511.35		
12/10/99 13:15	1018.13	30.07	0.854	123.60	254.48	511.84			
12/10/99 13:30	1018.38	30.07	0.849	123.88	254.95	510.22			
12/10/99 13:45	1018.50	30.08	0.852	123.88	254.95	511.17			
12/10/99 14:00	1018.75	30.08	0.854	123.88	254.95	512.09	511.56		
12/10/99 14:15	1019.00	30.09	0.856	123.88	254.95	512.50			
12/10/99 14:30	1019.50	30.11	0.854	124.13	255.43	511.83			
12/10/99 14:45	1019.75	30.11	0.855	124.13	255.43	512.24			
12/10/99 15:00	1020.25	30.13	0.854	124.13	255.43	511.85	512.08		
12/10/99 15:15	1020.75	30.14	0.856	123.60	254.48	511.89			
12/10/99 15:30	1021.25	30.16	0.859	123.34	254.01	512.60			
12/10/99 15:45	1021.38	30.16	0.858	123.34	254.01	512.30			
12/10/99 16:00	1021.75	30.17	0.858	123.08	253.54	512.27	512.24		
12/10/99 16:15	1021.88	30.18	0.856	123.08	253.54	511.54			
12/10/99 16:30	1022.00	30.18	0.859	122.82	253.07	512.28			
12/10/99 16:45	1022.63	30.20	0.857	122.56	252.60	511.25			
12/10/99 17:00	1022.75	30:20	0.858	122.56	252.60	511.45	511.33		
12/10/99 17:15	1022.88	30.21	0.858	122.03	251.66	511.08			
12/10/99 17:30	1023.25	30.22	0.857	121.77	251.19	510.59			
12/10/99 17:45	1023.50	30.22	0.859	121.51	250.72	511.33			
12/10/99 18:00	1023.88	30.23	0.856	121.25	250.25	509.86	510.43		
12/10/99 18:15	1024.13	30.24	0.858	120.99	249.78	510.33			
12/10/99 18:30	1024.25	30.25	0.858	120.99	249.78	510.06			
12/10/99 18:45	1024.50	30.25	0.858	120.73	249.31	510.07			
12/10/99 19:00	1024.75	30.26	0.859	120.73	249.31	510.24	510.10		
12/10/99 19:15	1025.25	30.28	0.859	120.47	248.84	509.94			
12/10/99 19:30	1025.50	30.28	0.860	120.21	248.37	510.21			
12/10/99 19:45	1025.75	30.29	0.858	120.21	248.37	509.42			
12/10/99 20:00	1025.88	30.29	0.859	119.94	247.90	509.45	509.31		
12/10/99 20:15	1026.13	30.30	0.857	119.88	247.43	508.52			
12/10/99 20:30	1026.38	30.31	0.858	119.68	247.43	508.92			
12/10/99 20:45	1026.50	30.31	0.861	119.88	247.43	509.66			
12/10/99 21:00	1026.63	30.32	0.861	119.42	246.96	509.89	509.05		
12/10/99 21:15	1026.75	30.32	0.858	119.16	246.49	508.26			
12/10/99 21:30	1026.75	30.32	0.858	118.90	246.02	508.32			
12/10/99 21:45	1026.63	30.32	0.860	119.66	247.43	509.60			
12/10/99 22:00	1026.75	30.32	0.859	119.16	246.49	508.72	508.93		
12/10/99 22:15	1026.75	30.32	0.860	118.64	245.55	508.89			
12/10/99 22:30	1027.13	30.33	0.860	119.16	246.49	509.13			
12/10/99 22:45	1027.38	30.34	0.861	119.42	246.96	509.70			
12/10/99 23:00	1027.38	30.34	0.861	118.64	245.55	508.96	508.78		
12/10/99 23:15	1027.38	30.34	0.859	118.12	244.61	508.16			
12/10/99 23:30	1027.50	30.34	0.859	117.85	244.14	507.96			
12/10/99 23:45	1027.75	30.35	0.861	118.90	246.02	509.04			
12/11/99 0:00	1027.38	30.34	0.859	119.42	246.96	509.01	508.43		
12/11/99 0:15	1027.25	30.33	0.859	118.38	245.08	508.36			
12/11/99 0:30	1027.25	30.33	0.859	117.85	244.14	507.75			
12/11/99 0:45	1027.50	30.34	0.861	118.64	245.55	508.93			
12/11/99 1:00	1027.50	30.34	0.863	119.42	246.96	510.17	509.10		
12/11/99 1:15	1027.50	30.34	0.862	119.68	247.43	510.11			
12/11/99 1:30	1027.50	30.34	0.859	119.16	246.49	508.54			
12/11/99 1:45	1027.63	30.35	0.859	118.38	245.08	508.27			
12/11/99 2:00	1027.63	30.35	0.859	118.90	246.02	508.34	508.63		
12/11/99 2:15	1027.75	30.35	0.859	118.90	246.02	508.31			
12/11/99 2:30	1027.88	30.35	0.862	119.16	246.49	509.68			
12/11/99 2:45	1027.88	30.35	0.860	118.90	246.02	508.76			
12/11/99 3:00	1027.88	30.35	0.861	118.64	245.55	508.64	508.71		
12/11/99 3:15	1027.88	30.35	0.856	117.85	244.14	507.37			
12/11/99 3:30	1027.63	30.35	0.861	118.64	245.55	508.90			
12/11/99 3:45	1027.75	30.35	0.859	119.42	246.96	508.92			
12/11/99 4:00	1027.63	30.35	0.861	119.42	246.96	509.41	508.91		
12/11/99 4:15	1027.63	30.35	0.858	119.16	246.49	508.26			
12/11/99 4:30	1027.63	30.35	0.861	118.90	246.02	509.07			
12/11/99 4:45	1027.50	30.34	0.857	117.59	243.67	506.63			
12/11/99 5:00	1027.50	30.34	0.859	117.07	242.73	507.18	506.95		
12/11/99 5:15	1027.38	30.34	0.858	116.55	241.79	506.41			
12/11/99 5:30	1027.13	30.33	0.854	116.55	241.79	505.26			
12/11/99 5:45	1027.13	30.33	0.854	116.55	241.79	505.28			
12/11/99 6:00	1026.88	30.32	0.858	116.55	241.79	506.54	506.26		
12/11/99 6:15	1027.00	30.33	0.857	116.55	241.79	506.27			
12/11/99 6:30	1027.13	30.33	0.859	118.12	244.61	507.95			
12/11/99 6:45	1027.25	30.33	0.860	118.90	246.02	508.93			
12/11/99 7:00	1027.38	30.34	0.859	119.16	246.49	508.57	508.49		
12/11/99 7:15	1027.25	30.33	0.859	119.42	246.96	509.04			
12/11/99 7:30	1027.25	30.33	0.858	118.90	246.02	507.97			
12/11/99 7:45	1027.38	30.34	0.859	118.38	245.08	508.06			
12/11/99 8:00	1027.38	30.34	0.859	118.90	246.02	508.67	507.96		
12/11/99 8:15	1027.50	30.34	0.856	117.85	244.14	506.77			
12/11/99 8:30	1027.63	30.35	0.859	118.90	246.02	508.34			
12/11/99 8:45	1027.63	30.35	0.858	119.42	246.96	508.21			
12/11/99 9:00	1028.00	30.36	0.858	119.42	246.96	508.35	508.28		
12/11/99 9:15	1028.00	30.36	0.858	119.42	246.96	508.35			
12/11/99 9:30	1028.13	30.36	0.858	119.16	246.49	508.15			
12/11/99 9:45	1028.13	30.36	0.857	119.18	246.49	507.89			
12/11/99 10:00	1028.25	30.36	0.856	119.16	246.49	507.89	507.86		
12/11/99 10:15	1028.25	30.36	0.857	119.42	246.96	507.83			
12/11/99 10:30	1028.38	30.37	0.856	119.68	247.43	507.73			
12/11/99 10:45	1028.38	30.37	0.856	119.94	247.90	507.63			
12/11/99 11:00	1028.13	30.36	0.859	120.21	248.37	509.06	508.35		
12/11/99 11:15	1027.88	30.35	0.858	120.21	248.37	508.66			
12/11/99 11:30	1027.63	30.35	0.857	120.47	248.84	508.66			
12/11/99 11:45	1027.25	30.33	0.858	120.73	249.31	509.38			
12/11/99 12:00	1027.38	30.34	0.856	120.99	249.78	508.55	508.61		
12/11/99 12:15	1027.38	30.34	0.856	120.99	249.78	508.82			
12/11/99 12:30	1027.13	30.33	0.856	120.99	249.78	508.61			
12/11/99 12:45	1026.63	30.32	0.853	121.51	250.72	508.10			
12/11/99 13:00	1026.13	30.30	0.853	121.77	251.19	508.40	508.81		
12/11/99 13:15	1025.75	30.29	0.855	121.77	251.19	509.23			
12/11/99 13:30	1025.50	30.28	0.856	122.03	251.66	509.69			
12/11/99 13:45	1025.00	30.27	0.853	122.30	252.13	509.01			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/11/99 14:00	1024.75	30.26	0.654	122.56	252.60	509.51	509.42		
12/11/99 14:15	1024.88	30.26	0.654	122.56	252.60	509.48			
12/11/99 14:30	1024.75	30.26	0.653	122.82	253.07	509.41			
12/11/99 14:45	1024.63	30.28	0.654	122.56	252.60	509.78			
12/11/99 15:00	1024.50	30.25	0.655	122.82	253.07	510.21	509.62		
12/11/99 15:15	1024.75	30.26	0.653	123.08	253.54	509.34			
12/11/99 15:30	1024.88	30.26	0.653	122.82	253.07	509.38			
12/11/99 15:45	1024.63	30.26	0.653	122.56	252.60	509.04			
12/11/99 16:00	1024.50	30.25	0.654	122.56	252.60	509.58	509.15		
12/11/99 16:15	1024.63	30.26	0.652	122.56	252.60	508.80			
12/11/99 16:30	1024.38	30.25	0.653	122.30	252.13	508.93			
12/11/99 16:45	1024.25	30.25	0.653	122.03	251.66	509.03			
12/11/99 17:00	1024.00	30.24	0.653	121.77	251.19	508.69	508.62		
12/11/99 17:15	1024.00	30.24	0.651	121.77	251.19	508.18			
12/11/99 17:30	1023.63	30.23	0.653	120.99	249.78	508.28			
12/11/99 17:45	1023.25	30.22	0.649	120.47	248.84	506.82			
12/11/99 18:00	1022.88	30.21	0.651	120.47	248.84	507.62	507.42		
12/11/99 18:15	1022.75	30.20	0.651	120.47	248.84	507.42			
12/11/99 18:30	1022.75	30.20	0.649	120.47	248.84	506.95			
12/11/99 18:45	1023.25	30.22	0.653	120.47	248.84	508.03			
12/11/99 19:00	1023.50	30.22	0.649	120.21	248.37	506.59	507.28		
12/11/99 19:15	1023.13	30.21	0.652	120.21	248.37	507.66			
12/11/99 19:30	1023.00	30.21	0.651	120.21	248.37	507.19			
12/11/99 19:45	1022.75	30.20	0.649	120.21	248.37	506.51			
12/11/99 20:00	1022.63	30.20	0.652	120.21	248.37	507.79	506.87		
12/11/99 20:15	1022.75	30.20	0.648	120.21	248.37	506.27			
12/11/99 20:30	1022.88	30.21	0.649	119.94	247.90	506.58			
12/11/99 20:45	1022.63	30.20	0.651	119.68	247.43	506.94			
12/11/99 21:00	1022.63	30.20	0.648	119.68	247.43	505.97	506.38		
12/11/99 21:15	1022.25	30.19	0.649	119.68	247.43	506.29			
12/11/99 21:30	1022.13	30.18	0.648	119.68	247.43	506.09			
12/11/99 21:45	1021.75	30.17	0.649	119.94	247.90	506.59			
12/11/99 22:00	1021.63	30.17	0.647	119.94	247.90	505.91	506.08		
12/11/99 22:15	1021.25	30.16	0.647	119.94	247.90	506.01			
12/11/99 22:30	1021.00	30.15	0.646	119.94	247.90	505.60			
12/11/99 22:45	1020.75	30.14	0.646	119.94	247.90	505.66			
12/11/99 23:00	1020.75	30.14	0.646	119.94	247.90	505.62	505.80		
12/11/99 23:15	1020.63	30.14	0.646	120.21	248.37	506.06			
12/11/99 23:30	1020.25	30.13	0.645	120.21	248.37	505.66			
12/11/99 23:45	1019.88	30.12	0.646	120.47	248.84	506.41			
12/12/99 0:00	1020.00	30.12	0.645	120.47	248.84	505.91	505.86		
12/12/99 0:15	1019.88	30.12	0.644	120.73	249.31	505.80			
12/12/99 0:30	1019.38	30.10	0.644	120.73	249.31	505.72			
12/12/99 0:45	1019.50	30.11	0.644	120.73	249.31	505.97			
12/12/99 1:00	1019.25	30.10	0.644	120.73	249.31	505.75	505.82		
12/12/99 1:15	1018.13	30.07	0.643	120.99	249.78	505.73			
12/12/99 1:30	1018.63	30.08	0.641	120.73	249.31	504.92			
12/12/99 1:45	1018.75	30.08	0.642	120.99	249.78	505.34			
12/12/99 2:00	1019.25	30.10	0.643	120.99	249.78	505.66	505.29		
12/12/99 2:15	1018.25	30.07	0.640	120.99	249.78	504.71			
12/12/99 2:30	1018.63	30.08	0.643	121.25	250.25	505.77			
12/12/99 2:45	1019.25	30.10	0.643	121.25	250.25	505.62			
12/12/99 3:00	1018.88	30.09	0.644	121.25	250.25	506.18	505.95		
12/12/99 3:15	1018.88	30.09	0.643	121.25	250.25	505.94			
12/12/99 3:30	1018.63	30.08	0.644	121.25	250.25	506.24			
12/12/99 3:45	1018.50	30.08	0.645	120.99	249.78	506.62			
12/12/99 4:00	1018.25	30.07	0.641	120.99	249.78	505.18	505.64		
12/12/99 4:15	1018.13	30.07	0.641	120.99	249.78	504.98			
12/12/99 4:30	1018.38	30.07	0.641	120.99	249.78	505.15			
12/12/99 4:45	1018.25	30.07	0.643	120.99	249.78	505.93			
12/12/99 5:00	1018.00	30.06	0.641	120.99	249.78	505.01	505.48		
12/12/99 5:15	1018.88	30.09	0.643	120.99	249.78	505.54			
12/12/99 5:30	1018.88	30.09	0.643	120.99	249.78	505.78			
12/12/99 5:45	1018.50	30.08	0.641	120.99	249.78	504.89			
12/12/99 6:00	1018.50	30.08	0.643	120.99	249.78	505.87	505.02		
12/12/99 6:15	1018.00	30.06	0.639	120.99	249.78	504.26			
12/12/99 6:30	1017.75	30.05	0.639	120.99	249.78	504.32			
12/12/99 6:45	1018.25	30.07	0.642	121.25	250.25	505.63			
12/12/99 7:00	1018.38	30.07	0.641	121.51	250.72	505.49	505.25		
12/12/99 7:15	1018.25	30.07	0.641	121.51	250.72	505.52			
12/12/99 7:30	1018.25	30.07	0.641	121.51	250.72	505.28			
12/12/99 7:45	1019.00	30.09	0.643	120.99	249.78	505.75			
12/12/99 8:00	1019.00	30.09	0.641	120.99	249.78	504.78	505.39		
12/12/99 8:15	1019.13	30.09	0.643	120.99	249.78	505.72			
12/12/99 8:30	1019.25	30.10	0.643	120.99	249.78	505.45			
12/12/99 8:45	1019.13	30.09	0.641	120.99	249.78	504.73			
12/12/99 9:00	1018.88	30.09	0.639	120.99	249.78	504.04	504.85		
12/12/99 9:15	1018.63	30.08	0.642	120.99	249.78	505.37			
12/12/99 9:30	1018.38	30.07	0.640	120.99	249.78	504.68			
12/12/99 9:45	1018.25	30.07	0.638	120.99	249.78	503.72			
12/12/99 10:00	1017.88	30.06	0.640	120.99	249.78	504.80	504.50		
12/12/99 10:15	1017.50	30.05	0.639	121.25	250.25	504.83			
12/12/99 10:30	1017.00	30.03	0.638	121.25	250.25	504.44			
12/12/99 10:45	1016.63	30.02	0.637	121.25	250.25	504.06			
12/12/99 11:00	1016.75	30.02	0.640	121.77	251.19	505.59	504.97		
12/12/99 11:15	1017.25	30.04	0.640	122.03	251.66	505.63			
12/12/99 11:30	1017.13	30.04	0.639	122.03	251.66	505.15			
12/12/99 11:45	1017.00	30.03	0.639	122.56	252.60	505.51			
12/12/99 12:00	1016.88	30.03	0.637	122.56	252.60	504.83	505.36		
12/12/99 12:15	1016.75	30.02	0.639	122.82	253.07	506.02			
12/12/99 12:30	1016.63	30.02	0.638	122.82	253.07	505.30			
12/12/99 12:45	1016.25	30.01	0.639	122.82	253.07	505.86			
12/12/99 13:00	1015.88	30.00	0.639	122.82	253.07	505.98	505.42		
12/12/99 13:15	1015.88	30.00	0.637	122.82	253.07	505.24			
12/12/99 13:30	1015.75	30.00	0.636	122.82	253.07	504.76			
12/12/99 13:45	1015.75	30.00	0.636	123.08	253.54	505.16			
12/12/99 14:00	1015.75	30.00	0.633	123.08	253.54	503.93	504.98		
12/12/99 14:15	1015.50	29.99	0.638	123.08	253.54	505.98			
12/12/99 14:30	1015.13	29.98	0.636	123.08	253.54	505.08			
12/12/99 14:45	1015.00	29.97	0.635	123.08	253.54	504.87			
12/12/99 15:00	1015.00	29.97	0.636	123.08	253.54	505.35	504.96		
12/12/99 15:15	1015.00	29.97	0.635	123.08	253.54	504.67			
12/12/99 15:30	1015.13	29.98	0.634	123.08	253.54	504.60			
12/12/99 15:45	1015.00	29.97	0.635	123.08	253.54	504.87			
12/12/99 16:00	1015.00	29.97	0.634	123.34	254.01	504.60	504.79		
12/12/99 16:15	1014.88	29.97	0.634	123.34	254.01	504.55			
12/12/99 16:30	1015.00	29.97	0.636	123.08	253.54	505.11			
12/12/99 16:45	1015.00	29.97	0.634	123.34	254.01	504.52			
12/12/99 17:00	1014.75	29.97	0.634	123.34	254.01	504.86	503.78		
12/12/99 17:15	1014.88	29.97	0.631	123.34	254.01	503.56			
12/12/99 17:30	1015.00	29.97	0.624	123.86	254.95	500.86			
12/12/99 17:45	1015.13	29.98	0.617	124.65	256.37	498.58			
12/12/99 18:00	1015.00	29.97	0.605	125.69	258.25	494.42	494.19		
12/12/99 18:15	1014.88	29.97	0.593	127.26	261.07	490.53			
12/12/99 18:30	1015.13	29.98	0.583	128.04	262.48	488.54			
12/12/99 18:45	1015.38	29.98	0.581	128.31	262.95	488.10			
12/12/99 19:00	1015.38	29.98	0.583	128.57	263.42	487.05	507.84		
12/12/99 19:15	1015.38	29.98	0.691	122.03	251.66	525.95			
12/12/99 19:30	1015.50	29.99	0.792	108.97	226.15	553.55			

Date Time	Bar Press millibar	Bar Press "Hg	Diff Press "WC	Air Temp Deg. C	Air Temp Deg. F	Air Flow (SCFM)	(Ave)	(SCFM)	(SCFM)
12/12/99 19:45	1015.50	29.99	0.736	105.05	221.09	530.98			
12/12/99 20:00	1015.38	29.98	0.605	114.20	237.55	487.18	497.75		
12/12/99 20:15	1015.13	29.96	0.524	127.26	261.07	461.19			
12/12/99 20:30	1014.88	29.97	0.505	133.01	271.42	455.67			
12/12/99 20:45	1014.75	29.97	0.508	135.36	275.65	458.62			
12/12/99 21:00	1014.50	29.96	0.507	136.67	278.00	458.66	457.93		
12/12/99 21:15	1014.63	29.96	0.505	137.71	279.88	458.56			
12/12/99 21:30	1014.50	29.96	0.502	138.76	281.76	457.76			
12/12/99 21:45	1014.50	29.96	0.502	139.28	282.70	458.05			
12/12/99 22:00	1014.38	29.95	0.499	139.54	283.17	456.76	456.91		
12/12/99 22:15	1014.13	29.95	0.497	140.06	284.12	456.26			
12/12/99 22:30	1013.88	29.94	0.496	140.06	284.12	455.73			
12/12/99 22:45	1013.88	29.94	0.493	140.59	285.06	454.59			
12/12/99 23:00	1013.88	29.94	0.498	140.06	284.12	456.61	456.64		
12/12/99 23:15	1014.13	29.95	0.503	140.06	284.12	458.64			
12/12/99 23:30	1014.13	29.95	0.500	139.54	283.17	457.41			
12/12/99 23:45	1014.13	29.95	0.497	140.33	284.59	456.42			
12/13/99 0:00	1014.50	29.96	0.501	139.54	283.17	457.60	455.61		
12/13/99 0:15	1014.63	29.96	0.493	139.80	283.65	454.27			
12/13/99 0:30	1014.38	29.95	0.489	141.11	286.00	453.34			
12/13/99 0:45	1014.38	29.95	0.490	140.59	285.06	453.33			
12/13/99 1:00	1014.38	29.95	0.488	140.85	285.53	452.59	452.93		
12/13/99 1:15	1014.25	29.95	0.488	140.85	285.53	452.62			
12/13/99 1:30	1014.13	29.95	0.488	141.11	286.00	452.79			
12/13/99 1:45	1013.75	29.94	0.484	141.89	287.41	451.25			
12/13/99 2:00	1013.38	29.92	0.483	141.63	288.94	450.91	451.49		
12/13/99 2:15	1013.63	29.93	0.484	141.37	288.47	451.32			
12/13/99 2:30	1014.25	29.95	0.484	141.37	286.47	451.18			
12/13/99 2:45	1014.25	29.95	0.488	141.11	286.00	452.76			
12/13/99 3:00	1014.25	29.95	0.485	141.11	286.00	451.32	450.89		
12/13/99 3:15	1014.50	29.96	0.486	141.37	286.47	451.69			
12/13/99 3:30	1014.13	29.95	0.475	142.68	288.82	447.52			
12/13/99 3:45	1014.25	29.95	0.477	142.68	288.82	448.38			
12/13/99 4:00	1014.50	29.96	0.476	142.42	288.35	447.57	447.80		
12/13/99 4:15	1014.88	29.97	0.477	142.68	288.82	448.24			
12/13/99 4:30	1015.13	29.98	0.475	142.68	288.82	447.29			
12/13/99 4:45	1015.13	29.98	0.474	142.94	289.29	447.15			
12/13/99 5:00	1014.88	29.97	0.477	141.89	287.41	447.82	447.11		
12/13/99 5:15	1014.88	29.97	0.475	141.89	287.41	446.93			
12/13/99 5:30	1014.75	29.97	0.474	141.89	287.41	446.34			
12/13/99 5:45	1015.00	29.97	0.474	142.42	288.35	446.57			
12/13/99 6:00	1015.00	29.97	0.474	143.20	289.76	446.99	446.56		
12/13/99 6:15	1014.75	29.97	0.475	142.15	287.88	447.10			
12/13/99 6:30	1014.75	29.97	0.473	141.89	287.41	445.78			
12/13/99 6:45	1014.88	29.97	0.475	141.89	287.41	446.93			
12/13/99 7:00	1015.13	29.98	0.497	141.11	286.00	456.63	434.07		
12/13/99 7:15	1015.25	29.98	0.516	137.71	279.88	463.47			
12/13/99 7:30	1015.25	29.98	0.314	128.31	262.95	357.54			
12/13/99 7:45	1015.63	29.99	0.000	91.20	196.16	0.00			
12/13/99 8:00	1015.75	30.00	0.000	71.06	159.95	0.00	71.51		
12/13/99 8:15	1015.88	30.00	0.000	58.28	136.90	0.00			
12/13/99 8:30	1015.88	30.00	0.000	48.35	119.03	0.00			
12/13/99 8:45	1016.00	30.00	0.008	39.73	103.51	48.74			
12/13/99 9:00	1015.75	30.00	0.046	30.06	86.11	118.32	92.27		
12/13/99 9:15	1015.75	30.00	0.038	25.09	77.17	106.41			
12/13/99 9:30	1015.75	30.00	0.119	18.82	65.68	187.88			
12/13/99 9:45	1016.00	30.00	0.000	16.99	62.59	0.00			
12/13/99 10:00	1016.00	30.00	0.000	14.64	58.36	0.00	62.03		
12/13/99 10:15	1016.25	30.01	0.171	12.03	53.65	222.28			
12/13/99 10:30	1016.00	30.00	0.000	11.25	52.24	0.00			
12/13/99 10:45	1015.75	30.00	0.000	11.51	52.71	0.00			
12/13/99 11:00	1015.63	29.99	0.000	11.51	52.71	0.00	0.00		
12/13/99 11:15	1015.38	29.98	0.000	12.03	53.65	0.00			
12/13/99 11:30	1015.25	29.98	0.000	12.29	54.12	0.00			
12/13/99 11:45	1015.25	29.98	0.000	12.81	55.06	0.00			
12/13/99 12:00	1015.25	29.98	0.000	13.07	55.53	0.00	62.30		
12/13/99 12:15	1015.00	29.97	0.000	13.34	56.00	0.00			
12/13/99 12:30	1015.25	29.98	0.334	13.86	56.95	311.48			
12/13/99 12:45	1015.38	29.98	0.000	13.60	56.47	0.00			
12/13/99 13:00	1015.25	29.98	0.000	13.07	55.53	0.00	89.70		
12/13/99 13:15	1015.38	29.98	0.000	12.29	54.12	0.00			
12/13/99 13:30	1015.38	29.98	0.063	23.53	74.35	137.04			
12/13/99 13:45	1015.13	29.98	0.000	24.05	75.29	0.00			
12/13/99 14:00	1014.88	29.97	0.000	17.78	64.00	0.00	99.77		
12/13/99 14:15	1014.88	29.97	0.000	14.90	58.83	0.00			
12/13/99 14:30	1014.63	29.96	0.393	55.40	131.73	361.81			
12/13/99 14:45	1014.38	29.95	0.268	72.13	161.83	316.18			
12/13/99 15:00	1014.13	29.95	0.691	66.12	151.01	553.71	492.17		
12/13/99 15:15	1014.00	29.94	1.225	55.14	131.26	838.64			
12/13/99 15:30	1014.25	29.95	1.059	51.49	124.67	590.52			
12/13/99 15:45	1014.63	29.96	0.818	67.18	152.89	530.39			
12/13/99 16:00	1014.50	29.96	0.652	68.47	155.24	475.12	541.48		
12/13/99 16:15	1014.38	29.95	0.872	74.74	166.53	554.53			
12/13/99 16:30	1014.50	29.96	0.880	74.48	166.06	556.86			
12/13/99 16:45	1014.25	29.95	0.284	62.20	143.96	310.58			
12/13/99 17:00	1014.25	29.95	0.000	52.79	127.02	0.00	173.49		
12/13/99 17:15	1014.50	29.96	0.000	45.48	113.86	0.00			
12/13/99 17:30	1014.38	29.95	0.000	39.73	103.51	0.00			
12/13/99 17:45	1014.00	29.94	0.000	35.28	95.51	0.00			
12/13/99 18:00	1014.25	29.95	0.000	31.69	89.40	0.00	0.00		
12/13/99 18:15	1014.00	29.94	0.000	29.27	84.69	0.00			
12/13/99 18:30	1013.75	29.94	0.000	27.18	80.93	0.00			
12/13/99 18:45	1013.75	29.94	0.000	25.36	77.64	0.00			
12/13/99 19:00	1013.38	29.92	0.000	23.79	74.82	0.00	0.00		
12/13/99 19:15	1013.25	29.92	0.000	22.48	72.47	0.00			
12/13/99 19:30	1013.38	29.92	0.000	21.44	70.58	0.00			
12/13/99 19:45	1013.25	29.92	0.000	20.39	68.70	0.00			
12/13/99 20:00	1013.13	29.92	0.000	19.61	67.29	0.00	0.00		
12/13/99 20:15	1013.13	29.92	0.000	18.82	65.88	0.00			
12/13/99 20:30	1013.00	29.91	0.000	18.04	64.47	0.00			
12/13/99 20:45	1012.25	29.89	0.000	17.52	63.53	0.00			
12/13/99 21:00	1012.00	29.88	0.000	17.26	63.06	0.00	0.00		
12/13/99 21:15	1011.75	29.88	0.000	16.47	61.65	0.00			
12/13/99 21:30	1011.38	29.87	0.000	16.21	61.18	0.00			
12/13/99 21:45	1011.38	29.87	0.000	15.69	60.24	0.00			
12/13/99 22:00	1011.25	29.86	0.000	15.43	59.77	0.00	0.00		
12/13/99 22:15	1011.13	29.86	0.000	14.90	58.83	0.00			
12/13/99 22:30	1011.25	29.86	0.000	14.38	57.89	0.00			
12/13/99 22:45	1010.63	29.84	0.000	14.64	58.36	0.00			
12/13/99 23:00	1010.00	29.83	0.000	14.12	57.42	0.00	0.00		
12/13/99 23:15	1009.25	29.80	0.000	13.60	56.47	0.00			
12/13/99 23:30	1008.75	29.79	0.000	13.60	56.47	0.00			
12/13/99 23:45	1008.63	29.78	0.000	13.34	56.00	0.00			
12/14/99 0:00	1008.13	29.77	0.000	13.34	56.00	0.00	0.00		
12/14/99 0:15	1007.63	29.76	0.000	13.34	56.00	0.00			
12/14/99 0:30	1007.00	29.74	0.000	13.07	55.53	0.00			
12/14/99 0:45	1006.75	29.73	0.000	13.07	55.53	0.00			
12/14/99 1:00	1006.63	29.73	0.000	13.07	55.53	0.00	0.00		
12/14/99 1:15	1006.50	29.72	0.000	12.81	55.06	0.00			

301TELOG99.XLS

301TELOG99.XLS

Date Time	Bar Press milibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/14/99 1:30	1006.13	29.71	0.000	13.07	55.53	0.00			
12/14/99 1:45	1005.75	29.70	0.000	13.07	55.53	0.00			
12/14/99 2:00	1005.25	29.69	0.000	13.07	55.53	0.00	0.00		
12/14/99 2:15	1004.63	29.67	0.000	13.34	56.00	0.00			
12/14/99 2:30	1004.75	29.67	0.000	13.34	56.00	0.00			
12/14/99 2:45	1006.63	29.73	0.000	13.07	55.53	0.00			
12/14/99 3:00	1007.63	29.76	0.000	13.34	56.00	0.00	0.00		
12/14/99 3:15	1006.63	29.73	0.000	13.07	55.53	0.00			
12/14/99 3:30	1005.00	29.68	0.000	13.07	55.53	0.00			
12/14/99 3:45	1004.75	29.67	0.000	13.34	56.00	0.00			
12/14/99 4:00	1003.75	29.64	0.000	13.07	55.53	0.00	0.00		
12/14/99 4:15	1004.25	29.66	0.000	13.07	55.53	0.00			
12/14/99 4:30	1004.63	29.67	0.000	13.34	56.00	0.00			
12/14/99 4:45	1004.75	29.67	0.000	13.34	56.00	0.00			
12/14/99 5:00	1005.25	29.69	0.000	13.34	56.00	0.00	71.67		
12/14/99 5:15	1005.25	29.69	0.000	13.34	56.00	0.00			
12/14/99 5:30	1004.75	29.67	0.411	32.41	90.34	358.36			
12/14/99 5:45	1004.00	29.65	0.286	48.87	119.97	306.93			
12/14/99 6:00	1004.25	29.66	0.666	67.95	154.30	482.16	452.07		
12/14/99 6:15	1005.38	29.69	0.803	78.40	173.12	537.36			
12/14/99 6:30	1005.50	29.69	0.934	73.70	164.65	575.51			
12/14/99 6:45	1004.50	29.66	0.856	67.16	152.89	545.97			
12/14/99 7:00	1004.63	29.67	0.874	73.17	163.71	556.53	553.81		
12/14/99 7:15	1004.88	29.67	0.876	74.22	165.59	556.10			
12/14/99 7:30	1005.13	29.68	0.786	78.92	174.06	531.95			
12/14/99 7:45	1005.13	29.68	0.793	79.44	175.00	534.68			
12/14/99 8:00	1005.25	29.69	0.716	83.89	182.99	511.91	458.42		
12/14/99 8:15	1005.25	29.69	0.310	82.06	179.70	335.82			
12/14/99 8:30	1005.50	29.69	0.399	76.57	169.82	377.96			
12/14/99 8:45	1005.75	29.70	0.839	77.61	171.71	548.45			
12/14/99 9:00	1005.88	29.70	0.849	75.79	168.41	550.46	514.95		
12/14/99 9:15	1006.13	29.71	0.846	75.26	167.47	548.75			
12/14/99 9:30	1006.25	29.71	0.848	75.00	167.00	549.12			
12/14/99 9:45	1006.38	29.72	0.872	74.48	166.06	556.52			
12/14/99 10:00	1006.63	29.73	0.877	75.00	167.00	558.46	557.14		
12/14/99 10:15	1007.00	29.74	0.881	75.00	167.00	559.73			
12/14/99 10:30	1007.13	29.74	0.888	75.00	167.00	561.88			
12/14/99 10:45	1007.50	29.75	0.766	81.01	177.82	526.28			
12/14/99 11:00	1007.75	29.76	0.691	88.85	191.93	505.07	521.44		
12/14/99 11:15	1007.75	29.76	0.896	89.11	192.40	507.30			
12/14/99 11:30	1007.63	29.76	0.894	89.11	192.40	506.88			
12/14/99 11:45	1007.50	29.75	0.899	89.11	192.40	508.27			
12/14/99 12:00	1007.50	29.75	0.703	88.59	191.46	509.50	508.01		
12/14/99 12:15	1007.50	29.75	0.699	88.85	191.93	508.09			
12/14/99 12:30	1007.25	29.74	0.897	88.85	191.93	507.50			
12/14/99 12:45	1007.38	29.75	0.703	88.85	191.93	509.50			
12/14/99 13:00	1007.50	29.75	0.706	88.59	191.46	510.63	510.54		
12/14/99 13:15	1007.50	29.75	0.713	88.07	190.52	512.53			
12/14/99 13:30	1007.38	29.75	0.713	88.07	190.52	512.56			
12/14/99 13:45	1007.38	29.75	0.712	88.33	190.99	512.53			
12/14/99 14:00	1007.38	29.75	0.713	88.07	190.52	512.56	513.03		
12/14/99 14:15	1007.75	29.76	0.718	87.54	189.58	513.89			
12/14/99 14:30	1008.13	29.77	0.718	87.28	189.11	513.61			
12/14/99 14:45	1008.38	29.78	0.718	87.54	189.58	513.73			
12/14/99 15:00	1008.86	29.79	0.713	87.54	189.58	512.02	512.70		
12/14/99 15:15	1009.13	29.80	0.712	87.54	189.58	511.53			
12/14/99 15:30	1009.38	29.81	0.718	87.28	189.11	512.61			
12/14/99 15:45	1009.50	29.81	0.721	87.02	188.64	514.18			
12/14/99 16:00	1009.75	29.82	0.723	86.76	188.17	514.60	513.18		
12/14/99 16:15	1010.00	29.83	0.718	86.76	188.17	512.76			
12/14/99 16:30	1010.25	29.83	0.714	87.02	188.64	511.77			
12/14/99 16:45	1010.38	29.84	0.713	87.02	188.64	511.06			
12/14/99 17:00	1010.50	29.84	0.714	87.02	188.64	511.46	511.59		
12/14/99 17:15	1010.88	29.85	0.713	87.02	188.64	511.15			
12/14/99 17:30	1011.00	29.85	0.718	86.76	188.17	512.50			
12/14/99 17:45	1011.13	29.86	0.719	86.50	187.70	512.75			
12/14/99 18:00	1011.38	29.87	0.723	86.24	187.23	513.82	513.05		
12/14/99 18:15	1011.63	29.87	0.723	85.98	186.76	513.57			
12/14/99 18:30	1011.88	29.88	0.720	85.98	186.76	512.62			
12/14/99 18:45	1012.00	29.88	0.717	86.24	187.23	511.66			
12/14/99 19:00	1012.00	29.88	0.716	86.76	188.17	511.57	511.48		
12/14/99 19:15	1012.00	29.88	0.714	86.50	187.70	510.71			
12/14/99 19:30	1012.13	29.89	0.714	86.76	188.17	510.86			
12/14/99 19:45	1012.00	29.88	0.715	86.76	188.17	511.36			
12/14/99 20:00	1012.13	29.89	0.713	86.76	188.17	510.43	511.03		
12/14/99 20:15	1012.50	29.90	0.715	86.76	188.17	511.23			
12/14/99 20:30	1012.63	29.90	0.716	86.24	187.23	511.29			
12/14/99 20:45	1012.88	29.91	0.722	85.98	186.76	513.04			
12/14/99 21:00	1013.00	29.91	0.723	85.98	186.76	513.43	512.39		
12/14/99 21:15	1013.00	29.91	0.721	85.98	186.76	512.76			
12/14/99 21:30	1013.00	29.91	0.718	85.98	186.76	511.44			
12/14/99 21:45	1013.00	29.91	0.719	86.24	187.23	512.30			
12/14/99 22:00	1013.13	29.92	0.714	86.76	188.17	510.81	511.15		
12/14/99 22:15	1013.13	29.92	0.715	86.76	188.17	511.07			
12/14/99 22:30	1013.38	29.92	0.713	86.76	188.17	510.33			
12/14/99 22:45	1013.50	29.93	0.711	87.02	188.64	509.80			
12/14/99 23:00	1013.63	29.93	0.711	87.02	188.64	509.56	509.97		
12/14/99 23:15	1013.75	29.94	0.713	87.02	188.64	510.42			
12/14/99 23:30	1013.75	29.94	0.711	87.02	188.64	509.74			
12/14/99 23:45	1013.63	29.93	0.709	87.02	188.64	508.88			
12/15/99 0:00	1013.38	29.92	0.709	87.28	189.11	509.37	510.06		
12/15/99 0:15	1013.25	29.92	0.715	87.02	188.64	511.23			
12/15/99 0:30	1013.13	29.92	0.715	86.76	188.17	511.07			
12/15/99 0:45	1013.13	29.92	0.714	86.76	188.17	510.88			
12/15/99 1:00	1012.88	29.91	0.716	86.76	188.17	511.35	511.16		
12/15/99 1:15	1013.00	29.91	0.716	86.76	188.17	511.57			
12/15/99 1:30	1012.88	29.91	0.714	86.76	188.17	510.92			
12/15/99 1:45	1012.75	29.91	0.714	86.76	188.17	510.70			
12/15/99 2:00	1012.75	29.91	0.711	86.76	188.17	509.81	510.15		
12/15/99 2:15	1012.75	29.91	0.712	87.02	188.64	510.24			
12/15/99 2:30	1012.75	29.91	0.709	87.02	188.64	509.10			
12/15/99 2:45	1012.75	29.91	0.706	87.02	188.64	507.98			
12/15/99 3:00	1012.63	29.90	0.704	87.28	189.11	507.76	507.92		
12/15/99 3:15	1012.38	29.90	0.704	87.28	189.11	507.83			
12/15/99 3:30	1012.25	29.89	0.702	87.28	189.11	506.96			
12/15/99 3:45	1012.00	29.88	0.700	87.28	189.11	506.33			
12/15/99 4:00	1011.50	29.87	0.699	87.28	189.11	506.24	506.21		
12/15/99 4:15	1011.25	29.86	0.695	87.02	188.64	504.52			
12/15/99 4:30	1011.13	29.86	0.699	88.59	191.46	507.00			
12/15/99 4:45	1010.88	29.85	0.696	88.33	190.99	505.97			
12/15/99 5:00	1010.83	29.84	0.696	87.54	189.58	505.48	505.98		
12/15/99 5:15	1010.83	29.84	0.697	87.28	189.11	505.55			
12/15/99 5:30	1010.38	29.84	0.699	86.76	188.17	505.90			
12/15/99 5:45	1010.25	29.83	0.698	86.76	188.17	505.50			
12/15/99 6:00	1010.00	29.83	0.698	86.76	188.17	505.78	505.78		
12/15/99 6:15	1009.75	29.82	0.698	86.76	188.17	505.84			
12/15/99 6:30	1009.63	29.81	0.698	86.76	188.17	505.87			
12/15/99 6:45	1009.50	29.81	0.695	86.76	188.17	504.78			
12/15/99 7:00	1009.25	29.80	0.698	86.76	188.17	505.97	505.04		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/15/99 7:15	1009.13	29.80	0.696	88.76	188.17	505.09			
12/15/99 7:30	1008.88	29.79	0.691	87.02	188.64	503.52			
12/15/99 7:45	1008.63	29.78	0.692	87.28	189.11	504.24			
12/15/99 8:00	1008.38	29.78	0.396	75.26	167.47	375.20	381.93		
12/15/99 8:15	1008.25	29.77	0.017	57.49	135.49	75.49			
12/15/99 8:30	1007.88	29.76	0.576	73.17	163.71	451.22			
12/15/99 8:45	1007.25	29.74	0.698	86.50	187.70	506.28			
12/15/99 9:00	1007.38	29.75	0.699	87.28	189.11	507.02	496.03		
12/15/99 9:15	1007.63	29.76	0.702	87.54	189.58	508.30			
12/15/99 9:30	1007.63	29.76	0.699	87.81	190.05	507.33			
12/15/99 9:45	1007.63	29.76	0.701	87.81	190.05	508.23			
12/15/99 10:00	1007.38	29.75	0.700	88.07	190.52	508.04	508.01		
12/15/99 10:15	1007.25	29.74	0.698	88.33	190.99	507.57			
12/15/99 10:30	1007.13	29.74	0.701	88.85	191.93	508.88			
12/15/99 10:45	1007.00	29.74	0.701	89.11	192.40	509.31			
12/15/99 11:00	1006.75	29.73	0.701	89.11	192.40	509.37	510.18		
12/15/99 11:15	1006.63	29.73	0.706	88.85	191.93	510.62			
12/15/99 11:30	1006.25	29.71	0.711	88.59	191.46	512.53			
12/15/99 11:45	1005.88	29.70	0.713	88.59	191.46	513.31			
12/15/99 12:00	1006.63	29.73	0.714	88.59	191.46	513.55	512.84		
12/15/99 12:15	1006.63	29.73	0.711	88.33	190.99	512.25			
12/15/99 12:30	1006.50	29.72	0.712	88.07	190.52	512.57			
12/15/99 12:45	1006.50	29.72	0.710	88.33	190.99	512.07			
12/15/99 13:00	1006.50	29.72	0.711	88.33	190.99	512.26	512.18		
12/15/99 13:15	1006.50	29.72	0.709	88.59	191.46	511.76			
12/15/99 13:30	1006.50	29.72	0.709	88.85	191.93	512.22			
12/15/99 13:45	1006.75	29.73	0.704	89.11	192.40	510.53			
12/15/99 14:00	1007.13	29.74	0.703	89.11	192.40	509.97	510.51		
12/15/99 14:15	1007.25	29.74	0.704	89.11	192.40	510.15			
12/15/99 14:30	1007.50	29.75	0.703	88.85	191.93	509.69			
12/15/99 14:45	1007.75	29.76	0.704	88.85	191.93	509.84			
12/15/99 15:00	1007.88	29.76	0.702	88.59	191.46	508.97	509.15		
12/15/99 15:15	1008.13	29.77	0.703	88.59	191.46	509.35			
12/15/99 15:30	1008.50	29.78	0.699	88.59	191.46	507.91			
12/15/99 15:45	1008.88	29.79	0.703	88.33	190.99	508.76			
12/15/99 16:00	1009.63	29.81	0.700	88.07	190.52	507.48	507.90		
12/15/99 16:15	1010.00	29.83	0.701	87.54	189.58	507.23			
12/15/99 16:30	1010.38	29.84	0.704	87.02	188.64	508.15			
12/15/99 16:45	1010.63	29.84	0.708	88.24	187.23	508.64			
12/15/99 17:00	1010.88	29.85	0.709	85.98	186.76	508.63	508.93		
12/15/99 17:15	1011.00	29.85	0.712	85.71	186.29	509.78			
12/15/99 17:30	1011.00	29.85	0.711	85.71	186.29	509.29			
12/15/99 17:45	1011.25	29.86	0.711	85.71	186.29	509.23			
12/15/99 18:00	1011.63	29.87	0.711	85.71	186.29	509.35	509.19		
12/15/99 18:15	1012.00	29.88	0.712	85.71	186.29	509.51			
12/15/99 18:30	1012.13	29.89	0.709	85.71	186.29	508.58			
12/15/99 18:45	1012.38	29.90	0.709	87.28	189.11	509.37			
12/15/99 19:00	1012.50	29.90	0.707	87.81	190.05	509.06	508.46		
12/15/99 19:15	1012.75	29.91	0.707	87.02	188.64	508.45			
12/15/99 19:30	1013.00	29.91	0.703	88.76	188.17	506.83			
12/15/99 19:45	1013.25	29.92	0.704	88.50	187.70	506.80			
12/15/99 20:00	1013.50	29.93	0.703	88.50	187.70	506.31	506.33		
12/15/99 20:15	1013.50	29.93	0.703	88.50	187.70	506.53			
12/15/99 20:30	1013.50	29.93	0.699	88.50	187.70	505.19			
12/15/99 20:45	1013.50	29.93	0.703	88.50	187.70	506.53			
12/15/99 21:00	1013.63	29.93	0.701	88.50	187.70	505.59	506.17		
12/15/99 21:15	1013.75	29.94	0.702	88.50	187.70	506.03			
12/15/99 21:30	1013.63	29.93	0.707	85.98	186.76	507.49			
12/15/99 21:45	1013.63	29.93	0.709	85.71	186.29	508.20			
12/15/99 22:00	1013.50	29.93	0.713	85.45	185.82	509.16	508.17		
12/15/99 22:15	1013.63	29.93	0.709	85.45	185.82	508.02			
12/15/99 22:30	1013.75	29.94	0.709	85.45	185.82	507.99			
12/15/99 22:45	1013.75	29.94	0.708	85.45	185.82	507.52			
12/15/99 23:00	1013.75	29.94	0.706	85.45	185.82	506.84	506.81		
12/15/99 23:15	1013.75	29.94	0.706	85.45	185.82	506.62			
12/15/99 23:30	1013.63	29.93	0.701	85.45	185.82	505.07			
12/15/99 23:45	1013.75	29.94	0.704	87.54	189.58	507.41			
12/16/99 0:00	1013.75	29.94	0.704	87.28	189.11	507.48	507.29		
12/16/99 0:15	1013.75	29.94	0.704	88.07	190.52	508.03			
12/16/99 0:30	1013.63	29.93	0.705	88.33	190.99	508.47			
12/16/99 0:45	1013.75	29.94	0.704	88.07	190.52	508.03			
12/16/99 1:00	1013.88	29.94	0.705	87.81	190.05	508.03	507.45		
12/16/99 1:15	1013.88	29.94	0.700	87.02	188.64	505.88			
12/16/99 1:30	1014.13	29.95	0.702	88.07	190.52	507.04			
12/16/99 1:45	1014.13	29.95	0.706	88.07	190.52	508.59			
12/16/99 2:00	1014.25	29.95	0.708	87.54	189.58	508.87	508.14		
12/16/99 2:15	1014.38	29.95	0.709	85.98	186.76	507.95			
12/16/99 2:30	1014.50	29.96	0.711	85.45	185.82	508.23			
12/16/99 2:45	1014.63	29.96	0.708	88.76	188.17	508.23			
12/16/99 3:00	1014.75	29.97	0.713	87.02	188.64	509.96	508.75		
12/16/99 3:15	1014.75	29.97	0.711	87.02	188.64	509.28			
12/16/99 3:30	1014.88	29.97	0.709	85.98	186.76	508.08			
12/16/99 3:45	1015.00	29.97	0.704	85.71	186.29	506.07			
12/16/99 4:00	1015.13	29.98	0.709	87.28	189.11	508.68	507.11		
12/16/99 4:15	1015.25	29.98	0.704	88.50	187.70	506.56			
12/16/99 4:30	1015.25	29.98	0.704	85.98	186.76	506.19			
12/16/99 4:45	1015.38	29.98	0.701	88.24	187.23	505.19			
12/16/99 5:00	1015.38	29.98	0.707	88.59	191.46	508.89	506.76		
12/16/99 5:15	1015.38	29.98	0.702	88.07	190.52	506.73			
12/16/99 5:30	1015.38	29.98	0.703	87.54	189.58	506.79			
12/16/99 5:45	1015.50	29.99	0.702	87.81	190.05	506.51			
12/16/99 6:00	1015.50	29.99	0.701	87.81	190.05	506.26	506.19		
12/16/99 6:15	1015.63	29.99	0.701	88.76	188.17	505.49			
12/16/99 6:30	1015.75	30.00	0.704	85.71	186.29	505.88			
12/16/99 6:45	1015.88	30.00	0.706	84.93	184.88	506.62			
12/16/99 7:00	1016.00	30.00	0.711	84.67	184.41	507.51	506.29		
12/16/99 7:15	1016.00	30.00	0.707	84.15	183.46	505.61			
12/16/99 7:30	1016.00	30.00	0.708	84.15	183.46	505.82			
12/16/99 7:45	1016.00	30.00	0.711	84.41	183.93	507.11			
12/16/99 8:00	1016.00	30.00	0.708	84.93	184.88	506.38	506.56		
12/16/99 8:15	1016.00	30.00	0.708	85.71	186.29	506.93			
12/16/99 8:30	1016.13	30.01	0.705	86.50	187.70	506.55			
12/16/99 8:45	1016.25	30.01	0.705	88.76	188.17	506.71			
12/16/99 9:00	1016.50	30.02	0.701	87.02	188.64	505.24	511.81		
12/16/99 9:15	1016.63	30.02	0.704	87.02	188.64	506.33			
12/16/99 9:30	1016.75	30.02	0.795	81.80	179.23	534.22			
12/16/99 9:45	1017.00	30.03	0.891	87.54	189.58	501.67			
12/16/99 10:00	1017.13	30.04	0.696	88.07	190.52	504.23	509.84		
12/16/99 10:15	1017.38	30.04	0.696	88.33	190.99	504.35			
12/16/99 10:30	1017.63	30.05	0.697	88.33	190.99	504.54			
12/16/99 10:45	1017.75	30.05	0.697	88.85	191.93	504.87			
12/16/99 11:00	1017.63	30.05	0.701	88.59	191.46	506.06	506.39		
12/16/99 11:15	1017.50	30.05	0.707	88.33	190.99	508.18			
12/16/99 11:30	1017.38	30.04	0.708	87.81	190.05	508.27			
12/16/99 11:45	1017.25	30.04	0.708	87.28	189.11	507.94			
12/16/99 12:00	1017.25	30.04	0.708	87.28	189.11	507.72	508.06		
12/16/99 12:15	1017.25	30.04	0.708	87.28	189.11	507.94			
12/16/99 12:30	1017.13	30.04	0.709	87.28	189.11	508.43			
12/16/99 12:45	1017.25	30.04	0.346	75.52	167.94	349.32			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/16/99 13:00	1017.50	30.05	0.000	60.11	140.19	0.00	373.05		
12/16/99 13:15	1017.63	30.05	0.708	79.70	175.47	502.27			
12/16/99 13:30	1017.63	30.05	0.702	86.76	188.17	505.25			
12/16/99 13:45	1017.75	30.05	0.699	87.28	189.11	504.43			
12/16/99 14:00	1018.00	30.06	0.702	87.54	189.56	505.71	505.15		
12/16/99 14:15	1018.13	30.07	0.701	87.54	189.56	505.21			
12/16/99 14:30	1018.38	30.07	0.701	87.28	189.11	505.18			
12/16/99 14:45	1018.50	30.08	0.701	87.28	189.11	504.93			
12/16/99 15:00	1018.50	30.08	0.700	87.81	190.05	505.08	505.07		
12/16/99 15:15	1018.63	30.08	0.702	88.07	190.52	505.92			
12/16/99 15:30	1018.88	30.09	0.698	88.07	190.52	504.27			
12/16/99 15:45	1018.88	30.09	0.698	88.07	190.52	504.48			
12/16/99 16:00	1019.00	30.09	0.701	87.81	190.05	505.17	504.69		
12/16/99 16:15	1019.13	30.09	0.699	87.54	189.58	504.27			
12/16/99 16:30	1019.13	30.09	0.702	87.28	189.11	505.24			
12/16/99 16:45	1019.13	30.09	0.703	86.76	188.17	505.31			
12/16/99 17:00	1019.38	30.10	0.709	87.02	188.64	507.44	506.30		
12/16/99 17:15	1019.63	30.11	0.708	87.28	189.11	507.35			
12/16/99 17:30	1019.75	30.11	0.707	86.24	187.23	506.15			
12/16/99 17:45	1019.75	30.11	0.706	85.45	185.82	505.35			
12/16/99 18:00	1019.88	30.12	0.703	84.93	184.88	503.64	504.86		
12/16/99 18:15	1020.00	30.12	0.708	84.93	184.88	505.38			
12/16/99 18:30	1020.13	30.12	0.703	84.93	184.88	503.56			
12/16/99 18:45	1020.25	30.13	0.701	84.93	184.88	502.85			
12/16/99 19:00	1020.25	30.13	0.698	84.67	184.41	501.77	502.32		
12/16/99 19:15	1020.25	30.13	0.701	84.41	183.93	502.48			
12/16/99 19:30	1020.50	30.14	0.698	83.89	182.99	500.94			
12/16/99 19:45	1020.63	30.14	0.698	83.89	182.99	500.91			
12/16/99 20:00	1020.63	30.14	0.696	83.36	182.05	500.08	500.15		
12/16/99 20:15	1020.63	30.14	0.696	83.36	182.05	499.88			
12/16/99 20:30	1020.63	30.14	0.693	83.36	182.05	498.96			
12/16/99 20:45	1020.88	30.15	0.694	83.10	181.58	498.94			
12/16/99 21:00	1020.88	30.15	0.695	83.10	181.58	499.40	499.41		
12/16/99 21:15	1020.88	30.15	0.693	83.10	181.58	498.72			
12/16/99 21:30	1020.88	30.15	0.700	82.84	181.11	501.01			
12/16/99 21:45	1021.00	30.15	0.713	87.28	189.11	508.58			
12/16/99 22:00	1021.00	30.15	0.714	88.33	190.99	509.74	507.22		
12/16/99 22:15	1021.00	30.15	0.711	86.50	187.70	507.56			
12/16/99 22:30	1020.88	30.15	0.713	87.81	190.05	509.19			
12/16/99 22:45	1020.88	30.15	0.712	87.81	190.05	508.76			
12/16/99 23:00	1021.00	30.15	0.713	86.50	187.70	508.02	508.26		
12/16/99 23:15	1021.13	30.15	0.713	87.28	189.11	508.55			
12/16/99 23:30	1021.00	30.15	0.711	85.71	186.29	506.79			
12/16/99 23:45	1021.00	30.15	0.709	86.24	187.23	506.73			
12/17/99 0:00	1021.00	30.15	0.706	87.02	188.64	505.92	506.55		
12/17/99 0:15	1021.00	30.15	0.709	87.02	188.64	507.03			
12/17/99 0:30	1021.00	30.15	0.705	87.81	190.05	506.26			
12/17/99 0:45	1021.00	30.15	0.706	88.07	190.52	506.66			
12/17/99 1:00	1021.00	30.15	0.704	86.24	187.23	504.69	505.96		
12/17/99 1:15	1021.25	30.16	0.704	87.54	189.56	505.60			
12/17/99 1:30	1021.00	30.15	0.704	88.33	190.99	506.41			
12/17/99 1:45	1020.88	30.15	0.701	87.28	189.11	504.34			
12/17/99 2:00	1020.88	30.15	0.703	88.33	190.99	505.97	505.45		
12/17/99 2:15	1020.88	30.15	0.701	87.28	189.11	504.56			
12/17/99 2:30	1021.00	30.15	0.704	88.07	190.52	505.98			
12/17/99 2:45	1020.88	30.15	0.701	86.76	188.17	504.19			
12/17/99 3:00	1020.50	30.14	0.705	87.54	189.58	506.20	506.83		
12/17/99 3:15	1020.38	30.13	0.711	87.28	189.11	508.05			
12/17/99 3:30	1020.63	30.14	0.715	87.54	189.58	509.75			
12/17/99 3:45	1020.75	30.14	0.710	86.50	187.70	507.19			
12/17/99 4:00	1020.88	30.15	0.714	87.28	189.11	509.29	507.93		
12/17/99 4:15	1020.88	30.15	0.708	86.50	187.70	506.48			
12/17/99 4:30	1021.00	30.15	0.709	86.50	187.70	506.92			
12/17/99 4:45	1021.00	30.15	0.710	87.81	190.05	508.05			
12/17/99 5:00	1021.00	30.15	0.706	87.81	190.05	506.69	506.48		
12/17/99 5:15	1020.63	30.14	0.706	87.81	190.05	506.78			
12/17/99 5:30	1020.25	30.13	0.701	86.24	187.23	503.98			
12/17/99 5:45	1020.13	30.12	0.702	85.19	185.35	503.53			
12/17/99 6:00	1020.13	30.12	0.701	87.02	188.64	504.56	504.11		
12/17/99 6:15	1020.00	30.12	0.699	85.98	188.76	503.21			
12/17/99 6:30	1019.88	30.12	0.703	87.28	189.11	505.27			
12/17/99 6:45	1019.63	30.11	0.698	86.24	187.23	503.02			
12/17/99 7:00	1019.50	30.11	0.699	85.45	185.82	502.72	503.24		
12/17/99 7:15	1019.50	30.11	0.694	84.93	184.88	500.55			
12/17/99 7:30	1019.63	30.11	0.701	87.28	189.11	504.65			
12/17/99 7:45	1019.38	30.10	0.698	87.81	190.05	503.96			
12/17/99 8:00	1019.25	30.10	0.699	88.07	190.52	504.86	504.55		
12/17/99 8:15	1019.25	30.10	0.698	86.24	187.23	503.11			
12/17/99 8:30	1019.25	30.10	0.706	86.76	188.17	506.18			
12/17/99 8:45	1019.00	30.09	0.704	85.71	186.29	504.82			
12/17/99 9:00	1019.25	30.10	0.703	85.45	185.82	504.36	505.05		
12/17/99 9:15	1019.25	30.10	0.705	85.19	185.35	504.86			
12/17/99 9:30	1019.25	30.10	0.705	85.45	185.82	505.04			
12/17/99 9:45	1019.00	30.09	0.706	85.45	185.82	505.32			
12/17/99 10:00	1018.88	30.09	0.705	85.45	185.82	505.13	505.22		
12/17/99 10:15	1018.88	30.09	0.704	85.45	185.82	504.92			
12/17/99 10:30	1019.00	30.09	0.706	85.98	186.76	505.89			
12/17/99 10:45	1018.75	30.08	0.701	86.50	187.70	504.32			
12/17/99 11:00	1018.63	30.08	0.701	86.76	188.17	504.75	504.78		
12/17/99 11:15	1018.38	30.07	0.700	87.02	188.64	504.56			
12/17/99 11:30	1018.13	30.07	0.699	87.28	189.11	504.59			
12/17/99 11:45	1018.13	30.07	0.701	87.54	189.58	505.42			
12/17/99 12:00	1018.00	30.06	0.698	88.33	190.99	504.86	505.19		
12/17/99 12:15	1018.00	30.06	0.699	88.59	191.46	505.28			
12/17/99 12:30	1017.88	30.06	0.699	88.85	191.93	505.75			
12/17/99 12:45	1017.63	30.05	0.698	89.11	192.40	505.31			
12/17/99 13:00	1017.38	30.04	0.700	89.63	193.34	506.64	506.37		
12/17/99 13:15	1017.25	30.04	0.701	90.16	194.28	507.47			
12/17/99 13:30	1017.38	30.04	0.699	90.42	194.75	506.71			
12/17/99 13:45	1017.50	30.05	0.699	91.20	196.16	507.48			
12/17/99 14:00	1017.75	30.05	0.703	91.20	196.16	508.78	508.67		
12/17/99 14:15	1017.63	30.05	0.707	90.94	195.69	509.98			
12/17/99 14:30	1017.75	30.05	0.709	90.68	195.22	510.41			
12/17/99 14:45	1017.88	30.06	0.711	90.66	195.22	511.07			
12/17/99 15:00	1018.00	30.06	0.713	90.42	194.75	511.53	511.11		
12/17/99 15:15	1018.00	30.06	0.712	90.42	194.75	511.32			
12/17/99 15:30	1018.13	30.07	0.711	90.88	195.22	511.22			
12/17/99 15:45	1018.25	30.07	0.710	90.42	194.75	510.57			
12/17/99 16:00	1018.50	30.08	0.714	90.42	194.75	511.84	510.83		
12/17/99 16:15	1018.75	30.08	0.711	90.16	194.28	510.48			
12/17/99 16:30	1018.88	30.09	0.709	90.16	194.28	510.02			
12/17/99 16:45	1019.13	30.09	0.708	90.16	194.28	509.27			
12/17/99 17:00	1019.25	30.10	0.706	89.90	193.81	508.37	508.23		
12/17/99 17:15	1019.38	30.10	0.704	89.37	192.87	507.55			
12/17/99 17:30	1019.63	30.11	0.701	89.11	192.40	505.93			
12/17/99 17:45	1019.75	30.11	0.701	88.59	191.46	505.75			
12/17/99 18:00	1019.88	30.12	0.702	88.07	190.52	505.81	504.92		
12/17/99 18:15	1020.00	30.12	0.698	87.28	189.11	503.66			
12/17/99 18:30	1020.13	30.12	0.699	87.02	188.64	503.66			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/17/99 18:45	1020.38	30.13	0.696	87.28	189.11	502.66			
12/17/99 19:00	1020.63	30.14	0.696	87.28	189.11	502.82	503.18		
12/17/99 19:15	1020.75	30.14	0.699	87.28	189.11	503.94			
12/17/99 19:30	1021.13	30.15	0.698	86.76	188.17	502.80			
12/17/99 19:45	1021.25	30.16	0.696	87.02	188.64	502.27			
12/17/99 20:00	1021.25	30.16	0.696	87.81	190.05	503.03	503.34		
12/17/99 20:15	1021.50	30.18	0.700	86.76	188.17	503.61			
12/17/99 20:30	1021.75	30.17	0.706	85.98	188.76	505.00			
12/17/99 20:45	1022.00	30.18	0.704	85.45	185.82	503.90			
12/17/99 21:00	1022.25	30.19	0.704	85.45	185.82	504.08	505.26		
12/17/99 21:15	1022.38	30.19	0.708	85.45	185.82	505.16			
12/17/99 21:30	1022.63	30.20	0.712	87.54	189.58	508.14			
12/17/99 21:45	1022.63	30.20	0.707	88.24	187.23	505.44			
12/17/99 22:00	1022.75	30.20	0.708	85.98	186.78	505.85	505.52		
12/17/99 22:15	1022.88	30.21	0.706	85.71	186.29	504.54			
12/17/99 22:30	1023.00	30.21	0.704	85.71	188.29	503.83			
12/17/99 22:45	1023.25	30.22	0.700	85.71	188.29	502.45			
12/17/99 23:00	1023.38	30.22	0.701	85.71	188.29	502.63	502.69		
12/17/99 23:15	1023.50	30.22	0.700	85.71	188.29	502.38			
12/17/99 23:30	1023.63	30.23	0.699	85.71	188.29	502.14			
12/17/99 23:45	1023.75	30.23	0.700	85.71	188.29	502.32			
12/18/99 0:00	1023.88	30.23	0.698	85.71	186.29	501.61	501.48		
12/18/99 0:15	1023.88	30.23	0.697	85.45	185.82	501.00			
12/18/99 0:30	1023.88	30.23	0.695	85.45	185.82	500.31			
12/18/99 0:45	1023.88	30.23	0.697	85.45	185.82	501.00			
12/18/99 1:00	1023.88	30.23	0.697	85.45	185.82	501.00	501.87		
12/18/99 1:15	1023.88	30.23	0.701	88.07	190.52	504.37			
12/18/99 1:30	1023.75	30.23	0.699	88.50	187.70	502.66			
12/18/99 1:45	1023.88	30.23	0.699	85.71	186.29	501.83			
12/18/99 2:00	1024.00	30.24	0.701	84.93	184.88	502.14	503.77		
12/18/99 2:15	1024.25	30.25	0.710	87.02	188.64	506.69			
12/18/99 2:30	1024.38	30.25	0.709	85.71	186.29	505.53			
12/18/99 2:45	1024.38	30.25	0.704	84.67	184.41	503.01			
12/18/99 3:00	1024.38	30.25	0.709	88.76	188.17	506.02	504.69		
12/18/99 3:15	1024.38	30.25	0.708	85.98	188.76	505.25			
12/18/99 3:30	1024.38	30.25	0.706	84.93	184.88	503.82			
12/18/99 3:45	1024.38	30.25	0.703	84.67	184.41	502.55			
12/18/99 4:00	1024.38	30.25	0.704	84.41	183.93	502.58	503.11		
12/18/99 4:15	1024.38	30.25	0.701	84.67	184.41	501.87			
12/18/99 4:30	1024.38	30.25	0.704	87.81	190.05	504.96			
12/18/99 4:45	1024.50	30.25	0.704	88.85	191.93	505.66			
12/18/99 5:00	1024.50	30.25	0.703	87.28	189.11	504.13	503.66		
12/18/99 5:15	1024.50	30.25	0.701	85.98	188.76	502.54			
12/18/99 5:30	1024.75	30.26	0.698	85.45	185.82	501.00			
12/18/99 5:45	1024.75	30.26	0.698	85.45	185.82	501.00			
12/18/99 6:00	1024.75	30.26	0.701	85.45	185.82	502.11	501.60		
12/18/99 6:15	1025.00	30.27	0.699	85.45	185.82	501.37			
12/18/99 6:30	1025.13	30.27	0.700	86.50	187.70	502.53			
12/18/99 6:45	1025.13	30.27	0.701	88.59	191.48	504.21			
12/18/99 7:00	1025.25	30.28	0.698	88.59	191.46	503.28	502.73		
12/18/99 7:15	1025.13	30.27	0.700	87.28	189.11	503.08			
12/18/99 7:30	1025.13	30.27	0.695	88.24	187.23	500.55			
12/18/99 7:45	1025.13	30.27	0.696	85.98	186.76	500.59			
12/18/99 8:00	1025.13	30.27	0.701	85.45	185.82	502.02	502.87		
12/18/99 8:15	1025.38	30.28	0.704	85.71	186.29	503.25			
12/18/99 8:30	1025.63	30.29	0.712	88.33	190.99	507.95			
12/18/99 8:45	1025.75	30.29	0.709	87.81	190.05	506.41			
12/18/99 9:00	1025.75	30.29	0.705	85.98	186.76	503.80	505.15		
12/18/99 9:15	1025.63	30.29	0.706	85.45	185.82	503.88			
12/18/99 9:30	1025.63	30.29	0.706	85.45	185.82	503.90			
12/18/99 9:45	1025.63	30.29	0.708	85.45	185.82	504.36			
12/18/99 10:00	1025.88	30.29	0.703	85.45	185.82	502.73	503.45		
12/18/99 10:15	1026.00	30.30	0.707	85.45	185.82	504.05			
12/18/99 10:30	1025.88	30.29	0.701	85.71	186.29	502.23			
12/18/99 10:45	1025.66	30.29	0.703	85.98	186.76	502.88			
12/18/99 11:00	1025.75	30.29	0.699	86.50	187.70	502.16	502.46		
12/18/99 11:15	1025.83	30.29	0.703	86.76	188.17	503.49			
12/18/99 11:30	1025.38	30.28	0.697	86.76	188.17	501.54			
12/18/99 11:45	1025.38	30.28	0.695	87.02	188.64	501.04			
12/18/99 12:00	1025.25	30.28	0.699	87.02	188.64	502.40	501.99		
12/18/99 12:15	1025.00	30.27	0.699	87.28	189.11	502.64			
12/18/99 12:30	1024.63	30.26	0.698	87.28	189.11	502.30			
12/18/99 12:45	1024.38	30.25	0.698	87.54	189.58	502.55			
12/18/99 13:00	1024.25	30.25	0.696	88.07	190.52	502.26	502.59		
12/18/99 13:15	1024.00	30.24	0.697	88.07	190.52	502.79			
12/18/99 13:30	1023.75	30.23	0.698	88.07	190.52	503.06			
12/18/99 13:45	1023.75	30.23	0.693	88.07	190.52	501.48			
12/18/99 14:00	1023.75	30.23	0.693	88.07	190.52	501.26	502.70		
12/18/99 14:15	1023.63	30.23	0.698	88.07	190.52	503.09			
12/18/99 14:30	1023.50	30.22	0.703	87.28	189.11	504.59			
12/18/99 14:45	1023.38	30.22	0.704	87.02	188.64	504.91			
12/18/99 15:00	1023.38	30.22	0.705	86.76	188.17	504.94	504.78		
12/18/99 15:15	1023.38	30.22	0.704	86.76	188.17	504.47			
12/18/99 15:30	1023.25	30.22	0.705	86.76	188.17	504.97			
12/18/99 15:45	1023.50	30.22	0.704	86.76	188.17	504.44			
12/18/99 16:00	1023.63	30.23	0.706	86.76	188.17	505.09	504.60		
12/18/99 16:15	1023.75	30.23	0.704	86.76	188.17	504.38			
12/18/99 16:30	1023.88	30.23	0.703	86.76	188.17	504.14			
12/18/99 16:45	1023.88	30.23	0.701	86.76	188.17	503.24			
12/18/99 17:00	1023.88	30.23	0.701	86.76	188.17	503.24	502.88		
12/18/99 17:15	1023.75	30.23	0.696	86.76	188.17	501.69			
12/18/99 17:30	1023.88	30.23	0.698	86.76	188.17	502.12			
12/18/99 17:45	1023.88	30.23	0.698	86.76	188.17	502.34			
12/18/99 18:00	1023.75	30.23	0.696	86.76	188.17	502.37	501.90		
12/18/99 18:15	1023.88	30.23	0.694	86.76	188.17	501.01			
12/18/99 18:30	1023.88	30.23	0.696	86.76	188.17	501.66			
12/18/99 18:45	1024.00	30.24	0.694	86.76	188.17	500.98			
12/18/99 19:00	1024.00	30.24	0.695	87.54	189.58	501.74	502.19		
12/18/99 19:15	1024.00	30.24	0.696	89.11	192.40	503.26			
12/18/99 19:30	1024.00	30.24	0.697	88.85	191.93	503.33			
12/18/99 19:45	1024.13	30.24	0.697	87.54	189.58	502.39			
12/18/99 20:00	1024.13	30.24	0.694	88.33	190.99	501.78	501.65		
12/18/99 20:15	1024.00	30.24	0.694	87.28	189.11	501.09			
12/18/99 20:30	1023.88	30.23	0.691	86.76	188.17	499.83			
12/18/99 20:45	1023.75	30.23	0.695	85.98	186.76	500.71			
12/18/99 21:00	1023.50	30.22	0.696	85.45	185.82	500.62	500.66		
12/18/99 21:15	1023.50	30.22	0.698	84.93	184.88	500.94			
12/18/99 21:30	1023.38	30.22	0.699	84.93	184.88	501.40			
12/18/99 21:45	1023.50	30.22	0.701	84.67	184.41	501.87			
12/18/99 22:00	1023.50	30.22	0.699	84.67	184.41	501.44	501.48		
12/18/99 22:15	1023.38	30.22	0.700	84.67	184.41	501.68			
12/18/99 22:30	1023.25	30.22	0.698	84.87	184.41	501.03			
12/18/99 22:45	1023.50	30.22	0.701	84.67	184.41	502.08			
12/18/99 23:00	1023.50	30.22	0.697	84.67	184.41	500.54	500.64		
12/18/99 23:15	1023.63	30.23	0.695	84.93	184.88	500.01			
12/18/99 23:30	1023.63	30.23	0.694	84.93	184.88	499.54			
12/18/99 23:45	1023.63	30.23	0.694	85.19	185.35	499.72			
12/19/99 0:00	1023.38	30.22	0.693	84.93	184.88	499.39	499.35		
12/19/99 0:15	1023.25	30.22	0.693	85.19	185.35	499.38			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/19/99 0:30	1023.13	30.21	0.691	85.19	185.35	498.73			
12/19/99 0:45	1022.75	30.20	0.688	84.93	184.88	497.73			
12/19/99 1:00	1022.75	30.20	0.686	84.93	184.88	496.63	497.90		
12/19/99 1:15	1022.63	30.20	0.689	84.93	184.88	498.23			
12/19/99 1:30	1022.63	30.20	0.689	84.93	184.88	497.98			
12/19/99 1:45	1022.50	30.19	0.688	84.93	184.88	497.58			
12/19/99 2:00	1022.50	30.19	0.691	87.28	189.11	500.33	499.00		
12/19/99 2:15	1022.25	30.19	0.692	87.81	190.05	501.23			
12/19/99 2:30	1022.25	30.19	0.686	85.98	186.76	497.89			
12/19/99 2:45	1022.25	30.19	0.686	85.19	185.35	497.35			
12/19/99 3:00	1022.13	30.18	0.691	84.41	183.93	498.43	498.60		
12/19/99 3:15	1022.13	30.18	0.694	83.89	182.99	499.43			
12/19/99 3:30	1022.00	30.18	0.696	83.62	182.52	499.92			
12/19/99 3:45	1021.88	30.18	0.697	83.62	182.52	500.21			
12/19/99 4:00	1021.75	30.17	0.694	83.62	182.52	499.34	499.69		
12/19/99 4:15	1021.75	30.17	0.695	83.38	182.05	499.37			
12/19/99 4:30	1021.75	30.17	0.696	83.38	182.05	499.59			
12/19/99 4:45	1021.75	30.17	0.694	83.62	182.52	499.34			
12/19/99 5:00	1021.63	30.17	0.694	83.10	181.58	498.75	498.78		
12/19/99 5:15	1021.50	30.16	0.691	83.38	182.05	497.85			
12/19/99 5:30	1021.50	30.16	0.691	83.62	182.52	498.25			
12/19/99 5:45	1021.25	30.16	0.688	83.89	182.99	497.18			
12/19/99 6:00	1021.25	30.16	0.686	83.62	182.52	496.29	497.02		
12/19/99 6:15	1021.25	30.16	0.686	83.62	182.52	496.29			
12/19/99 6:30	1021.38	30.16	0.688	83.89	182.99	497.12			
12/19/99 6:45	1021.38	30.16	0.685	83.89	182.99	496.22			
12/19/99 7:00	1021.38	30.16	0.686	83.89	182.99	496.44	497.53		
12/19/99 7:15	1021.38	30.16	0.683	83.62	182.52	495.13			
12/19/99 7:30	1021.50	30.16	0.693	89.11	192.40	502.75			
12/19/99 7:45	1021.38	30.16	0.694	88.85	191.93	502.82			
12/19/99 8:00	1021.38	30.16	0.688	87.81	190.05	500.06	501.03		
12/19/99 8:15	1021.25	30.16	0.686	89.11	192.40	500.30			
12/19/99 8:30	1021.25	30.16	0.688	87.54	189.58	499.22			
12/19/99 8:45	1021.50	30.16	0.688	89.11	192.40	500.94			
12/19/99 9:00	1021.25	30.16	0.687	89.11	192.40	500.56	500.93		
12/19/99 9:15	1021.38	30.16	0.689	88.65	191.93	501.26			
12/19/99 9:30	1021.13	30.15	0.696	87.54	189.58	502.86			
12/19/99 9:45	1021.00	30.15	0.697	86.76	188.17	502.61			
12/19/99 10:00	1021.00	30.15	0.698	87.02	188.64	503.01	503.31		
12/19/99 10:15	1020.88	30.15	0.699	88.07	190.52	504.46			
12/19/99 10:30	1020.88	30.15	0.698	87.81	190.05	503.81			
12/19/99 10:45	1020.75	30.14	0.696	88.07	190.52	503.33			
12/19/99 11:00	1020.63	30.14	0.699	88.59	191.46	504.88	504.34		
12/19/99 11:15	1020.25	30.13	0.698	88.85	191.93	504.89			
12/19/99 11:30	1019.88	30.12	0.698	89.11	192.40	504.96			
12/19/99 11:45	1019.63	30.11	0.701	89.37	192.87	506.33			
12/19/99 12:00	1019.38	30.10	0.696	90.16	194.28	504.91	504.95		
12/19/99 12:15	1019.00	30.09	0.694	90.42	194.75	504.49			
12/19/99 12:30	1018.88	30.09	0.692	90.68	195.22	504.05			
12/19/99 12:45	1018.63	30.08	0.695	90.94	195.69	505.42			
12/19/99 13:00	1018.50	30.08	0.693	91.20	196.16	504.72	504.44		
12/19/99 13:15	1018.13	30.07	0.691	91.20	196.16	504.12			
12/19/99 13:30	1018.13	30.07	0.690	91.20	196.16	503.90			
12/19/99 13:45	1018.00	30.06	0.690	91.46	196.63	504.12			
12/19/99 14:00	1017.88	30.06	0.691	91.46	196.63	504.37	504.15		
12/19/99 14:15	1017.50	30.05	0.689	91.72	197.10	503.94			
12/19/99 14:30	1017.50	30.05	0.690	91.72	197.10	504.42			
12/19/99 14:45	1017.25	30.04	0.689	91.72	197.10	504.01			
12/19/99 15:00	1017.38	30.04	0.688	91.72	197.10	503.06	503.73		
12/19/99 15:15	1017.63	30.05	0.686	91.72	197.10	503.00			
12/19/99 15:30	1017.75	30.05	0.689	91.72	197.10	504.14			
12/19/99 15:45	1017.63	30.05	0.685	91.72	197.10	502.56			
12/19/99 16:00	1017.75	30.05	0.688	91.72	197.10	503.44	503.60		
12/19/99 16:15	1017.75	30.05	0.688	91.72	197.10	503.44			
12/19/99 16:30	1017.75	30.05	0.691	91.20	196.18	504.44			
12/19/99 16:45	1017.63	30.05	0.696	90.42	194.75	505.74			
12/19/99 17:00	1017.88	30.06	0.697	90.42	194.75	505.94	505.41		
12/19/99 17:15	1017.75	30.05	0.698	89.90	193.81	505.82			
12/19/99 17:30	1017.75	30.05	0.696	89.90	193.81	505.13			
12/19/99 17:45	1017.75	30.05	0.696	89.90	193.81	505.35			
12/19/99 18:00	1017.75	30.05	0.694	89.90	193.81	504.69	504.97		
12/19/99 18:15	1017.50	30.05	0.696	89.63	193.34	505.01			
12/19/99 18:30	1017.38	30.04	0.695	89.37	192.87	504.64			
12/19/99 18:45	1017.25	30.04	0.694	89.63	193.34	504.64			
12/19/99 19:00	1017.38	30.04	0.693	89.90	193.81	504.32	504.07		
12/19/99 19:15	1017.50	30.05	0.689	90.16	194.28	503.12			
12/19/99 19:30	1017.25	30.04	0.691	90.16	194.28	503.62			
12/19/99 19:45	1017.25	30.04	0.689	89.90	193.81	502.74			
12/19/99 20:00	1017.13	30.04	0.688	89.90	193.81	502.34	502.60		
12/19/99 20:15	1017.00	30.03	0.686	89.90	193.81	501.67			
12/19/99 20:30	1016.88	30.03	0.688	89.90	193.81	502.62			
12/19/99 20:45	1016.75	30.02	0.686	89.90	193.81	501.73			
12/19/99 21:00	1016.75	30.02	0.684	89.90	193.81	501.04	501.77		
12/19/99 21:15	1016.75	30.02	0.686	89.90	193.81	501.95			
12/19/99 21:30	1016.75	30.02	0.685	89.90	193.81	501.51			
12/19/99 21:45	1016.75	30.02	0.683	89.90	193.81	500.60			
12/19/99 22:00	1016.63	30.02	0.683	89.90	193.81	500.83	501.06		
12/19/99 22:15	1016.38	30.01	0.684	89.90	193.81	501.39			
12/19/99 22:30	1016.25	30.01	0.684	89.90	193.81	501.16			
12/19/99 22:45	1016.13	30.01	0.682	90.16	194.28	500.71			
12/19/99 23:00	1016.25	30.01	0.683	90.16	194.28	500.90	501.13		
12/19/99 23:15	1016.38	30.01	0.683	90.16	194.28	500.87			
12/19/99 23:30	1016.38	30.01	0.686	90.16	194.28	502.01			
12/19/99 23:45	1016.50	30.02	0.692	89.37	192.87	503.73			
12/20/99 0:00	1016.25	30.01	0.692	89.11	192.40	503.61	503.25		
12/20/99 0:15	1016.00	30.00	0.693	89.11	192.40	503.89			
12/20/99 0:30	1015.88	30.00	0.690	89.11	192.40	503.01			
12/20/99 0:45	1015.75	30.00	0.692	89.11	192.40	503.74			
12/20/99 1:00	1015.63	29.99	0.693	89.11	192.40	504.20	503.72		
12/20/99 1:15	1015.38	29.98	0.693	89.11	192.40	504.05			
12/20/99 1:30	1015.38	29.98	0.691	89.11	192.40	503.57			
12/20/99 1:45	1015.38	29.98	0.691	89.11	192.40	503.57			
12/20/99 2:00	1015.38	29.98	0.692	89.11	192.40	503.83	503.24		
12/20/99 2:15	1015.50	29.99	0.688	89.11	192.40	502.41			
12/20/99 2:30	1015.50	29.99	0.689	89.37	192.87	502.81			
12/20/99 2:45	1015.50	29.99	0.687	89.37	192.87	502.16			
12/20/99 3:00	1015.38	29.98	0.687	89.37	192.87	502.19	502.32		
12/20/99 3:15	1015.25	29.98	0.687	89.90	193.81	502.58			
12/20/99 3:30	1015.25	29.98	0.685	89.90	193.81	501.88			
12/20/99 3:45	1015.13	29.98	0.686	89.90	193.81	502.13			
12/20/99 4:00	1014.88	29.97	0.681	89.90	193.81	500.58	501.55		
12/20/99 4:15	1014.63	29.96	0.685	89.90	193.81	502.04			
12/20/99 4:30	1014.50	29.96	0.682	90.16	194.28	501.11			
12/20/99 4:45	1014.38	29.95	0.686	90.42	194.75	502.88			
12/20/99 5:00	1014.25	29.95	0.681	90.42	194.75	500.88	501.29		
12/20/99 5:15	1014.00	29.94	0.679	90.68	195.22	500.66			
12/20/99 5:30	1014.13	29.95	0.681	90.68	195.22	501.09			
12/20/99 5:45	1014.13	29.95	0.679	91.20	196.16	501.00			
12/20/99 6:00	1014.13	29.95	0.679	91.20	196.16	501.00	501.31		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/20/99 6:15	1014.13	29.95	0.681	91.46	196.63	501.63			
12/20/99 6:30	1014.00	29.94	0.681	91.72	197.10	501.84			
12/20/99 6:45	1014.00	29.94	0.681	91.72	197.10	502.06			
12/20/99 7:00	1014.00	29.94	0.679	91.99	197.57	501.57	502.78		
12/20/99 7:15	1014.00	29.94	0.684	91.99	197.57	503.16			
12/20/99 7:30	1014.13	29.95	0.690	91.72	197.10	505.26			
12/20/99 7:45	1014.38	29.95	0.691	91.46	196.63	505.45			
12/20/99 8:00	1014.50	29.96	0.692	91.46	196.63	505.86	506.08		
12/20/99 8:15	1014.75	29.97	0.698	91.72	197.10	507.64			
12/20/99 8:30	1015.00	29.97	0.693	91.72	197.10	506.17			
12/20/99 8:45	1015.13	29.98	0.694	91.46	196.63	506.44			
12/20/99 9:00	1015.25	29.98	0.696	91.46	196.63	506.84	506.55		
12/20/99 9:15	1015.63	29.99	0.696	91.46	196.63	506.75			
12/20/99 9:30	1015.75	30.00	0.696	91.20	196.16	506.54			
12/20/99 9:45	1015.75	30.00	0.695	91.20	196.16	506.32			
12/20/99 10:00	1015.88	30.00	0.695	91.20	196.16	506.29	508.10		
12/20/99 10:15	1016.00	30.00	0.733	88.59	191.46	517.87			
12/20/99 10:30	1016.13	30.01	0.686	92.25	198.04	503.51			
12/20/99 10:45	1016.25	30.01	0.686	93.03	199.46	504.24			
12/20/99 11:00	1016.13	30.01	0.686	93.29	199.93	504.45	504.61		
12/20/99 11:15	1016.38	30.01	0.689	93.81	200.87	505.67			
12/20/99 11:30	1016.63	30.02	0.686	93.81	200.87	505.16			
12/20/99 11:45	1016.88	30.03	0.686	93.55	200.40	504.22			
12/20/99 12:00	1016.88	30.03	0.684	93.03	199.46	503.42	503.60		
12/20/99 12:15	1017.13	30.04	0.683	92.77	198.99	502.70			
12/20/99 12:30	1017.50	30.05	0.684	92.25	198.04	502.47			
12/20/99 12:45	1017.75	30.05	0.681	91.72	197.10	500.91			
12/20/99 13:00	1017.88	30.06	0.682	91.46	196.63	501.18	501.26		
12/20/99 13:15	1017.88	30.06	0.683	91.20	196.16	501.44			
12/20/99 13:30	1017.88	30.06	0.681	90.88	195.22	500.38			
12/20/99 13:45	1017.88	30.06	0.681	90.16	194.28	499.60			
12/20/99 14:00	1018.00	30.06	0.683	89.63	193.34	500.11	500.70		
12/20/99 14:15	1018.25	30.07	0.687	88.85	191.93	501.12			
12/20/99 14:30	1018.25	30.07	0.690	88.59	191.46	502.06			
12/20/99 14:45	1018.38	30.07	0.689	88.33	190.99	501.38			
12/20/99 15:00	1018.75	30.08	0.689	88.33	190.99	501.29	501.97		
12/20/99 15:15	1019.13	30.09	0.692	88.33	190.99	502.36			
12/20/99 15:30	1019.25	30.10	0.693	88.33	190.99	502.76			
12/20/99 15:45	1019.63	30.11	0.692	88.07	190.52	502.05			
12/20/99 16:00	1020.00	30.12	0.693	88.07	190.52	502.18	501.72		
12/20/99 16:15	1020.13	30.12	0.691	87.81	190.05	501.28			
12/20/99 16:30	1020.38	30.13	0.689	87.54	189.58	500.34			
12/20/99 16:45	1020.75	30.14	0.689	88.85	191.93	501.16			
12/20/99 17:00	1021.13	30.15	0.687	88.33	190.99	500.05	500.06		
12/20/99 17:15	1021.25	30.16	0.686	88.59	191.46	500.42			
12/20/99 17:30	1021.38	30.18	0.684	87.28	189.11	498.36			
12/20/99 17:45	1021.88	30.18	0.688	87.81	190.05	499.72			
12/20/99 18:00	1022.13	30.18	0.687	88.59	191.46	499.96	500.04		
12/20/99 18:15	1022.50	30.19	0.689	89.63	193.34	501.27			
12/20/99 18:30	1022.75	30.20	0.689	89.11	192.40	500.85			
12/20/99 18:45	1022.75	30.20	0.689	89.11	192.40	500.85			
12/20/99 19:00	1023.00	30.21	0.688	88.59	191.46	499.99	499.49		
12/20/99 19:15	1023.25	30.22	0.686	87.81	190.05	498.70			
12/20/99 19:30	1023.25	30.22	0.683	86.76	188.17	497.06			
12/20/99 19:45	1023.38	30.22	0.688	87.54	189.58	499.39			
12/20/99 20:00	1023.38	30.22	0.695	89.11	192.40	502.98	500.66		
12/20/99 20:15	1023.25	30.22	0.696	86.76	188.17	501.81			
12/20/99 20:30	1023.50	30.22	0.696	87.54	189.58	502.06			
12/20/99 20:45	1023.63	30.23	0.698	88.33	190.99	503.28			
12/20/99 21:00	1023.83	30.23	0.695	86.07	190.52	502.19	501.73		
12/20/99 21:15	1023.75	30.23	0.691	85.71	186.29	498.94			
12/20/99 21:30	1024.00	30.24	0.696	87.54	189.58	502.17			
12/20/99 21:45	1024.00	30.24	0.701	89.11	192.40	504.85			
12/20/99 22:00	1024.13	30.24	0.698	88.33	190.99	503.15	502.89		
12/20/99 22:15	1024.25	30.25	0.696	89.11	192.40	502.98			
12/20/99 22:30	1024.25	30.25	0.693	88.33	190.99	501.32			
12/20/99 22:45	1024.25	30.25	0.693	87.54	189.58	500.77			
12/20/99 23:00	1024.25	30.25	0.693	87.81	190.05	501.17	500.58		
12/20/99 23:15	1024.38	30.25	0.693	88.33	190.99	501.50			
12/20/99 23:30	1024.50	30.25	0.687	86.76	188.17	498.14			
12/20/99 23:45	1024.63	30.26	0.694	89.63	193.34	502.82			
12/21/99 0:00	1024.50	30.25	0.692	88.85	191.93	501.40	500.42		
12/21/99 0:15	1024.63	30.26	0.690	88.85	191.93	500.68			
12/21/99 0:30	1024.63	30.26	0.688	87.81	190.05	499.05			
12/21/99 0:45	1024.88	30.26	0.688	88.33	190.99	499.57			
12/21/99 1:00	1025.00	30.27	0.688	88.85	191.93	499.90	499.75		
12/21/99 1:15	1024.88	30.26	0.690	88.59	191.46	500.44			
12/21/99 1:30	1024.88	30.26	0.689	88.33	190.99	499.79			
12/21/99 1:45	1025.13	30.27	0.693	88.33	190.99	501.32			
12/21/99 2:00	1025.25	30.28	0.691	84.93	184.86	498.03	499.04		
12/21/99 2:15	1025.25	30.28	0.693	83.62	182.52	498.02			
12/21/99 2:30	1025.25	30.28	0.694	83.36	182.05	498.05			
12/21/99 2:45	1025.38	30.28	0.691	82.84	181.11	496.54			
12/21/99 3:00	1025.13	30.27	0.691	82.84	181.11	496.82	497.08		
12/21/99 3:15	1025.00	30.27	0.693	82.58	180.64	497.13			
12/21/99 3:30	1025.38	30.28	0.693	82.32	180.17	496.66			
12/21/99 3:45	1025.25	30.28	0.694	82.32	180.17	497.32			
12/21/99 4:00	1025.25	30.28	0.689	82.06	179.70	495.60	496.30		
12/21/99 4:15	1025.38	30.28	0.692	82.32	180.17	496.65			
12/21/99 4:30	1025.38	30.28	0.688	82.32	180.17	495.06			
12/21/99 4:45	1025.38	30.28	0.684	82.84	181.11	494.31			
12/21/99 5:00	1025.25	30.28	0.684	82.58	180.64	494.18	494.18		
12/21/99 5:15	1025.25	30.28	0.685	82.58	180.64	494.37			
12/21/99 5:30	1025.25	30.28	0.681	82.58	180.64	493.00			
12/21/99 5:45	1025.25	30.28	0.683	82.32	180.17	493.51			
12/21/99 6:00	1025.38	30.28	0.681	82.84	181.11	493.15	493.00		
12/21/99 6:15	1025.63	30.29	0.681	82.58	180.64	492.91			
12/21/99 6:30	1025.88	30.29	0.680	82.58	180.64	492.42			
12/21/99 6:45	1026.13	30.30	0.683	82.58	180.64	493.48			
12/21/99 7:00	1026.00	30.30	0.681	82.58	180.64	492.62	507.18		
12/21/99 7:15	1026.25	30.31	0.707	80.75	177.35	500.68			
12/21/99 7:30	1026.25	30.31	0.906	67.18	152.89	556.48			
12/21/99 7:45	1026.25	30.31	0.909	66.12	151.01	555.61			
12/21/99 8:00	1026.63	30.32	0.909	65.07	149.13	555.07	554.86		
12/21/99 8:15	1026.88	30.32	0.908	64.29	147.72	553.78			
12/21/99 8:30	1027.25	30.33	0.907	64.03	147.25	553.28			
12/21/99 8:45	1027.13	30.33	0.911	63.24	145.84	553.96			
12/21/99 9:00	1027.25	30.33	0.914	63.24	145.84	554.70	554.10		
12/21/99 9:15	1027.13	30.33	0.913	62.98	145.37	554.16			
12/21/99 9:30	1027.13	30.33	0.913	63.24	145.84	554.37			
12/21/99 9:45	1027.38	30.34	0.913	63.24	145.84	554.49			
12/21/99 10:00	1027.50	30.34	0.888	64.81	148.66	541.88	538.08		
12/21/99 10:15	1027.50	30.34	0.778	72.39	162.30	518.53			
12/21/99 10:30	1027.63	30.35	0.783	73.70	164.65	521.15			
12/21/99 10:45	1027.63	30.35	0.786	78.31	169.35	517.43			
12/21/99 11:00	748.75	22.11	0.226	64.81	148.66	323.60	272.44		
12/21/99 11:15	826.00	18.49	0.000	48.61	119.50	0.00			
12/21/99 11:30	826.00	18.49	0.000	36.59	97.86	0.00			
12/21/99 11:45	826.00	18.49	0.000	27.97	82.34	0.00			

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Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/21/99 12:00	826.00	18.49	0.000	21.44	70.58	0.00	0.00		
12/21/99 12:15	826.00	18.49	0.000	16.47	61.65	0.00			
12/21/99 12:30	826.00	18.49	0.000	13.07	55.53	0.00			
12/21/99 12:45	826.00	18.49	0.000	10.72	51.30	0.00			
12/21/99 13:00	826.00	18.49	0.000	8.89	48.01	0.00	0.00		
12/21/99 13:15	826.00	18.49	0.000	7.33	45.19	0.00			
12/21/99 13:30	826.00	18.49	0.000	6.02	42.84	0.00			
12/21/99 13:45	826.00	18.49	0.000	5.24	41.42	0.00			
12/21/99 14:00	826.00	18.49	0.000	4.71	40.48	0.00	0.00		
12/21/99 14:15	826.00	18.49	0.000	4.19	39.54	0.00			
12/21/99 14:30	826.00	18.49	0.000	3.87	38.60	0.00			
12/21/99 14:45	826.00	18.49	0.000	2.88	37.19	0.00			
12/21/99 15:00	826.00	18.49	0.000	2.10	35.78	0.00	0.00		
12/21/99 15:15	826.00	18.49	0.000	2.10	35.78	0.00			
12/21/99 15:30	826.00	18.49	0.000	2.10	35.78	0.00			
12/21/99 15:45	826.00	18.49	0.000	1.58	34.84	0.00			
12/21/99 16:00	881.50	20.12	0.000	1.32	34.37	0.00	0.00		
12/21/99 16:15	1025.25	30.28	0.000	1.58	34.84	0.00			
12/21/99 16:30	1025.25	30.28	0.000	2.36	36.25	0.00			
12/21/99 16:45	1025.13	30.27	0.000	3.87	38.60	0.00			
12/21/99 17:00	1025.13	30.27	0.000	4.19	39.54	0.00	0.00		
12/21/99 17:15	1025.00	30.27	0.000	5.50	41.89	0.00			
12/21/99 17:30	1025.13	30.27	0.000	6.28	43.31	0.00			
12/21/99 17:45	1025.13	30.27	0.000	6.80	44.25	0.00			
12/21/99 18:00	1025.00	30.27	0.000	7.33	45.19	0.00	0.00		
12/21/99 18:15	1025.25	30.28	0.000	8.11	46.60	0.00			
12/21/99 18:30	1025.50	30.28	0.000	8.37	47.07	0.00			
12/21/99 18:45	1025.75	30.29	0.000	8.89	48.01	0.00			
12/21/99 19:00	1025.88	30.29	0.000	9.18	48.48	0.00	0.00		
12/21/99 19:15	1026.13	30.30	0.000	9.68	49.42	0.00			
12/21/99 19:30	1026.13	30.30	0.000	9.68	49.42	0.00			
12/21/99 19:45	1026.13	30.30	0.000	9.94	49.89	0.00			
12/21/99 20:00	1026.50	30.31	0.000	10.20	50.36	0.00	0.00		
12/21/99 20:15	1026.63	30.32	0.000	10.20	50.36	0.00			
12/21/99 20:30	1026.63	30.32	0.000	10.20	50.36	0.00			
12/21/99 20:45	1026.88	30.32	0.000	10.46	50.83	0.00			
12/21/99 21:00	1027.00	30.33	0.000	10.72	51.30	0.00	0.00		
12/21/99 21:15	1027.13	30.33	0.000	10.72	51.30	0.00			
12/21/99 21:30	1027.25	30.33	0.000	10.72	51.30	0.00			
12/21/99 21:45	1027.25	30.33	0.000	10.72	51.30	0.00			
12/21/99 22:00	1027.25	30.33	0.000	10.98	51.77	0.00	0.00		
12/21/99 22:15	1027.25	30.33	0.000	10.72	51.30	0.00			
12/21/99 22:30	1027.50	30.34	0.000	10.72	51.30	0.00			
12/21/99 22:45	1027.50	30.34	0.000	10.72	51.30	0.00			
12/21/99 23:00	1027.50	30.34	0.000	10.46	50.83	0.00	0.00		
12/21/99 23:15	1027.63	30.35	0.000	10.20	50.36	0.00			
12/21/99 23:30	1027.75	30.35	0.000	10.20	50.36	0.00			
12/21/99 23:45	1027.75	30.35	0.000	10.20	50.36	0.00			
12/22/99 0:00	1027.63	30.35	0.000	9.94	49.89	0.00	0.00		
12/22/99 0:15	1027.63	30.35	0.000	9.94	49.89	0.00			
12/22/99 0:30	1027.63	30.35	0.000	9.68	49.42	0.00			
12/22/99 0:45	1027.63	30.35	0.000	9.68	49.42	0.00			
12/22/99 1:00	1027.63	30.35	0.000	9.68	49.42	0.00	0.00		
12/22/99 1:15	1027.75	30.35	0.000	9.68	49.42	0.00			
12/22/99 1:30	1027.75	30.35	0.000	9.68	49.42	0.00			
12/22/99 1:45	1027.75	30.35	0.000	9.68	49.42	0.00			
12/22/99 2:00	1027.75	30.35	0.000	9.42	48.95	0.00	0.00		
12/22/99 2:15	1028.00	30.36	0.000	9.42	48.95	0.00			
12/22/99 2:30	1028.25	30.36	0.000	9.16	48.48	0.00			
12/22/99 2:45	1028.25	30.36	0.000	8.89	48.01	0.00			
12/22/99 3:00	1028.25	30.36	0.000	8.89	48.01	0.00	0.00		
12/22/99 3:15	1028.38	30.37	0.000	8.89	48.01	0.00			
12/22/99 3:30	1028.38	30.37	0.000	8.89	48.01	0.00			
12/22/99 3:45	1028.25	30.36	0.000	8.63	47.54	0.00			
12/22/99 4:00	1028.25	30.36	0.000	8.63	47.54	0.00	0.00		
12/22/99 4:15	1028.50	30.37	0.000	8.37	47.07	0.00			
12/22/99 4:30	1028.50	30.37	0.000	8.37	47.07	0.00			
12/22/99 4:45	1028.50	30.37	0.000	8.37	47.07	0.00			
12/22/99 5:00	1028.50	30.37	0.000	8.11	46.60	0.00	0.00		
12/22/99 5:15	1028.63	30.38	0.000	8.11	46.60	0.00			
12/22/99 5:30	1028.75	30.38	0.000	7.85	46.13	0.00			
12/22/99 5:45	1028.75	30.38	0.000	7.59	45.66	0.00			
12/22/99 6:00	1028.75	30.38	0.000	7.59	45.66	0.00	0.00		
12/22/99 6:15	1028.63	30.38	0.000	7.59	45.66	0.00			
12/22/99 6:30	1028.75	30.38	0.000	7.59	45.66	0.00			
12/22/99 6:45	1028.63	30.38	0.000	7.59	45.66	0.00			
12/22/99 7:00	1028.50	30.37	0.000	7.33	45.19	0.00	0.00		
12/22/99 7:15	1028.63	30.38	0.000	7.59	45.66	0.00			
12/22/99 7:30	1028.75	30.38	0.000	7.59	45.66	0.00			
12/22/99 7:45	1028.75	30.38	0.000	7.59	45.66	0.00			
12/22/99 8:00	1029.00	30.39	0.000	8.11	46.60	0.00	101.43		
12/22/99 8:15	1029.13	30.39	0.000	8.37	47.07	0.00			
12/22/99 8:30	1029.00	30.39	0.815	42.60	108.88	507.14			
12/22/99 8:45	1028.88	30.38	0.934	64.55	148.19	561.59			
12/22/99 9:00	1029.00	30.39	0.945	70.56	159.01	569.74	554.60		
12/22/99 9:15	1028.88	30.38	0.938	88.47	155.24	565.96			
12/22/99 9:30	1029.00	30.39	0.942	70.30	158.54	568.59			
12/22/99 9:45	1029.25	30.39	0.939	70.30	158.54	567.78			
12/22/99 10:00	1029.25	30.39	0.934	68.73	155.71	564.96	566.29		
12/22/99 10:15	1029.38	30.40	0.926	70.56	159.01	563.94			
12/22/99 10:30	1029.00	30.39	0.932	71.08	159.95	566.20			
12/22/99 10:45	1029.13	30.39	0.935	71.06	159.95	567.11			
12/22/99 11:00	1029.38	30.40	0.934	70.82	159.48	566.64	565.95		
12/22/99 11:15	1029.50	30.40	0.931	69.51	157.13	564.56			
12/22/99 11:30	1029.38	30.40	0.932	70.04	158.07	565.24			
12/22/99 11:45	1029.13	30.39	0.933	69.51	157.13	565.24			
12/22/99 12:00	1028.75	30.38	0.934	89.25	156.66	565.31	565.85		
12/22/99 12:15	1028.25	30.36	0.933	68.99	156.19	565.05			
12/22/99 12:30	1028.13	30.36	0.935	71.06	159.95	567.39			
12/22/99 12:45	1028.38	30.37	0.043	56.45	133.61	119.19			
12/22/99 13:00	1028.13	30.36	0.214	51.22	124.20	263.32	415.41		
12/22/99 13:15	1027.63	30.35	0.926	68.73	155.71	562.73			
12/22/99 13:30	1027.63	30.35	0.926	70.56	159.01	564.42			
12/22/99 13:45	1027.63	30.35	0.925	69.78	157.60	563.41			
12/22/99 14:00	1027.75	30.35	0.926	70.30	158.54	563.99	564.46		
12/22/99 14:15	1027.50	30.34	0.931	70.82	159.48	566.19			
12/22/99 14:30	1027.25	30.33	0.928	69.78	157.60	564.27			
12/22/99 14:45	1027.00	30.33	0.933	70.56	159.01	568.69			
12/22/99 15:00	1026.63	30.32	0.933	71.06	159.95	567.04	565.66		
12/22/99 15:15	1026.13	30.30	0.929	89.78	157.60	565.16			
12/22/99 15:30	1026.00	30.30	0.931	69.25	156.66	565.13			
12/22/99 15:45	1026.00	30.30	0.929	68.73	155.71	564.33			
12/22/99 16:00	1026.25	30.31	0.930	68.73	155.71	564.45	564.45		
12/22/99 16:15	1025.88	30.29	0.929	68.47	155.24	564.15			
12/22/99 16:30	1025.63	30.29	0.930	68.21	154.77	564.19			
12/22/99 16:45	1025.63	30.29	0.931	68.21	154.77	564.37			
12/22/99 17:00	1025.75	30.29	0.926	68.21	154.77	563.00	563.82		
12/22/99 17:15	1025.63	30.29	0.929	68.21	154.77	564.01			
12/22/99 17:30	1025.25	30.28	0.926	68.21	154.77	563.53			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/22/99 17:45	1025.25	30.28	0.928	68.21	154.77	563.53			
12/22/99 18:00	1025.13	30.27	0.927	68.21	154.77	563.38	563.80		
12/22/99 18:15	1025.25	30.28	0.931	68.21	154.77	564.65			
12/22/99 18:30	1025.25	30.28	0.929	68.21	154.77	563.90			
12/22/99 18:45	1025.38	30.28	0.926	68.21	154.77	563.10			
12/22/99 19:00	1025.50	30.28	0.926	68.21	154.77	563.07	563.58		
12/22/99 19:15	1025.63	30.29	0.928	68.21	154.77	563.43			
12/22/99 19:30	1025.38	30.28	0.931	67.95	154.30	564.40			
12/22/99 19:45	1025.38	30.28	0.931	67.95	154.30	564.40			
12/22/99 20:00	1025.50	30.28	0.929	68.21	154.77	563.83	564.22		
12/22/99 20:15	1025.63	30.29	0.931	67.95	154.30	564.34			
12/22/99 20:30	1025.63	30.29	0.931	67.95	154.30	564.15			
12/22/99 20:45	1025.63	30.29	0.930	67.95	154.30	563.97			
12/22/99 21:00	1025.50	30.28	0.933	67.95	154.30	564.94	564.30		
12/22/99 21:15	1025.63	30.29	0.929	68.21	154.77	564.01			
12/22/99 21:30	1025.50	30.28	0.931	68.21	154.77	564.40			
12/22/99 21:45	1025.38	30.28	0.931	68.47	155.24	564.65			
12/22/99 22:00	1025.38	30.28	0.929	68.21	154.77	563.86	564.37		
12/22/99 22:15	1025.38	30.28	0.930	68.21	154.77	564.26			
12/22/99 22:30	1025.25	30.28	0.931	68.47	155.24	564.69			
12/22/99 22:45	1025.00	30.27	0.929	68.47	155.24	564.39			
12/22/99 23:00	1025.13	30.27	0.928	68.73	155.71	564.00	564.02		
12/22/99 23:15	1024.75	30.26	0.926	68.47	155.24	563.49			
12/22/99 23:30	1024.75	30.26	0.926	68.73	155.71	563.52			
12/22/99 23:45	1024.63	30.26	0.924	68.47	155.24	562.98			
12/23/99 0:00	1024.75	30.26	0.922	68.47	155.24	562.18	562.81		
12/23/99 0:15	1024.75	30.26	0.924	68.47	155.24	562.94			
12/23/99 0:30	1024.63	30.26	0.922	68.73	155.71	562.43			
12/23/99 0:45	1024.63	30.26	0.920	68.73	155.71	561.85			
12/23/99 1:00	1024.63	30.26	0.919	68.73	155.71	561.45	561.89		
12/23/99 1:15	1024.50	30.25	0.919	69.25	156.66	562.13			
12/23/99 1:30	1024.25	30.25	0.918	69.25	156.66	561.62			
12/23/99 1:45	1024.38	30.25	0.917	68.99	156.19	561.18			
12/23/99 2:00	1024.50	30.25	0.916	68.73	155.71	560.72	560.95		
12/23/99 2:15	1024.75	30.26	0.918	68.47	155.24	561.02			
12/23/99 2:30	1025.00	30.27	0.916	68.47	155.24	560.19			
12/23/99 2:45	1025.25	30.28	0.914	68.47	155.24	559.54			
12/23/99 3:00	1025.38	30.28	0.914	68.21	154.77	559.50	559.62		
12/23/99 3:15	1025.38	30.28	0.914	68.21	154.77	559.29			
12/23/99 3:30	1025.75	30.29	0.915	68.21	154.77	559.58			
12/23/99 3:45	1026.00	30.30	0.912	67.95	154.30	558.35			
12/23/99 4:00	1026.13	30.30	0.913	67.69	153.83	558.29	560.13		
12/23/99 4:15	1026.25	30.31	0.914	70.04	158.07	560.55			
12/23/99 4:30	1026.13	30.30	0.918	72.65	162.77	563.86			
12/23/99 4:45	1026.00	30.30	0.916	72.39	162.30	563.12			
12/23/99 5:00	1025.88	30.29	0.913	70.04	158.07	560.28	562.66		
12/23/99 5:15	1025.75	30.29	0.917	71.08	159.95	562.52			
12/23/99 5:30	1025.75	30.29	0.916	71.87	161.36	563.53			
12/23/99 5:45	1026.00	30.30	0.921	70.04	158.07	562.73			
12/23/99 6:00	1026.38	30.31	0.926	71.34	160.42	565.22	564.38		
12/23/99 6:15	1026.50	30.31	0.929	70.56	159.01	565.49			
12/23/99 6:30	1026.63	30.32	0.926	71.08	159.95	564.94			
12/23/99 6:45	1026.63	30.32	0.926	70.04	158.07	564.26			
12/23/99 7:00	1026.88	30.32	0.928	70.56	159.01	565.20	564.83		
12/23/99 7:15	1026.75	30.32	0.929	71.34	160.42	566.28			
12/23/99 7:30	1026.88	30.32	0.928	68.47	155.24	563.48			
12/23/99 7:45	1027.00	30.33	0.924	67.42	153.36	561.46			
12/23/99 8:00	1027.13	30.33	0.926	70.82	159.48	564.59	563.94		
12/23/99 8:15	1027.25	30.33	0.927	70.82	159.48	564.95			
12/23/99 8:30	1027.50	30.34	0.929	70.30	158.54	565.21			
12/23/99 8:45	1027.50	30.34	0.926	71.34	160.42	565.10			
12/23/99 9:00	1027.50	30.34	0.933	71.34	160.42	567.20	565.45		
12/23/99 9:15	1027.75	30.35	0.931	69.78	157.60	565.08			
12/23/99 9:30	1027.88	30.35	0.930	69.51	157.13	564.65			
12/23/99 9:45	1028.25	30.36	0.929	67.95	154.30	562.86			
12/23/99 10:00	1028.50	30.37	0.929	71.08	159.95	565.58	565.02		
12/23/99 10:15	1028.50	30.37	0.933	70.56	159.01	566.28			
12/23/99 10:30	1028.38	30.37	0.931	70.56	159.01	565.73			
12/23/99 10:45	1028.38	30.37	0.928	68.21	154.77	562.86			
12/23/99 11:00	1028.50	30.37	0.928	66.90	152.42	561.74	564.33		
12/23/99 11:15	1028.38	30.37	0.930	70.30	158.54	565.15			
12/23/99 11:30	1028.25	30.38	0.933	70.56	159.01	566.18			
12/23/99 11:45	1028.00	30.36	0.934	69.78	157.60	565.95			
12/23/99 12:00	1027.63	30.35	0.935	70.30	158.54	566.88	566.08		
12/23/99 12:15	1027.38	30.34	0.930	68.99	156.19	564.35			
12/23/99 12:30	1027.13	30.33	0.934	70.56	159.01	567.05			
12/23/99 12:45	1027.00	30.33	0.931	69.78	157.60	565.47			
12/23/99 13:00	1027.00	30.33	0.934	71.08	159.95	567.30	565.43		
12/23/99 13:15	1027.00	30.33	0.925	69.25	156.66	563.15			
12/23/99 13:30	1027.00	30.33	0.926	70.04	158.07	564.16			
12/23/99 13:45	1026.88	30.32	0.926	69.51	157.13	563.77			
12/23/99 14:00	1026.75	30.32	0.922	68.73	155.71	561.85	562.76		
12/23/99 14:15	1026.63	30.32	0.922	68.73	155.71	561.88			
12/23/99 14:30	1026.63	30.32	0.920	69.78	157.60	562.16			
12/23/99 14:45	1026.50	30.31	0.921	71.87	161.36	564.27			
12/23/99 15:00	1026.50	30.31	0.918	70.82	159.48	562.47	562.84		
12/23/99 15:15	1026.38	30.31	0.922	71.08	159.95	563.88			
12/23/99 15:30	1026.25	30.31	0.919	69.25	156.66	561.44			
12/23/99 15:45	1026.13	30.30	0.916	68.73	155.71	560.28			
12/23/99 16:00	1026.00	30.30	0.917	68.21	154.77	560.10	560.06		
12/23/99 16:15	1026.13	30.30	0.915	67.95	154.30	559.27			
12/23/99 16:30	1026.13	30.30	0.916	67.69	153.83	559.24			
12/23/99 16:45	1025.88	30.29	0.916	67.42	153.36	559.09			
12/23/99 17:00	1025.63	30.29	0.918	70.04	158.07	561.88	561.93		
12/23/99 17:15	1025.25	30.28	0.919	72.39	162.30	564.27			
12/23/99 17:30	1025.38	30.28	0.923	71.87	161.36	565.16			
12/23/99 17:45	1025.38	30.28	0.917	71.60	160.89	563.05			
12/23/99 18:00	1025.25	30.28	0.921	71.60	160.89	564.22	563.34		
12/23/99 18:15	1025.25	30.28	0.914	71.08	159.95	561.89			
12/23/99 18:30	1025.38	30.28	0.916	71.08	159.95	562.41			
12/23/99 18:45	1025.38	30.28	0.914	71.87	161.36	562.28			
12/23/99 19:00	1025.50	30.28	0.919	71.34	160.42	563.35	562.80		
12/23/99 19:15	1025.63	30.29	0.916	71.87	161.36	562.96			
12/23/99 19:30	1025.63	30.29	0.916	71.87	161.36	562.98			
12/23/99 19:45	1025.50	30.28	0.919	70.82	159.48	562.92			
12/23/99 20:00	1025.38	30.28	0.918	70.30	158.54	562.16	561.47		
12/23/99 20:15	1025.38	30.28	0.913	68.99	156.19	559.75			
12/23/99 20:30	1025.50	30.28	0.918	67.16	152.89	559.56			
12/23/99 20:45	1025.25	30.28	0.923	70.82	159.48	564.16			
12/23/99 21:00	1025.13	30.27	0.926	70.82	159.48	565.32	562.98		
12/23/99 21:15	1025.25	30.28	0.925	67.95	154.30	562.56			
12/23/99 21:30	1025.25	30.28	0.923	69.78	157.60	563.30			
12/23/99 21:45	1025.00	30.27	0.928	68.73	155.71	564.03			
12/23/99 22:00	1024.88	30.26	0.927	70.82	159.48	565.60	564.81		
12/23/99 22:15	1024.75	30.26	0.928	71.08	159.95	566.04			
12/23/99 22:30	1024.63	30.26	0.925	70.82	159.48	565.09			
12/23/99 22:45	1024.63	30.26	0.928	69.78	157.60	564.60			
12/23/99 23:00	1024.63	30.26	0.925	69.78	157.60	564.23	564.69		
12/23/99 23:15	1024.38	30.25	0.924	70.04	158.07	564.33			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/23/99 23:30	1024.13	30.24	0.926	70.56	159.01	565.20			
12/23/99 23:45	1023.88	30.23	0.925	69.78	157.60	564.44			
12/24/99 0:00	1023.75	30.23	0.924	70.30	158.54	564.51	564.90		
12/24/99 0:15	1023.38	30.22	0.923	70.56	159.01	564.64			
12/24/99 0:30	1023.13	30.21	0.925	71.08	159.95	565.72			
12/24/99 0:45	1022.88	30.21	0.924	69.76	157.60	564.32			
12/24/99 1:00	1022.63	30.20	0.923	70.56	159.01	564.67	564.26		
12/24/99 1:15	1022.63	30.20	0.916	66.73	155.71	561.62			
12/24/99 1:30	1022.63	30.20	0.926	69.51	157.13	564.75			
12/24/99 1:45	1022.50	30.19	0.922	70.30	158.54	564.30			
12/24/99 2:00	1022.50	30.19	0.921	70.04	158.07	563.87	564.94		
12/24/99 2:15	1022.50	30.19	0.926	71.08	159.95	566.08			
12/24/99 2:30	1022.50	30.19	0.924	71.08	159.95	565.71			
12/24/99 2:45	1022.25	30.19	0.921	69.78	157.60	563.54			
12/24/99 3:00	1022.25	30.19	0.927	71.08	159.95	566.54	565.14		
12/24/99 3:15	1022.00	30.18	0.923	71.08	159.95	565.45			
12/24/99 3:30	1021.88	30.18	0.921	70.56	159.01	564.47			
12/24/99 3:45	1021.88	30.18	0.923	70.04	158.07	564.44			
12/24/99 4:00	1021.75	30.17	0.921	71.08	159.95	564.94	564.81		
12/24/99 4:15	1021.88	30.18	0.921	71.08	159.95	564.90			
12/24/99 4:30	1021.75	30.17	0.924	70.30	158.54	565.27			
12/24/99 4:45	1021.75	30.17	0.919	67.95	154.30	561.60			
12/24/99 5:00	1021.75	30.17	0.915	68.21	154.77	560.68	563.53		
12/24/99 5:15	1021.75	30.17	0.922	71.60	160.69	565.58			
12/24/99 5:30	1021.88	30.18	0.921	70.82	159.48	564.50			
12/24/99 5:45	1021.88	30.18	0.916	71.34	160.42	563.40			
12/24/99 6:00	1022.13	30.18	0.919	71.34	160.42	564.28	563.72		
12/24/99 6:15	1022.25	30.19	0.919	70.82	159.48	564.03			
12/24/99 6:30	1022.50	30.19	0.916	70.30	158.54	562.37			
12/24/99 6:45	1022.75	30.20	0.916	70.56	159.01	562.52			
12/24/99 7:00	1023.25	30.22	0.914	70.30	158.54	561.58	561.74		
12/24/99 7:15	1023.38	30.22	0.914	71.08	159.95	562.19			
12/24/99 7:30	1023.63	30.23	0.913	68.99	156.19	560.04			
12/24/99 7:45	1023.88	30.23	0.915	71.87	161.36	563.09			
12/24/99 8:00	1024.13	30.24	0.915	71.87	161.36	563.02	562.72		
12/24/99 8:15	1024.50	30.25	0.916	71.60	160.89	563.07			
12/24/99 8:30	1024.75	30.26	0.921	71.60	160.89	564.35			
12/24/99 8:45	1025.13	30.27	0.913	71.34	160.42	561.55			
12/24/99 9:00	1025.25	30.28	0.915	71.60	160.89	562.50	562.82		
12/24/99 9:15	1025.50	30.28	0.916	70.82	159.48	562.16			
12/24/99 9:30	1025.75	30.29	0.918	71.87	161.36	563.53			
12/24/99 9:45	1026.00	30.30	0.919	71.34	160.42	563.43			
12/24/99 10:00	1026.25	30.31	0.911	68.21	154.77	558.10	561.60		
12/24/99 10:15	1026.63	30.32	0.914	68.99	156.19	559.80			
12/24/99 10:30	1026.63	30.32	0.917	72.13	161.83	563.13			
12/24/99 10:45	1026.75	30.32	0.914	68.99	156.19	559.77			
12/24/99 11:00	1027.13	30.33	0.917	70.30	158.54	561.50	561.94		
12/24/99 11:15	1027.00	30.33	0.919	71.87	161.36	563.37			
12/24/99 11:30	1027.13	30.33	0.916	71.34	160.42	561.96			
12/24/99 11:45	1027.25	30.33	0.914	71.34	160.42	561.55			
12/24/99 12:00	1027.13	30.33	0.916	70.82	159.48	561.53	560.63		
12/24/99 12:15	1027.25	30.33	0.913	68.21	154.77	558.60			
12/24/99 12:30	1027.38	30.34	0.916	68.21	154.77	559.51			
12/24/99 12:45	1027.50	30.34	0.928	72.13	161.83	566.13			
12/24/99 13:00	1027.50	30.34	0.933	70.82	159.48	566.77	564.27		
12/24/99 13:15	1027.63	30.35	0.926	71.08	159.95	564.85			
12/24/99 13:30	1027.50	30.34	0.924	70.82	159.48	564.12			
12/24/99 13:45	1027.63	30.35	0.928	70.56	159.01	565.00			
12/24/99 14:00	1027.63	30.35	0.929	69.78	157.60	564.75	565.00		
12/24/99 14:15	1027.75	30.35	0.928	70.82	159.48	565.18			
12/24/99 14:30	1027.75	30.35	0.930	71.08	159.95	565.97			
12/24/99 14:45	1027.75	30.35	0.928	70.30	158.54	564.57			
12/24/99 15:00	1028.00	30.36	0.928	71.08	159.95	565.14	565.31		
12/24/99 15:15	1028.13	30.36	0.926	70.82	159.48	564.50			
12/24/99 15:30	1028.36	30.37	0.932	71.08	159.95	566.38			
12/24/99 15:45	1028.38	30.37	0.928	70.56	159.01	564.79			
12/24/99 16:00	1028.50	30.37	0.927	68.47	155.24	562.67	564.61		
12/24/99 16:15	1028.63	30.38	0.925	70.04	158.07	563.35			
12/24/99 16:30	1028.88	30.38	0.931	71.08	159.95	565.84			
12/24/99 16:45	1029.00	30.39	0.929	71.60	160.89	565.87			
12/24/99 17:00	1029.25	30.39	0.921	68.99	156.19	561.16	564.55		
12/24/99 17:15	1029.38	30.40	0.928	71.34	160.42	565.16			
12/24/99 17:30	1029.50	30.40	0.928	71.08	159.95	564.73			
12/24/99 17:45	1029.75	30.41	0.931	70.82	159.48	565.39			
12/24/99 18:00	1030.00	30.42	0.926	70.04	158.07	563.16	564.68		
12/24/99 18:15	1030.13	30.42	0.929	70.82	159.48	564.71			
12/24/99 18:30	1030.38	30.43	0.931	70.62	159.48	565.40			
12/24/99 18:45	1030.38	30.43	0.931	69.25	156.66	564.11			
12/24/99 19:00	1030.38	30.43	0.933	70.04	158.07	565.15	564.31		
12/24/99 19:15	1030.50	30.43	0.928	69.78	157.60	563.38			
12/24/99 19:30	1030.88	30.44	0.926	70.56	159.01	563.53			
12/24/99 19:45	1031.25	30.45	0.929	71.08	159.95	564.83			
12/24/99 20:00	1031.50	30.46	0.929	70.56	159.01	564.33	563.98		
12/24/99 20:15	1031.50	30.46	0.931	68.47	155.24	562.97			
12/24/99 20:30	1031.63	30.46	0.931	70.04	158.07	564.23			
12/24/99 20:45	1031.75	30.47	0.933	71.08	159.95	565.81			
12/24/99 21:00	1031.88	30.47	0.934	71.08	159.95	566.17	564.91		
12/24/99 21:15	1032.00	30.47	0.931	71.08	159.95	564.99			
12/24/99 21:30	1032.13	30.48	0.928	70.30	158.54	563.37			
12/24/99 21:45	1032.13	30.48	0.921	70.04	158.07	561.24			
12/24/99 22:00	1032.13	30.48	0.924	71.60	160.89	563.49	562.45		
12/24/99 22:15	1032.38	30.49	0.923	70.82	159.48	562.39			
12/24/99 22:30	1032.38	30.49	0.923	70.04	158.07	561.75			
12/24/99 22:45	1032.13	30.48	0.924	69.78	157.60	561.78			
12/24/99 23:00	1032.00	30.47	0.923	71.87	161.36	563.34	562.27		
12/24/99 23:15	1031.88	30.47	0.921	69.78	157.60	560.91			
12/24/99 23:30	1031.75	30.47	0.925	71.34	160.42	563.57			
12/24/99 23:45	1031.75	30.47	0.928	71.34	160.42	564.51			
12/25/99 0:00	1031.88	30.47	0.926	70.56	159.01	563.07	563.75		
12/25/99 0:15	1032.00	30.47	0.926	71.34	160.42	563.66			
12/25/99 0:30	1032.13	30.48	0.926	70.56	159.01	563.76			
12/25/99 0:45	1032.25	30.48	0.927	71.34	160.42	564.01			
12/25/99 1:00	1032.25	30.48	0.929	71.08	159.95	564.55	563.62		
12/25/99 1:15	1032.38	30.49	0.924	70.82	159.48	562.57			
12/25/99 1:30	1032.38	30.49	0.924	71.60	160.89	563.21			
12/25/99 1:45	1032.38	30.49	0.921	70.56	159.01	561.41			
12/25/99 2:00	1032.38	30.49	0.924	71.60	160.89	563.43	562.13		
12/25/99 2:15	1032.50	30.49	0.924	70.82	159.48	562.54			
12/25/99 2:30	1032.38	30.49	0.918	70.04	158.07	560.04			
12/25/99 2:45	1032.25	30.48	0.916	70.56	159.01	559.92			
12/25/99 3:00	1032.13	30.48	0.919	70.82	159.48	561.11	415.25		
12/25/99 3:15	1032.38	30.49	0.468	62.20	143.96	395.16			
12/25/99 3:30	1032.25	30.48	0.000	51.22	124.20	0.00			
12/25/99 3:45	1032.25	30.48	0.000	42.86	109.15	0.00			
12/25/99 4:00	1032.25	30.48	0.000	36.07	96.92	0.00	0.00		
12/25/99 4:15	1032.25	30.48	0.000	31.10	87.99	0.00			
12/25/99 4:30	1032.38	30.49	0.000	26.92	80.46	0.00			
12/25/99 4:45	1032.13	30.48	0.000	23.53	74.35	0.00			
12/25/99 5:00	1032.00	30.47	0.000	20.91	69.64	0.00	0.00		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/25/99 5:15	1032.25	30.48	0.000	18.56	65.41	0.00			
12/25/99 5:30	1032.50	30.49	0.000	16.99	62.59	0.00			
12/25/99 5:45	1032.63	30.49	0.146	18.30	64.94	206.00			
12/25/99 6:00	1032.75	30.50	0.908	59.59	139.25	548.34	375.93		
12/25/99 6:15	1032.75	30.50	0.926	69.51	157.13	561.98			
12/25/99 6:30	1032.75	30.50	0.924	71.60	160.89	563.32			
12/25/99 6:45	1032.63	30.49	0.923	71.08	159.95	562.53			
12/25/99 7:00	1032.75	30.50	0.924	70.56	159.01	562.47	563.48		
12/25/99 7:15	1032.68	30.50	0.932	71.34	160.42	565.36			
12/25/99 7:30	1033.00	30.50	0.928	70.82	159.48	563.74			
12/25/99 7:45	1032.68	30.50	0.924	68.73	155.71	560.94			
12/25/99 8:00	1033.00	30.50	0.924	71.08	159.95	562.61	562.59		
12/25/99 8:15	1032.88	30.50	0.926	71.34	160.42	563.44			
12/25/99 8:30	1032.75	30.50	0.925	70.04	158.07	562.22			
12/25/99 8:45	1032.88	30.50	0.922	70.56	159.01	561.87			
12/25/99 9:00	1033.00	30.50	0.927	71.60	160.89	564.02	562.37		
12/25/99 9:15	1033.13	30.51	0.923	70.56	159.01	561.79			
12/25/99 9:30	1033.13	30.51	0.924	70.30	158.54	562.15			
12/25/99 9:45	1033.00	30.50	0.924	71.08	159.95	562.83			
12/25/99 10:00	1033.13	30.51	0.928	69.51	157.13	562.63	562.81		
12/25/99 10:15	1033.00	30.50	0.929	70.56	159.01	563.71			
12/25/99 10:30	1033.13	30.51	0.926	70.56	159.01	562.73			
12/25/99 10:45	1033.00	30.50	0.923	71.87	161.36	563.07			
12/25/99 11:00	1032.75	30.50	0.915	69.25	156.86	558.54	562.26		
12/25/99 11:15	1032.75	30.50	0.923	71.08	159.95	562.32			
12/25/99 11:30	1032.63	30.49	0.929	71.60	160.89	564.67			
12/25/99 11:45	1032.00	30.47	0.931	69.78	157.60	564.09			
12/25/99 12:00	1031.75	30.47	0.929	69.51	157.13	563.19	564.26		
12/25/99 12:15	1031.50	30.46	0.929	70.30	158.54	564.12			
12/25/99 12:30	1031.13	30.45	0.930	71.34	160.42	565.26			
12/25/99 12:45	1030.75	30.44	0.929	70.82	159.48	564.75			
12/25/99 13:00	1030.38	30.43	0.933	68.99	156.19	564.29	563.76		
12/25/99 13:15	1030.00	30.42	0.928	68.47	155.24	562.45			
12/25/99 13:30	1029.68	30.41	0.927	68.21	154.77	562.08			
12/25/99 13:45	1029.25	30.39	0.926	68.47	155.24	562.26			
12/25/99 14:00	1029.25	30.39	0.933	71.87	161.36	566.96	563.96		
12/25/99 14:15	1029.00	30.39	0.928	71.08	159.95	565.05			
12/25/99 14:30	1028.75	30.38	0.927	69.51	157.13	563.46			
12/25/99 14:45	1028.50	30.37	0.928	68.73	155.71	562.49			
12/25/99 15:00	1028.25	30.36	0.924	70.04	158.07	563.06	563.16		
12/25/99 15:15	1028.13	30.36	0.923	71.34	160.42	563.98			
12/25/99 15:30	1028.00	30.36	0.921	70.56	159.01	562.79			
12/25/99 15:45	1027.75	30.35	0.922	71.34	160.42	563.71			
12/25/99 16:00	1027.75	30.35	0.919	71.34	160.42	562.73	563.37		
12/25/99 16:15	1027.63	30.35	0.921	71.87	161.36	563.96			
12/25/99 16:30	1027.25	30.33	0.921	71.34	160.42	563.64			
12/25/99 16:45	1027.13	30.33	0.920	71.87	161.36	563.73			
12/25/99 17:00	1026.75	30.32	0.919	71.34	160.42	563.22	562.99		
12/25/99 17:15	1026.38	30.31	0.918	71.34	160.42	562.74			
12/25/99 17:30	1026.00	30.30	0.916	70.30	158.54	561.59			
12/25/99 17:45	1025.75	30.29	0.913	68.47	155.24	559.03			
12/25/99 18:00	1025.50	30.28	0.909	71.34	160.42	560.28	561.14		
12/25/99 18:15	1025.50	30.28	0.913	72.39	162.30	562.48			
12/25/99 18:30	1025.38	30.28	0.913	72.39	162.30	562.33			
12/25/99 18:45	1025.13	30.27	0.911	72.13	161.83	561.60			
12/25/99 19:00	1024.75	30.26	0.911	71.60	160.89	561.47	560.48		
12/25/99 19:15	1024.68	30.26	0.908	68.99	156.19	558.35			
12/25/99 19:30	1024.75	30.26	0.913	67.69	153.83	558.66			
12/25/99 19:45	1024.38	30.25	0.909	71.08	159.95	560.59			
12/25/99 20:00	1024.00	30.24	0.910	72.91	163.24	562.36	560.61		
12/25/99 20:15	1023.83	30.23	0.906	72.39	162.30	560.68			
12/25/99 20:30	1023.25	30.22	0.908	71.60	160.89	560.73			
12/25/99 20:45	1022.68	30.21	0.908	72.65	162.77	561.89			
12/25/99 21:00	1022.50	30.19	0.906	71.60	160.89	560.35	560.53		
12/25/99 21:15	1022.25	30.19	0.903	71.34	160.42	559.44			
12/25/99 21:30	1022.13	30.18	0.906	71.60	160.89	560.46			
12/25/99 21:45	1022.00	30.18	0.904	72.85	162.77	560.75			
12/25/99 22:00	1021.63	30.17	0.904	71.60	160.89	560.00	560.58		
12/25/99 22:15	1021.25	30.16	0.904	72.13	161.83	560.53			
12/25/99 22:30	1021.13	30.15	0.906	72.13	161.83	561.15			
12/25/99 22:45	1021.25	30.16	0.903	71.87	161.36	559.95			
12/25/99 23:00	1020.75	30.14	0.901	72.85	162.77	560.32	560.55		
12/25/99 23:15	1020.38	30.13	0.903	72.39	162.30	560.80			
12/25/99 23:30	1019.68	30.12	0.903	72.13	161.83	560.54			
12/25/99 23:45	1019.38	30.10	0.904	72.39	162.30	561.48			
12/26/99 0:00	1019.00	30.09	0.906	71.34	160.42	561.10	561.23		
12/26/99 0:15	1018.38	30.07	0.903	70.56	159.01	559.87			
12/26/99 0:30	1018.13	30.07	0.909	72.39	162.30	563.37			
12/26/99 0:45	1018.00	30.06	0.908	72.39	162.30	562.82			
12/26/99 1:00	1017.50	30.05	0.908	70.82	159.48	561.88	562.50		
12/26/99 1:15	1017.13	30.04	0.907	71.87	161.36	562.45			
12/26/99 1:30	1016.75	30.02	0.905	72.13	161.83	562.17			
12/26/99 1:45	1016.50	30.02	0.906	70.56	159.01	561.15			
12/26/99 2:00	1016.25	30.01	0.903	71.60	160.89	561.11	561.62		
12/26/99 2:15	1015.75	30.00	0.906	72.13	161.83	562.82			
12/26/99 2:30	1015.63	29.99	0.905	71.34	160.42	561.85			
12/26/99 2:45	1015.50	29.99	0.906	71.60	160.89	562.28			
12/26/99 3:00	1015.13	29.98	0.903	72.39	162.30	562.06	561.30		
12/26/99 3:15	1014.50	29.96	0.901	72.13	161.83	561.61			
12/26/99 3:30	1014.00	29.94	0.897	70.04	158.07	558.71			
12/26/99 3:45	1013.50	29.93	0.903	72.39	162.30	562.70			
12/26/99 4:00	1013.00	29.91	0.901	69.78	157.60	559.93	559.94		
12/26/99 4:15	1013.00	29.91	0.894	68.73	155.71	556.93			
12/26/99 4:30	1013.13	29.92	0.898	72.65	162.77	561.45			
12/26/99 4:45	1012.75	29.91	0.899	72.13	161.83	561.54			
12/26/99 5:00	1012.75	29.91	0.901	72.39	162.30	562.12	561.59		
12/26/99 5:15	1013.13	29.92	0.901	71.60	160.89	561.38			
12/26/99 5:30	1013.00	29.91	0.899	72.13	161.83	561.47			
12/26/99 5:45	1012.50	29.90	0.898	72.13	161.83	561.01			
12/26/99 6:00	1012.25	29.89	0.899	71.08	159.95	560.83	561.19		
12/26/99 6:15	1012.38	29.90	0.898	71.60	160.89	560.81			
12/26/99 6:30	1012.50	29.90	0.899	72.39	162.30	561.82			
12/26/99 6:45	1012.63	29.90	0.903	72.39	162.30	562.94			
12/26/99 7:00	1012.38	29.90	0.897	72.39	162.30	561.07	561.67		
12/26/99 7:15	1012.13	29.89	0.899	71.87	161.36	561.28			
12/26/99 7:30	1012.13	29.89	0.901	71.08	159.95	561.23			
12/26/99 7:45	1012.13	29.89	0.897	71.34	160.42	560.29			
12/26/99 8:00	1011.88	29.88	0.901	70.82	159.48	561.28	560.94		
12/26/99 8:15	1011.88	29.88	0.900	71.60	160.89	561.54			
12/26/99 8:30	1011.88	29.88	0.897	71.34	160.42	560.36			
12/26/99 8:45	1012.25	29.89	0.901	71.34	160.42	561.41			
12/26/99 9:00	1012.38	29.90	0.899	72.65	162.77	561.85	561.07		
12/26/99 9:15	1012.50	29.90	0.901	72.13	161.83	561.96			
12/26/99 9:30	1012.63	29.90	0.896	71.34	160.42	559.75			
12/26/99 9:45	1012.88	29.91	0.899	71.87	161.36	561.07			
12/26/99 10:00	1013.13	29.92	0.893	71.08	159.95	558.43	559.92		
12/26/99 10:15	1013.13	29.92	0.895	70.56	159.01	556.79			
12/26/99 10:30	1013.25	29.92	0.901	71.87	161.36	561.56			
12/26/99 10:45	1013.25	29.92	0.896	71.60	160.89	559.98			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/26/99 11:00	1013.38	29.92	0.895	71.60	160.89	559.57	560.21		
12/26/99 11:15	1013.38	29.92	0.895	71.60	160.89	559.57			
12/26/99 11:30	1013.38	29.92	0.897	71.87	161.36	560.37			
12/26/99 11:45	1013.38	29.92	0.896	71.87	161.36	560.15			
12/26/99 12:00	1013.38	29.92	0.898	72.13	161.83	560.37	560.46		
12/26/99 12:15	1013.63	29.93	0.901	72.39	162.30	561.88			
12/26/99 12:30	1013.63	29.93	0.894	72.13	161.83	559.51			
12/26/99 12:45	1013.63	29.93	0.898	72.39	162.30	560.32			
12/26/99 13:00	1013.50	29.93	0.896	72.65	162.77	560.75	559.96		
12/26/99 13:15	1013.63	29.93	0.894	72.13	161.83	559.51			
12/26/99 13:30	1013.75	29.94	0.895	71.87	161.36	559.67			
12/26/99 13:45	1013.88	29.94	0.893	71.87	161.36	559.05			
12/26/99 14:00	1013.88	29.94	0.895	71.87	161.36	559.64	559.56		
12/26/99 14:15	1013.88	29.94	0.896	72.13	161.83	560.04			
12/26/99 14:30	1014.13	29.95	0.894	71.87	161.36	559.38			
12/26/99 14:45	1014.25	29.95	0.893	72.13	161.83	559.15			
12/26/99 15:00	1014.38	29.95	0.899	72.39	162.30	561.30	559.74		
12/26/99 15:15	1014.50	29.96	0.896	71.87	161.36	559.84			
12/26/99 15:30	1014.63	29.96	0.894	71.60	160.89	559.03			
12/26/99 15:45	1014.63	29.96	0.894	71.60	160.89	559.03			
12/26/99 16:00	1014.63	29.96	0.895	71.34	160.42	559.01	559.05		
12/26/99 16:15	1014.88	29.97	0.896	71.34	160.42	559.32			
12/26/99 16:30	1015.13	29.96	0.895	71.34	160.42	558.87			
12/26/99 16:45	1015.50	29.99	0.894	71.34	160.42	558.38			
12/26/99 17:00	1015.88	30.00	0.894	71.08	159.95	558.27	558.35		
12/26/99 17:15	1015.88	30.00	0.895	70.82	159.48	558.24			
12/26/99 17:30	1015.88	30.00	0.895	70.56	159.01	558.03			
12/26/99 17:45	1016.13	30.01	0.891	71.08	159.95	557.20			
12/26/99 18:00	1016.38	30.01	0.896	71.60	160.89	558.93	557.92		
12/26/99 18:15	1016.50	30.02	0.894	70.56	159.01	557.87			
12/26/99 18:30	1016.75	30.02	0.896	70.30	158.54	557.76			
12/26/99 18:45	1016.88	30.03	0.895	70.04	158.07	557.33			
12/26/99 19:00	1017.13	30.04	0.898	72.39	162.30	559.95	559.07		
12/26/99 19:15	1017.25	30.04	0.899	72.65	162.77	560.50			
12/26/99 19:30	1017.38	30.04	0.901	71.08	159.95	559.78			
12/26/99 19:45	1017.38	30.04	0.904	72.13	161.83	561.82			
12/26/99 20:00	1017.25	30.04	0.906	71.34	160.42	562.36	560.84		
12/26/99 20:15	1017.38	30.04	0.903	70.56	159.01	560.14			
12/26/99 20:30	1017.38	30.04	0.905	69.78	157.60	560.09			
12/26/99 20:45	1017.38	30.04	0.902	69.25	156.66	558.70			
12/26/99 21:00	1017.25	30.04	0.903	68.73	155.71	558.68	558.93		
12/26/99 21:15	1017.13	30.04	0.903	68.73	155.71	558.71			
12/26/99 21:30	1017.25	30.04	0.903	68.47	155.24	558.47			
12/26/99 21:45	1017.00	30.03	0.903	68.21	154.77	558.13			
12/26/99 22:00	1017.00	30.03	0.901	68.21	154.77	557.55	558.50		
12/26/99 22:15	1017.00	30.03	0.902	67.69	153.83	557.52			
12/26/99 22:30	1017.00	30.03	0.904	70.82	159.48	560.86			
12/26/99 22:45	1017.00	30.03	0.909	71.60	160.89	563.04			
12/26/99 23:00	1017.00	30.03	0.904	68.99	156.19	559.15	561.84		
12/26/99 23:15	1017.25	30.04	0.909	71.08	159.95	562.33			
12/26/99 23:30	1017.25	30.04	0.910	72.39	162.30	563.80			
12/26/99 23:45	1017.00	30.03	0.906	69.51	157.13	560.16			
12/27/99 0:00	1016.75	30.02	0.904	68.21	154.77	558.79	560.39		
12/27/99 0:15	1016.75	30.02	0.901	69.25	156.66	558.65			
12/27/99 0:30	1016.50	30.02	0.904	70.30	158.54	560.57			
12/27/99 0:45	1016.00	30.00	0.906	68.21	154.77	559.55			
12/27/99 1:00	1015.88	30.00	0.903	67.42	153.36	557.60	558.42		
12/27/99 1:15	1015.88	30.00	0.904	67.16	152.89	557.96			
12/27/99 1:30	1015.75	30.00	0.899	66.90	152.42	556.23			
12/27/99 1:45	1015.63	29.99	0.906	70.30	158.54	561.37			
12/27/99 2:00	1015.63	29.99	0.911	72.65	162.77	564.84	561.44		
12/27/99 2:15	1015.63	29.99	0.906	71.87	161.36	562.48			
12/27/99 2:30	1015.50	29.99	0.905	71.87	161.36	562.31			
12/27/99 2:45	1015.63	29.99	0.906	71.60	160.89	562.43			
12/27/99 3:00	1015.50	29.99	0.908	71.08	159.95	562.63	562.04		
12/27/99 3:15	1015.50	29.99	0.903	71.60	160.89	561.50			
12/27/99 3:30	1015.38	29.98	0.904	70.82	159.48	561.30			
12/27/99 3:45	1015.38	29.98	0.906	70.82	159.48	561.68			
12/27/99 4:00	1015.38	29.98	0.908	70.30	158.54	561.84	561.98		
12/27/99 4:15	1015.38	29.98	0.906	71.08	159.95	561.89			
12/27/99 4:30	1015.00	29.97	0.908	71.60	160.89	563.20			
12/27/99 4:45	1015.13	29.98	0.906	70.82	159.48	561.75			
12/27/99 5:00	1015.13	29.98	0.906	71.60	160.89	562.97	562.22		
12/27/99 5:15	1014.88	29.97	0.907	70.04	158.07	561.58			
12/27/99 5:30	1015.00	29.97	0.905	70.82	159.48	561.59			
12/27/99 5:45	1015.13	29.98	0.903	71.60	160.89	561.42			
12/27/99 6:00	1015.00	29.97	0.902	71.60	160.89	561.27	561.15		
12/27/99 6:15	1015.00	29.97	0.904	71.87	161.36	562.26			
12/27/99 6:30	1015.00	29.97	0.900	69.78	157.60	559.19			
12/27/99 6:45	1014.88	29.97	0.896	68.47	155.24	556.98			
12/27/99 7:00	1014.86	29.97	0.901	71.60	160.89	560.90	559.60		
12/27/99 7:15	1014.75	29.97	0.901	71.08	159.95	560.51			
12/27/99 7:30	1015.00	29.97	0.901	71.08	159.95	560.44			
12/27/99 7:45	1015.25	29.98	0.903	72.39	162.30	562.02			
12/27/99 8:00	1015.25	29.98	0.901	71.08	159.95	560.56	560.05		
12/27/99 8:15	1015.00	29.97	0.899	71.34	160.42	560.06			
12/27/99 8:30	1015.13	29.96	0.896	68.99	156.19	557.15			
12/27/99 8:45	1015.00	29.97	0.896	68.21	154.77	556.54			
12/27/99 9:00	1015.00	29.97	0.893	67.95	154.30	555.55	557.59		
12/27/99 9:15	1015.13	29.98	0.893	70.30	158.54	557.43			
12/27/99 9:30	1015.13	29.98	0.900	72.39	162.30	561.28			
12/27/99 9:45	1015.25	29.98	0.899	71.87	161.36	560.63			
12/27/99 10:00	1015.25	29.98	0.899	72.13	161.83	560.63	559.76		
12/27/99 10:15	1015.25	29.98	0.896	71.34	160.42	559.02			
12/27/99 10:30	1015.13	29.98	0.893	70.04	158.07	557.22			
12/27/99 10:45	1015.13	29.98	0.898	71.34	160.42	559.65			
12/27/99 11:00	1015.13	29.98	0.894	69.25	156.66	556.77	558.33		
12/27/99 11:15	1015.00	29.97	0.894	71.34	160.42	558.72			
12/27/99 11:30	1014.88	29.97	0.896	71.34	160.42	559.32			
12/27/99 11:45	1014.75	29.97	0.892	71.60	160.89	558.22			
12/27/99 12:00	1014.88	29.97	0.896	71.87	161.36	559.74	558.81		
12/27/99 12:15	1014.75	29.97	0.895	71.87	161.36	559.40			
12/27/99 12:30	1014.63	29.96	0.893	70.30	158.54	557.38			
12/27/99 12:45	1014.50	29.96	0.892	68.99	156.19	556.17			
12/27/99 13:00	1014.50	29.96	0.891	68.47	155.24	555.53	555.75		
12/27/99 13:15	1014.50	29.96	0.892	68.21	154.77	555.53			
12/27/99 13:30	1014.50	29.96	0.888	67.95	154.30	554.13			
12/27/99 13:45	1014.38	29.95	0.888	67.95	154.30	553.98			
12/27/99 14:00	1014.25	29.95	0.891	67.95	154.30	555.17	554.52		
12/27/99 14:15	1014.25	29.95	0.891	67.95	154.30	554.98			
12/27/99 14:30	1014.38	29.95	0.889	67.95	154.30	554.36			
12/27/99 14:45	1014.50	29.96	0.890	67.95	154.30	554.73			
12/27/99 15:00	1014.75	29.97	0.889	67.69	153.83	554.26	556.14		
12/27/99 15:15	1014.86	29.97	0.890	70.56	159.01	556.74			
12/27/99 15:30	1014.88	29.97	0.897	72.65	162.77	560.59			
12/27/99 15:45	1015.00	29.97	0.895	72.39	162.30	559.75			
12/27/99 16:00	1015.00	29.97	0.894	72.39	162.30	559.35	558.99		
12/27/99 16:15	1015.00	29.97	0.894	72.13	161.83	559.35			
12/27/99 16:30	1015.00	29.97	0.889	70.04	158.07	555.88			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/27/99 16:45	1015.00	29.97	0.889	68.73	155.71	554.82			
12/27/99 17:00	1015.13	29.98	0.889	71.60	160.89	557.33	556.45		
12/27/99 17:15	1015.50	29.99	0.891	69.78	157.60	556.12			
12/27/99 17:30	1015.75	30.00	0.893	71.34	160.42	558.11			
12/27/99 17:45	1016.00	30.00	0.893	72.13	161.83	558.48			
12/27/99 18:00	1016.25	30.01	0.894	72.39	162.30	559.00	558.63		
12/27/99 18:15	1016.38	30.01	0.896	71.60	160.89	559.11			
12/27/99 18:30	1016.63	30.02	0.895	71.34	160.42	558.46			
12/27/99 18:45	1016.75	30.02	0.899	71.34	160.42	559.56			
12/27/99 19:00	1016.75	30.02	0.900	70.82	159.48	559.56	558.91		
12/27/99 19:15	1016.75	30.02	0.899	71.08	159.95	559.37			
12/27/99 19:30	1017.00	30.03	0.899	68.99	156.19	557.60			
12/27/99 19:45	1017.13	30.04	0.903	69.78	157.60	559.57			
12/27/99 20:00	1017.25	30.04	0.903	71.60	160.89	560.83	559.97		
12/27/99 20:15	1017.38	30.04	0.906	71.87	161.36	561.98			
12/27/99 20:30	1017.38	30.04	0.904	70.04	158.07	559.90			
12/27/99 20:45	1017.38	30.04	0.902	68.73	155.71	558.27			
12/27/99 21:00	1017.50	30.05	0.908	71.34	160.42	562.29	559.66		
12/27/99 21:15	1017.50	30.05	0.903	68.47	155.24	558.40			
12/27/99 21:30	1017.63	30.05	0.903	70.04	158.07	559.46			
12/27/99 21:45	1017.50	30.05	0.907	71.87	161.36	562.34			
12/27/99 22:00	1017.38	30.04	0.904	72.13	161.83	561.82	560.63		
12/27/99 22:15	1017.36	30.04	0.900	69.78	157.60	556.54			
12/27/99 22:30	1017.13	30.04	0.906	70.56	159.01	560.98			
12/27/99 22:45	1017.25	30.04	0.905	71.08	159.95	561.19			
12/27/99 23:00	1017.38	30.04	0.906	71.87	161.36	561.98	561.42		
12/27/99 23:15	1017.13	30.04	0.908	70.56	159.01	561.57			
12/27/99 23:30	1017.00	30.03	0.906	70.82	159.48	561.41			
12/27/99 23:45	1016.75	30.02	0.906	71.60	160.89	562.12			
12/28/99 0:00	1016.88	30.03	0.904	71.34	160.42	561.10	561.39		
12/28/99 0:15	1016.88	30.03	0.906	69.25	156.66	559.98			
12/28/99 0:30	1016.75	30.02	0.906	71.87	161.36	562.33			
12/28/99 0:45	1016.38	30.01	0.904	71.87	161.38	561.88			
12/28/99 1:00	1016.00	30.00	0.902	71.08	159.95	560.57	561.50		
12/28/99 1:15	1015.88	30.00	0.906	71.60	160.89	562.16			
12/28/99 1:30	1015.75	30.00	0.904	70.04	158.07	560.56			
12/28/99 1:45	1015.63	29.99	0.909	71.87	161.38	563.84			
12/28/99 2:00	1015.50	29.99	0.906	71.60	160.89	562.47	561.64		
12/28/99 2:15	1015.38	29.98	0.903	70.56	159.01	560.50			
12/28/99 2:30	1015.00	29.97	0.904	71.87	161.36	562.04			
12/28/99 2:45	1014.63	29.96	0.900	69.78	157.60	559.29			
12/28/99 3:00	1014.75	29.97	0.904	70.56	159.01	561.05	560.61		
12/28/99 3:15	1014.88	29.97	0.896	70.04	158.07	558.25			
12/28/99 3:30	1014.38	29.95	0.904	71.87	161.36	562.43			
12/28/99 3:45	1014.00	29.94	0.901	71.87	161.36	561.35			
12/28/99 4:00	1013.88	29.94	0.896	70.82	159.48	559.17	560.54		
12/28/99 4:15	1013.63	29.93	0.896	71.87	161.36	559.90			
12/28/99 4:30	1013.13	29.92	0.895	71.87	161.36	559.85			
12/28/99 4:45	1012.75	29.91	0.891	71.87	161.36	558.78			
12/28/99 5:00	1012.88	29.91	0.890	70.56	159.01	557.29	558.72		
12/28/99 5:15	1012.63	29.90	0.893	71.60	160.89	559.18			
12/28/99 5:30	1012.25	29.89	0.889	72.39	162.30	558.54			
12/28/99 5:45	1012.13	29.89	0.888	72.13	161.83	557.57			
12/28/99 6:00	1012.13	29.89	0.888	72.39	162.30	557.60	557.95		
12/28/99 6:15	1012.00	29.88	0.891	72.39	162.30	559.39			
12/28/99 6:30	1011.75	29.88	0.885	71.34	160.42	556.67			
12/28/99 6:45	1011.50	29.87	0.881	71.60	160.89	555.56			
12/28/99 7:00	1011.25	29.88	0.884	71.34	160.42	556.82	556.61		
12/28/99 7:15	1011.00	29.85	0.886	72.85	162.77	558.12			
12/28/99 7:30	1011.13	29.88	0.882	71.60	160.89	556.07			
12/28/99 7:45	1010.88	29.85	0.885	71.87	161.36	557.33			
12/28/99 8:00	1010.38	29.84	0.883	72.39	162.30	557.10	556.84		
12/28/99 8:15	1009.75	29.82	0.881	71.60	160.89	556.04			
12/28/99 8:30	1009.13	29.80	0.883	72.85	162.77	557.66			
12/28/99 8:45	1008.50	29.78	0.879	72.91	163.24	556.64			
12/28/99 9:00	1007.88	29.76	0.881	72.13	161.83	556.98	556.78		
12/28/99 9:15	1007.38	29.75	0.879	71.87	161.36	556.53			
12/28/99 9:30	1006.88	29.73	0.874	72.91	163.24	555.92			
12/28/99 9:45	1007.00	29.74	0.877	72.91	163.24	556.68			
12/28/99 10:00	1006.63	29.73	0.874	70.56	159.01	554.10	556.06		
12/28/99 10:15	1005.88	29.70	0.878	72.39	162.30	556.76			
12/28/99 10:30	1005.75	29.70	0.876	73.17	163.71	556.82			
12/28/99 10:45	1005.38	29.69	0.871	72.85	162.77	555.11			
12/28/99 11:00	1005.50	29.69	0.868	71.34	160.42	553.04	555.15		
12/28/99 11:15	1005.38	29.69	0.873	71.87	161.36	554.89			
12/28/99 11:30	1004.88	29.67	0.873	72.91	163.24	555.87			
12/28/99 11:45	1004.38	29.66	0.871	72.39	162.30	555.17			
12/28/99 12:00	1003.88	29.64	0.869	73.17	163.71	555.37	555.22		
12/28/99 12:15	1003.63	29.64	0.871	73.17	163.71	556.01			
12/28/99 12:30	1003.50	29.63	0.864	72.91	163.24	553.66			
12/28/99 12:45	1003.25	29.63	0.869	73.43	164.16	555.53			
12/28/99 13:00	1003.25	29.63	0.868	73.43	164.18	555.14	554.57		
12/28/99 13:15	1003.13	29.62	0.868	73.17	163.71	554.97			
12/28/99 13:30	1003.00	29.62	0.864	72.91	163.24	553.58			
12/28/99 13:45	1003.00	29.62	0.867	72.85	162.77	554.39			
12/28/99 14:00	1003.00	29.62	0.868	73.43	164.18	555.21	554.41		
12/28/99 14:15	1003.00	29.62	0.864	73.70	164.65	554.43			
12/28/99 14:30	1002.88	29.61	0.866	73.17	163.71	554.43			
12/28/99 14:45	1002.88	29.61	0.864	72.39	162.30	553.19			
12/28/99 15:00	1003.13	29.62	0.868	72.85	162.77	554.55	553.99		
12/28/99 15:15	1003.25	29.63	0.866	72.13	161.83	553.49			
12/28/99 15:30	1003.38	29.63	0.867	72.85	162.77	554.29			
12/28/99 15:45	1003.50	29.63	0.866	72.39	162.30	553.82			
12/28/99 16:00	1003.63	29.64	0.861	70.30	158.54	550.32	553.19		
12/28/99 16:15	1003.75	29.64	0.864	71.60	160.89	552.55			
12/28/99 16:30	1003.88	29.64	0.867	73.70	164.65	554.99			
12/28/99 16:45	1004.13	29.65	0.868	73.17	163.71	554.88			
12/28/99 17:00	1004.38	29.66	0.887	70.56	159.01	552.34	552.59		
12/28/99 17:15	1004.63	29.67	0.864	69.51	157.13	550.41			
12/28/99 17:30	1004.88	29.67	0.865	68.99	156.19	550.33			
12/28/99 17:45	1005.25	29.69	0.862	68.73	155.71	549.03			
12/28/99 18:00	1005.50	29.69	0.864	68.73	155.71	549.54	549.37		
12/28/99 18:15	1005.75	29.70	0.863	68.73	155.71	549.26			
12/28/99 18:30	1005.88	29.70	0.862	68.47	155.24	548.65			
12/28/99 18:45	1006.13	29.71	0.864	68.47	155.24	549.16			
12/28/99 19:00	1006.38	29.72	0.868	68.47	155.24	550.49	550.32		
12/28/99 19:15	1006.63	29.73	0.873	68.21	154.77	551.79			
12/28/99 19:30	1006.88	29.73	0.873	68.21	154.77	551.53			
12/28/99 19:45	1007.25	29.74	0.878	68.21	154.77	552.41			
12/28/99 20:00	1007.38	29.75	0.874	68.21	154.77	552.00	552.32		
12/28/99 20:15	1007.63	29.76	0.878	68.21	154.77	552.31			
12/28/99 20:30	1008.13	29.77	0.879	68.21	154.77	553.37			
12/28/99 20:45	1008.38	29.78	0.879	68.47	155.24	553.51			
12/28/99 21:00	1008.25	29.77	0.877	67.95	154.30	552.33	554.45		
12/28/99 21:15	1008.50	29.78	0.880	68.21	154.77	553.45			
12/28/99 21:30	1008.63	29.76	0.888	72.91	163.24	559.58			
12/28/99 21:45	1008.75	29.79	0.885	73.17	163.71	558.97			
12/28/99 22:00	1009.00	29.80	0.882	72.13	161.83	557.08	558.23		
12/28/99 22:15	1009.13	29.80	0.883	72.13	161.83	557.24			

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/28/99 22:30	1009.00	29.80	0.885	72.39	162.30	558.27			
12/28/99 22:45	1009.38	29.81	0.885	72.13	161.83	557.95			
12/28/99 23:00	1009.50	29.81	0.886	72.13	161.83	558.11	557.79		
12/28/99 23:15	1009.50	29.81	0.884	71.87	161.36	557.52			
12/28/99 23:30	1009.63	29.81	0.883	72.13	161.83	557.10			
12/28/99 23:45	1009.75	29.82	0.885	72.13	161.83	557.85			
12/29/99 0:00	1010.13	29.83	0.883	71.60	160.89	556.54	556.61		
12/29/99 0:15	1010.13	29.83	0.883	71.34	160.42	556.52			
12/29/99 0:30	1010.25	29.83	0.882	70.04	158.07	555.05			
12/29/99 0:45	1010.25	29.83	0.881	69.51	157.13	554.41			
12/29/99 1:00	1010.50	29.84	0.880	69.51	157.13	553.96	554.17		
12/29/99 1:15	1010.50	29.84	0.881	68.99	156.19	553.73			
12/29/99 1:30	1010.50	29.84	0.881	68.99	156.19	553.73			
12/29/99 1:45	1010.75	29.85	0.884	68.73	155.71	554.42			
12/29/99 2:00	1010.88	29.85	0.884	68.99	156.19	554.82	555.83		
12/29/99 2:15	1011.25	29.88	0.886	71.87	161.36	557.42			
12/29/99 2:30	1011.50	29.87	0.889	72.13	161.83	558.75			
12/29/99 2:45	1011.75	29.88	0.889	70.30	158.54	556.98			
12/29/99 3:00	1012.00	29.88	0.887	71.08	159.95	556.98	557.53		
12/29/99 3:15	1012.00	29.88	0.887	72.13	161.83	557.83			
12/29/99 3:30	1012.13	29.89	0.889	70.56	159.01	557.09			
12/29/99 3:45	1012.13	29.89	0.889	71.87	161.36	558.37			
12/29/99 4:00	1012.25	29.89	0.888	71.34	160.42	557.32	557.28		
12/29/99 4:15	1012.13	29.89	0.884	70.56	159.01	555.74			
12/29/99 4:30	1012.25	29.89	0.889	71.60	160.89	557.90			
12/29/99 4:45	1012.38	29.90	0.885	71.60	160.89	556.71			
12/29/99 5:00	1012.50	29.90	0.888	72.65	162.77	558.30	556.63		
12/29/99 5:15	1012.75	29.91	0.885	70.56	159.01	555.78			
12/29/99 5:30	1012.88	29.91	0.884	69.51	157.13	554.47			
12/29/99 5:45	1013.00	29.91	0.883	68.99	156.19	553.84			
12/29/99 6:00	1013.25	29.92	0.879	68.47	155.24	552.18	554.57		
12/29/99 6:15	1013.25	29.92	0.888	70.82	159.48	556.02			
12/29/99 6:30	1013.38	29.92	0.888	70.56	159.01	556.56			
12/29/99 6:45	1013.75	29.94	0.885	70.04	158.07	555.06			
12/29/99 7:00	1013.88	29.94	0.894	72.91	163.24	560.08	557.83		
12/29/99 7:15	1014.13	29.95	0.891	72.91	163.24	559.23			
12/29/99 7:30	1014.13	29.95	0.889	72.39	162.30	558.24			
12/29/99 7:45	1014.25	29.95	0.888	70.30	158.54	555.92			
12/29/99 8:00	1014.50	29.96	0.886	69.78	157.60	555.02	557.03		
12/29/99 8:15	1014.63	29.96	0.891	71.08	159.95	557.81			
12/29/99 8:30	1015.25	29.98	0.889	72.91	163.24	558.35			
12/29/99 8:45	1015.50	29.99	0.893	72.65	162.77	559.04			
12/29/99 9:00	1015.38	29.98	0.888	72.13	161.83	557.09	556.94		
12/29/99 9:15	1015.13	29.98	0.884	70.30	158.54	554.49			
12/29/99 9:30	1015.25	29.98	0.885	71.34	160.42	555.71			
12/29/99 9:45	1015.00	29.97	0.885	72.39	162.30	556.62			
12/29/99 10:00	1015.13	29.98	0.889	73.17	163.71	558.60	556.95		
12/29/99 10:15	1015.13	29.98	0.887	72.65	162.77	557.39			
12/29/99 10:30	1014.88	29.97	0.888	71.87	161.36	556.42			
12/29/99 10:45	1014.75	29.97	0.884	71.34	160.42	555.66			
12/29/99 11:00	1014.75	29.97	0.883	71.34	160.42	555.06	555.88		
12/29/99 11:15	1014.38	29.95	0.882	71.60	160.89	555.18			
12/29/99 11:30	1013.88	29.94	0.884	71.87	161.36	556.10			
12/29/99 11:45	1013.75	29.94	0.881	71.87	161.36	555.15			
12/29/99 12:00	1013.50	29.93	0.882	71.87	161.36	555.63	555.47		
12/29/99 12:15	1013.38	29.92	0.879	72.13	161.83	555.09			
12/29/99 12:30	1013.00	29.91	0.879	72.39	162.30	555.40			
12/29/99 12:45	1013.00	29.91	0.882	72.65	162.77	556.40			
12/29/99 13:00	1012.75	29.91	0.881	72.65	162.77	556.25	556.10		
12/29/99 13:15	1012.75	29.91	0.880	72.91	163.24	556.08			
12/29/99 13:30	1012.50	29.90	0.880	73.17	163.71	556.36			
12/29/99 13:45	1012.25	29.89	0.881	73.17	163.71	556.60			
12/29/99 14:00	1012.00	29.88	0.884	73.43	164.18	557.87	557.29		
12/29/99 14:15	1011.75	29.88	0.884	73.43	164.18	557.94			
12/29/99 14:30	1011.38	29.87	0.882	73.43	164.18	557.48			
12/29/99 14:45	1011.25	29.86	0.881	73.70	164.65	557.50			
12/29/99 15:00	1011.38	29.87	0.880	73.43	164.18	556.88	557.34		
12/29/99 15:15	1011.50	29.87	0.881	73.43	164.18	557.22			
12/29/99 15:30	1011.50	29.87	0.883	73.43	164.18	557.63			
12/29/99 15:45	1011.25	29.86	0.879	73.17	163.71	556.29			
12/29/99 16:00	1011.25	29.86	0.879	73.17	163.71	556.51	556.53		
12/29/99 16:15	1011.13	29.86	0.878	73.17	163.71	556.13			
12/29/99 16:30	1011.25	29.86	0.878	73.17	163.71	556.10			
12/29/99 16:45	1011.13	29.86	0.879	73.17	163.71	556.32			
12/29/99 17:00	1011.00	29.85	0.879	72.91	163.24	556.37	555.97		
12/29/99 17:15	1010.88	29.85	0.879	72.65	162.77	555.97			
12/29/99 17:30	1011.25	29.86	0.877	72.39	162.30	555.09			
12/29/99 17:45	1011.25	29.86	0.878	72.13	161.83	555.07			
12/29/99 18:00	1011.00	29.85	0.874	71.87	161.36	553.95	554.70		
12/29/99 18:15	1010.75	29.85	0.877	71.87	161.36	554.81			
12/29/99 18:30	1010.75	29.85	0.876	71.87	161.36	554.59			
12/29/99 18:45	1010.63	29.84	0.877	71.87	161.36	554.84			
12/29/99 19:00	1010.50	29.84	0.875	71.87	161.36	554.28	554.34		
12/29/99 19:15	1010.38	29.84	0.874	71.87	161.36	553.90			
12/29/99 19:30	1010.50	29.84	0.874	71.87	161.36	554.06			
12/29/99 19:45	1010.25	29.83	0.874	71.87	161.36	553.93			
12/29/99 20:00	1010.13	29.83	0.874	71.87	161.36	553.97	554.00		
12/29/99 20:15	1010.00	29.83	0.873	71.87	161.36	553.82			
12/29/99 20:30	1010.00	29.83	0.878	71.60	160.89	554.39			
12/29/99 20:45	1010.00	29.83	0.873	71.87	161.36	553.81			
12/29/99 21:00	1009.75	29.82	0.875	71.60	160.89	554.27	553.93		
12/29/99 21:15	1009.75	29.82	0.871	71.60	160.89	553.07			
12/29/99 21:30	1009.63	29.81	0.874	71.60	160.89	554.12			
12/29/99 21:45	1009.50	29.81	0.869	71.87	161.36	552.77			
12/29/99 22:00	1009.50	29.81	0.871	71.60	160.89	553.13	554.05		
12/29/99 22:15	1009.50	29.81	0.874	73.43	164.18	555.39			
12/29/99 22:30	1009.38	29.81	0.872	73.43	164.18	554.88			
12/29/99 22:45	1009.38	29.81	0.873	72.39	162.30	554.21			
12/29/99 23:00	1009.38	29.81	0.873	72.13	161.83	554.19	554.21		
12/29/99 23:15	1009.38	29.81	0.889	72.13	161.83	553.02			
12/29/99 23:30	1009.50	29.81	0.874	72.39	162.30	554.78			
12/29/99 23:45	1009.63	29.81	0.874	72.13	161.83	554.31			
12/30/99 0:00	1009.63	29.81	0.871	72.13	161.83	553.52	553.74		
12/30/99 0:15	1009.63	29.81	0.870	71.87	161.36	552.93			
12/30/99 0:30	1009.50	29.81	0.871	71.87	161.36	553.15			
12/30/99 0:45	1009.25	29.80	0.871	71.87	161.36	553.41			
12/30/99 1:00	1009.38	29.81	0.872	72.13	161.83	553.81	553.58		
12/30/99 1:15	1009.25	29.80	0.871	72.13	161.83	553.62			
12/30/99 1:30	1009.00	29.80	0.872	72.13	161.83	553.91			
12/30/99 1:45	1009.00	29.80	0.873	72.39	162.30	554.50			
12/30/99 2:00	1009.00	29.80	0.872	72.65	162.77	554.33	554.17		
12/30/99 2:15	1009.13	29.80	0.871	72.65	162.77	554.07			
12/30/99 2:30	1009.25	29.80	0.871	72.65	162.77	554.04			
12/30/99 2:45	1009.38	29.81	0.874	72.65	162.77	555.02			
12/30/99 3:00	1009.38	29.81	0.877	72.39	162.30	555.61	555.36		
12/30/99 3:15	1009.38	29.81	0.881	71.87	161.36	556.55			
12/30/99 3:30	1009.38	29.81	0.878	71.87	161.36	555.57			
12/30/99 3:45	1009.50	29.81	0.882	71.87	161.36	556.73			
12/30/99 4:00	1009.50	29.81	0.879	71.87	161.36	555.72	555.77		

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/30/99 4:15	1009.13	29.80	0.878	71.87	161.36	555.03			
12/30/99 4:30	1009.25	29.80	0.879	71.87	161.36	555.79			
12/30/99 4:45	1009.25	29.80	0.879	71.87	161.36	556.01			
12/30/99 5:00	1009.38	29.81	0.880	71.87	161.36	556.17	555.88		
12/30/99 5:15	1009.50	29.81	0.878	71.87	161.36	555.53			
12/30/99 5:30	1009.50	29.81	0.880	71.60	160.89	555.92			
12/30/99 5:45	1009.63	29.81	0.880	71.60	160.89	555.89			
12/30/99 6:00	1009.75	29.82	0.879	71.34	160.42	555.23	556.46		
12/30/99 6:15	1010.00	29.83	0.878	72.91	163.24	556.23			
12/30/99 6:30	1010.13	29.83	0.885	73.70	164.65	559.01			
12/30/99 6:45	1010.38	29.84	0.882	72.65	162.77	557.12			
12/30/99 7:00	1010.25	29.83	0.884	73.43	164.18	558.36	557.61		
12/30/99 7:15	1010.38	29.84	0.881	72.65	162.77	556.90			
12/30/99 7:30	1010.50	29.84	0.882	72.13	161.83	556.87			
12/30/99 7:45	1010.63	29.84	0.881	71.87	161.36	556.01			
12/30/99 8:00	1010.63	29.84	0.884	71.87	161.36	556.99	556.47		
12/30/99 8:15	1010.75	29.85	0.882	71.87	161.36	556.39			
12/30/99 8:30	1011.00	29.85	0.881	72.13	161.83	556.31			
12/30/99 8:45	1011.13	29.86	0.881	72.39	162.30	556.48			
12/30/99 9:00	1011.13	29.86	0.884	72.65	162.77	557.70	557.11		
12/30/99 9:15	1011.38	29.87	0.882	72.65	162.77	556.85			
12/30/99 9:30	1011.50	29.87	0.886	72.91	163.24	558.19			
12/30/99 9:45	1011.63	29.87	0.883	73.17	163.71	557.39			
12/30/99 10:00	1011.88	29.88	0.885	73.17	163.71	558.11	558.55		
12/30/99 10:15	1012.00	29.88	0.888	73.70	164.65	559.47			
12/30/99 10:30	1012.25	29.89	0.889	73.70	164.65	559.59			
12/30/99 10:45	1012.13	29.89	0.891	73.96	165.12	560.43			
12/30/99 11:00	1012.25	29.89	0.889	74.48	166.06	560.22	560.05		
12/30/99 11:15	1012.38	29.90	0.888	74.48	166.06	559.81			
12/30/99 11:30	1012.38	29.90	0.888	74.74	166.53	560.21			
12/30/99 11:45	1012.13	29.89	0.891	74.74	166.53	561.07			
12/30/99 12:00	1011.88	29.88	0.886	75.26	167.47	559.98	560.75		
12/30/99 12:15	1011.38	29.87	0.888	75.52	167.94	561.12			
12/30/99 12:30	1011.25	29.88	0.888	75.79	166.41	561.36			
12/30/99 12:45	1011.13	29.88	0.887	76.31	169.35	561.44			
12/30/99 13:00	1011.25	29.88	0.888	76.31	169.35	561.59	561.58		
12/30/99 13:15	1011.25	29.86	0.889	76.31	169.35	561.97			
12/30/99 13:30	1011.38	29.87	0.888	76.31	169.35	561.56			
12/30/99 13:45	1011.13	29.86	0.884	76.31	169.35	560.84			
12/30/99 14:00	1011.13	29.86	0.889	76.31	169.35	562.23	561.71		
12/30/99 14:15	1011.25	29.86	0.887	76.57	169.82	561.61			
12/30/99 14:30	1011.63	29.87	0.890	76.57	169.82	562.49			
12/30/99 14:45	1011.50	29.87	0.890	76.57	169.82	562.52			
12/30/99 15:00	1011.50	29.87	0.888	76.57	169.82	561.73	562.10		
12/30/99 15:15	1011.38	29.87	0.891	76.57	169.82	562.75			
12/30/99 15:30	1011.13	29.86	0.888	76.31	169.35	561.03			
12/30/99 15:45	1011.38	29.87	0.888	76.31	169.35	561.75			
12/30/99 16:00	1011.50	29.87	0.887	76.31	169.35	561.33	560.99		
12/30/99 16:15	1011.63	29.87	0.886	75.79	168.41	561.26			
12/30/99 16:30	1012.00	29.88	0.883	75.79	168.41	559.57			
12/30/99 16:45	1012.25	29.89	0.888	75.52	167.94	560.27			
12/30/99 17:00	1012.00	29.88	0.888	75.26	167.47	560.73	559.90		
12/30/99 17:15	1012.13	29.89	0.885	75.00	167.00	559.51			
12/30/99 17:30	1012.50	29.90	0.885	75.00	167.00	559.41			
12/30/99 17:45	1012.63	29.90	0.884	74.74	166.53	558.75			
12/30/99 18:00	1012.50	29.90	0.883	74.48	166.06	558.20	558.48		
12/30/99 18:15	1012.63	29.90	0.883	74.48	166.06	558.35			
12/30/99 18:30	1012.88	29.91	0.883	73.96	165.12	557.87			
12/30/99 18:45	1013.00	29.91	0.885	73.70	164.65	558.22			
12/30/99 19:00	1013.13	29.92	0.884	73.43	164.18	557.56	557.92		
12/30/99 19:15	1013.38	29.92	0.886	73.43	164.18	558.89			
12/30/99 19:30	1013.50	29.93	0.884	73.43	164.18	557.46			
12/30/99 19:45	1013.75	29.94	0.880	73.17	163.71	556.01			
12/30/99 20:00	1013.88	29.94	0.881	73.43	164.18	556.57	556.93		
12/30/99 20:15	1014.00	29.94	0.884	73.70	164.65	557.53			
12/30/99 20:30	1014.25	29.95	0.883	73.70	164.65	557.09			
12/30/99 20:45	1014.38	29.95	0.883	73.70	164.65	557.24			
12/30/99 21:00	1014.38	29.95	0.883	73.43	164.18	556.84	557.08		
12/30/99 21:15	1014.38	29.95	0.886	73.17	163.71	557.80			
12/30/99 21:30	1014.38	29.95	0.882	73.17	163.71	556.44			
12/30/99 21:45	1014.63	29.96	0.882	72.91	163.24	556.18			
12/30/99 22:00	1014.63	29.96	0.883	72.91	163.24	556.54	556.33		
12/30/99 22:15	1015.00	29.97	0.882	72.65	162.77	555.85			
12/30/99 22:30	1014.88	29.97	0.884	72.65	162.77	556.67			
12/30/99 22:45	1015.00	29.97	0.881	72.65	162.77	555.44			
12/30/99 23:00	1015.38	29.98	0.881	72.13	161.83	555.11	555.72		
12/30/99 23:15	1015.50	29.99	0.882	72.13	161.83	555.29			
12/30/99 23:30	1015.50	29.99	0.884	72.13	161.83	556.08			
12/30/99 23:45	1015.63	29.99	0.883	72.91	163.24	556.27			
12/31/99 0:00	1015.63	29.99	0.882	71.87	161.38	555.05	555.28		
12/31/99 0:15	1015.75	30.00	0.881	71.60	160.89	554.59			
12/31/99 0:30	1015.75	30.00	0.881	71.60	160.89	554.40			
12/31/99 0:45	1015.88	30.00	0.881	71.60	160.89	554.55			
12/31/99 1:00	1015.88	30.00	0.882	71.87	161.36	554.98	554.73		
12/31/99 1:15	1015.75	30.00	0.884	71.60	160.89	555.59			
12/31/99 1:30	1016.00	30.00	0.880	71.60	160.89	554.14			
12/31/99 1:45	1016.00	30.00	0.881	71.34	160.42	554.31			
12/31/99 2:00	1016.38	30.01	0.883	71.34	160.42	554.81	554.51		
12/31/99 2:15	1016.50	30.02	0.881	71.34	160.42	554.17			
12/31/99 2:30	1016.75	30.02	0.884	71.60	160.89	555.32			
12/31/99 2:45	1017.00	30.03	0.881	71.60	160.89	554.25			
12/31/99 3:00	1017.13	30.04	0.888	71.60	160.89	556.19	554.97		
12/31/99 3:15	1017.13	30.04	0.883	71.34	160.42	554.60			
12/31/99 3:30	1017.38	30.04	0.884	71.08	159.95	554.51			
12/31/99 3:45	1017.38	30.04	0.883	70.56	159.01	553.90			
12/31/99 4:00	1017.38	30.04	0.883	71.08	159.95	554.13	555.02		
12/31/99 4:15	1017.25	30.04	0.886	73.17	163.71	557.01			
12/31/99 4:30	1017.50	30.05	0.883	72.65	162.77	555.55			
12/31/99 4:45	1017.63	30.05	0.883	72.13	161.83	555.09			
12/31/99 5:00	1017.75	30.05	0.881	70.56	159.01	553.01	555.34		
12/31/99 5:15	1017.88	30.06	0.886	72.13	161.83	556.00			
12/31/99 5:30	1018.00	30.06	0.886	73.70	164.65	557.03			
12/31/99 5:45	1018.25	30.07	0.886	71.34	160.42	555.08			
12/31/99 6:00	1018.50	30.08	0.884	72.91	163.24	555.89	555.84		
12/31/99 6:15	1018.75	30.08	0.883	71.60	160.89	554.18			
12/31/99 6:30	1019.25	30.10	0.888	72.13	161.83	556.03			
12/31/99 6:45	1019.25	30.10	0.886	72.13	161.83	555.82			
12/31/99 7:00	1019.38	30.10	0.886	71.34	160.42	554.77	555.89		
12/31/99 7:15	1019.38	30.10	0.887	72.91	163.24	556.44			
12/31/99 7:30	1019.63	30.11	0.887	73.17	163.71	556.58			
12/31/99 7:45	1019.63	30.11	0.889	73.17	163.71	557.14			
12/31/99 8:00	1019.75	30.11	0.886	72.91	163.24	555.93	555.75		
12/31/99 8:15	1019.88	30.12	0.881	71.08	159.95	552.86			
12/31/99 8:30	1020.00	30.12	0.886	72.65	162.77	556.24			
12/31/99 8:45	1020.00	30.12	0.889	73.43	164.18	557.25			
12/31/99 9:00	1020.25	30.13	0.888	72.65	162.77	556.36	558.09		
12/31/99 9:15	1020.38	30.13	0.883	71.87	161.36	553.95			
12/31/99 9:30	1020.75	30.14	0.889	72.91	163.24	556.83			
12/31/99 9:45	1020.88	30.15	0.887	72.65	162.77	555.82			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
12/31/99 10:00	1020.88	30.15	0.886	73.43	164.18	556.04	556.04		
12/31/99 10:15	1021.00	30.15	0.887	72.85	162.77	555.78			
12/31/99 10:30	1021.13	30.15	0.888	73.17	163.71	555.95			
12/31/99 10:45	1021.13	30.15	0.886	71.87	161.36	554.90			
12/31/99 11:00	1021.13	30.15	0.884	72.13	161.83	554.55	555.10		
12/31/99 11:15	1021.00	30.15	0.888	72.65	162.77	555.97			
12/31/99 11:30	1021.00	30.15	0.884	71.87	161.36	554.15			
12/31/99 11:45	1020.88	30.15	0.869	71.87	161.36	555.75			
12/31/99 12:00	1020.63	30.14	0.884	72.13	161.83	554.88	555.16		
12/31/99 12:15	1020.38	30.13	0.886	72.91	163.24	555.76			
12/31/99 12:30	1020.25	30.13	0.883	73.70	164.65	555.45			
12/31/99 12:45	1020.25	30.13	0.888	74.48	166.06	557.83			
12/31/99 13:00	1020.13	30.12	0.885	75.26	167.47	557.52	557.66		
12/31/99 13:15	1020.13	30.12	0.886	75.79	168.41	558.32			
12/31/99 13:30	1020.00	30.12	0.888	76.31	169.35	559.18			
12/31/99 13:45	1020.00	30.12	0.886	76.83	170.30	559.19			
12/31/99 14:00	1020.00	30.12	0.886	77.35	171.24	559.41	559.61		
12/31/99 14:15	1020.00	30.12	0.886	77.61	171.71	559.81			
12/31/99 14:30	1020.00	30.12	0.887	78.14	172.65	560.45			
12/31/99 14:45	1020.00	30.12	0.883	78.40	173.12	559.45			
12/31/99 15:00	1020.00	30.12	0.888	78.40	173.12	560.85	560.58		
12/31/99 15:15	1019.88	30.12	0.888	78.40	173.12	561.07			
12/31/99 15:30	1019.88	30.12	0.888	78.40	173.12	561.07			
12/31/99 15:45	1020.00	30.12	0.888	78.40	173.12	560.85			
12/31/99 16:00	1020.13	30.12	0.883	78.14	172.65	559.21	559.73		
12/31/99 16:15	1020.25	30.13	0.884	77.88	172.18	559.38			
12/31/99 16:30	1020.25	30.13	0.881	77.81	171.71	558.16			
12/31/99 16:45	1020.50	30.14	0.886	77.09	170.77	559.26			
12/31/99 17:00	1020.75	30.14	0.886	76.05	168.88	558.35	557.40		
12/31/99 17:15	1020.88	30.15	0.882	75.00	167.00	556.13			
12/31/99 17:30	1020.88	30.15	0.881	74.22	165.59	555.09			
12/31/99 17:45	1020.88	30.15	0.883	73.43	164.18	555.07			
12/31/99 18:00	1021.00	30.15	0.883	72.91	163.24	554.61	554.49		
12/31/99 18:15	1021.13	30.15	0.883	72.39	162.30	554.16			
12/31/99 18:30	1021.25	30.16	0.883	71.60	160.89	553.50			
12/31/99 18:45	1021.25	30.16	0.864	72.65	162.77	554.71			
12/31/99 19:00	1021.38	30.16	0.878	71.60	160.89	552.08	552.86		
12/31/99 19:15	1021.50	30.16	0.883	70.82	159.48	552.80			
12/31/99 19:30	1021.50	30.16	0.878	70.56	159.01	551.21			
12/31/99 19:45	1021.63	30.17	0.885	70.04	158.07	552.92			
12/31/99 20:00	1021.63	30.17	0.880	70.04	158.07	551.36	551.47		
12/31/99 20:15	1021.63	30.17	0.880	69.78	157.60	551.15			
12/31/99 20:30	1021.63	30.17	0.879	69.78	157.60	550.74			
12/31/99 20:45	1021.50	30.18	0.880	69.51	157.13	550.97			
12/31/99 21:00	1021.50	30.16	0.881	88.99	156.19	550.92	551.66		
12/31/99 21:15	1021.38	30.16	0.880	88.99	156.19	550.58			
12/31/99 21:30	1021.38	30.16	0.884	72.91	163.24	555.11			
12/31/99 21:45	1021.13	30.15	0.883	72.91	163.24	554.77			
12/31/99 22:00	1021.13	30.15	0.886	73.70	164.65	556.18	555.06		
12/31/99 22:15	1020.88	30.15	0.882	73.17	163.71	554.67			
12/31/99 22:30	1021.00	30.15	0.883	72.85	162.77	554.59			
12/31/99 22:45	1020.88	30.15	0.884	72.91	163.24	555.02			
12/31/99 23:00	1021.00	30.15	0.883	72.91	163.24	554.80	554.56		
12/31/99 23:15	1021.00	30.15	0.882	72.13	161.83	553.80			
12/31/99 23:30	1021.00	30.15	0.884	72.13	161.83	554.58			
12/31/99 23:45	1021.00	30.15	0.884	72.13	161.83	554.36			
1/1/00 0:00	1020.88	30.15	0.882	70.56	159.01	552.57	552.50		
1/1/00 0:15	1020.63	30.14	0.878	69.25	156.66	550.21			
1/1/00 0:30	1020.63	30.14	0.881	88.73	155.71	550.76			
1/1/00 0:45	1020.38	30.13	0.879	88.47	155.24	550.24			
1/1/00 1:00	1020.38	30.13	0.880	68.21	154.77	550.22	550.45		
1/1/00 1:15	1020.25	30.13	0.879	68.21	154.77	549.85			
1/1/00 1:30	1020.25	30.13	0.878	70.30	158.54	551.15			
1/1/00 1:45	1020.25	30.13	0.886	74.48	166.06	557.05			
1/1/00 2:00	1020.38	30.13	0.888	73.70	164.65	556.98	554.78		
1/1/00 2:15	1020.38	30.13	0.881	72.91	163.24	554.37			
1/1/00 2:30	1020.50	30.14	0.881	73.17	163.71	554.36			
1/1/00 2:45	1020.38	30.13	0.888	73.17	163.71	556.75			
1/1/00 3:00	1020.50	30.14	0.887	72.39	162.30	555.71	555.53		
1/1/00 3:15	1020.38	30.13	0.885	71.08	159.95	554.10			
1/1/00 3:30	1020.38	30.13	0.889	72.91	163.24	556.73			
1/1/00 3:45	1020.38	30.13	0.889	70.82	159.48	555.05			
1/1/00 4:00	1020.38	30.13	0.881	68.99	156.19	551.23	555.27		
1/1/00 4:15	1020.50	30.14	0.889	71.08	159.95	555.44			
1/1/00 4:30	1020.38	30.13	0.893	72.91	163.24	557.92			
1/1/00 4:45	1020.25	30.13	0.889	72.13	161.83	556.13			
1/1/00 5:00	1020.13	30.12	0.889	71.87	161.36	555.96	556.44		
1/1/00 5:15	1020.13	30.12	0.887	71.34	160.42	554.97			
1/1/00 5:30	1020.13	30.12	0.890	72.91	163.24	557.20			
1/1/00 5:45	1020.13	30.12	0.890	72.85	162.77	556.99			
1/1/00 6:00	1020.25	30.13	0.886	71.87	161.36	554.95	556.17		
1/1/00 6:15	1020.25	30.13	0.888	71.87	161.36	555.73			
1/1/00 6:30	1020.25	30.13	0.886	72.13	161.83	555.94			
1/1/00 6:45	1020.38	30.13	0.884	70.04	158.07	552.85			
1/1/00 7:00	1020.38	30.13	0.892	73.17	163.71	557.94	555.13		
1/1/00 7:15	1020.38	30.13	0.886	71.87	161.36	555.11			
1/1/00 7:30	1020.50	30.14	0.886	70.30	158.54	553.81			
1/1/00 7:45	1020.63	30.14	0.891	72.85	162.77	557.23			
1/1/00 8:00	1020.63	30.14	0.888	71.60	160.89	555.42	555.85		
1/1/00 8:15	1020.75	30.14	0.887	71.87	161.36	555.22			
1/1/00 8:30	1020.88	30.15	0.891	73.17	163.71	557.58			
1/1/00 8:45	1020.75	30.14	0.888	72.39	162.30	556.02			
1/1/00 9:00	1020.75	30.14	0.889	70.30	158.54	554.52	555.81		
1/1/00 9:15	1020.88	30.15	0.891	71.34	160.42	555.92			
1/1/00 9:30	1020.88	30.15	0.887	71.60	160.89	554.98			
1/1/00 9:45	1021.00	30.15	0.889	71.34	160.42	555.30			
1/1/00 10:00	1020.88	30.15	0.893	73.17	163.71	557.99	556.49		
1/1/00 10:15	1020.88	30.15	0.891	72.65	162.77	556.98			
1/1/00 10:30	1020.88	30.15	0.891	72.91	163.24	557.19			
1/1/00 10:45	1020.88	30.15	0.892	73.43	164.18	558.01			
1/1/00 11:00	1020.88	30.15	0.893	73.96	165.12	558.82	558.42		
1/1/00 11:15	1020.75	30.14	0.893	74.74	166.53	559.29			
1/1/00 11:30	1020.50	30.14	0.890	75.26	167.47	558.99			
1/1/00 11:45	1020.13	30.12	0.891	75.79	168.41	559.70			
1/1/00 12:00	1019.75	30.11	0.891	76.31	169.35	560.41	560.12		
1/1/00 12:15	1019.50	30.11	0.891	76.83	170.30	560.71			
1/1/00 12:30	1019.38	30.10	0.889	77.35	171.24	560.78			
1/1/00 12:45	1019.25	30.10	0.893	77.88	172.18	562.40			
1/1/00 13:00	1019.13	30.09	0.889	78.14	172.85	561.48	561.75		
1/1/00 13:15	1019.00	30.09	0.892	78.68	173.59	562.72			
1/1/00 13:30	1018.88	30.09	0.887	78.92	174.06	561.38			
1/1/00 13:45	1018.63	30.08	0.891	79.18	174.53	562.83			
1/1/00 14:00	1018.63	30.08	0.890	79.70	175.47	563.06	562.63		
1/1/00 14:15	1018.38	30.07	0.890	79.70	175.47	563.13			
1/1/00 14:30	1018.38	30.07	0.888	79.97	175.94	562.73			
1/1/00 14:45	1018.13	30.07	0.891	80.23	176.41	563.99			
1/1/00 15:00	1018.00	30.06	0.889	80.23	176.41	563.46	563.11		
1/1/00 15:15	1018.00	30.06	0.889	79.70	175.47	562.82			
1/1/00 15:30	1017.75	30.05	0.886	80.49	176.88	562.53			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/1/00 15:45	1018.00	30.06	0.890	79.97	175.94	563.44			
1/1/00 16:00	1018.00	30.06	0.887	79.97	175.94	562.46	562.81		
1/1/00 16:15	1018.13	30.07	0.888	79.97	175.94	562.61			
1/1/00 16:30	1018.13	30.07	0.889	79.97	175.94	562.99			
1/1/00 16:45	1018.13	30.07	0.888	79.70	175.47	562.40			
1/1/00 17:00	1018.00	30.06	0.886	79.44	175.00	561.83	561.69		
1/1/00 17:15	1018.00	30.06	0.886	78.92	174.06	561.21			
1/1/00 17:30	1018.00	30.06	0.884	78.14	172.65	560.21			
1/1/00 17:45	1018.00	30.06	0.884	77.35	171.24	559.36			
1/1/00 18:00	1017.88	30.06	0.882	76.83	170.30	558.41	558.76		
1/1/00 18:15	1017.88	30.06	0.883	76.31	169.35	558.18			
1/1/00 18:30	1017.75	30.05	0.881	76.31	169.35	557.62			
1/1/00 18:45	1017.88	30.06	0.881	76.05	168.88	557.56			
1/1/00 19:00	1017.88	30.06	0.883	76.05	168.88	557.97	557.77		
1/1/00 19:15	1017.88	30.06	0.883	76.05	168.88	558.16			
1/1/00 19:30	1018.00	30.06	0.881	76.05	168.88	557.53			
1/1/00 19:45	1017.88	30.06	0.881	76.31	169.35	557.58			
1/1/00 20:00	1017.75	30.05	0.881	77.35	171.24	558.64	558.43		
1/1/00 20:15	1017.63	30.05	0.881	77.88	172.18	559.09			
1/1/00 20:30	1017.63	30.05	0.880	78.66	173.59	559.33			
1/1/00 20:45	1017.50	30.05	0.883	78.92	174.06	560.37			
1/1/00 21:00	1017.50	30.05	0.880	78.92	174.06	559.57	559.80		
1/1/00 21:15	1017.50	30.05	0.883	78.92	174.06	560.56			
1/1/00 21:30	1017.38	30.04	0.880	78.40	173.12	559.19			
1/1/00 21:45	1017.25	30.04	0.879	78.40	173.12	559.04			
1/1/00 22:00	1017.38	30.04	0.879	78.14	172.65	558.57	558.70		
1/1/00 22:15	1017.25	30.04	0.877	78.40	173.12	558.24			
1/1/00 22:30	1017.13	30.04	0.878	78.40	173.12	558.47			
1/1/00 22:45	1017.00	30.03	0.881	78.66	173.59	559.88			
1/1/00 23:00	1017.00	30.03	0.877	78.66	173.59	558.52	559.10		
1/1/00 23:15	1016.88	30.03	0.880	78.92	174.06	559.74			
1/1/00 23:30	1017.13	30.04	0.878	78.92	174.06	558.88			
1/1/00 23:45	1017.00	30.03	0.879	78.66	173.59	559.09			
1/2/00 0:00	1017.00	30.03	0.876	78.40	173.12	558.09	558.66		
1/2/00 0:15	1016.75	30.02	0.877	78.66	173.59	558.59			
1/2/00 0:30	1016.50	30.02	0.877	78.66	173.59	558.85			
1/2/00 0:45	1016.25	30.01	0.876	78.66	173.59	558.50			
1/2/00 1:00	1016.00	30.00	0.876	78.92	174.06	558.78	558.41		
1/2/00 1:15	1015.75	30.00	0.873	78.92	174.06	557.85			
1/2/00 1:30	1015.75	30.00	0.874	78.92	174.06	558.27			
1/2/00 1:45	1015.50	29.99	0.879	79.18	174.53	559.92			
1/2/00 2:00	1015.50	29.99	0.878	79.70	175.47	560.14	559.32		
1/2/00 2:15	1015.50	29.99	0.874	79.70	175.47	558.74			
1/2/00 2:30	1015.50	29.99	0.876	79.70	175.47	559.53			
1/2/00 2:45	1015.50	29.99	0.875	79.70	175.47	559.15			
1/2/00 3:00	1015.38	29.98	0.874	79.70	175.47	558.99	559.03		
1/2/00 3:15	1015.25	29.98	0.874	79.70	175.47	559.03			
1/2/00 3:30	1015.13	29.98	0.873	79.70	175.47	558.46			
1/2/00 3:45	1015.00	29.97	0.873	79.70	175.47	558.49			
1/2/00 4:00	1014.75	29.97	0.873	79.70	175.47	558.75	558.44		
1/2/00 4:15	1014.63	29.96	0.873	79.70	175.47	558.59			
1/2/00 4:30	1014.88	29.97	0.871	79.70	175.47	557.92			
1/2/00 4:45	1015.00	29.97	0.875	79.97	175.94	559.50			
1/2/00 5:00	1015.00	29.97	0.873	79.97	175.94	558.70	558.67		
1/2/00 5:15	1014.88	29.97	0.873	80.23	176.41	559.13			
1/2/00 5:30	1014.88	29.97	0.870	80.23	176.41	558.14			
1/2/00 5:45	1014.83	29.96	0.871	80.23	176.41	558.40			
1/2/00 6:00	1014.50	29.96	0.873	80.23	176.41	559.23	558.08		
1/2/00 6:15	1014.50	29.96	0.889	80.23	176.41	558.05			
1/2/00 6:30	1014.83	29.96	0.885	80.23	176.41	556.80			
1/2/00 6:45	1014.50	29.96	0.889	80.23	176.41	557.82			
1/2/00 7:00	1014.13	29.95	0.868	80.23	176.41	557.54	557.59		
1/2/00 7:15	1014.25	29.95	0.889	80.23	176.41	558.12			
1/2/00 7:30	1014.25	29.95	0.889	80.23	176.41	557.89			
1/2/00 7:45	1014.13	29.95	0.885	80.23	176.41	556.74			
1/2/00 8:00	1014.00	29.94	0.886	80.23	176.41	556.96	557.17		
1/2/00 8:15	1013.88	29.94	0.868	80.23	176.41	557.61			
1/2/00 8:30	1013.75	29.94	0.864	80.23	176.41	556.65			
1/2/00 8:45	1013.50	29.93	0.864	80.23	176.41	556.71			
1/2/00 9:00	1013.50	29.93	0.885	80.49	176.88	557.11	557.05		
1/2/00 9:15	1013.25	29.92	0.866	80.75	177.35	557.77			
1/2/00 9:30	1013.13	29.92	0.883	81.27	178.29	557.03			
1/2/00 9:45	1013.25	29.92	0.663	81.27	178.29	557.19			
1/2/00 10:00	1013.13	29.92	0.868	81.53	178.76	559.04	557.64		
1/2/00 10:15	1013.00	29.91	0.665	81.27	178.29	557.87			
1/2/00 10:30	1013.00	29.91	0.862	81.53	178.76	557.07			
1/2/00 10:45	1013.00	29.91	0.862	81.80	179.23	557.26			
1/2/00 11:00	1012.88	29.91	0.864	81.80	179.23	558.12	557.90		
1/2/00 11:15	1012.88	29.91	0.864	82.06	179.70	558.10			
1/2/00 11:30	1012.75	29.91	0.866	82.06	179.70	558.94			
1/2/00 11:45	1012.38	29.90	0.859	82.06	179.70	556.84			
1/2/00 12:00	1012.25	29.89	0.865	82.06	179.70	558.69	557.94		
1/2/00 12:15	1011.75	29.86	0.860	82.32	180.17	557.42			
1/2/00 12:30	1011.75	29.88	0.861	82.32	180.17	557.80			
1/2/00 12:45	1011.75	29.88	0.862	82.32	180.17	558.03			
1/2/00 13:00	1011.75	29.88	0.860	82.32	180.17	557.42	557.63		
1/2/00 13:15	1011.63	29.87	0.860	82.32	180.17	557.45			
1/2/00 13:30	1011.63	29.87	0.860	82.32	180.17	557.45			
1/2/00 13:45	1011.88	29.88	0.859	82.06	179.70	556.98			
1/2/00 14:00	1011.88	29.88	0.860	82.06	179.70	557.18	557.36		
1/2/00 14:15	1011.63	29.87	0.862	82.06	179.70	557.86			
1/2/00 14:30	1011.25	29.86	0.860	82.06	179.70	557.35			
1/2/00 14:45	1011.25	29.86	0.859	82.06	179.70	557.15			
1/2/00 15:00	1011.25	29.86	0.857	82.32	180.17	556.55	557.30		
1/2/00 15:15	1011.38	29.87	0.858	82.32	180.17	556.90			
1/2/00 15:30	1011.25	29.86	0.863	82.58	180.64	558.57			
1/2/00 15:45	1011.25	29.86	0.863	82.84	181.11	558.77			
1/2/00 16:00	1011.63	29.87	0.860	82.64	181.11	557.86	558.30		
1/2/00 16:15	1011.63	29.87	0.861	82.84	181.11	558.05			
1/2/00 16:30	1011.63	29.87	0.861	82.84	181.11	556.25			
1/2/00 16:45	1012.25	29.89	0.859	82.64	181.11	557.27			
1/2/00 17:00	1012.38	29.90	0.861	82.64	181.11	557.65	557.75		
1/2/00 17:15	1012.25	29.89	0.861	82.84	181.11	557.86			
1/2/00 17:30	1012.13	29.89	0.859	82.84	181.11	557.53			
1/2/00 17:45	1012.25	29.89	0.856	82.84	181.11	557.07			
1/2/00 18:00	1012.13	29.89	0.860	82.84	181.11	557.72	557.29		
1/2/00 18:15	1012.13	29.89	0.858	82.64	181.11	557.11			
1/2/00 18:30	1012.38	29.90	0.858	82.64	181.11	557.04			
1/2/00 18:45	1012.38	29.90	0.863	83.10	181.58	558.87			
1/2/00 19:00	1012.25	29.89	0.859	82.64	181.11	557.49	557.55		
1/2/00 19:15	1012.63	29.90	0.856	82.84	181.11	556.35			
1/2/00 19:30	1012.63	29.90	0.862	82.84	181.11	558.20			
1/2/00 19:45	1012.63	29.90	0.860	82.84	181.11	557.56			
1/2/00 20:00	1012.63	29.90	0.863	82.58	180.64	558.19	557.34		
1/2/00 20:15	1011.50	29.87	0.858	82.06	179.70	556.47			
1/2/00 20:30	1011.63	29.87	0.857	82.06	179.70	556.24			
1/2/00 20:45	1012.25	29.89	0.858	82.06	179.70	556.26			
1/2/00 21:00	1012.63	29.90	0.860	82.06	179.70	558.97	556.60		
1/2/00 21:15	1013.25	29.92	0.861	82.06	179.70	556.99			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/2/00 21:30	1013.38	29.92	0.860	81.60	179.23	558.58			
1/2/00 21:45	1013.50	29.93	0.860	81.53	178.76	558.32			
1/2/00 22:00	1013.50	29.93	0.860	81.60	179.23	558.52	558.17		
1/2/00 22:15	1013.75	29.94	0.859	81.27	178.29	555.85			
1/2/00 22:30	1013.88	29.94	0.858	81.53	178.78	555.60			
1/2/00 22:45	1014.00	29.94	0.860	81.01	177.82	555.77			
1/2/00 23:00	1014.00	29.94	0.859	81.27	178.29	555.78	555.62		
1/2/00 23:15	1013.63	29.93	0.857	81.01	177.82	554.87			
1/2/00 23:30	1013.75	29.94	0.859	81.53	178.76	556.06			
1/2/00 23:45	1013.88	29.94	0.858	81.01	177.82	555.00			
1/3/00 0:00	1013.75	29.94	0.861	81.01	177.82	556.04	555.59		
1/3/00 0:15	1013.63	29.93	0.858	81.27	178.29	555.47			
1/3/00 0:30	1013.88	29.94	0.858	81.27	178.29	555.40			
1/3/00 0:45	1013.50	29.93	0.856	81.27	178.29	554.69			
1/3/00 1:00	1013.25	29.92	0.853	81.53	178.76	553.96	554.29		
1/3/00 1:15	1013.38	29.92	0.849	81.53	178.76	552.92			
1/3/00 1:30	1013.50	29.93	0.854	81.27	178.29	554.30			
1/3/00 1:45	1013.38	29.92	0.855	80.75	177.35	554.12			
1/3/00 2:00	1013.75	29.94	0.858	80.75	177.35	554.83	554.39		
1/3/00 2:15	1013.63	29.93	0.856	80.75	177.35	554.44			
1/3/00 2:30	1013.63	29.93	0.856	80.49	176.88	554.24			
1/3/00 2:45	1013.88	29.94	0.881	80.49	176.88	555.59			
1/3/00 3:00	1014.00	29.94	0.863	80.75	177.35	556.38	555.80		
1/3/00 3:15	1014.13	29.95	0.863	80.49	176.88	556.14			
1/3/00 3:30	1014.38	29.95	0.861	80.49	176.88	555.65			
1/3/00 3:45	1013.13	29.92	0.859	80.75	177.35	555.61			
1/3/00 4:00	1013.75	29.94	0.856	81.27	178.29	554.62	555.14		
1/3/00 4:15	1014.25	29.95	0.857	81.53	178.76	555.11			
1/3/00 4:30	1014.13	29.95	0.855	81.53	178.76	554.53			
1/3/00 4:45	1014.38	29.95	0.856	81.80	179.23	555.05			
1/3/00 5:00	1014.63	29.96	0.854	81.80	179.23	554.40	554.52		
1/3/00 5:15	1014.63	29.96	0.856	81.01	177.82	554.16			
1/3/00 5:30	1014.50	29.96	0.856	81.27	178.29	554.42			
1/3/00 5:45	1014.13	29.95	0.858	81.53	178.76	555.53			
1/3/00 6:00	1014.38	29.95	0.861	80.75	177.35	555.85	555.61		
1/3/00 6:15	1014.25	29.95	0.882	81.27	178.29	556.52			
1/3/00 6:30	1014.25	29.95	0.863	81.01	177.82	556.71			
1/3/00 6:45	1015.25	29.98	0.860	81.53	178.76	555.84			
1/3/00 7:00	1015.38	29.98	0.866	80.75	177.35	557.00	555.93		
1/3/00 7:15	1015.00	29.97	0.859	81.01	177.82	555.08			
1/3/00 7:30	1013.75	29.94	0.856	81.53	178.76	555.02			
1/3/00 7:45	1013.88	29.94	0.855	81.01	177.82	554.19			
1/3/00 8:00	1013.88	29.94	0.856	81.01	177.82	554.38	554.98		
1/3/00 8:15	1014.50	29.96	0.857	81.01	177.82	554.63			
1/3/00 8:30	1014.50	29.96	0.863	81.27	178.29	556.65			
1/3/00 8:45	1014.38	29.95	0.856	81.27	178.29	554.65			
1/3/00 9:00	1014.50	29.96	0.853	81.27	178.29	553.41	554.27		
1/3/00 9:15	1014.38	29.95	0.851	81.27	178.29	553.02			
1/3/00 9:30	1014.50	29.96	0.853	81.27	178.29	553.61			
1/3/00 9:45	1014.50	29.96	0.849	81.27	178.29	552.18			
1/3/00 10:00	1014.75	29.97	0.851	81.53	178.76	552.93	553.50		
1/3/00 10:15	1015.00	29.97	0.858	81.53	178.76	554.48			
1/3/00 10:30	1014.88	29.97	0.856	81.01	177.82	554.30			
1/3/00 10:45	1014.50	29.96	0.881	80.75	177.35	555.63			
1/3/00 11:00	1014.63	29.96	0.854	80.75	177.35	553.59	553.95		
1/3/00 11:15	1014.88	29.97	0.854	80.75	177.35	553.29			
1/3/00 11:30	1014.63	29.96	0.851	81.27	178.29	552.96			
1/3/00 11:45	1013.88	29.94	0.841	81.60	179.23	550.11			
1/3/00 12:00	1013.25	29.92	0.829	82.06	179.70	546.57	548.14		
1/3/00 12:15	1012.38	29.90	0.824	82.84	181.11	545.78			
1/3/00 12:30	1011.75	29.88	0.821	83.10	181.58	545.30			
1/3/00 12:45	1011.00	29.85	0.818	83.36	182.05	544.47			
1/3/00 13:00	1010.75	29.85	0.815	83.36	182.05	543.70	544.19		
1/3/00 13:15	1010.13	29.83	0.814	83.62	182.52	543.87			
1/3/00 13:30	1009.50	29.81	0.813	83.62	182.52	543.60			
1/3/00 13:45	1009.38	29.81	0.817	83.62	182.52	544.91			
1/3/00 14:00	1008.63	29.78	0.810	83.89	182.99	543.00	504.17		
1/3/00 14:15	1008.50	29.78	0.789	80.49	176.88	526.49			
1/3/00 14:30	1008.63	29.78	0.374	72.39	162.30	362.84			
1/3/00 14:45	1008.00	29.77	0.929	69.25	156.86	569.57			
1/3/00 15:00	1007.63	29.76	0.509	70.04	158.07	422.39	308.60		
1/3/00 15:15	1007.88	29.76	0.000	56.80	137.84	0.00			
1/3/00 15:30	1007.63	29.76	0.108	47.83	118.09	188.18			
1/3/00 15:45	1007.00	29.74	1.003	62.72	144.90	586.39			
1/3/00 16:00	1006.88	29.73	0.913	73.70	164.65	568.55	497.07		
1/3/00 16:15	1006.63	29.73	0.919	74.74	166.53	571.40			
1/3/00 16:30	1006.75	29.73	0.916	75.26	167.47	570.83			
1/3/00 16:45	1006.63	29.73	0.918	75.79	168.41	571.69			
1/3/00 17:00	1006.63	29.73	0.705	73.70	164.65	499.80	326.50		
1/3/00 17:15	1006.75	29.73	0.000	59.85	139.72	0.00			
1/3/00 17:30	1006.63	29.73	0.000	49.39	120.91	0.00			
1/3/00 17:45	1006.38	29.72	0.000	41.62	107.27	0.00			
1/3/00 18:00	1006.75	29.73	0.000	36.59	97.66	0.00	0.00		
1/3/00 18:15	1007.38	29.75	0.000	33.19	91.75	0.00			
1/3/00 18:30	1007.75	29.78	0.000	30.58	87.05	0.00			
1/3/00 18:45	1007.38	29.75	0.862	42.34	108.21	526.87			
1/3/00 19:00	1006.88	29.73	1.054	56.97	134.55	596.05	450.83		
1/3/00 19:15	1006.63	29.73	0.940	59.32	138.78	585.04			
1/3/00 19:30	1006.38	29.72	0.930	62.98	145.37	585.18			
1/3/00 19:45	1005.63	29.70	1.089	58.54	137.37	807.71			
1/3/00 20:00	1005.13	29.68	1.026	60.89	141.60	592.04	507.89		
1/3/00 20:15	1004.50	29.66	0.976	60.37	140.66	577.34			
1/3/00 20:30	1004.25	29.66	0.116	53.58	128.44	197.17			
1/3/00 20:45	1004.00	29.65	0.000	43.12	109.62	0.00			
1/3/00 21:00	1004.38	29.66	0.000	35.28	95.51	0.00	178.79		
1/3/00 21:15	1004.38	29.66	0.096	30.06	86.11	172.82			
1/3/00 21:30	1004.00	29.65	0.626	51.49	124.67	523.95			
1/3/00 21:45	1003.25	29.63	0.613	56.45	133.61	454.90			
1/3/00 22:00	1002.75	29.61	1.148	61.15	142.08	627.23	569.07		
1/3/00 22:15	1002.75	29.61	1.034	62.46	144.43	596.66			
1/3/00 22:30	1003.25	29.63	1.205	61.15	142.08	642.59			
1/3/00 22:45	1002.75	29.61	1.203	61.68	143.02	642.74			
1/3/00 23:00	1002.75	29.61	1.203	61.68	143.02	642.74	642.45		
1/3/00 23:15	1002.13	29.59	1.196	61.94	143.49	641.70			
1/3/00 23:30	1002.25	29.60	1.201	61.94	143.49	642.49			
1/3/00 23:45	1002.63	29.61	1.199	61.94	143.49	642.04			
1/4/00 0.00	1002.66	29.61	1.196	61.94	143.49	641.11	641.78		
1/4/00 0:15	1002.75	29.61	1.196	61.94	143.49	641.50			
1/4/00 0:30	1002.75	29.61	1.199	61.88	143.02	641.75			
1/4/00 0:45	1002.75	29.61	1.199	61.66	143.02	641.75			
1/4/00 1:00	1002.75	29.61	1.197	61.68	143.02	641.08	641.34		
1/4/00 1:15	1002.88	29.61	1.194	61.68	143.02	640.37			
1/4/00 1:30	1002.88	29.61	1.199	61.68	143.02	641.71			
1/4/00 1:45	1003.13	29.62	1.195	61.66	143.02	640.46			
1/4/00 2:00	1003.25	29.63	1.199	61.68	143.02	641.59	642.66		
1/4/00 2:15	1003.38	29.63	1.209	61.41	142.55	643.97			
1/4/00 2:30	1003.50	29.63	1.218	60.89	141.60	645.58			
1/4/00 2:45	1003.63	29.64	1.216	60.37	140.66	644.53			
1/4/00 3:00	1003.75	29.64	1.214	60.11	140.19	643.92	644.42		

301TELOG99.XLS

Date Time	Bar Press mBar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/4/00 3:15	1003.75	29.64	1.216	59.85	139.72	644.14			
1/4/00 3:30	1003.63	29.64	1.216	59.59	139.25	643.93			
1/4/00 3:45	1003.88	29.64	1.221	59.32	138.78	644.92			
1/4/00 4:00	1004.00	29.65	1.220	59.06	138.31	644.31	644.27		
1/4/00 4:15	1004.00	29.65	1.219	59.06	138.31	644.15			
1/4/00 4:30	1004.00	29.65	1.220	58.80	137.84	644.06			
1/4/00 4:45	1004.25	29.66	1.223	58.54	137.37	644.38			
1/4/00 5:00	1004.50	29.66	1.228	58.54	137.37	645.62	626.73		
1/4/00 5:15	1004.88	29.67	1.124	61.15	142.08	620.03			
1/4/00 5:30	1005.25	29.69	0.966	66.90	152.42	579.57			
1/4/00 5:45	1005.75	29.70	0.000	54.62	130.32	0.00			
1/4/00 6:00	1006.13	29.71	0.000	45.74	114.33	0.00	377.58		
1/4/00 6:15	1006.38	29.72	1.211	54.62	130.32	638.93			
1/4/00 6:30	1006.75	29.73	1.356	52.27	126.08	671.43			
1/4/00 6:45	1007.38	29.75	1.363	51.49	124.67	671.97			
1/4/00 7:00	1007.75	29.76	1.383	51.22	124.20	671.57	569.93		
1/4/00 7:15	1008.13	29.77	1.280	53.05	127.49	652.63			
1/4/00 7:30	1008.50	29.78	0.101	49.92	121.85	182.05			
1/4/00 7:45	1008.88	29.79	0.000	29.54	85.16	0.00			
1/4/00 8:00	1009.38	29.81	0.000	19.08	66.35	0.00	39.12		
1/4/00 8:15	1009.75	29.82	0.001	26.66	79.99	13.54			
1/4/00 8:30	1009.88	29.82	0.000	25.62	78.11	0.00			
1/4/00 8:45	1010.00	29.83	0.584	60.89	141.60	445.56			
1/4/00 9:00	1010.38	29.84	0.398	60.37	140.66	367.61	341.98		
1/4/00 9:15	1010.63	29.84	0.404	60.11	140.19	370.32			
1/4/00 9:30	1010.75	29.85	0.773	79.44	175.00	526.42			
1/4/00 9:45	1010.88	29.85	0.776	79.70	175.47	527.64			
1/4/00 10:00	1011.13	29.86	0.772	80.23	176.41	526.70	526.55		
1/4/00 10:15	1011.50	29.87	0.771	80.49	176.88	526.35			
1/4/00 10:30	1011.75	29.88	0.766	80.75	177.35	525.63			
1/4/00 10:45	1012.13	29.89	0.767	80.75	177.35	525.12			
1/4/00 11:00	1012.50	29.90	0.766	80.75	177.35	524.78	516.99		
1/4/00 11:15	1012.75	29.91	0.703	84.67	184.41	505.21			
1/4/00 11:30	1012.75	29.91	0.693	88.07	190.52	504.19			
1/4/00 11:45	1012.88	29.91	0.698	87.02	188.64	505.03			
1/4/00 12:00	1013.00	29.91	0.702	87.02	188.64	506.58	506.22		
1/4/00 12:15	1013.13	29.92	0.702	87.02	188.64	506.55			
1/4/00 12:30	1013.38	29.92	0.709	86.76	188.17	508.75			
1/4/00 12:45	1013.38	29.92	0.717	85.98	186.76	511.13			
1/4/00 13:00	1013.50	29.93	0.718	85.71	186.29	511.34	510.81		
1/4/00 13:15	1013.50	29.93	0.711	86.24	187.23	509.25			
1/4/00 13:30	1013.63	29.93	0.724	85.71	186.29	513.55			
1/4/00 13:45	1013.88	29.94	0.627	93.03	199.46	482.52			
1/4/00 14:00	1014.00	29.94	0.731	86.50	187.70	516.21	490.86		
1/4/00 14:15	1014.13	29.95	0.541	70.04	158.07	433.74			
1/4/00 14:30	1014.25	29.95	0.716	82.58	180.64	508.28			
1/4/00 14:45	1014.38	29.95	0.896	73.96	165.12	561.38			
1/4/00 15:00	1014.63	29.96	0.944	67.95	154.30	571.18	538.42		
1/4/00 15:15	1014.88	29.97	0.780	78.57	169.82	525.74			
1/4/00 15:30	1015.25	29.98	0.776	78.40	173.12	525.52			
1/4/00 15:45	1015.38	29.98	0.775	78.92	174.06	525.88			
1/4/00 16:00	1015.63	29.99	0.783	78.40	173.12	527.96	527.11		
1/4/00 16:15	1016.00	30.00	0.786	77.61	171.71	528.32			
1/4/00 16:30	1016.13	30.01	0.786	77.61	171.71	528.08			
1/4/00 16:45	1016.50	30.02	0.780	77.88	172.18	526.30			
1/4/00 17:00	1016.75	30.02	0.791	77.35	171.24	529.40	528.62		
1/4/00 17:15	1017.00	30.03	0.793	76.83	170.30	529.78			
1/4/00 17:30	1017.13	30.04	0.793	76.83	170.30	529.54			
1/4/00 17:45	1017.25	30.04	0.787	77.09	170.77	527.83			
1/4/00 18:00	1017.38	30.04	0.788	77.09	170.77	528.20	529.15		
1/4/00 18:15	1017.75	30.05	0.796	76.83	170.30	530.42			
1/4/00 18:30	1017.88	30.06	0.793	77.09	170.77	529.75			
1/4/00 18:45	1018.00	30.06	0.786	77.09	170.77	527.41			
1/4/00 19:00	1018.38	30.07	0.789	77.09	170.77	528.15	530.85		
1/4/00 19:15	1018.50	30.08	0.802	80.49	176.88	535.09			
1/4/00 19:30	1018.75	30.08	0.803	78.66	173.59	533.84			
1/4/00 19:45	1018.88	30.09	0.795	77.35	171.24	530.32			
1/4/00 20:00	1019.00	30.09	0.791	77.35	171.24	529.02	530.99		
1/4/00 20:15	1019.13	30.09	0.795	76.83	170.30	529.86			
1/4/00 20:30	1019.25	30.10	0.803	78.31	189.35	531.92			
1/4/00 20:45	1019.25	30.10	0.802	76.05	188.88	531.52			
1/4/00 21:00	1019.50	30.11	0.797	76.31	169.35	530.00	530.38		
1/4/00 21:15	1019.50	30.11	0.791	76.31	189.35	528.10			
1/4/00 21:30	1019.63	30.11	0.799	76.05	188.88	530.37			
1/4/00 21:45	1019.88	30.12	0.805	75.79	168.41	532.19			
1/4/00 22:00	1020.13	30.12	0.803	75.52	167.94	531.30	530.75		
1/4/00 22:15	1020.38	30.13	0.801	75.52	167.94	530.60			
1/4/00 22:30	1020.63	30.14	0.796	76.05	188.88	529.28			
1/4/00 22:45	1020.88	30.15	0.796	75.79	168.41	529.01			
1/4/00 23:00	1021.13	30.15	0.804	75.26	167.47	531.04	530.63		
1/4/00 23:15	1021.25	30.16	0.805	75.00	167.00	531.23			
1/4/00 23:30	1021.63	30.17	0.809	75.00	167.00	532.58			
1/4/00 23:45	1021.88	30.18	0.804	75.00	167.00	530.64			
1/5/00 0:00	1022.13	30.18	0.798	75.26	167.47	528.92	530.96		
1/5/00 0:15	1022.25	30.19	0.801	75.26	167.47	529.72			
1/5/00 0:30	1022.50	30.19	0.810	75.52	167.94	532.95			
1/5/00 0:45	1022.63	30.20	0.820	79.44	175.00	539.20			
1/5/00 1:00	1022.63	30.20	0.819	78.14	172.65	538.01	536.90		
1/5/00 1:15	1022.75	30.20	0.821	79.18	174.53	539.37			
1/5/00 1:30	1023.00	30.21	0.806	79.18	174.53	534.98			
1/5/00 1:45	1023.25	30.22	0.811	79.70	175.47	536.34			
1/5/00 2:00	1023.63	30.23	0.816	78.66	173.59	536.90	536.62		
1/5/00 2:15	1023.88	30.23	0.818	78.14	172.65	537.06			
1/5/00 2:30	1024.13	30.24	0.821	77.88	172.18	537.81			
1/5/00 2:45	1024.25	30.25	0.826	78.92	174.06	540.21			
1/5/00 3:00	1024.63	30.26	0.816	78.14	172.65	538.23	536.65		
1/5/00 3:15	1024.88	30.26	0.814	78.92	174.06	536.14			
1/5/00 3:30	1025.00	30.27	0.808	77.09	170.77	532.87			
1/5/00 3:45	1025.13	30.27	0.819	78.40	173.12	537.32			
1/5/00 4:00	1025.25	30.28	0.821	77.81	171.71	537.51	537.51		
1/5/00 4:15	1025.38	30.28	0.827	78.40	173.12	539.94			
1/5/00 4:30	1025.38	30.28	0.826	78.66	173.59	539.91			
1/5/00 4:45	1025.50	30.28	0.817	78.40	173.12	536.63			
1/5/00 5:00	1025.75	30.29	0.814	78.40	173.12	535.52	537.43		
1/5/00 5:15	1026.00	30.30	0.813	78.92	174.06	535.45			
1/5/00 5:30	1026.38	30.31	0.826	78.92	174.06	539.65			
1/5/00 5:45	1026.63	30.32	0.827	78.66	173.59	539.81			
1/5/00 6:00	1027.00	30.33	0.824	78.66	173.59	538.90	539.03		
1/5/00 6:15	1027.25	30.33	0.826	77.88	172.18	538.62			
1/5/00 6:30	1027.50	30.34	0.824	77.88	172.18	538.17			
1/5/00 6:45	1027.88	30.35	0.813	76.83	170.30	533.37			
1/5/00 7:00	1028.00	30.36	0.818	79.18	174.53	536.77	536.58		
1/5/00 7:15	1028.25	30.36	0.819	78.40	173.12	536.50			
1/5/00 7:30	1028.63	30.38	0.826	77.61	171.71	538.06			
1/5/00 7:45	1028.88	30.38	0.826	78.14	172.65	538.59			
1/5/00 8:00	1029.00	30.39	0.831	78.14	172.65	539.99	538.82		
1/5/00 8:15	1029.13	30.39	0.826	76.05	168.88	536.92			
1/5/00 8:30	1029.38	30.40	0.832	78.40	173.12	540.52			
1/5/00 8:45	1029.50	30.40	0.826	78.92	174.06	538.83			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/5/00 9:00	1029.38	30.40	0.820	78.66	173.59	538.84	538.18		
1/5/00 9:15	1029.63	30.40	0.822	79.44	175.00	537.99			
1/5/00 9:30	1029.75	30.41	0.820	78.66	173.59	536.74			
1/5/00 9:45	1029.88	30.41	0.103	58.02	136.43	184.11			
1/5/00 10:00	1030.00	30.42	0.000	51.75	125.14	0.00	358.58		
1/5/00 10:15	1030.25	30.42	0.831	70.04	158.07	533.60			
1/5/00 10:30	1030.25	30.42	0.832	78.05	168.88	536.48			
1/5/00 10:45	1030.13	30.42	0.833	75.26	167.47	538.29			
1/5/00 11:00	1030.00	30.42	0.823	75.00	167.00	534.89	536.88		
1/5/00 11:15	1029.75	30.41	0.824	75.26	167.47	535.57			
1/5/00 11:30	1029.75	30.41	0.826	75.26	167.47	536.16			
1/5/00 11:45	1029.50	30.40	0.824	75.00	167.00	535.44			
1/5/00 12:00	1029.25	30.39	0.828	75.00	167.00	535.89	534.59		
1/5/00 12:15	1029.13	30.39	0.816	75.79	168.41	533.27			
1/5/00 12:30	1028.83	30.38	0.812	75.79	168.41	532.19			
1/5/00 12:45	1028.38	30.37	0.814	78.05	168.88	533.04			
1/5/00 13:00	1028.38	30.37	0.821	75.79	168.41	535.29	534.31		
1/5/00 13:15	1028.25	30.36	0.824	75.26	167.47	535.74			
1/5/00 13:30	1028.50	30.37	0.823	75.00	167.00	535.28			
1/5/00 13:45	1028.63	30.38	0.825	75.00	167.00	535.86			
1/5/00 14:00	1028.50	30.37	0.826	75.26	167.47	536.29	535.01		
1/5/00 14:15	1028.50	30.37	0.819	75.52	167.94	534.47			
1/5/00 14:30	1028.75	30.36	0.815	75.79	168.41	533.17			
1/5/00 14:45	1028.88	30.38	0.818	76.05	168.88	533.53			
1/5/00 15:00	1029.13	30.39	0.818	75.79	168.41	534.08	534.53		
1/5/00 15:15	1029.25	30.39	0.825	75.26	167.47	535.90			
1/5/00 15:30	1029.00	30.39	0.826	75.00	167.00	535.96			
1/5/00 15:45	1029.25	30.39	0.824	75.26	167.47	535.48			
1/5/00 16:00	1029.50	30.40	0.828	75.00	167.00	536.02	535.32		
1/5/00 16:15	1029.25	30.39	0.823	75.26	167.47	535.28			
1/5/00 16:30	1029.13	30.39	0.816	75.79	168.41	533.89			
1/5/00 16:45	1028.88	30.38	0.817	76.05	168.88	533.96			
1/5/00 17:00	1028.88	30.38	0.817	76.05	168.88	533.96	534.45		
1/5/00 17:15	1028.75	30.38	0.822	75.52	167.94	535.22			
1/5/00 17:30	1028.75	30.38	0.823	75.00	167.00	535.21			
1/5/00 17:45	1028.83	30.38	0.823	74.74	166.53	535.04			
1/5/00 18:00	1028.50	30.37	0.824	74.48	166.06	535.30	535.10		
1/5/00 18:15	1028.50	30.37	0.825	74.48	166.06	535.49			
1/5/00 18:30	1028.50	30.37	0.822	74.48	166.06	534.48			
1/5/00 18:45	1028.25	30.36	0.813	75.00	167.00	532.08			
1/5/00 19:00	1028.25	30.36	0.814	74.74	166.53	532.30	533.10		
1/5/00 19:15	1028.25	30.36	0.816	75.00	167.00	532.90			
1/5/00 19:30	1028.25	30.36	0.821	73.96	165.12	533.72			
1/5/00 19:45	1028.38	30.37	0.824	73.70	164.65	534.72			
1/5/00 20:00	1028.13	30.36	0.823	73.70	164.65	534.17	537.20		
1/5/00 20:15	1028.00	30.36	0.835	78.66	173.59	542.09			
1/5/00 20:30	1027.88	30.35	0.831	79.18	174.53	541.29			
1/5/00 20:45	1027.75	30.35	0.828	77.88	172.18	539.31			
1/5/00 21:00	1027.63	30.35	0.824	75.00	167.00	535.70	536.33		
1/5/00 21:15	1027.75	30.35	0.818	74.48	166.06	533.25			
1/5/00 21:30	1027.50	30.34	0.814	74.22	165.59	532.10			
1/5/00 21:45	1027.50	30.34	0.813	73.96	165.12	531.47			
1/5/00 22:00	1027.38	30.34	0.813	73.96	165.12	531.31	411.65		
1/5/00 22:15	1027.13	30.33	0.629	67.95	154.30	463.36			
1/5/00 22:30	1027.13	30.33	0.000	49.66	121.38	0.00			
1/5/00 22:45	1027.25	30.33	0.320	49.13	120.44	321.32			
1/5/00 23:00	1027.25	30.33	0.832	75.79	168.41	539.06	386.94		
1/5/00 23:15	1027.38	30.34	0.822	78.14	172.65	537.58			
1/5/00 23:30	1027.38	30.34	0.818	78.92	174.06	536.74			
1/5/00 23:45	1027.25	30.33	0.811	78.40	173.12	534.30			
1/6/00 0:00	1027.13	30.33	0.812	78.40	173.12	534.56	536.23		
1/6/00 0:15	1027.00	30.33	0.824	77.61	171.71	537.87			
1/6/00 0:30	1027.00	30.33	0.823	77.61	171.71	537.87			
1/6/00 0:45	1026.88	30.32	0.824	78.14	172.65	538.30			
1/6/00 1:00	1026.75	30.32	0.825	77.88	172.18	538.56	538.41		
1/6/00 1:15	1026.75	30.32	0.828	77.88	172.18	539.37			
1/6/00 1:30	1026.75	30.32	0.825	77.35	171.24	538.16			
1/6/00 1:45	1026.88	30.32	0.829	77.88	172.18	539.96			
1/6/00 2:00	1026.88	30.32	0.827	77.35	171.24	538.74	538.79		
1/6/00 2:15	1026.88	30.32	0.829	77.61	171.71	539.53			
1/6/00 2:30	1026.75	30.32	0.823	77.81	171.71	537.54			
1/6/00 2:45	1026.63	30.32	0.819	77.81	171.71	536.56			
1/6/00 3:00	1026.75	30.32	0.818	78.40	173.12	536.50	536.41		
1/6/00 3:15	1026.63	30.32	0.814	77.88	172.18	535.12			
1/6/00 3:30	1026.63	30.32	0.818	78.66	173.59	536.31			
1/6/00 3:45	1026.63	30.32	0.139	59.32	138.78	214.92			
1/6/00 4:00	1026.63	30.32	0.000	52.79	127.02	0.00	161.42		
1/6/00 4:15	1026.38	30.31	0.000	44.95	112.91	0.00			
1/6/00 4:30	1026.25	30.31	0.010	38.42	101.16	55.88			
1/6/00 4:45	1026.25	30.31	0.713	59.32	138.78	487.21			
1/6/00 5:00	1026.38	30.31	0.837	75.00	167.00	540.30	433.27		
1/6/00 5:15	1026.50	30.31	0.836	76.57	169.82	541.87			
1/6/00 5:30	1026.38	30.31	0.835	76.83	170.30	541.10			
1/6/00 5:45	1026.38	30.31	0.833	77.35	171.24	540.89			
1/6/00 6:00	1026.38	30.31	0.828	77.35	171.24	539.27	539.93		
1/6/00 6:15	1026.38	30.31	0.832	77.61	171.71	540.70			
1/6/00 6:30	1026.25	30.31	0.826	75.26	167.47	537.69			
1/6/00 6:45	1026.50	30.31	0.827	77.61	171.71	539.04			
1/6/00 7:00	1026.50	30.31	0.822	76.57	169.82	538.61	538.03		
1/6/00 7:15	1026.50	30.31	0.824	78.14	172.65	538.83			
1/6/00 7:30	1026.50	30.31	0.823	78.14	172.65	538.20			
1/6/00 7:45	1026.50	30.31	0.821	77.61	171.71	537.18			
1/6/00 8:00	1026.38	30.31	0.829	77.88	172.18	540.09	538.94		
1/6/00 8:15	1026.83	30.32	0.831	77.35	171.24	540.01			
1/6/00 8:30	1026.83	30.32	0.830	76.57	169.82	539.21			
1/6/00 8:45	1026.75	30.32	0.832	76.83	170.30	540.00			
1/6/00 9:00	1026.75	30.32	0.833	77.61	171.71	540.99	539.62		
1/6/00 9:15	1026.75	30.32	0.831	77.35	171.24	539.98			
1/6/00 9:30	1026.88	30.32	0.824	77.35	171.24	537.93			
1/6/00 9:45	1026.88	30.32	0.819	77.09	170.77	536.09			
1/6/00 10:00	1026.88	30.32	0.881	72.91	163.24	552.62	538.66		
1/6/00 10:15	1026.75	30.32	0.811	76.31	169.35	532.84			
1/6/00 10:30	1027.00	30.33	0.812	77.35	171.24	533.80			
1/6/00 10:45	1027.00	30.33	0.817	77.09	170.77	535.24			
1/6/00 11:00	1027.00	30.33	0.820	77.09	170.77	536.26	535.99		
1/6/00 11:15	1026.88	30.32	0.823	77.09	170.77	537.11			
1/6/00 11:30	1028.75	30.32	0.823	77.35	171.24	537.54			
1/6/00 11:45	1026.38	30.31	0.827	77.61	171.71	539.06			
1/6/00 12:00	1026.00	30.30	0.826	77.61	171.71	538.95	538.87		
1/6/00 12:15	1025.88	30.29	0.826	77.88	172.18	539.16			
1/6/00 12:30	1025.75	30.29	0.828	78.40	173.12	539.61			
1/6/00 12:45	1025.63	30.29	0.820	78.92	174.06	538.02			
1/6/00 13:00	1025.50	30.28	0.823	79.44	175.00	539.27	538.40		
1/6/00 13:15	1025.38	30.28	0.818	79.70	175.47	537.86			
1/6/00 13:30	1025.25	30.28	0.815	79.97	175.94	537.27			
1/6/00 13:45	1025.00	30.27	0.749	78.40	173.12	514.11			
1/6/00 14:00	1025.00	30.27	0.749	73.96	165.12	510.61	528.49		
1/6/00 14:15	1024.88	30.26	0.824	79.70	175.47	540.03			
1/6/00 14:30	1024.88	30.26	0.824	79.97	175.94	540.45			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/6/00 14:45	1024.88	30.28	0.824	79.97	175.94	540.45			
1/6/00 15:00	1025.00	30.27	0.828	79.97	175.94	541.83	541.29		
1/6/00 15:15	1025.00	30.27	0.828	79.97	175.94	541.83			
1/6/00 15:30	1025.00	30.27	0.831	79.70	175.47	542.25			
1/6/00 15:45	1025.00	30.27	0.823	79.70	175.47	539.80			
1/6/00 16:00	1025.00	30.27	0.818	79.97	175.94	538.35	539.51		
1/6/00 16:15	1025.00	30.27	0.821	79.97	175.94	539.18			
1/6/00 16:30	1024.88	30.28	0.817	79.97	175.94	537.99			
1/6/00 16:45	1024.75	30.28	0.819	79.44	175.00	538.45			
1/6/00 17:00	1024.88	30.28	0.828	78.92	174.06	540.67	539.27		
1/6/00 17:15	1025.00	30.27	0.823	78.66	173.59	538.80			
1/6/00 17:30	1025.00	30.27	0.828	78.40	173.12	540.43			
1/6/00 17:45	1025.13	30.27	0.826	77.88	172.18	539.38			
1/6/00 18:00	1025.25	30.28	0.828	77.35	171.24	539.37	538.40		
1/6/00 18:15	1025.25	30.28	0.823	76.31	169.35	538.93			
1/6/00 18:30	1025.25	30.28	0.821	75.79	168.41	535.91			
1/6/00 18:45	1025.38	30.28	0.818	75.79	168.41	534.44			
1/6/00 19:00	1025.63	30.29	0.814	76.05	168.88	533.98	535.71		
1/6/00 19:15	1025.63	30.29	0.819	78.66	173.59	537.62			
1/6/00 19:30	1025.63	30.29	0.818	77.88	172.18	538.59			
1/6/00 19:45	1025.63	30.29	0.826	77.09	170.77	538.45			
1/6/00 20:00	1025.63	30.29	0.825	77.09	170.77	538.25	537.57		
1/6/00 20:15	1025.50	30.28	0.826	76.05	168.88	537.87			
1/6/00 20:30	1025.50	30.28	0.825	75.00	167.00	538.68			
1/6/00 20:45	1025.38	30.28	0.824	74.74	166.53	538.31			
1/6/00 21:00	1025.50	30.28	0.821	74.48	166.06	535.04	538.67		
1/6/00 21:15	1025.50	30.28	0.821	76.57	169.82	538.64			
1/6/00 21:30	1025.50	30.28	0.824	78.14	172.65	538.68			
1/6/00 21:45	1025.50	30.28	0.817	76.83	170.30	535.44			
1/6/00 22:00	1025.50	30.28	0.817	76.31	169.35	535.04	535.94		
1/6/00 22:15	1025.25	30.28	0.813	76.31	169.35	533.85			
1/6/00 22:30	1025.25	30.28	0.822	76.31	169.35	536.74			
1/6/00 22:45	1025.25	30.28	0.823	76.05	168.88	538.93			
1/6/00 23:00	1025.25	30.28	0.824	76.05	188.88	537.35	537.40		
1/6/00 23:15	1025.13	30.27	0.824	76.31	169.35	537.58			
1/6/00 23:30	1025.13	30.27	0.828	76.05	188.88	538.39			
1/6/00 23:45	1025.00	30.27	0.828	76.05	188.88	538.43			
1/7/00 0:00	1025.13	30.27	0.828	76.05	188.88	537.77	537.13		
1/7/00 0:15	1025.13	30.27	0.818	76.57	169.82	535.73			
1/7/00 0:30	1025.00	30.27	0.816	77.09	170.77	535.34			
1/7/00 0:45	1024.88	30.26	0.818	77.09	170.77	536.19			
1/7/00 1:00	1024.75	30.26	0.814	77.09	170.77	535.01	535.89		
1/7/00 1:15	1024.75	30.26	0.816	77.09	170.77	535.40			
1/7/00 1:30	1024.63	30.26	0.823	76.83	170.30	537.50			
1/7/00 1:45	1024.63	30.26	0.826	76.31	169.35	538.11			
1/7/00 2:00	1024.63	30.26	0.827	76.31	169.35	538.53	538.22		
1/7/00 2:15	1024.63	30.26	0.826	76.31	169.35	538.30			
1/7/00 2:30	1024.88	30.26	0.828	76.31	169.35	538.66			
1/7/00 2:45	1025.00	30.27	0.828	76.31	169.35	538.82			
1/7/00 3:00	1025.13	30.27	0.827	76.57	169.82	538.60	537.62		
1/7/00 3:15	1025.25	30.28	0.819	76.83	170.30	536.32			
1/7/00 3:30	1025.25	30.28	0.817	77.09	170.77	535.70			
1/7/00 3:45	1025.38	30.28	0.815	77.35	171.24	535.24			
1/7/00 4:00	1025.25	30.28	0.816	77.09	170.77	535.47	535.59		
1/7/00 4:15	1025.38	30.28	0.814	77.09	170.77	534.85			
1/7/00 4:30	1025.38	30.28	0.822	76.31	169.35	536.70			
1/7/00 4:45	1025.25	30.28	0.823	76.05	168.66	538.93			
1/7/00 5:00	1025.38	30.28	0.828	75.79	168.41	538.13	537.28		
1/7/00 5:15	1025.63	30.29	0.626	75.79	188.41	537.64			
1/7/00 5:30	1025.75	30.29	0.825	75.52	167.94	537.01			
1/7/00 5:45	1025.88	30.29	0.828	75.52	167.94	537.99			
1/7/00 6:00	1026.00	30.30	0.822	75.26	167.47	535.74	535.64		
1/7/00 6:15	1026.13	30.30	0.819	75.52	167.94	535.09			
1/7/00 6:30	1026.25	30.31	0.810	76.05	188.88	532.38			
1/7/00 6:45	1026.38	30.31	0.815	78.66	173.59	535.98			
1/7/00 7:00	1026.50	30.31	0.815	78.66	173.59	535.95	534.95		
1/7/00 7:15	1027.00	30.33	0.809	78.40	173.12	533.77			
1/7/00 7:30	1027.00	30.33	0.819	77.88	172.18	536.66			
1/7/00 7:45	1027.13	30.33	0.824	78.14	172.65	536.23			
1/7/00 8:00	1027.38	30.34	0.816	78.14	172.65	535.52	536.58		
1/7/00 8:15	1027.38	30.34	0.819	76.57	169.82	535.56			
1/7/00 8:30	1027.63	30.35	0.823	76.83	170.30	536.91			
1/7/00 8:45	1027.75	30.35	0.821	76.57	169.82	535.86			
1/7/00 9:00	1027.88	30.35	0.826	76.05	168.66	537.05	535.69		
1/7/00 9:15	1028.00	30.36	0.816	76.31	169.35	534.16			
1/7/00 9:30	1028.25	30.36	0.816	77.09	170.77	534.49			
1/7/00 9:45	1028.50	30.37	0.818	77.09	170.77	535.25			
1/7/00 10:00	1028.75	30.38	0.823	77.35	171.24	536.82	535.73		
1/7/00 10:15	1028.88	30.38	0.818	77.61	171.71	535.55			
1/7/00 10:30	1029.13	30.39	0.822	77.35	171.24	536.52			
1/7/00 10:45	1029.38	30.40	0.819	77.35	171.24	535.64			
1/7/00 11:00	1029.50	30.40	0.824	77.09	170.77	537.04	536.93		
1/7/00 11:15	1029.50	30.40	0.828	77.09	170.77	537.63			
1/7/00 11:30	1029.63	30.40	0.827	77.09	170.77	537.62			
1/7/00 11:45	1029.75	30.41	0.828	76.83	170.30	537.78			
1/7/00 12:00	1029.88	30.41	0.829	76.83	170.30	538.37	537.26		
1/7/00 12:15	1029.88	30.41	0.823	77.35	171.24	538.72			
1/7/00 12:30	1029.88	30.41	0.819	77.81	171.71	535.71			
1/7/00 12:45	1029.75	30.41	0.819	78.14	172.65	535.91			
1/7/00 13:00	1029.63	30.40	0.819	78.40	173.12	536.15	535.86		
1/7/00 13:15	1029.63	30.40	0.816	78.40	173.12	535.33			
1/7/00 13:30	1029.50	30.40	0.819	78.40	173.12	538.18			
1/7/00 13:45	1029.50	30.40	0.829	77.61	171.71	539.07			
1/7/00 14:00	1029.50	30.40	0.829	77.81	171.71	539.07	538.61		
1/7/00 14:15	1029.50	30.40	0.829	78.14	172.65	539.47			
1/7/00 14:30	1029.50	30.40	0.829	77.88	172.18	539.27			
1/7/00 14:45	1029.50	30.40	0.831	78.14	172.65	539.88			
1/7/00 15:00	1029.38	30.40	0.834	77.61	171.71	540.50	539.30		
1/7/00 15:15	1029.50	30.40	0.829	77.61	171.71	539.07			
1/7/00 15:30	1029.63	30.40	0.825	77.86	172.16	537.60			
1/7/00 15:45	1029.88	30.41	0.819	78.40	173.12	536.31			
1/7/00 16:00	1029.88	30.41	0.816	78.40	173.12	535.07	535.54		
1/7/00 16:15	1029.88	30.41	0.813	78.14	172.85	533.85			
1/7/00 16:30	1029.88	30.41	0.816	77.88	172.18	534.87			
1/7/00 16:45	1029.88	30.41	0.814	77.81	171.71	533.85			
1/7/00 17:00	1030.00	30.42	0.823	76.83	170.30	536.29	535.19		
1/7/00 17:15	1030.00	30.42	0.823	76.31	169.35	535.89			
1/7/00 17:30	1030.00	30.42	0.823	75.52	167.94	535.29			
1/7/00 17:45	1030.00	30.42	0.821	75.00	167.00	534.07			
1/7/00 18:00	1030.00	30.42	0.811	75.00	187.00	530.81	534.66		
1/7/00 18:15	1030.13	30.42	0.820	76.83	170.30	535.24			
1/7/00 18:30	1030.00	30.42	0.826	77.88	172.18	537.90			
1/7/00 18:45	1030.13	30.42	0.819	75.52	167.94	533.82			
1/7/00 19:00	1030.13	30.42	0.816	78.92	174.06	535.59	534.71		
1/7/00 19:15	1030.25	30.42	0.813	78.66	173.59	534.35			
1/7/00 19:30	1030.38	30.43	0.807	78.14	172.65	531.88			
1/7/00 19:45	1030.38	30.43	0.814	78.40	173.12	534.31			
1/7/00 20:00	1030.63	30.43	0.808	78.92	174.06	532.60	534.77		
1/7/00 20:15	1030.38	30.43	0.823	78.66	173.59	537.59			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/7/00 20:30	1030.13	30.42	0.826	77.09	170.77	537.48			
1/7/00 20:45	1030.25	30.42	0.811	78.14	172.85	533.32			
1/7/00 21:00	1030.00	30.42	0.823	76.83	170.30	536.29	535.81		
1/7/00 21:15	1030.00	30.42	0.819	76.83	170.30	534.85			
1/7/00 21:30	1030.00	30.42	0.824	77.35	171.24	537.11			
1/7/00 21:45	1029.88	30.41	0.823	78.14	172.85	537.32			
1/7/00 22:00	1029.88	30.41	0.818	77.35	171.24	535.09	536.69		
1/7/00 22:15	1029.75	30.41	0.818	77.35	171.24	535.12			
1/7/00 22:30	1029.63	30.40	0.828	77.68	172.18	538.81			
1/7/00 22:45	1029.50	30.40	0.815	75.26	167.47	532.58			
1/7/00 23:00	1029.38	30.40	0.803	75.26	167.47	528.71	534.09		
1/7/00 23:15	1029.13	30.39	0.816	78.66	173.59	535.66			
1/7/00 23:30	1028.88	30.36	0.812	79.18	174.53	534.70			
1/7/00 23:45	1028.88	30.38	0.808	78.14	172.85	532.46			
1/8/00 0:00	1028.88	30.38	0.811	77.88	172.18	533.29	417.64		
1/8/00 0:15	1028.63	30.38	0.685	74.22	165.59	487.73			
1/8/00 0:30	1028.75	30.38	0.000	53.58	128.44	0.00			
1/8/00 0:45	1028.75	30.38	0.000	49.13	120.44	0.00			
1/8/00 1:00	1028.75	30.38	0.000	41.82	107.27	0.00	143.56		
1/8/00 1:15	1028.75	30.38	0.103	38.85	98.33	178.23			
1/8/00 1:30	1028.75	30.38	0.851	69.25	156.66	539.57			
1/8/00 1:45	1028.63	30.38	0.839	75.00	167.00	540.52			
1/8/00 2:00	1028.50	30.37	0.832	72.85	162.77	536.31	538.38		
1/8/00 2:15	1028.38	30.37	0.828	71.67	161.36	534.51			
1/8/00 2:30	1028.25	30.36	0.836	77.09	170.77	541.01			
1/8/00 2:45	1027.75	30.35	0.833	77.09	170.77	540.13			
1/8/00 3:00	1027.63	30.35	0.825	76.05	168.88	536.92	538.24		
1/8/00 3:15	1027.63	30.35	0.826	72.91	163.24	534.70			
1/8/00 3:30	1028.00	30.36	0.828	77.09	170.77	538.44			
1/8/00 3:45	1028.13	30.36	0.820	75.00	167.00	534.36			
1/8/00 4:00	1028.25	30.36	0.821	77.09	170.77	536.32	535.70		
1/8/00 4:15	1028.00	30.36	0.818	78.40	173.12	536.18			
1/8/00 4:30	1027.75	30.35	0.809	77.88	172.18	533.18			
1/8/00 4:45	1027.63	30.35	0.807	77.81	171.71	532.19			
1/8/00 5:00	1027.63	30.35	0.817	77.88	172.18	535.68	533.34		
1/8/00 5:15	1027.75	30.35	0.801	79.18	174.53	531.26			
1/8/00 5:30	1027.75	30.35	0.813	77.88	172.18	534.40			
1/8/00 5:45	1027.63	30.35	0.822	77.61	171.71	537.12			
1/8/00 6:00	1027.50	30.34	0.822	77.81	171.71	537.15	536.64		
1/8/00 6:15	1027.38	30.34	0.823	77.09	170.77	537.17			
1/8/00 6:30	1027.50	30.34	0.823	77.61	171.71	537.34			
1/8/00 6:45	1027.25	30.33	0.829	77.35	171.24	539.46			
1/8/00 7:00	1026.75	30.32	0.824	76.05	168.88	536.73	538.38		
1/8/00 7:15	1026.75	30.32	0.821	76.57	169.82	536.12			
1/8/00 7:30	1026.38	30.31	0.813	74.74	166.53	532.17			
1/8/00 7:45	1026.38	30.31	0.821	75.52	167.94	535.61			
1/8/00 8:00	1026.38	30.31	0.815	78.66	173.59	535.98	535.29		
1/8/00 8:15	1026.38	30.31	0.819	77.35	171.24	538.42			
1/8/00 8:30	1026.25	30.31	0.824	75.00	167.00	536.28			
1/8/00 8:45	1026.13	30.30	0.813	78.92	174.06	535.42			
1/8/00 9:00	1025.88	30.29	0.807	76.57	169.82	531.85	532.98		
1/8/00 9:15	1026.00	30.30	0.807	75.52	167.94	531.02			
1/8/00 9:30	1026.25	30.31	0.806	75.26	167.47	530.33			
1/8/00 9:45	1026.38	30.31	0.802	75.00	167.00	528.88			
1/8/00 10:00	1026.50	30.31	0.812	75.00	167.00	532.14	498.34		
1/8/00 10:15	1026.50	30.31	0.810	75.26	167.47	531.71			
1/8/00 10:30	1026.25	30.31	0.403	63.24	145.84	368.82			
1/8/00 10:45	1026.13	30.30	0.000	51.49	124.67	0.00			
1/8/00 11:00	1026.00	30.30	0.000	44.89	112.44	0.00	129.25		
1/8/00 11:15	1025.63	30.29	0.000	38.68	101.63	0.00			
1/8/00 11:30	1025.25	30.28	0.246	38.94	102.10	277.62			
1/8/00 11:45	1024.88	30.26	0.853	71.60	160.89	543.05			
1/8/00 12:00	1024.63	30.26	0.841	75.26	167.47	542.16	486.57		
1/8/00 12:15	1024.25	30.25	0.832	75.52	167.94	539.65			
1/8/00 12:30	1023.75	30.23	0.833	75.79	168.41	540.37			
1/8/00 12:45	1023.63	30.23	0.834	76.05	168.88	540.80			
1/8/00 13:00	1023.25	30.22	0.836	76.05	168.88	541.71	541.19		
1/8/00 13:15	1022.75	30.20	0.832	76.31	169.35	540.85			
1/8/00 13:30	1022.25	30.19	0.837	76.31	169.35	542.41			
1/8/00 13:45	1022.00	30.18	0.835	76.83	170.30	542.26			
1/8/00 14:00	1021.63	30.17	0.835	77.09	170.77	542.56	542.26		
1/8/00 14:15	1021.38	30.16	0.836	77.09	170.77	542.82			
1/8/00 14:30	1021.25	30.16	0.830	77.35	171.24	541.24			
1/8/00 14:45	1021.13	30.15	0.819	77.88	172.18	537.97			
1/8/00 15:00	1021.00	30.15	0.819	77.61	171.71	538.04	538.41		
1/8/00 15:15	1021.13	30.15	0.818	77.88	172.18	537.58			
1/8/00 15:30	1020.88	30.15	0.816	77.88	172.18	537.22			
1/8/00 15:45	1020.63	30.14	0.818	77.88	172.18	537.91			
1/8/00 16:00	1020.75	30.14	0.810	78.14	172.85	535.40	537.84		
1/8/00 16:15	1021.00	30.15	0.822	77.61	171.71	538.66			
1/8/00 16:30	1020.50	30.14	0.826	77.09	170.77	539.80			
1/8/00 16:45	1020.63	30.14	0.822	77.09	170.77	538.55			
1/8/00 17:00	1020.63	30.14	0.823	77.09	170.77	538.95	539.33		
1/8/00 17:15	1020.63	30.14	0.825	77.09	170.77	539.57			
1/8/00 17:30	1020.63	30.14	0.827	76.57	169.82	539.79			
1/8/00 17:45	1020.88	30.15	0.823	76.83	170.30	538.48			
1/8/00 18:00	1021.00	30.15	0.828	76.31	169.35	539.88	539.18		
1/8/00 18:15	1021.00	30.15	0.823	76.57	169.82	538.45			
1/8/00 18:30	1020.88	30.15	0.828	76.05	168.88	539.51			
1/8/00 18:45	1020.75	30.14	0.819	76.57	169.82	537.30			
1/8/00 19:00	1020.50	30.14	0.818	76.83	170.30	537.14	537.03		
1/8/00 19:15	1020.50	30.14	0.811	77.35	171.24	535.27			
1/8/00 19:30	1020.38	30.13	0.814	77.09	170.77	535.93			
1/8/00 19:45	1020.00	30.12	0.809	77.35	171.24	534.81			
1/8/00 20:00	1019.88	30.12	0.808	77.35	171.24	534.21	534.66		
1/8/00 20:15	1019.75	30.11	0.807	77.35	171.24	534.04			
1/8/00 20:30	1019.63	30.11	0.811	77.09	170.77	535.30			
1/8/00 20:45	1019.63	30.11	0.539	69.25	156.66	431.59			
1/8/00 21:00	1019.63	30.11	0.000	54.36	129.85	0.00	193.36		
1/8/00 21:15	1019.50	30.11	0.000	47.83	118.09	0.00			
1/8/00 21:30	1019.38	30.10	0.000	41.03	105.86	0.00			
1/8/00 21:45	1019.25	30.10	0.000	36.07	96.92	0.00			
1/8/00 22:00	1018.88	30.09	0.779	62.20	143.96	513.82	318.57		
1/8/00 22:15	1018.63	30.08	0.839	73.70	164.85	541.92			
1/8/00 22:30	1018.38	30.07	0.821	75.00	167.00	537.31			
1/8/00 22:45	1018.25	30.07	0.821	75.00	167.00	537.14			
1/8/00 23:00	1018.13	30.07	0.816	75.00	167.00	535.74	536.44		
1/8/00 23:15	1018.00	30.06	0.814	75.00	167.00	535.18			
1/8/00 23:30	1018.00	30.06	0.819	75.00	167.00	536.82			
1/8/00 23:45	1017.88	30.06	0.821	75.00	167.00	537.24			
1/9/00 0:00	1017.75	30.05	0.817	75.26	167.47	536.27	537.11		
1/9/00 0:15	1017.75	30.05	0.821	75.26	167.47	537.87			
1/9/00 0:30	1017.50	30.05	0.821	75.00	167.00	537.54			
1/9/00 0:45	1017.25	30.04	0.823	74.74	166.53	537.83			
1/9/00 1:00	1017.00	30.03	0.819	75.00	167.00	537.06	537.04		
1/9/00 1:15	1016.88	30.03	0.823	74.48	166.06	537.73			
1/9/00 1:30	1016.88	30.03	0.813	75.00	167.00	535.05			
1/9/00 1:45	1016.88	30.03	0.816	75.26	167.47	536.27			
1/9/00 2:00	1016.75	30.02	0.806	75.26	167.47	533.43	534.78		

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Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/9/00 2:15	1018.75	30.02	0.808	78.05	188.88	534.03			
1/9/00 2:30	1018.63	30.02	0.812	75.52	187.94	535.12			
1/9/00 2:45	1018.63	30.02	0.801	78.05	188.88	531.78			
1/9/00 3:00	1018.63	30.02	0.801	78.05	188.88	531.78	534.28		
1/9/00 3:15	1018.63	30.02	0.813	75.79	188.41	535.52			
1/9/00 3:30	1018.50	30.02	0.819	75.00	187.00	537.21			
1/9/00 3:45	1018.38	30.01	0.818	75.26	187.47	538.20			
1/9/00 4:00	1018.00	30.00	0.818	75.28	187.47	538.92	538.87		
1/9/00 4:15	1015.63	29.99	0.818	75.26	187.47	538.60			
1/9/00 4:30	1015.50	29.99	0.818	75.00	187.00	538.43			
1/9/00 4:45	1015.38	29.98	0.812	75.52	187.94	535.45			
1/9/00 5:00	1015.00	29.97	0.813	78.05	188.88	536.34	537.13		
1/9/00 5:15	1014.75	29.97	0.822	75.52	187.94	538.90			
1/9/00 5:30	1014.50	29.96	0.820	75.79	188.41	538.54			
1/9/00 5:45	1014.25	29.95	0.821	75.79	188.41	538.81			
1/9/00 6:00	1014.00	29.94	0.822	76.05	188.88	539.50	538.93		
1/9/00 6:15	1014.13	29.95	0.823	76.31	189.35	540.07			
1/9/00 6:30	1014.38	29.95	0.816	76.31	189.35	537.73			
1/9/00 6:45	1014.25	29.95	0.809	76.57	189.82	535.72			
1/9/00 7:00	1014.13	29.95	0.805	78.57	169.82	534.29	535.35		
1/9/00 7:15	1013.88	29.94	0.804	76.83	170.30	534.36			
1/9/00 7:30	1014.25	29.95	0.806	76.83	170.30	534.68			
1/9/00 7:45	1013.50	29.93	0.808	77.09	170.77	535.89			
1/9/00 8:00	1013.50	29.93	0.801	77.35	171.24	533.59	511.02		
1/9/00 8:15	1013.13	29.92	0.798	77.35	171.24	532.86			
1/9/00 8:30	1013.00	29.91	0.504	88.73	155.71	418.11			
1/9/00 8:45	1013.13	29.92	0.000	54.82	130.32	0.00			
1/9/00 9:00	1013.25	29.92	0.000	47.83	118.09	0.00	173.83		
1/9/00 9:15	1013.83	29.93	0.000	41.29	106.33	0.00			
1/9/00 9:30	1013.50	29.93	0.806	56.45	133.81	450.04			
1/9/00 9:45	1013.38	29.92	0.834	73.96	185.12	541.90			
1/9/00 10:00	1013.25	29.92	0.822	78.05	188.88	539.70	522.78		
1/9/00 10:15	1013.13	29.92	0.823	77.09	170.77	540.94			
1/9/00 10:30	1013.13	29.92	0.823	77.81	171.71	541.34			
1/9/00 10:45	1013.13	29.92	0.824	77.81	171.71	541.54			
1/9/00 11:00	1013.00	29.91	0.821	77.88	172.18	540.75	541.49		
1/9/00 11:15	1012.88	29.91	0.824	77.88	172.18	541.81			
1/9/00 11:30	1012.88	29.91	0.823	78.40	173.12	542.01			
1/9/00 11:45	1012.83	29.90	0.822	78.14	172.65	541.48			
1/9/00 12:00	1012.25	29.89	0.821	78.40	173.12	541.55	541.01		
1/9/00 12:15	1012.00	29.88	0.821	77.88	172.18	541.22			
1/9/00 12:30	1011.88	29.88	0.813	78.40	173.12	538.78			
1/9/00 12:45	1011.50	29.87	0.811	78.66	173.59	538.64			
1/9/00 13:00	1011.38	29.87	0.691	71.60	160.89	492.02	529.40		
1/9/00 13:15	1011.13	29.86	0.812	78.40	173.12	538.78			
1/9/00 13:30	1011.00	29.85	0.811	78.92	174.06	538.78			
1/9/00 13:45	1010.88	29.85	0.817	78.88	173.59	540.70			
1/9/00 14:00	1010.75	29.85	0.814	78.66	173.59	539.67	540.09		
1/9/00 14:15	1010.83	29.84	0.815	78.92	174.06	540.34			
1/9/00 14:30	1010.63	29.84	0.817	78.92	174.06	540.97			
1/9/00 14:45	1010.50	29.84	0.821	78.92	174.06	542.23			
1/9/00 15:00	1010.50	29.84	0.815	78.92	174.06	540.37	540.33		
1/9/00 15:15	1010.38	29.84	0.808	79.44	175.00	538.51			
1/9/00 15:30	1010.25	29.83	0.811	79.70	175.47	539.58			
1/9/00 15:45	1010.25	29.83	0.810	79.70	175.47	539.38			
1/9/00 16:00	1010.25	29.83	0.607	79.70	175.47	538.35	538.41		
1/9/00 16:15	1010.25	29.83	0.804	79.97	175.94	537.48			
1/9/00 16:30	1010.25	29.83	0.804	79.70	175.47	537.28			
1/9/00 16:45	1010.13	29.83	0.818	79.18	174.53	541.70			
1/9/00 17:00	1010.13	29.83	0.814	79.18	174.53	540.47	540.33		
1/9/00 17:15	1010.00	29.83	0.818	78.92	174.06	540.90			
1/9/00 17:30	1010.13	29.83	0.818	78.92	174.06	541.30			
1/9/00 17:45	1010.00	29.83	0.818	78.92	174.06	541.53			
1/9/00 18:00	1010.00	29.83	0.821	78.92	174.06	542.38	541.82		
1/9/00 18:15	1010.00	29.83	0.814	78.92	174.06	540.31			
1/9/00 18:30	1009.88	29.82	0.821	78.92	174.06	542.59			
1/9/00 18:45	1009.75	29.82	0.815	78.92	174.06	540.57			
1/9/00 19:00	1009.63	29.81	0.809	79.44	175.00	539.15	539.99		
1/9/00 19:15	1009.83	29.81	0.809	79.44	175.00	538.91			
1/9/00 19:30	1009.63	29.81	0.808	79.70	175.47	538.71			
1/9/00 19:45	1009.63	29.81	0.805	79.70	175.47	537.88			
1/9/00 20:00	1009.38	29.81	0.803	79.97	175.94	537.51	529.17		
1/9/00 20:15	1009.38	29.81	0.884	73.17	183.71	491.40			
1/9/00 20:30	1009.13	29.80	0.814	78.66	173.59	540.34			
1/9/00 20:45	1008.88	29.79	0.813	79.18	174.53	540.38			
1/9/00 21:00	1008.63	29.78	0.815	79.18	174.53	541.08	540.98		
1/9/00 21:15	1008.50	29.78	0.818	79.44	175.00	542.14			
1/9/00 21:30	1008.25	29.77	0.814	79.18	174.53	540.98			
1/9/00 21:45	1008.00	29.77	0.818	78.92	174.06	542.07			
1/9/00 22:00	1007.88	29.76	0.819	78.92	174.06	542.53	542.06		
1/9/00 22:15	1007.75	29.76	0.823	78.92	174.06	543.59			
1/9/00 22:30	1007.63	29.76	0.815	78.92	174.06	541.14			
1/9/00 22:45	1007.50	29.75	0.811	79.44	175.00	540.11			
1/9/00 23:00	1007.13	29.74	0.808	79.70	175.47	539.58	540.34		
1/9/00 23:15	1006.88	29.73	0.810	79.70	175.47	540.28			
1/9/00 23:30	1006.50	29.72	0.810	79.97	175.94	540.58			
1/9/00 23:45	1006.25	29.71	0.807	80.23	176.41	539.81			
1/10/00 0:00	1006.00	29.71	0.803	80.23	176.41	538.61	540.44		
1/10/00 0:15	1005.83	29.70	0.809	80.23	176.41	540.82			
1/10/00 0:30	1005.25	29.69	0.815	79.70	175.47	542.38			
1/10/00 0:45	1005.00	29.68	0.818	79.70	175.47	543.28			
1/10/00 1:00	1004.83	29.67	0.816	79.70	175.47	542.75	542.69		
1/10/00 1:15	1003.88	29.64	0.817	79.44	175.00	543.19			
1/10/00 1:30	1003.38	29.63	0.813	79.18	174.53	541.86			
1/10/00 1:45	1002.88	29.61	0.815	79.44	175.00	542.83			
1/10/00 2:00	1002.63	29.61	0.815	79.70	175.47	543.09	542.69		
1/10/00 2:15	1002.13	29.59	0.813	79.70	175.47	542.60			
1/10/00 2:30	1001.88	29.59	0.814	79.70	175.47	543.10			
1/10/00 2:45	1002.13	29.59	0.809	79.97	175.94	541.56			
1/10/00 3:00	1001.83	29.58	0.806	80.23	176.41	540.82	541.26		
1/10/00 3:15	1001.13	29.56	0.805	80.23	176.41	540.56			
1/10/00 3:30	1000.50	29.54	0.803	80.49	178.88	540.29			
1/10/00 3:45	1000.00	29.53	0.801	80.75	177.35	539.78			
1/10/00 4:00	999.63	29.52	0.799	80.75	177.35	539.24	539.86		
1/10/00 4:15	999.13	29.50	0.798	81.01	177.82	539.37			
1/10/00 4:30	999.13	29.50	0.803	80.75	177.35	540.85			
1/10/00 4:45	999.00	29.50	0.811	80.49	176.88	543.21			
1/10/00 5:00	998.75	29.49	0.813	80.23	176.41	543.71	542.73		
1/10/00 5:15	998.50	29.49	0.809	80.23	176.41	542.74			
1/10/00 5:30	997.75	29.46	0.811	80.23	176.41	543.35			
1/10/00 5:45	997.38	29.45	0.809	79.97	175.94	542.81			
1/10/00 6:00	997.38	29.45	0.811	79.97	175.94	543.45	543.21		
1/10/00 6:15	997.00	29.44	0.811	79.70	175.47	543.35			
1/10/00 6:30	996.50	29.43	0.810	79.97	175.94	543.29			
1/10/00 6:45	996.25	29.42	0.809	79.97	175.94	542.92			
1/10/00 7:00	996.63	29.43	0.804	80.23	176.41	541.34	541.40		
1/10/00 7:15	996.75	29.43	0.797	80.49	178.88	539.21			
1/10/00 7:30	996.83	29.43	0.799	81.01	177.82	540.25			
1/10/00 7:45	996.63	29.43	0.794	81.53	178.78	539.19			

301TELOG99.XLS

Date Time	Bar Press mlibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/10/00 8:00	996.63	29.43	0.796	81.53	178.76	539.60	539.72		
1/10/00 8:15	996.63	29.43	0.794	81.53	178.76	538.95			
1/10/00 8:30	996.86	29.44	0.799	81.27	178.29	540.62			
1/10/00 8:45	997.13	29.45	0.808	81.01	177.82	543.28			
1/10/00 9:00	997.38	29.45	0.810	80.75	177.35	543.65	542.76		
1/10/00 9:15	997.50	29.46	0.809	80.75	177.35	543.18			
1/10/00 9:30	997.88	29.47	0.809	80.75	177.35	543.08			
1/10/00 9:45	997.88	29.47	0.808	80.75	177.35	542.24			
1/10/00 10:00	998.00	29.47	0.791	82.58	180.64	538.32	541.99		
1/10/00 10:15	998.25	29.48	0.813	80.75	177.35	544.25			
1/10/00 10:30	998.50	29.49	0.805	81.27	178.29	542.07			
1/10/00 10:45	998.75	29.49	0.803	81.27	178.29	541.36			
1/10/00 11:00	999.38	29.51	0.801	81.27	178.29	540.34	539.71		
1/10/00 11:15	999.75	29.52	0.794	81.27	178.29	537.91			
1/10/00 11:30	999.63	29.52	0.791	81.27	178.29	538.69			
1/10/00 11:45	999.63	29.52	0.789	81.27	178.29	536.48			
1/10/00 12:00	999.63	29.52	0.789	81.80	179.23	536.88	537.90		
1/10/00 12:15	999.63	29.52	0.799	81.53	178.76	539.63			
1/10/00 12:30	999.88	29.53	0.799	80.75	177.35	539.41			
1/10/00 12:45	1000.00	29.53	0.799	81.01	177.82	539.34			
1/10/00 13:00	1000.25	29.54	0.804	81.53	178.76	541.35	540.75		
1/10/00 13:15	1000.13	29.53	0.803	81.53	178.76	541.18			
1/10/00 13:30	1000.13	29.53	0.807	81.53	178.76	542.46			
1/10/00 13:45	1000.50	29.54	0.803	81.80	179.23	541.08			
1/10/00 14:00	1000.88	29.56	0.793	82.06	179.70	538.00	514.49		
1/10/00 14:15	1001.13	29.56	0.794	82.32	180.17	538.57			
1/10/00 14:30	1001.25	29.57	0.479	72.85	162.77	412.33			
1/10/00 14:45	1001.50	29.57	0.000	58.54	137.37	0.00			
1/10/00 15:00	1001.50	29.57	0.463	62.72	144.90	399.64	378.00		
1/10/00 15:15	1001.63	29.58	0.798	79.70	175.47	537.50			
1/10/00 15:30	1001.88	29.59	0.803	81.27	178.29	540.51			
1/10/00 15:45	1002.13	29.59	0.809	81.53	178.76	542.53			
1/10/00 16:00	1002.25	29.60	0.809	81.53	178.78	542.73	542.42		
1/10/00 16:15	1002.38	29.60	0.811	81.53	178.76	543.09			
1/10/00 16:30	1002.63	29.61	0.811	81.53	178.76	543.23			
1/10/00 16:45	1003.00	29.62	0.809	81.27	178.29	542.32			
1/10/00 17:00	1003.25	29.63	0.808	80.75	177.35	541.42	541.39		
1/10/00 17:15	1003.38	29.63	0.804	81.27	178.29	540.55			
1/10/00 17:30	1003.50	29.63	0.801	81.53	178.76	539.43			
1/10/00 17:45	1003.75	29.64	0.800	81.53	178.76	539.16			
1/10/00 18:00	1003.88	29.64	0.796	81.53	178.76	537.64	538.90		
1/10/00 18:15	1004.00	29.65	0.798	81.53	178.76	538.45			
1/10/00 18:30	1003.88	29.64	0.804	80.49	176.88	539.81			
1/10/00 18:45	1003.88	29.64	0.806	80.23	176.41	540.02			
1/10/00 19:00	1004.00	29.65	0.809	79.97	175.94	540.82	540.38		
1/10/00 19:15	1004.25	29.66	0.808	79.70	175.47	540.35			
1/10/00 19:30	1004.50	29.66	0.810	79.70	175.47	540.92			
1/10/00 19:45	1004.63	29.67	0.811	79.70	175.47	541.09			
1/10/00 20:00	1004.63	29.67	0.810	79.70	175.47	540.89	531.93		
1/10/00 20:15	1004.50	29.66	0.811	79.18	174.53	540.72			
1/10/00 20:30	1004.38	29.66	0.695	72.65	162.77	496.05			
1/10/00 20:45	1004.13	29.65	0.806	79.44	175.00	539.35			
1/10/00 21:00	1004.00	29.65	0.807	79.70	175.47	540.02	531.02		
1/10/00 21:15	1003.88	29.64	0.805	79.70	175.47	539.42			
1/10/00 21:30	1003.88	29.64	0.808	79.70	175.47	540.25			
1/10/00 21:45	1003.63	29.64	0.813	79.70	175.47	541.99			
1/10/00 22:00	1003.38	29.63	0.809	79.18	174.53	540.39	540.24		
1/10/00 22:15	1003.25	29.63	0.807	79.18	174.53	539.82			
1/10/00 22:30	1003.25	29.63	0.803	79.70	175.47	538.74			
1/10/00 22:45	1003.13	29.62	0.801	79.44	175.00	537.94			
1/10/00 23:00	1003.00	29.62	0.799	79.44	175.00	537.57	537.78		
1/10/00 23:15	1002.75	29.61	0.798	79.18	174.53	536.80			
1/10/00 23:30	1002.75	29.61	0.801	78.92	174.06	537.84			
1/10/00 23:45	1002.63	29.61	0.807	78.66	173.59	539.59			
1/11/00 0:00	1002.50	29.60	0.808	78.66	173.59	539.82	539.53		
1/11/00 0:15	1002.38	29.60	0.808	78.66	173.59	540.06			
1/11/00 0:30	1002.00	29.59	0.809	78.66	173.59	540.36			
1/11/00 0:45	1002.25	29.60	0.811	78.66	173.59	540.92			
1/11/00 1:00	1002.00	29.59	0.807	78.92	174.06	539.96	539.89		
1/11/00 1:15	1002.00	29.59	0.805	79.44	175.00	539.72			
1/11/00 1:30	1001.88	29.59	0.800	79.97	175.94	538.47			
1/11/00 1:45	1002.00	29.59	0.799	80.23	176.41	538.20			
1/11/00 2:00	1002.13	29.59	0.798	80.23	176.41	537.76	536.30		
1/11/00 2:15	1002.38	29.60	0.796	80.49	176.88	537.46			
1/11/00 2:30	1003.00	29.62	0.804	80.23	176.41	539.61			
1/11/00 2:45	1003.75	29.64	0.810	79.97	175.94	541.32			
1/11/00 3:00	1004.00	29.65	0.812	79.70	175.47	541.69	541.55		
1/11/00 3:15	1004.50	29.66	0.816	79.44	175.00	542.79			
1/11/00 3:30	1004.75	29.67	0.816	79.18	174.53	542.32			
1/11/00 3:45	1004.75	29.67	0.815	79.18	174.53	542.12			
1/11/00 4:00	1005.00	29.68	0.814	79.18	174.53	541.85	541.30		
1/11/00 4:15	1005.25	29.69	0.814	79.18	174.53	541.78			
1/11/00 4:30	1005.25	29.69	0.804	79.18	174.53	538.45			
1/11/00 4:45	1005.25	29.69	0.803	79.44	175.00	538.21			
1/11/00 5:00	1005.38	29.69	0.803	79.18	174.53	537.98	537.79		
1/11/00 5:15	1005.38	29.69	0.803	78.92	174.06	537.58			
1/11/00 5:30	1005.38	29.69	0.800	78.92	174.06	536.74			
1/11/00 5:45	1005.25	29.69	0.804	78.40	173.12	537.81			
1/11/00 6:00	1005.38	29.69	0.811	77.35	171.24	539.06	538.66		
1/11/00 6:15	1005.50	29.69	0.814	77.09	170.77	539.68			
1/11/00 6:30	1005.63	29.70	0.814	77.09	170.77	540.07			
1/11/00 6:45	1005.75	29.70	0.815	77.09	170.77	540.24			
1/11/00 7:00	1006.00	29.71	0.380	60.11	140.19	359.80	288.02		
1/11/00 7:15	1006.25	29.71	0.000	50.18	122.32	0.00			
1/11/00 7:30	1006.63	29.73	0.000	43.38	110.09	0.00			
1/11/00 7:45	1006.88	29.73	0.000	37.90	100.22	0.00			
1/11/00 8:00	1007.25	29.74	0.000	33.72	92.69	0.00	0.00		
1/11/00 8:15	1007.63	29.76	0.000	30.58	87.05	0.00			
1/11/00 8:30	1007.88	29.76	0.000	28.23	82.81	0.00			
1/11/00 8:45	1008.25	29.77	0.000	26.40	79.52	0.00			
1/11/00 9:00	1008.63	29.78	0.000	24.57	76.23	0.00	0.00		
1/11/00 9:15	1009.25	29.80	0.000	23.00	73.41	0.00			
1/11/00 9:30	875.38	25.85	0.000	21.96	71.53	0.00			
1/11/00 9:45	786.25	23.22	0.000	20.85	69.17	0.00			
1/11/00 10:00	1011.00	29.85	0.000	18.82	65.88	0.00	0.00		
1/11/00 10:15	1011.38	29.87	0.000	18.04	64.47	0.00			
1/11/00 10:30	1011.50	29.87	0.000	17.52	63.53	0.00			
1/11/00 10:45	1011.88	29.88	0.000	17.26	63.06	0.00			
1/11/00 11:00	1012.13	29.89	0.000	16.99	62.59	0.00	0.00		
1/11/00 11:15	1012.38	29.90	0.000	16.47	61.65	0.00			
1/11/00 11:30	1012.63	29.90	0.000	16.21	61.18	0.00			
1/11/00 11:45	1012.88	29.91	0.000	16.21	61.18	0.00			
1/11/00 12:00	1013.13	29.92	0.000	16.21	61.18	0.00	0.00		
1/11/00 12:15	1013.38	29.92	0.000	16.21	61.18	0.00			
1/11/00 12:30	1013.63	29.93	0.000	14.84	58.36	0.00			
1/11/00 12:45	1013.88	29.94	0.000	13.07	55.53	0.00			
1/11/00 13:00	1014.38	29.95	0.540	34.76	94.57	410.58	319.42		
1/11/00 13:15	1014.63	29.96	1.031	56.97	134.55	587.23			
1/11/00 13:30	1015.00	29.97	1.074	56.97	134.55	599.30			

301TELOG99.XLS

Date Time	Bar Press mBibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/11/00 13:45	1015.13	29.98	0.858	67.69	153.83	544.13			
1/11/00 14:00	1015.25	29.98	0.408	63.24	145.84	372.90	512.78		
1/11/00 14:15	1015.25	29.98	0.773	75.79	168.41	522.72			
1/11/00 14:30	1015.75	30.00	0.771	79.70	175.47	524.87			
1/11/00 14:45	1015.88	30.00	0.773	80.23	176.41	525.88			
1/11/00 15:00	1018.13	30.01	0.773	80.49	176.88	526.01	392.79		
1/11/00 15:15	1018.63	30.02	0.432	70.04	158.07	367.21			
1/11/00 15:30	1017.00	30.03	0.000	54.88	130.79	0.00			
1/11/00 15:45	1017.00	30.03	0.113	46.26	115.27	190.62			
1/11/00 16:00	1017.00	30.03	0.776	72.39	162.30	520.77	352.31		
1/11/00 16:15	1017.38	30.04	0.776	78.40	173.12	524.98			
1/11/00 16:30	1017.75	30.05	0.773	79.97	175.94	525.20			
1/11/00 16:45	1017.75	30.05	0.771	80.49	176.88	524.94			
1/11/00 17:00	1017.75	30.05	0.768	80.75	177.35	523.87	524.16		
1/11/00 17:15	1017.88	30.06	0.766	80.49	176.88	523.20			
1/11/00 17:30	1018.13	30.07	0.768	80.49	176.88	523.58			
1/11/00 17:45	1018.50	30.08	0.763	80.49	176.86	521.78			
1/11/00 18:00	1018.50	30.08	0.762	80.49	176.88	521.57	522.33		
1/11/00 18:15	1018.75	30.08	0.763	80.23	176.41	521.73			
1/11/00 18:30	1019.00	30.09	0.768	79.70	175.47	522.98			
1/11/00 18:45	1018.88	30.09	0.771	78.92	174.06	523.49			
1/11/00 19:00	1019.00	30.09	0.772	78.40	173.12	523.30	523.02		
1/11/00 19:15	1019.00	30.09	0.771	78.14	172.65	522.67			
1/11/00 19:30	1019.25	30.10	0.772	77.61	171.71	522.66			
1/11/00 19:45	1019.75	30.11	0.768	77.61	171.71	521.24			
1/11/00 20:00	1020.00	30.12	0.766	77.88	172.18	520.52	521.08		
1/11/00 20:15	1020.25	30.13	0.764	78.40	173.12	520.44			
1/11/00 20:30	1020.63	30.14	0.764	78.66	173.59	520.53			
1/11/00 20:45	1020.88	30.15	0.763	78.92	174.06	520.22			
1/11/00 21:00	1021.00	30.15	0.764	79.18	174.53	520.59	520.63		
1/11/00 21:15	1021.25	30.16	0.766	79.70	175.47	521.56			
1/11/00 21:30	1021.36	30.16	0.762	79.70	175.47	520.26			
1/11/00 21:45	1021.38	30.16	0.764	79.70	175.47	521.11			
1/11/00 22:00	1021.50	30.16	0.766	79.70	175.47	521.49	522.14		
1/11/00 22:15	1021.75	30.17	0.773	79.18	174.53	523.38			
1/11/00 22:30	1021.75	30.17	0.776	78.92	174.06	524.44			
1/11/00 22:45	1021.88	30.18	0.778	78.66	173.59	524.88			
1/11/00 23:00	1021.88	30.18	0.776	78.14	172.65	523.82	524.13		
1/11/00 23:15	1022.25	30.19	0.778	77.88	172.18	524.18			
1/11/00 23:30	1022.38	30.19	0.777	77.61	171.71	523.54			
1/11/00 23:45	1022.38	30.19	0.776	77.61	171.71	523.11			
1/12/00 0:00	1022.13	30.18	0.766	78.14	172.65	520.38	521.54		
1/12/00 0:15	1021.88	30.18	0.765	78.40	173.12	520.23			
1/12/00 0:30	1021.88	30.18	0.766	78.40	173.12	520.43			
1/12/00 0:45	1021.63	30.17	0.764	78.40	173.12	519.85			
1/12/00 1:00	1021.50	30.16	0.765	78.14	172.65	520.13	519.73		
1/12/00 1:15	1021.63	30.17	0.764	78.14	172.65	519.89			
1/12/00 1:30	1021.88	30.18	0.761	77.88	172.18	518.34			
1/12/00 1:45	1021.88	30.18	0.761	77.61	171.71	518.35			
1/12/00 2:00	1022.00	30.18	0.763	77.61	171.71	518.97	519.56		
1/12/00 2:15	1022.25	30.19	0.771	77.35	171.24	521.46			
1/12/00 2:30	1022.25	30.19	0.771	76.57	169.82	520.67			
1/12/00 2:45	1022.63	30.20	0.776	76.31	169.35	522.27			
1/12/00 3:00	1023.13	30.21	0.775	76.31	169.35	521.74	521.24		
1/12/00 3:15	1023.25	30.22	0.773	76.05	168.88	520.87			
1/12/00 3:30	1023.25	30.22	0.773	76.05	168.88	520.87			
1/12/00 3:45	1023.25	30.22	0.772	76.05	168.88	520.47			
1/12/00 4:00	1023.25	30.22	0.766	76.31	169.35	518.53	519.04		
1/12/00 4:15	1023.38	30.22	0.764	76.31	169.35	516.09			
1/12/00 4:30	1023.50	30.22	0.763	76.31	169.35	517.42			
1/12/00 4:45	1023.50	30.22	0.764	76.05	168.88	517.63			
1/12/00 5:00	1023.50	30.22	0.763	76.05	168.88	517.43	517.12		
1/12/00 5:15	1023.50	30.22	0.761	76.05	168.88	516.78			
1/12/00 5:30	1023.75	30.23	0.760	76.05	168.88	516.31			
1/12/00 5:45	1024.00	30.24	0.759	76.31	169.35	516.24			
1/12/00 6:00	1024.13	30.24	0.759	76.05	168.88	515.78	517.09		
1/12/00 6:15	1023.88	30.23	0.768	75.79	168.41	518.63			
1/12/00 6:30	1023.63	30.23	0.768	75.52	167.94	518.50			
1/12/00 6:45	1023.50	30.22	0.768	75.26	167.47	518.34			
1/12/00 7:00	1023.50	30.22	0.911	67.95	154.30	558.82	522.87		
1/12/00 7:15	1023.63	30.23	0.801	70.82	159.48	525.98			
1/12/00 7:30	1023.63	30.23	0.882	81.27	178.29	492.74			
1/12/00 7:45	1023.25	30.22	0.814	75.26	187.47	533.77			
1/12/00 8:00	1023.25	30.22	0.895	67.16	152.89	553.26	537.13		
1/12/00 8:15	1023.25	30.22	0.894	66.64	151.95	552.65			
1/12/00 8:30	1023.25	30.22	0.896	66.90	152.42	553.24			
1/12/00 8:45	1023.13	30.21	0.898	67.16	152.89	554.25			
1/12/00 9:00	1023.13	30.21	0.898	67.69	153.83	554.09	554.51		
1/12/00 9:15	1022.88	30.21	0.897	68.21	154.77	554.80			
1/12/00 9:30	1023.00	30.21	0.900	68.73	155.71	556.15			
1/12/00 9:45	1022.88	30.21	0.899	69.51	157.13	556.42			
1/12/00 10:00	1022.75	30.20	0.703	81.27	178.29	500.55	532.87		
1/12/00 10:15	1022.63	30.20	0.705	84.93	184.88	503.84			
1/12/00 10:30	1022.50	30.19	0.849	77.88	172.18	547.37			
1/12/00 10:45	1022.38	30.19	0.905	71.67	161.38	560.41			
1/12/00 11:00	1022.13	30.18	0.902	72.13	161.83	559.73	557.94		
1/12/00 11:15	1021.88	30.18	0.908	72.39	162.30	561.75			
1/12/00 11:30	1021.75	30.17	0.903	72.65	162.77	560.45			
1/12/00 11:45	1021.25	30.16	0.904	73.17	163.71	561.38			
1/12/00 12:00	1020.68	30.15	0.905	73.43	164.18	562.10	561.29		
1/12/00 12:15	1020.75	30.14	0.900	73.43	164.18	560.58			
1/12/00 12:30	1020.13	30.12	0.903	73.96	165.12	561.95			
1/12/00 12:45	1019.63	30.11	0.900	74.48	166.06	561.73			
1/12/00 13:00	1019.25	30.10	0.902	74.48	166.06	562.43	562.29		
1/12/00 13:15	1018.88	30.09	0.903	74.74	166.53	562.93			
1/12/00 13:30	1018.63	30.08	0.901	74.74	166.53	562.40			
1/12/00 13:45	1018.75	30.08	0.924	74.22	165.59	569.11			
1/12/00 14:00	1018.50	30.08	0.816	79.70	175.47	539.04	549.11		
1/12/00 14:15	1018.00	30.06	0.809	81.27	178.29	536.31			
1/12/00 14:30	1017.75	30.05	0.803	81.80	179.23	536.68			
1/12/00 14:45	1017.50	30.05	0.801	82.06	179.70	536.10			
1/12/00 15:00	1017.25	30.04	0.799	82.32	180.17	535.96	535.63		
1/12/00 15:15	1016.88	30.03	0.796	82.58	180.64	535.18			
1/12/00 15:30	1016.50	30.02	0.793	82.84	181.11	534.23			
1/12/00 15:45	1016.00	30.00	0.787	82.84	181.11	532.47			
1/12/00 16:00	1015.63	29.99	0.785	83.10	181.58	532.12	532.33		
1/12/00 16:15	1015.50	29.99	0.784	83.10	181.58	531.95			
1/12/00 16:30	1015.63	29.99	0.782	82.84	181.11	530.88			
1/12/00 16:45	1015.75	30.00	0.781	83.10	181.58	530.60			
1/12/00 17:00	1015.75	30.00	0.785	83.10	181.58	532.09	530.92		
1/12/00 17:15	1015.75	30.00	0.781	83.10	181.58	530.60			
1/12/00 17:30	1015.63	29.99	0.780	83.10	181.58	530.43			
1/12/00 17:45	1015.75	30.00	0.774	83.10	181.58	528.49			
1/12/00 18:00	1015.63	29.99	0.772	83.10	181.58	527.87	528.54		
1/12/00 18:15	1015.38	29.98	0.773	83.10	181.58	528.14			
1/12/00 18:30	1015.13	29.98	0.773	83.10	181.58	528.00			
1/12/00 18:45	1014.88	29.97	0.773	83.10	181.58	528.27			
1/12/00 19:00	1014.50	29.96	0.776	82.84	181.11	529.23	529.35		
1/12/00 19:15	1014.00	29.94	0.781	82.06	179.70	530.28			

301TELOG99.XLS

Date Time	Bar Press millibar	Bar Press "Hg	Dif Press "WC	Air Temp Deg. C	Air Temp Deg. F	Calc Flow (SCFM)	Hourly (Ave)	Man Flow (SCFM)	Delta (SCFM)
1/12/00 19:30	1013.75	29.94	0.783	82.06	179.70	530.99			
1/12/00 19:45	1013.38	29.92	0.781	82.06	179.70	530.88			
1/12/00 20:00	1013.13	29.92	0.781	82.06	179.70	530.74	530.59		
1/12/00 20:15	1013.00	29.91	0.780	82.06	179.70	530.33			
1/12/00 20:30	1012.75	29.91	0.779	82.06	179.70	530.20			
1/12/00 20:45	1012.63	29.90	0.781	82.32	180.17	530.83			
1/12/00 21:00	1012.63	29.90	0.774	82.84	181.11	528.87	529.13		
1/12/00 21:15	1012.63	29.90	0.773	82.84	181.11	528.66			
1/12/00 21:30	1012.13	29.89	0.768	82.84	181.11	527.08			
1/12/00 21:45	1011.63	29.87	0.768	82.84	181.11	527.01			
1/12/00 22:00	1011.25	29.88	0.768	82.84	181.11	527.31	527.17		
1/12/00 22:15	1011.00	29.85	0.768	82.84	181.11	527.17			
1/12/00 22:30	1010.63	29.84	0.768	82.84	181.11	527.27			
1/12/00 22:45	1010.38	29.84	0.767	82.84	181.11	527.12			
1/12/00 23:00	1010.00	29.83	0.763	83.10	181.58	526.11	528.57		
1/12/00 23:15	1010.00	29.83	0.763	83.10	181.58	525.90			
1/12/00 23:30	1009.75	29.82	0.764	82.84	181.11	528.43			
1/12/00 23:45	1009.50	29.81	0.773	82.32	180.17	529.09			

Attachment M

Examples of

Monthly System Reports to FFA (Monthly Progress Report)

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,721,570	7,712	3,729,282	139,132,535	132,481	139,265,016
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
3,054	10/27/99	3,125	01/31/00	(Average of SNL and BWXT Calculations)	
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
672	0.42	99.94	0.06		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
20.86	11/10/99	21.44	01/31/00	(BWXT Calculated)	
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
18	97.32	2.68			

Note: Operating hours based on 01/03/00 to 01/31/00

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
4,329,205	2,204	4,331,409	135,410,935	124,769	135,535,704
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
3,054	10/27/99	3,095	12/31/99	(Average of SNL and BWXT Calculations)	
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
960	2.5	99.74	0.26		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
20.86	11/10/99	21.08	12/14/99	(BWXT Calculated)	
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
32	96.67	3.33			

Note: Operating hours based on 11/24/99 to 01/03/00

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Split samples taken on OU-1 Pump-and-Treat and analyzed on the Building 34 Gas Chromatograph (GC). A sample of the standard used to calibrate the Building 34 GC was also sent to the independent analytical laboratory (TestAmerica, Inc.) for analysis with the Pump-and-Treat samples. Upon receipt of the results, characterization of the Building 34 GC will be performed. This is the remaining step needed prior to restart of Air Sparging (AS) in specific areas of interest in OU-1 (i.e., AS around test well 370). Final consultation of the ITRD group will occur prior to restart of the AS system, which includes the OEPA.

Pump-and-Treat extraction well 412 started exhibiting an undesirably low pumping rate (approximately 19 gallons per minute). Further investigation has determined that the low rate is not associated with the specific capacity of the well but rather with the pump itself. A contract with a subcontractor, for the replacement of the suspect pump, has been effected. Other than the aforementioned, the systems in OU-1 are performing in an exemplary fashion.

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,218,915	0	3,218,915	131,081,730	122,565	131,204,295
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
3,054	10/27/99	- No Data -	Corrupted Spreadsheet	(Average of SNL and BWXT Calculations)	
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
672	0	100	0		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
20.75	10/27/99	20.86	11/10/99	(BWXT Calculated)	
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
0	100	0			

Note: Operating hours based on 10/27/99 to 11/24/99

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,633,770	0	3,633,770	127,862,815	122,565	127,985,380
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
3,002	09/30/99	3,054	10/27/99	(Average of SNL and BWXT Calculations)	
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
648	0	100	0		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
20.52	09/30/99	20.75	10/27/99	(BWXT Calculated)	
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
0	100	0			

Note: Operating hours based on 09/30/99 to 10/27/99

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,719,720	0	3,719,720	124,229,045	122,565	124,351,610
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,867	07/19/99	2,950	09/30/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
720	2	99.72	0.28		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19.88	07/13/99	20.52	09/30/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
0.18	99.98	0.02			

Note: Operating hours based on 08/31/99 to 09/30/99

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
4,371,057	159	4,371,216	120,509,325	122,565	120,631,890
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,867	07/19/99				
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
864	0	100.00	0.00		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19.88	07/13/99				
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
0.33	99.96	0.04			

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,361,348	911	3,362,259	116,138,268	122,406	116,260,674
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,851	06/01/99	2,908	07/26/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
648	43.83	93.24	6.76		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
20.64	06/01/99	21.21	07/26/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
43.83	93.24	6.76			

Note: The automatic dialer failed during the July 4th weekend when the Pump and Treat system incurred a shutdown resulting in 43.5 hours of down time for P&T as well as AS/SVE.

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
4,422,740	1,705	4,424,445	112,776,920	121,519	112,898,439
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,813	04/28/99	2,851.43	06/01/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
840	0	100	0		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19.88	03/17/99	20.64	06/01/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
336	60	40			

Note: SVE 6LP blower down as a result of ITRD Tracer Testing

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,403,550	2,151	3,405,701	108,354,180	119,814	108,473,994
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,730	02/25/99	2,813	04/28/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
672	8.5	98.74	1.26		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19.3	01/20/99	19.88	03/17/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
42.5	93.68	6.32			

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,351,975	6,908	3,358,883	104,950,630	117,619	105,068,249
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,730	02/25/99	2,813	04/28/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
648	0	100	0		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19.3	01/20/99	19.88	03/17/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
4.5	99.3	0.7			

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
4,881,520	3,363	4,884,883	101,598,655	110,639	101,709,294
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,594	12/31/98	2,730	02/25/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
744	0.33	99.96	0.04		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19	12/31/98	19.3	01/20/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
372	50	50			

Note: SVE Down Time due to 5LP blower bearing failure, system cleaning, and carbon change.

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,358,670	13658	3,372,328	96,717,135	107,276	96,824,411
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,594	12/31/98	2,730	02/25/99		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
600	0.27	99.95	0.05		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
19	12/31/98	19.3	01/20/99		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
48.57	91.91	8.09			

Note: SVE Down Time mostly (48 hrs) due to 50hp motor bearing failure

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
4,145,155	29,982	4,175,137	93,358,465	64,894	93,423,359
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,380	10/31/98	2,594	12/31/98		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
792	1	99.87	0.13		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
18	10/14/98	19	12/31/98		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
38.75	95.11	4.89			

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
3,563,795	3,616	3,567,411	89,213,310	64,849	89,278,159
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal		
2,380	10/31/98	2,594	12/31/98		
Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)		
720	0.5	99.93	0.07		
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal		
18	10/14/98	19	12/31/98		
SVE Down Time Hours	SVE Operating Time (%)	SVE Down Time (%)			
10	98.61	1.39			

Attachment N

Quarterly Soil Gas Analysis

SAMPLE	ANALYTE											
	dichloromethane (ppmv)		*cis* 1,2 dichloroethene (ppmv)		benzene (ppmv)		trichloroethene (ppmv)		toluene (ppmv)		tetrachloroethene (ppmv)	
	Quarter #4 (02/16/99)	Quarter #5 (05/11/99)	Quarter #4 (02/16/99)	Quarter #5 (05/11/99)	Quarter #4 (02/16/99)	Quarter #5 (05/11/99)	Quarter #4 (02/16/99)	Quarter #5 (05/11/99)	Quarter #4 (02/16/99)	Quarter #5 (05/11/99)	Quarter #4 (02/16/99)	Quarter #5 (05/11/99)
ED-N1	0.030	0.021	0.017	0.006	0.001	0.000	0.032	0.032	0.003	0.004	0.005	0.006
ED-N2	0.021	0.000	0.005	0.011	0.000	0.000	0.021	0.024	0.001	0.001	0.002	0.004
ED-N3	0.118	0.225	0.012	0.004	0.001	0.000	0.017	0.035	0.000	0.002	0.001	0.006
ED-N4	0.024	0.090	0.002	0.002	0.000	0.000	0.012	0.017	0.000	0.000	0.000	0.002
ED-N5	0.026	0.040	0.003	0.000	0.000	0.000	0.009	0.013	0.000	0.000	0.000	0.001
EW-N1	0.086	0.344	2.024	4.607	0.011	0.000	0.148	0.339	0.007	0.030	0.071	0.084
EW-N2	0.041	0.104	0.017	0.089	0.000	0.000	0.020	0.116	0.000	0.009	0.024	0.055
EW-N3	0.126	0.318	6.217	2.530	0.000	0.000	0.255	0.273	0.005	0.011	0.127	0.094
EW-N4	0.020	0.066	0.029	0.120	0.000	0.000	0.140	0.451	0.000	0.003	0.109	0.147
EW-N5	0.178	0.207	3.577	1.917	0.042	0.000	2.743	1.483	0.743	0.494	2.284	1.308
EW-N6	0.020	0.050	0.037	0.070	0.002	0.000	0.115	0.217	0.001	0.014	0.049	0.088
EW-N7	0.000	0.124	3.620	1.999	0.203	0.000	0.000	15.147	0.000	4.746	2.184	0.263
EW-N8	0.027	0.282	0.007	0.891	0.000	0.000	0.007	2.033	0.000	0.149	0.000	0.484
EW-N9	0.012	0.206	0.007	3.605	0.000	0.000	0.008	16.078	0.000	0.000	0.000	4.699
EW-N10	0.027	0.036	0.030	0.039	0.004	0.000	0.064	0.193	0.001	0.000	0.072	0.196
ITRD-1 (N7)	0.000	0.983	3.962	42.746	0.100	0.000	0.000	2.460	0.000	0.003	0.000	0.384
ITRD-2 (N9)	0.011	0.135	0.011	2.189	0.000	0.000	0.014	18.108	0.000	0.098	0.001	1.229
VPMP-1S	0.019	0.073	0.009	0.004	0.000	0.000	0.008	0.022	0.000	0.001	0.002	0.009
VPMP-1M	0.023	0.037	0.037	0.022	0.000	0.000	0.116	0.142	0.000	0.000	0.100	0.105
VPMP-2S	0.047	0.061	0.026	0.022	0.002	0.000	0.053	0.095	0.000	0.004	0.033	0.064
VPMP-2M	0.212	0.725	0.069	0.099	0.004	0.000	0.016	0.053	0.004	0.042	0.004	0.018
VPMP-3	0.387	0.586	0.142	0.151	0.125	0.000	0.273	0.214	0.016	0.015	0.109	0.062
VPMP-4S	0.069	0.320	0.017	0.029	0.000	0.000	0.006	0.035	0.000	0.003	0.001	0.014
VPMP-4M	-	0.131	-	0.129	-	0.000	-	0.407	-	0.003	-	0.073

SAMPLE	ANALYTE											
	dichloromethane		*cis* 1,2 dichloroethene		benzene		trichloroethene		toluene		tetrachloroethene	
	(ppmv)		(ppmv)		(ppmv)		(ppmv)		(ppmv)		(ppmv)	
	Quarter #6	Quarter #7	Quarter #6	Quarter #7	Quarter #6	Quarter #7	Quarter #6	Quarter #7	Quarter #6	Quarter #7	Quarter #6	Quarter #7
	(08/30/99)	(01/19/00)	(08/30/99)	(01/19/00)	(08/30/99)	(01/19/00)	(08/30/99)	(01/19/00)	(08/30/99)	(01/19/00)	(08/30/99)	(01/19/00)
ED-N1	0.000	nd	0.013	nd	0.000	nd	0.024	nd	0.000	nd	0.000	nd
ED-N2	0.000	nd	0.000	nd	0.000	nd	0.013	0.004	0.000	nd	0.000	nd
ED-N3	0.000	nd	0.000	nd	0.000	nd	0.000	nd	0.000	nd	0.000	nd
ED-N4	0.000	nd	0.000	nd	0.000	nd	0.023	nd	0.000	nd	0.000	nd
ED-N5	0.000	nd	0.000	nd	0.000	nd	0.000	nd	0.000	nd	0.000	nd
EW-N1	0.008	nd	0.038	0.025	0.000	nd	0.334	0.082	0.033	nd	0.074	nd
EW-N2	0.000	nd	0.006	nd	0.000	nd	0.172	nd	0.009	nd	0.037	nd
EW-N3	0.009	nd	0.244	0.038	0.000	nd	0.270	0.058	0.000	nd	0.081	nd
EW-N4	0.000	nd	0.055	0.009	0.000	nd	0.313	0.091	0.000	nd	0.129	0.033
EW-N5	0.000	nd	2.148	5.664	0.024	0.012	2.035	4.317	1.139	0.285	2.208	2.803
EW-N6	0.000	nd	0.047	0.135	0.000	nd	0.233	0.192	0.022	nd	0.093	0.088
EW-N7	0.207	nd	16.124	2.788	0.058	nd	97.545	18.596	0.000	0.245	0	0.173
EW-N8	0.000	nd	0.514	0.005	0.000	nd	0.581	0.005	0.000	nd	0.071	nd
EW-N9	0.000	nd	2.194	1.128	0.000	nd	5.145	2.841	0.000	nd	6.209	3.388
EW-N10	0.008	nd	0.025	nd	0.000	nd	0.254	0.068	0.000	nd	0.362	0.062
ITRD-1 (N7)	0.000	nd	0.174	0.122	0.000	nd	1.009	0.396	0.000	nd	0.133	0.014
ITRD-2 (N9)	0.023	nd	0.000	0.374	0.008	nd	5.368	2.316	0.006	nd	0.997	0.427
VPMP-1S	0.009	nd	0.004	nd	0.004	nd	0.027	nd	0	nd	0.002	nd
VPMP-1M	0.003	nd	0.017	nd	0.000	nd	0.168	0.045	0	nd	0.174	0.015
VPMP-2S	0.000	nd	0.008	nd	0.000	nd	0.027	nd	0.000	nd	0.004	nd
VPMP-2M	0.041	nd	0.016	0.011	0.009	nd	0.013	nd	0.027	nd	0	nd
VPMP-3	0.123	nd	0.070	nd	0.133	nd	0.166	nd	0.000	nd	0.069	nd
VPMP-4S	0.000	nd	0.000	nd	0.000	0.025	0.010	nd	0.000	nd	0.000	nd
VPMP-4M	0.000	nd	0.055	0.064	0.013	0.008	0.234	0.158	0.000	nd	0.052	0.005

Attachment O

Examples of Summa Analytical Results

DATA CHEM LABORATORIES
A SORENSON COMPANY

9/29/99

Submitted To: Mark Spivey
Babcock & Wilcox of Ohio, Inc.
P.O. Box 3030
Miamisburg, OH
45343-3030

Reference Data:

Sample Location:	SVE Zone 2 & SVE Zone 1
Sample Type:	Silco Cannisters
Client Sample No.:	108111 through 105695
PO #:	1999-01364
Method Reference:	TO-14 Modified
Sample Set ID#:	99-M-5378
DATACHEM Lab No.:	99-31556 through 99-31557
Analysis Date:	09/17/99

The above numbered samples were analyzed for volatile organic compounds by EPA method TO-14 modified, using an Entech 7000 Cryogenic Preconcentrator and a Hewlett-Packard GC/MS/DS.

Quantitation is based upon average response factors generated from a three point curve.

DataChem will maintain a complete record of your data on magnetic tape including total ion chromatograms and mass spectra for 1 year.

Mark Johnson

Mark Johnson

SALT LAKE CITY OFFICE
960 WEST LoVOY DRIVE
SALT LAKE CITY, UTAH 84123-2547
801 266-7700, FAX 801 268-9992

CINCINNATI OFFICE
4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3706
513 733-5336, FAX 513 733-5347

MARYLAND OFFICE
17624 MACDUFF AVENUE
OLNEY, MARYLAND 20832
301 924-1987, FAX 301 924-1981

Data Table PPB

Client #	108111	105695			**EQL**
CL #	99-31556	99-31557	Blank		
Dichlorodifluoromethane	ND	ND	ND		1
Freon 114	ND	ND	ND		1
Chloromethane	ND	ND	ND		1
Vinyl Chloride	**46**	**9**	ND		1
Bromomethane	ND	ND	ND		1
Chloroethane	ND	ND	ND		1
Trichlorofluoromethane	**16**	**1**	ND		1
1,1-Dichloroethene	ND	ND	ND		1
Freon 113	**53**	**15**	ND		1
Methylene Chloride	**28**	**1**	ND		1
1,1-Dichloroethane	ND	ND	ND		1
Cis-1,2-Dichloroethene	**690****	**110**	ND		1
Chloroform	**130**	**9**	ND		1
1,1,1-Trichloroethane	**2**	**6**	ND		1
Carbon Tetrachloride	**3**	**8**	ND		1
Benzene	**4**	**2**	ND		1
1,2-Dichloroethane	ND	ND	ND		1
Trichloroethene	**2000****	**240**	ND		1
1,2-Dichloropropane	ND	ND	ND		1
cis-1,3-Dichloropropene	ND	ND	ND		1
Toluene	**160**	**29**	ND		1
Trans-1,3-Dichloropropene	ND	ND	ND		1
1,1,2-Trichloroethane	ND	ND	ND		1
Tetrachloroethene	**46**	**190**	ND		1
1,2-Dibromoethane	ND	ND	ND		1
Chlorobenzene	ND	ND	ND		1
Ethylbenzene	ND	ND	ND		1
M&P Xylene	ND	ND	ND		1
O Xylene	ND	ND	ND		1
Styrene	ND	ND	ND		1
1,1,2,2-Tetrachloroethane	ND	ND	ND		1
1,3,5-Trimethylbenzene	ND	ND	ND		1
1,2,4-Trimethylbenzene	ND	ND	ND		1
1,3-Dichlorobenzene	ND	ND	ND		1
1,4-Dichlorobenzene	ND	ND	ND		1
1,2-Dichlorobenzene	ND	ND	ND		1
1,2,4-Trichlorobenzene	ND	ND	ND		1
Hexachlorobutadiene	ND	ND	ND		1

** Indicates quantitation above the highest level of calibration and should be considered an estimate.

Internal Standard Recovery

Client #	108111	105695		
DCL #	99-31556	99-31557	Blank	
% Rec Bromochloromethane	103	107	104	
% Rec 1,4-Difluorobenzene	96	100	97	
% Rec Chlorobenzene-d5	97	94	90	

ND indicates not detected in the sample.

Unknown Compounds Tentative Identification

PPB

Client #	108111	105695		
DCL #	99-31556	99-31557	Blank	
*Trimethyl Silanol		23		
*Trimethyl Pentane Isomer		46		
*Trimethyl Hexane Isomer		55		
Unknown Siloxane		80		
Unknown Alkane		11		

* Tentative identification based on NBS spectral library. Quantitated values are based on a response factor of 1 and comparison to the closest internal standard and should be considered estimates.

Mark Johnson
Analyst

Reviewer

DATA CHEM
LABORATORIES
A SCRENSON COMPANY

9/29/99

Submitted To: Mark Spivey
Babcock & Wilcox of Ohio, Inc.
P.O. Box 3030
Miamisburg, OH
45343-3030

Reference Data:

Sample Location:	SVE Zone 2 & SVE Zone 1
Sample Type:	Silco Cannisters
Client Sample No.:	108111 through 105695
PO #:	1999-01364
Method Reference:	TO-14 Modified
Sample Set ID#:	99-M-5378
DATACHEM Lab No.:	99-31556 through 99-31557
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The above numbered samples were analyzed for volatile organic compounds by EPA method TO-14 modified, using an Entech 7000 Cryogenic Preconcentrator and a Hewlett-Packard GC/MS/DS.

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DataChem will maintain a complete record of your data on magnetic tape including total ion chromatograms and mass spectra for 1 year.

Mark Johnson

Mark Johnson

Data Table PPB

Client #	108111	105695			**EQL**
CL #	99-31556	99-31557	Blank		
Dichlorodifluoromethane	ND	ND	ND		**1**
Freon 114	ND	ND	ND		**1**
Chloromethane	ND	ND	ND		**1**
Vinyl Chloride	**46**	**9**	ND		**1**
Bromomethane	ND	ND	ND		**1**
Chloroethane	ND	ND	ND		**1**
Trichlorofluoromethane	**16**	**1**	ND		**1**
1,1-Dichloroethene	ND	ND	ND		**1**
Freon 113	**53**	**15**	ND		**1**
Methylene Chloride	**28**	**1**	ND		**1**
1,1-Dichloroethane	ND	ND	ND		**1**
Cis-1,2-Dichloroethene	**690****	**110**	ND		**1**
Chloroform	**130**	**9**	ND		**1**
1,1,1-Trichloroethane	**2**	**6**	ND		**1**
Carbon Tetrachloride	**3**	**8**	ND		**1**
Benzene	**4**	**2**	ND		**1**
1,2-Dichloroethane	ND	ND	ND		**1**
Trichloroethene	**2000****	**240**	ND		**1**
1,2-Dichloropropane	ND	ND	ND		**1**
cis-1,3-Dichloropropene	ND	ND	ND		**1**
Toluene	**160**	**29**	ND		**1**
trans-1,3-Dichloropropene	ND	ND	ND		**1**
1,1,2-Trichloroethane	ND	ND	ND		**1**
Tetrachloroethene	**46**	**190**	ND		**1**
1,2-Dibromoethane	ND	ND	ND		**1**
Chlorobenzene	ND	ND	ND		**1**
Ethylbenzene	ND	ND	ND		**1**
M&P Xylene	ND	ND	ND		**1**
O Xylene	ND	ND	ND		**1**
Styrene	ND	ND	ND		**1**
1,1,2,2-Tetrachloroethane	ND	ND	ND		**1**
1,3,5-Trimethylbenzene	ND	ND	ND		**1**
1,2,4-Trimethylbenzene	ND	ND	ND		**1**
1,3-Dichlorobenzene	ND	ND	ND		**1**
1,4-Dichlorobenzene	ND	ND	ND		**1**
1,2-Dichlorobenzene	ND	ND	ND		**1**
1,2,4-Trichlorobenzene	ND	ND	ND		**1**
Hexachlorobutadiene	ND	ND	ND		**1**

****** Indicates quantitation above the highest level of calibration and should be considered an estimate.

Internal Standard Recovery

Client #	108111	105695		
DCL #	99-31556	99-31557	Blank	
% Rec Bromochloromethane	103	107	104	
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*Trimethyl Hexane Isomer		55		
Unknown Siloxane		80		
Unknown Alkane		11		

* Tentative identification based on NBS spectral library. Quantitated values are based on a response factor of 1 and comparison to the closest internal standard and should be considered estimates.

Mark Johnson
Analyst

Reviewer

99-M-S,37~~88~~ 8/17/99

Babcock & Wilcox of Ohio (Mound)

CHAIN-OF-CUSTODY RECORD

9/16/99

SAMPLE ID	Project Name / Location	Grid or Serial #	Collection Date	Collection Time	Collection Place	Sample Waste Type	Comp. or Grab	No. of Containers	Collector Print	Collector Signature
108111	SVE Zone 2		9/14/99	08:43	301	GAS	G	1 31556	EDWARD BRUMMETT	Edward Brummett
105695	SVE Zone 1		9/15/99	08:11	301	GAS	G	1 31557	EDWARD BRUMMETT	Edward Brummett

Relinquished by:	Date	Received by:	Date	Relinquished by	Date
Print EDWARD BRUMMETT	9/16/99	Print Mark Spivey	9/16/99	Print Mark Spivey	9/16/99
Signature Edward Brummett	Time 07:30	Signature Mark Spivey	Time 07:30	Signature Mark Spivey	Time 07:45
Received by	Date	Relinquished by	Date	Received by:	Date
Print		Print		Print Jan Wilcox	9/17/99
Signature	Time	Signature	Time	Signature	Time 13:06

Chain of Custody record is required documenting the date and time of all persons having possession of the samples from time of collection until the final disposition

Please return a copy of Chain of Custody Record with the receipt report and analysis report.

phone: 865-3709
fax: 865-4145

Per Pam of B&W 9-17-99, 1339

This transmission consists of 15 pages excluding this cover page

Environmental Restoration Technologies Department

FAX

Date: 7/9/99
From: Jim Phelan
Sender's tel #: 505-845-9892
Sender's Fax #: 505-844-0543

To: Mark Spivey / Gary Brown / Vince Fuscari
Company: B&W/Ohio SNL
Phone #: 937-865-3709

FACSIMILE #: 937-865-4455

MESSAGE:

more Summa data

Sandia National Laboratories
P.O. Box 5800
Albuquerque, NM 87185-0719

Origin - COC

Internal Lab Batch No. _____

ANALYSIS REQUEST AND CHAIN OF CUSTODY

SAR/WR No. _____

(Call 284-5514 for AR/COC and Sample Numbers.)

PAGE 1 OF _____

AR/COC- 601719

Dept. No./Mail Stop: 6131 / 0719
Project/Task Manager: Jim Phelan
Project Name: ITRD MOUND CAH
Record Center Code:
Logbook Ref No:
Service Order No.: C-F-06416

Date Samples Shipped: 5-26-99
Waybill No.: [illegible]
Lab Contact: Maria Jones
Lab Destination: Quanterra
SMO Contact/Phone: Doug Salmi (505) 844-3110
Send Report to SMO: Doug Salmi

Contract No.: AJ-2480
Case No.: 7433.30
SMO Authorization _____
Bill to: Sandia National Laboratories, Supplier Services Department, P.O. Box 5800 MS 0154

Parameter & Method Requested: TO14, Halon 1211

M9F0202

Location Tech Area _____ Building _____ Room _____

Sample No. - Fraction	ER Sample ID or Sample Location Detail	Beginning Depth in Ft.	ER Site No.	Date/Time Collected	Sample Matrix	Container Type	Container Volume	Preservative	Sample Collection Method	Sample Type	TO14	Halon 1211
045396-001	Ed. 301-A 10 PPM Gas			5-19-99 08:26	G	SG	4l	NA	G	SA	X	X
045397-001	Ed 301-A 1 PPM Gas			5-26-99 13:30	G	SG	4l	NA	G	SA	X	X

Reference LOV (available at SMO)

RMMA ☐ Yes ☒ No Ref. No. _____

Sample Disposal ☐ Return to Client ☒ Disposal by lab

Turnaround Time ☐ Normal ☒ Rush Required Report Date ASAP

Sample Tracking: Date Entered (mm/dd/yy) _____ Entered by _____ Initials _____

Special Instructions/QC Requirements: EDD ☐ Yes ☐ No; Raw data package ☐ Yes ☐ No

Halon 1211 Analysis as well as TO14

Please list as separate report.

Abnormal Condition Report

Sample Team Members	Name	Signature	Init.	Company/Organization/Phone
	Mark Spivey	Mark Spivey	MS	Soils B&W

1. Relinquished by	Mark Spivey	Org.	Soils	Date	5/27/99	Time	16:30	4. Relinquished by	Org.	Date	Time
1. Received by	Edward Burnett	Org.	Soils	Date	5/27/99	Time	16:30	4. Received by	Org.	Date	Time
2. Relinquished by	Edward Burnett	Org.	Soils	Date	6/1/99	Time	10:25	5. Relinquished by	Org.	Date	Time
2. Received by	Charlene E. Hetta	Org.	Shipping	Date	6/1/99	Time	10:25	5. Received by	Org.	Date	Time
3. Relinquished by	UPS	Org.	UPS	Date	6/2/99	Time	1060	6. Relinquished by	Org.	Date	Time
3. Received by	[illegible]	Org.	Quanterra	Date	6/2/99	Time	1030	6. Received by	Org.	Date	Time

WHITE - To Accompany Samples, Laboratory Copy. BLUE - To Accompany Samples, Return to SMO. YELLOW - SMO Suspense Copy. PINK - Field Copy

JUN 2'99 19:17 FR 714 258 0921 TO 15058443125 P.01

Quanterra

CUSTOMER COPY

RECEIVED
JUN 28 1999
SNL/SMO

ANALYTICAL REPORT

PROJECT NO. CASE# 7433.300

ITRD MOUND OU1

Lot #: M9F020240

Suzi Montano-Jensen

SANDIA NATIONAL LABORATORIES

QUANTERRA INCORPORATED

Maria Jones
Project Manager

June 24, 1999

Quanterra
Environmental Services

Quanterra Incorporated
1721 South Grand Avenue
Santa Ana, California 92705

714 258-8610 Telephone
714 258-0921 Fax

June 24, 1999

QUANTERRA INCORPORATED LOT #: **M9F020240**
PO/CONTRACT: **AJ-2480**

Suzi Montano-Jensen
SANDIA NATIONAL LABORATORIES
1515 Eubank St. SE
Mail Stop 1042
Org 7578 Building T6 Room 8
Albuquerque, NM 87185-0154

Dear Ms. Jensen:

This report contains the analytical results for the two samples received intact under chain of custody record, by Quanterra Incorporated, Santa Ana, CA on June 2, 1999. These samples are associated with your **ITRD MOUND OU1** project.

Please note that ND means not detected at the reporting limits expressed.

All applicable internal quality control (QC) analyses including calibrations, method blanks, duplicate control samples (LCS/LCSD), and other QC met acceptance criteria. Any matrix-related anomalies are indicated using footnotes within the report. There are no other anomalies associated with this report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Noel Cruise FOR
Maria Jones
Air Lab Manager

cc: project file

Quanterra

ANALYTICAL METHODS SUMMARY

M9F020240

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

Quanterra

SAMPLE SUMMARY

M9F020240

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CWFQF	001	045396-001	05/19/99	08:26
CWFQG	002	045397-001	05/26/99	13:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Quanterra

EXECUTIVE SUMMARY - Detection Highlights

M9F020240

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
045396-001 05/19/99 08:26 001				
Methylene chloride	7400	170	ppb(v/v)	EPA-19 TO-14
trans-1,2-Dichloroethene	190	170	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	7600	170	ppb(v/v)	EPA-19 TO-14
2-Butanone (MEK)	180 J	840	ppb(v/v)	EPA-19 TO-14
Benzene	9100	170	ppb(v/v)	EPA-19 TO-14
Trichloroethene	7500	170	ppb(v/v)	EPA-19 TO-14
Toluene	8100	170	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	7800	170	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	7700	170	ppb(v/v)	EPA-19 TO-14
Xylenes (total)	7700	170	ppb(v/v)	EPA-19 TO-14
045397-001 05/26/99 13:30 002				
Methylene chloride	710	11	ppb(v/v)	EPA-19 TO-14
trans-1,2-Dichloroethene	3.4 J	11	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	720	11	ppb(v/v)	EPA-19 TO-14
Benzene	840	11	ppb(v/v)	EPA-19 TO-14
Trichloroethene	710	11	ppb(v/v)	EPA-19 TO-14
Toluene	800	11	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	800	11	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	830	11	ppb(v/v)	EPA-19 TO-14
Xylenes (total)	860	11	ppb(v/v)	EPA-19 TO-14

Quanterra

SANDIA NATIONAL LABORATORIES

Client Sample ID: 045396-001

GC/MS Volatiles

Lot-Sample #...: M9F020240-001 **Work Order #...:** CWFQF102 **Matrix.....:** AIR
Date Sampled...: 05/19/99 **Date Received..:** 06/02/99
Prep Date.....: 06/07/99 **Analysis Date..:** 06/07/99
Prep Batch #...: 9165331 **Analysis Time..:** 16:24
Dilution Factor: 84
Analyst ID.....: 358011 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	170	ppb(v/v)	42
Chloromethane	ND	340	ppb(v/v)	84
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	170	ppb(v/v)	67
Vinyl chloride	ND	170	ppb(v/v)	67
Bromomethane	ND	170	ppb(v/v)	84
Chloroethane	ND	340	ppb(v/v)	67
Trichlorofluoromethane	ND	170	ppb(v/v)	67
1,1-Dichloroethene	ND	170	ppb(v/v)	42
Carbon disulfide	ND	840	ppb(v/v)	170
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	170	ppb(v/v)	42
Acetone	ND	840	ppb(v/v)	170
Methylene chloride	**7400**	**170**	**ppb(v/v)**	**67**
trans-1,2-Dichloroethene	**190**	**170**	**ppb(v/v)**	**42**
1,1-Dichloroethane	ND	170	ppb(v/v)	42
Vinyl acetate	ND	840	ppb(v/v)	170
cis-1,2-Dichloroethene	**7600**	**170**	**ppb(v/v)**	**67**
2-Butanone (MEK)	ND	840	ppb(v/v)	170
Chloroform	ND	170	ppb(v/v)	67
1,1,1-Trichloroethane	ND	170	ppb(v/v)	42
Carbon tetrachloride	ND	170	ppb(v/v)	42
Benzene	**9100**	**170**	**ppb(v/v)**	**67**
1,2-Dichloroethane	ND	170	ppb(v/v)	67
Trichloroethene	**7500**	**170**	**ppb(v/v)**	**42**
1,2-Dichloropropane	ND	170	ppb(v/v)	67
Bromodichloromethane	ND	170	ppb(v/v)	67
cis-1,3-Dichloropropene	ND	170	ppb(v/v)	42
4-Methyl-2-pentanone (MIBK)	ND	840	ppb(v/v)	170
Toluene	**8100**	**170**	**ppb(v/v)**	**42**
trans-1,3-Dichloropropene	ND	170	ppb(v/v)	67
1,1,2-Trichloroethane	ND	170	ppb(v/v)	42
Tetrachloroethene	**7800**	**170**	**ppb(v/v)**	**42**
2-Hexanone	ND	2500	ppb(v/v)	250
Dibromochloromethane	ND	170	ppb(v/v)	42
1,2-Dibromoethane (EDB)	ND	170	ppb(v/v)	42

(Continued on next page)

Quanterra

SANDIA NATIONAL LABORATORIES

Client Sample ID: 045396-001

GC/MS Volatiles

Lot-Sample #...: M9F020240-001 **Work Order #...:** CWFQF102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorobenzene	ND	170	ppb(v/v)	42
Ethylbenzene	**7700**	**170**	**ppb(v/v)**	**42**
Xylenes (total)	**7700**	**170**	**ppb(v/v)**	**67**
Styrene	ND	170	ppb(v/v)	42
Bromoform	ND	170	ppb(v/v)	42
1,1,2,2-Tetrachloroethane	ND	170	ppb(v/v)	42
Benzyl chloride	ND	840	ppb(v/v)	67
4-Ethyltoluene	ND	170	ppb(v/v)	42
1,3,5-Trimethylbenzene	ND	170	ppb(v/v)	67
1,2,4-Trimethylbenzene	ND	170	ppb(v/v)	42
1,3-Dichlorobenzene	ND	170	ppb(v/v)	42
1,4-Dichlorobenzene	ND	170	ppb(v/v)	67
1,2-Dichlorobenzene	ND	170	ppb(v/v)	67
1,2,4-Trichlorobenzene	ND	1700	ppb(v/v)	250
Hexachlorobutadiene	ND	340	ppb(v/v)	84

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SANDIA NATIONAL LABORATORIES

Client Sample ID: 045397-001

GC/MS Volatiles

Lot-Sample #...: M9F020240-002 **Work Order #...:** CWFQG102 **Matrix.....:** AIR
Date Sampled...: 05/26/99 **Date Received..:** 06/02/99
Prep Date.....: 06/07/99 **Analysis Date..:** 06/07/99
Prep Batch #...: 9165331 **Analysis Time..:** 17:08
Dilution Factor: 5.6
Analyst ID.....: 358011 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	11	ppb(v/v)	2.8
Chloromethane	ND	22	ppb(v/v)	5.6
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	11	ppb(v/v)	4.5
Vinyl chloride	ND	11	ppb(v/v)	4.5
Bromomethane	ND	11	ppb(v/v)	5.6
Chloroethane	ND	22	ppb(v/v)	4.5
Trichlorofluoromethane	ND	11	ppb(v/v)	4.5
1,1-Dichloroethene	ND	11	ppb(v/v)	2.8
Carbon disulfide	ND	56	ppb(v/v)	11
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	11	ppb(v/v)	2.8
Acetone	ND	56	ppb(v/v)	11
Methylene chloride	**710**	**11**	**ppb(v/v)**	**4.5**
trans-1,2-Dichloroethene	**3.4 J**	**11**	**ppb(v/v)**	**2.8**
1,1-Dichloroethane	ND	11	ppb(v/v)	2.8
Vinyl acetate	ND	56	ppb(v/v)	11
cis-1,2-Dichloroethene	**720**	**11**	**ppb(v/v)**	**4.5**
2-Butanone (MEK)	ND	56	ppb(v/v)	11
Chloroform	ND	11	ppb(v/v)	4.5
1,1,1-Trichloroethane	ND	11	ppb(v/v)	2.8
Carbon tetrachloride	ND	11	ppb(v/v)	2.8
Benzene	**840**	**11**	**ppb(v/v)**	**4.5**
1,2-Dichloroethane	ND	11	ppb(v/v)	4.5
Trichloroethene	**710**	**11**	**ppb(v/v)**	**2.8**
1,2-Dichloropropane	ND	11	ppb(v/v)	4.5
Bromodichloromethane	ND	11	ppb(v/v)	4.5
cis-1,3-Dichloropropene	ND	11	ppb(v/v)	2.8
4-Methyl-2-pentanone (MIBK)	ND	56	ppb(v/v)	11
Toluene	**800**	**11**	**ppb(v/v)**	**2.8**
trans-1,3-Dichloropropene	ND	11	ppb(v/v)	4.5
1,1,2-Trichloroethane	ND	11	ppb(v/v)	2.8
Tetrachloroethene	**800**	**11**	**ppb(v/v)**	**2.8**
2-Hexanone	ND	170	ppb(v/v)	17
Dibromochloromethane	ND	11	ppb(v/v)	2.8
1,2-Dibromoethane (EDB)	ND	11	ppb(v/v)	2.8

(Continued on next page)

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SANDIA NATIONAL LABORATORIES

Client Sample ID: 045397-001

GC/MS Volatiles

Lot-Sample #...: M9F020240-002 **Work Order #...:** CWFQG102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorobenzene	ND	11	ppb(v/v)	2.8
Ethylbenzene	**830**	**11**	**ppb(v/v)**	**2.8**
Xylenes (total)	**860**	**11**	**ppb(v/v)**	**4.5**
Styrene	ND	11	ppb(v/v)	2.8
Bromoform	ND	11	ppb(v/v)	2.8
1,1,2,2-Tetrachloroethane	ND	11	ppb(v/v)	2.8
Benzyl chloride	ND	56	ppb(v/v)	4.5
4-Ethyltoluene	ND	11	ppb(v/v)	2.8
1,3,5-Trimethylbenzene	ND	11	ppb(v/v)	4.5
1,2,4-Trimethylbenzene	ND	11	ppb(v/v)	2.8
1,3-Dichlorobenzene	ND	11	ppb(v/v)	2.8
1,4-Dichlorobenzene	ND	11	ppb(v/v)	4.5
1,2-Dichlorobenzene	ND	11	ppb(v/v)	4.5
1,2,4-Trichlorobenzene	ND	110	ppb(v/v)	17
Hexachlorobutadiene	ND	22	ppb(v/v)	5.6

NOTE(S):

J Estimated result. Result is less than RL.

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QC DATA ASSOCIATION SUMMARY

M9F020240

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	AIR	EPA-19 TO-14		9165331	
002	AIR	EPA-19 TO-14		9165331	

Quanterra

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: M9F020240 Work Order #...: CWVD3102-LCS Matrix.....: AIR
LCS Lot-Sample#: M9F140000-331 CWVD3103-LCSD
Prep Date.....: 06/07/99 Analysis Date..: 06/07/99
Prep Batch #...: 9165331 Analysis Time..: 10:56
Dilution Factor: 1 Instrument ID..: MSA
Analyst ID.....: 358011

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Methylene chloride	53.6	48.8	ppb(v/v)	91		EPA-19 TO-14
	53.6	51.1	ppb(v/v)	95	4.6	EPA-19 TO-14
1,1-Dichloroethene	48.0	47.0	ppb(v/v)	98		EPA-19 TO-14
	48.0	47.4	ppb(v/v)	99	0.84	EPA-19 TO-14
Trichloroethene	47.2	47.6	ppb(v/v)	101		EPA-19 TO-14
	47.2	47.8	ppb(v/v)	101	0.41	EPA-19 TO-14
Toluene	51.3	53.7	ppb(v/v)	105		EPA-19 TO-14
	51.3	53.3	ppb(v/v)	104	0.74	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	50.0	56.1	ppb(v/v)	112		EPA-19 TO-14
	50.0	57.7	ppb(v/v)	115	2.8	EPA-19 TO-14

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Quanterra

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: M9F020240 Work Order #...: CWVD3102-LCS Matrix.....: AIR
LCS Lot-Sample#: M9F140000-331 CWVD3103-LCSD
Prep Date.....: 06/07/99 Analysis Date..: 06/07/99
Prep Batch #...: 9165331 Analysis Time..: 10:56
Dilution Factor: 1 Instrument ID..: MSA
Analyst ID.....: 358011

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Methylene chloride	91	(80 - 120)			EPA-19 TO-14
	95	(80 - 120)	4.6	(0-20)	EPA-19 TO-14
1,1-Dichloroethene	98	(70 - 120)			EPA-19 TO-14
	99	(70 - 120)	0.84	(0-20)	EPA-19 TO-14
Trichloroethene	101	(80 - 120)			EPA-19 TO-14
	101	(80 - 120)	0.41	(0-20)	EPA-19 TO-14
Toluene	105	(70 - 120)			EPA-19 TO-14
	104	(70 - 120)	0.74	(0-20)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	112	(60 - 130)			EPA-19 TO-14
	115	(60 - 130)	2.8	(0-20)	EPA-19 TO-14

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: M9F020240
MB Lot-Sample #: M9F140000-331

Work Order #...: CWVD3101
Prep Date.....: 06/07/99
Prep Batch #...: 9166331
Analyst ID.....: 358011

Matrix.....: AIR
Analysis Time..: 15:38
Instrument ID...: MSA

Analysis Date..: 06/07/99
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	4.0	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	ND	2.0	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	4.0	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	2.0	ppb(v/v)	EPA-19 TO-14
Carbon disulfide	ND	10	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Acetone	ND	10	ppb(v/v)	EPA-19 TO-14
Methylene chloride	ND	2.0	ppb(v/v)	EPA-19 TO-14
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Vinyl acetate	ND	10	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-19 TO-14
2-Butanone (MEK)	ND	10	ppb(v/v)	EPA-19 TO-14
Chloroform	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	2.0	ppb(v/v)	EPA-19 TO-14
Benzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Trichloroethene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Bromodichloromethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-19 TO-14
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)	EPA-19 TO-14
Toluene	ND	2.0	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	ND	2.0	ppb(v/v)	EPA-19 TO-14
2-Hexanone	ND	30	ppb(v/v)	EPA-19 TO-14
Dibromochloromethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)	EPA-19 TO-14
Chlorobenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
Xylenes (total)	ND	2.0	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: M9F020240 **Work Order #...:** CWVD3101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Styrene	ND	2.0	ppb(v/v)	EPA-19 TO-14
Bromoform	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)	EPA-19 TO-14
Benzyl chloride	ND	10	ppb(v/v)	EPA-19 TO-14
4-Ethyltoluene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-19 TO-14
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)	EPA-19 TO-14
Hexachlorobutadiene	ND	4.0	ppb(v/v)	EPA-19 TO-14

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

This transmission consists of 11 pages excluding this cover page

Environmental Restoration Technologies Department

FAX

Date: 5/14/99
From: Jim Phelan
Sender's tel #: 505-845-9892
Sender's Fax #: 505-844-0543

To: Mark Spivey
Company: B&W/Ohio
Phone #: 937-865-3709

FACSIMILE #: 937-865-4455

MESSAGE:

Sandia National Laboratories
P.O. Box 5800
Albuquerque, NM 87185-0719

FAX TO JIM PHELAN 844-0543

Quanterra - Air Lab
1721 South Grand Avenue
Santa Ana, California 92705

Quanterra Environmental Services

Facsimile Transmission

Phone: (714) 258-8610
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To: Scott Jenkins (505) 844-3128	From: NOEL CRUISE PROJECT MANAGER	Date: 5/11/99 Number of Pages: 7 (Including Cover Page)

PRELIMINARY RESULTS

Quanterra Lot #: M9D220288 - 1/2

Client Project No.:

Client Project Name: ITRD MOUND OU-1

Faxed By:

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EXECUTIVE SUMMARY - Detection Highlights

M9D220288

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
045394-001 BLDG. 301 ECHN 2 03/31/99 08:16 001				
Vinyl chloride	70	42	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	73	42	ppb(v/v)	EPA-19 TO-14
Methylene chloride	43	42	ppb(v/v)	EPA-19 TO-14
trans-1,2-Dichloroethene	22 J	42	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	1100	42	ppb(v/v)	EPA-19 TO-14
Chloroform	180	42	ppb(v/v)	EPA-19 TO-14
Trichloroethene	4300	42	ppb(v/v)	EPA-19 TO-14
Toluene	940	42	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	260	42	ppb(v/v)	EPA-19 TO-14
045395-001 ECHN 2 INFLUENT 04/05/99 11:16 002				
Vinyl chloride	67	42	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	83	42	ppb(v/v)	EPA-19 TO-14
Methylene chloride	41 J	42	ppb(v/v)	EPA-19 TO-14
trans-1,2-Dichloroethene	17 J	42	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	1100	42	ppb(v/v)	EPA-19 TO-14
Chloroform	180	42	ppb(v/v)	EPA-19 TO-14
Trichloroethene	4800	42	ppb(v/v)	EPA-19 TO-14
Toluene	1100	42	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	250	42	ppb(v/v)	EPA-19 TO-14

SANDIA NATIONAL LABORATORIES

Client Sample ID: 045394-001 BLDG. 301 ZONE 2

GC/MS Volatiles

Lot-Sample #...: M9D220288-001 Work Order #...: CV0DG102 Matrix.....: AIR
Date Sampled...: 03/31/99 Date Received..: 04/21/99
Prep Date.....: 05/05/99 Analysis Date..: 05/05/99
Prep Batch #...: 9130399
Dilution Factor: 21
Analyst ID.....: 117760 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	42	ppb(v/v)	10
Chloromethane	ND	84	ppb(v/v)	21
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	42	ppb(v/v)	17
Vinyl chloride	70	42	ppb(v/v)	17
Bromomethane	ND	42	ppb(v/v)	21
Chloroethane	ND	84	ppb(v/v)	17
Trichlorofluoromethane	ND	42	ppb(v/v)	17
1,1-Dichloroethene	ND	42	ppb(v/v)	10
Carbon disulfide	ND	210	ppb(v/v)	42
1,1,2-Trichloro-1,2,2-trifluoroethane	73	42	ppb(v/v)	10
Acetone	ND	210	ppb(v/v)	42
Methylene chloride	43	42	ppb(v/v)	17
trans-1,2-Dichloroethene	22 J	42	ppb(v/v)	10
1,1-Dichloroethane	ND	42	ppb(v/v)	10
Vinyl acetate	ND	210	ppb(v/v)	42
cis-1,2-Dichloroethene	1100	42	ppb(v/v)	17
2-Butanone (MEK)	ND	210	ppb(v/v)	42
Chloroform	180	42	ppb(v/v)	17
1,1,1-Trichloroethane	ND	42	ppb(v/v)	10
Carbon tetrachloride	ND	42	ppb(v/v)	10
Benzene	ND	42	ppb(v/v)	17
1,2-Dichloroethane	ND	42	ppb(v/v)	17
Trichloroethene	4300	42	ppb(v/v)	10
1,2-Dichloropropane	ND	42	ppb(v/v)	17
Bromodichloromethane	ND	42	ppb(v/v)	17
cis-1,3-Dichloropropene	ND	42	ppb(v/v)	10
4-Methyl-2-pentanone (MIBK)	ND	210	ppb(v/v)	42
Toluene	940	42	ppb(v/v)	10
trans-1,3-Dichloropropene	ND	42	ppb(v/v)	17
1,1,2-Trichloroethane	ND	42	ppb(v/v)	10
Tetrachloroethene	260	42	ppb(v/v)	10
2-Hexanone	ND	630	ppb(v/v)	63
Dibromochloromethane	ND	42	ppb(v/v)	10
1,2-Dibromoethane (EDB)	ND	42	ppb(v/v)	10

(Continued on next page)

SANDIA NATIONAL LABORATORIES

Client Sample ID: 045394-001 BLDG. 301 ZONE 2

GC/MS Volatiles

Lot-Sample #...: M9D220288-001 Work Order #...: CV0DG102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorobenzene	ND	42	ppb(v/v)	10
Ethylbenzene	ND	42	ppb(v/v)	10
m-Xylene & p-Xylene	ND	42	ppb(v/v)	17
o-Xylene	ND	42	ppb(v/v)	10
Styrene	ND	42	ppb(v/v)	10
Bromoform	ND	42	ppb(v/v)	10
1,1,2,2-Tetrachloroethane	ND	42	ppb(v/v)	10
Benzyl chloride	ND	210	ppb(v/v)	17
4-Ethyltoluene	ND	42	ppb(v/v)	10
1,3,5-Trimethylbenzene	ND	42	ppb(v/v)	17
1,2,4-Trimethylbenzene	ND	42	ppb(v/v)	10
1,3-Dichlorobenzene	ND	42	ppb(v/v)	10
1,4-Dichlorobenzene	ND	42	ppb(v/v)	17
1,2-Dichlorobenzene	ND	42	ppb(v/v)	17
1,2,4-Trichlorobenzene	ND	420	ppb(v/v)	63
Hexachlorobutadiene	ND	84	ppb(v/v)	21

NOTE(S):

J Estimated result. Result is less than RL.

Quanterra
Environmental Services

Date: 05/11/99
Time: 22:55:36
(Mountain Time)

From: Maria Jones
Quanterra
1721 South Grand Avenue
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To: Suzi Montano-Jensen
SANDIA NATIONAL LABORATORIES

505-8443128

Number of Pages
Including Cover Sheet: 05

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Quote Number :28132
Project Number :7433.300
Project Name/Site :ITRD MOUND OU-1

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SANDIA NATIONAL LABORATORIES

Client Sample ID: 045395-001 ZONE 2 INFLUENT

GC/MS Volatiles

Lot-Sample #...: M9D230288-002 Work Order #...: CV0DL102 Matrix.....: AIR
Date Sampled...: 04/05/99 Date Received..: 04/21/99
Prep Date.....: 05/05/99 Analysis Date..: 05/05/99
Prep Batch #...: 9130399
Dilution Factor: 21
Analyst ID.....: 117760 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	42	ppb(v/v)	10
Chloromethane	ND	84	ppb(v/v)	21
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	42	ppb(v/v)	17
Vinyl chloride	67	42	ppb(v/v)	17
Bromomethane	ND	42	ppb(v/v)	21
Chloroethane	ND	84	ppb(v/v)	17
Trichlorofluoromethane	ND	42	ppb(v/v)	17
1,1-Dichloroethene	ND	42	ppb(v/v)	10
Carbon disulfide	ND	210	ppb(v/v)	42
1,1,2-Trichloro-1,2,2-trifluoroethane	83	42	ppb(v/v)	10
Acetone	ND	210	ppb(v/v)	42
Methylene chloride	41 J	42	ppb(v/v)	17
trans-1,2-Dichloroethene	17 J	42	ppb(v/v)	10
1,1-Dichloroethane	ND	42	ppb(v/v)	10
Vinyl acetate	ND	210	ppb(v/v)	42
cis-1,2-Dichloroethene	1100	42	ppb(v/v)	17
2-Butanone (MEK)	ND	210	ppb(v/v)	42
Chloroform	180	42	ppb(v/v)	17
1,1,1-Trichloroethane	ND	42	ppb(v/v)	10
Carbon tetrachloride	ND	42	ppb(v/v)	10
Benzene	ND	42	ppb(v/v)	17
1,2-Dichloroethane	ND	42	ppb(v/v)	17
Trichloroethene	4800	42	ppb(v/v)	10
1,2-Dichloropropane	ND	42	ppb(v/v)	17
Bromodichloromethane	ND	42	ppb(v/v)	17
cis-1,3-Dichloropropene	ND	42	ppb(v/v)	10
4-Methyl-2-pentanone (MIBK)	ND	210	ppb(v/v)	42
Toluene	1100	42	ppb(v/v)	10
trans-1,3-Dichloropropene	ND	42	ppb(v/v)	17
1,1,2-Trichloroethane	ND	42	ppb(v/v)	10
Tetrachloroethene	250	42	ppb(v/v)	10
2-Hexanone	ND	630	ppb(v/v)	63
Dibromochloromethane	ND	42	ppb(v/v)	10
1,2-Dibromoethane (EDB)	ND	42	ppb(v/v)	10

(Continued on next page)

** TOTAL PAGE.007 **

SANDIA NATIONAL LABORATORIES

Client Sample ID: 045395-001 ZONE 2 INFLUENT

GC/MS Volatiles

Lot-Sample #...: M9D220288-002 Work Order #...: CV0DL102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorobenzene	ND	42	ppb(v/v)	10
Ethylbenzene	ND	42	ppb(v/v)	10
m-Xylene & p-Xylene	ND	42	ppb(v/v)	17
o-Xylene	ND	42	ppb(v/v)	10
Styrene	ND	42	ppb(v/v)	10
Bromoform	ND	42	ppb(v/v)	10
1,1,2,2-Tetrachloroethane	ND	42	ppb(v/v)	10
Benzyl chloride	ND	210	ppb(v/v)	17
4-Ethyltoluene	ND	42	ppb(v/v)	10
1,3,5-Trimethylbenzene	ND	42	ppb(v/v)	17
1,2,4-Trimethylbenzene	ND	42	ppb(v/v)	10
1,3-Dichlorobenzene	ND	42	ppb(v/v)	10
1,4-Dichlorobenzene	ND	42	ppb(v/v)	17
1,2-Dichlorobenzene	ND	42	ppb(v/v)	17
1,2,4-Trichlorobenzene	ND	420	ppb(v/v)	63
Hexachlorobutadiene	ND	84	ppb(v/v)	31

NOTE(S):

J Estimated result. Result is less than RL.

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Sandia National Laboratories
ITRD MOUND OU-1
Project Number: 7433.300

Lot #: M9D220288 Date Reported: 5/11/99 PAGE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: 045394-001 BLDG. 301 ZONE 2				
Sample #: 001 Date Sampled: 03/31/99 08:16 Date Received: 04/21/99 Matrix: AIR				
Volatile Organics by TO14				Reviewed
Dichlorodifluoromethane	ND	42	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	84	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	42	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	70	42	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	42	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	84	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	42	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	42	ppb(v/v)	EPA-19 TO-14
Carbon disulfide	ND	210	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	73	42	ppb(v/v)	EPA-19 TO-14
Acetone	ND	210	ppb(v/v)	EPA-19 TO-14
Methylene chloride	43	42	ppb(v/v)	EPA-19 TO-14
trans-1,2-Dichloroethene	22 J	42	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14
Vinyl acetate	ND	210	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	1100	42	ppb(v/v)	EPA-19 TO-14
2-Butanone (MEK)	ND	210	ppb(v/v)	EPA-19 TO-14
Chloroform	180	42	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	42	ppb(v/v)	EPA-19 TO-14
Benzene	ND	42	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14
Trichloroethene	4300	42	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	42	ppb(v/v)	EPA-19 TO-14
Bromodichloromethane	ND	42	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	42	ppb(v/v)	EPA-19 TO-14
4-Methyl-2-pentanone (MIBK)	ND	210	ppb(v/v)	EPA-19 TO-14
Toluene	940	42	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	42	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	260	42	ppb(v/v)	EPA-19 TO-14
2-Hexanone	ND	630	ppb(v/v)	EPA-19 TO-14
Dibromochloromethane	ND	42	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	42	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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Sandia National Laboratories
ITRD MOUND OU-1
Project Number: 7433.300

Lot #: M9D220288 Date Reported: 5/11/99

Client Sample ID: 045394-001 BLDG. 301 ZONE 2
Sample #: 001 Date Sampled: 03/31/99 08:16 Date Received: 04/21/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					Reviewed
Chlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
Ethylbenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
m-Xylene & p-Xylene	ND	42	ppb(v/v)	EPA-19 TO-14	
o-Xylene	ND	42	ppb(v/v)	EPA-19 TO-14	
Styrene	ND	42	ppb(v/v)	EPA-19 TO-14	
Bromoform	ND	42	ppb(v/v)	EPA-19 TO-14	
1,1,2,2-Tetrachloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Benzyl chloride	ND	210	ppb(v/v)	EPA-19 TO-14	
4-Ethyltoluene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,3,5-Trimethylbenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2,4-Trimethylbenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,3-Dichlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,4-Dichlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2-Dichlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2,4-Trichlorobenzene	ND	420	ppb(v/v)	EPA-19 TO-14	
Hexachlorobutadiene	ND	84	ppb(v/v)	EPA-19 TO-14	

J Estimated result. Result is less than RL.

Client Sample ID: 045395-001 ZONE 2 INFLUENT
Sample #: 002 Date Sampled: 04/05/99 11:16 Date Received: 04/21/99 Matrix: AIR

Volatile Organics by TO14					Reviewed
Dichlorodifluoromethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Chloromethane	ND	84	ppb(v/v)	EPA-19 TO-14	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Vinyl chloride	67	42	ppb(v/v)	EPA-19 TO-14	
Bromomethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Chloroethane	ND	84	ppb(v/v)	EPA-19 TO-14	
Trichlorofluoromethane	ND	42	ppb(v/v)	EPA-19 TO-14	
1,1-Dichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Carbon disulfide	ND	210	ppb(v/v)	EPA-19 TO-14	
1,1,2-Trichloro-1,2,2-trifluoroethane	83	42	ppb(v/v)	EPA-19 TO-14	
Acetone	ND	210	ppb(v/v)	EPA-19 TO-14	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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Sandia National Laboratories
ITRD MOUND OU-1
Project Number: 7433.300

Lot #: M9D220288 Date Reported: 5/11/99 PAGE

Client Sample ID: 045395-001 ZONE 2 INFLUENT
Sample #: 002 Date Sampled: 04/05/99 11:16 Date Received: 04/21/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					Reviewed
Methylene chloride	41 J	42	ppb(v/v)	EPA-19 TO-14	
trans-1,2-Dichloroethene	17 J	42	ppb(v/v)	EPA-19 TO-14	
1,1-Dichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Vinyl acetate	ND	210	ppb(v/v)	EPA-19 TO-14	
cis-1,2-Dichloroethene	1100	42	ppb(v/v)	EPA-19 TO-14	
2-Butanone (MEK)	ND	210	ppb(v/v)	EPA-19 TO-14	
Chloroform	180	42	ppb(v/v)	EPA-19 TO-14	
1,1,1-Trichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Carbon tetrachloride	ND	42	ppb(v/v)	EPA-19 TO-14	
Benzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2-Dichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Trichloroethene	4800	42	ppb(v/v)	EPA-19 TO-14	
1,2-Dichloropropane	ND	42	ppb(v/v)	EPA-19 TO-14	
Bromodichloromethane	ND	42	ppb(v/v)	EPA-19 TO-14	
cis-1,3-Dichloropropene	ND	42	ppb(v/v)	EPA-19 TO-14	
4-Methyl-2-pentanone (MIBK)	ND	210	ppb(v/v)	EPA-19 TO-14	
Toluene	1100	42	ppb(v/v)	EPA-19 TO-14	
trans-1,3-Dichloropropene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,1,2-Trichloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Tetrachloroethene	250	42	ppb(v/v)	EPA-19 TO-14	
2-Hexanone	ND	630	ppb(v/v)	EPA-19 TO-14	
Dibromochloromethane	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2-Dibromoethane (EDB)	ND	42	ppb(v/v)	EPA-19 TO-14	
Chlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
Ethylbenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
m-Xylene & p-Xylene	ND	42	ppb(v/v)	EPA-19 TO-14	
o-Xylene	ND	42	ppb(v/v)	EPA-19 TO-14	
Styrene	ND	42	ppb(v/v)	EPA-19 TO-14	
Bromoform	ND	42	ppb(v/v)	EPA-19 TO-14	
1,1,2,2-Tetrachloroethane	ND	42	ppb(v/v)	EPA-19 TO-14	
Benzyl chloride	ND	210	ppb(v/v)	EPA-19 TO-14	
4-Ethyltoluene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,3,5-Trimethylbenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2,4-Trimethylbenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,3-Dichlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,4-Dichlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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Sandia National Laboratories
ITRD MOUND OU-1
Project Number: 7433.300

Lot #: M9D220288 Date Reported: 5/11/99

Client Sample ID: 045395-001 ZONE 2 INFLUENT
Sample #: 002 Date Sampled: 04/05/99 11:16 Date Received: 04/21/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					Reviewed
1,2-Dichlorobenzene	ND	42	ppb(v/v)	EPA-19 TO-14	
1,2,4-Trichlorobenzene	ND	420	ppb(v/v)	EPA-19 TO-14	
Hexachlorobutadiene	ND	84	ppb(v/v)	EPA-19 TO-14	

J Estimated result. Result is less than RL.

Attachment P

SVE Calculated VOC Mass Removal

Z1m .xls

5572

Running Hours	Vinyl Chloride	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	Methylene chloride	cis-1,2-Dichloroethene	2-Butanone	Chloroform	Carbon tetrachloride	Benzene	Trichloroethene	Toluene	Tetrachloroethene	Ethylbenzene	Xylenes (total)
13	8.000	0.330	3.300	0.250	33.000	5.900	0.150		0.580	16.000	42.000	8.300		0.230
56.5	1.400	0.130		0.240	11.000				0.220	8.600	28.000	6.100		0.130
137.5	0.490	0.100	0.440	0.160	4.300		0.050		0.091	4.600	19.000	5.400	0.046	0.180
172.5	0.400	0.100	0.950	0.130	3.200	0.640	0.051		0.056	3.900	17.000	5.200	0.044	0.160
255.5	0.230	0.092	0.590	0.064	2.400		0.055		0.026	2.200	8.800	3.500	0.028	0.083
333.5	0.140	0.047	0.590	0.015	1.300	0.280	0.055		0.017	1.600	3.200	1.800	0.016	0.074
786.25	0.130	0.050	0.063		0.770	0.053	0.037	0.023	0.0056	0.930	0.062	0.430		
795.8											7.170			
808.3										5.610	6.890			
863.75	0.130	0.042			0.750		0.031	0.022	0.0067	0.930	0.053	0.410		
953.8										3.620				
1095.8	0.023	0.017	0.69		0.16	1.3	0.007	0.012		0.3	0.048	0.26	0.004	
1109.82					0.158					0.366	0.016	0.216		0.005
1109.82	0.017		0.055		0.120	0.140	0.005		0.002	0.270	0.036	0.180	0.001	0.002
1194.75	0.021	0.015	0.011		0.200		0.013	0.013	0.003	0.430	0.044	0.320		
1194.75				0.012	0.161				0.006	0.385	0.057	0.270	0.056	
1204.22					0.159				0.003	0.237	0.014	0.175		
1228.07					0.084					0.229	0.011	0.102		
1284.46					0.094				0.001	0.187		0.148		
1284.46	0.012	0.009			0.150		0.008	0.009	0.002	0.220	0.028	0.190		

1204.22
1228 } 548

1228
1284 } 5530

1228.07
~~1204.22~~ } 32880
1204.22

1284.46
1228.07 } 31800

Zone 1 From 13 to 1284.26 (18-Dec-97 → 12-Jan-00)

146 (145.848)

SOC 633 9826
X 6321

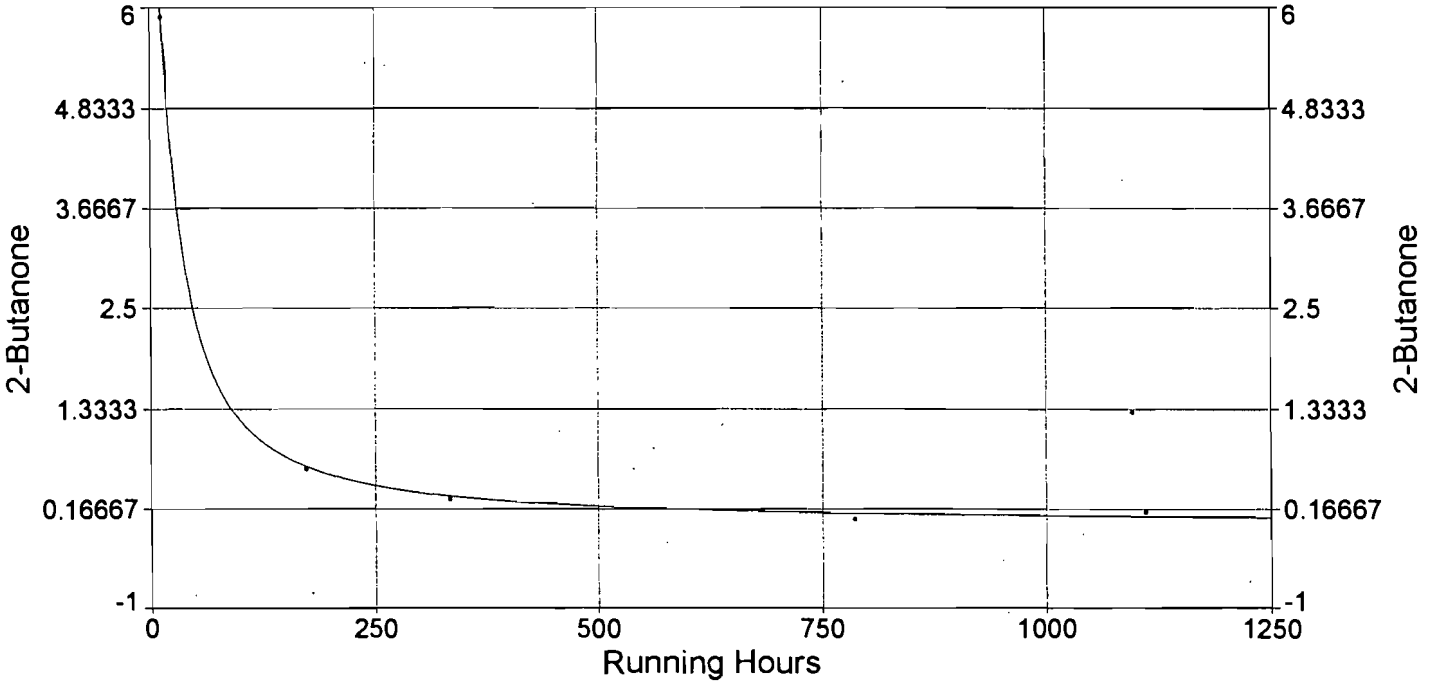
Zone 1

Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.99959241$ DF Adj $r^2=0.99918481$ FitStdErr=0.058841897 Fstat=7357.2717

a=0.11773589

b=0.0015524503



Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9995924064	0.9991848127	0.0588418967	7357.2717258

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.117735887	0.005091258	23.12510501	0.101533231	0.133938544
b	0.001552450	0.000143466	10.82105501	0.001095878	0.002009022

Date	Time	File Source
Feb 15, 2000	11:03:11 AM	C:\TCWIN4\CLIPBRD.WK1

Zone 1 2-Butanone

$$a := \left[\left[\int_{13}^{56.5} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx\right] \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\left[\int_{56.5}^{172.5} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx\right] \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \int_{1127.4}^{1194.75} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840$$

$$i := \int_{1194.75}^{1204.22} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

Zone 1 2-Butanone

$$j := \int_{1204.22}^{1228.07} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$$k := \int_{1228.07}^{1284.46} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800$$

$a = 0.953$	$d = 0.303$	$g = 0.015$	$j = 0.011$
$b = 0.8$	$e = 0.129$	$h = 0.033$	$k = 0.023$
$c = 0.617$	$f = 0.132$	$i = 4.295 \cdot 10^{-3}$	

$$a + b + c + d + e + f + g + h + i + j + k = 3.021$$

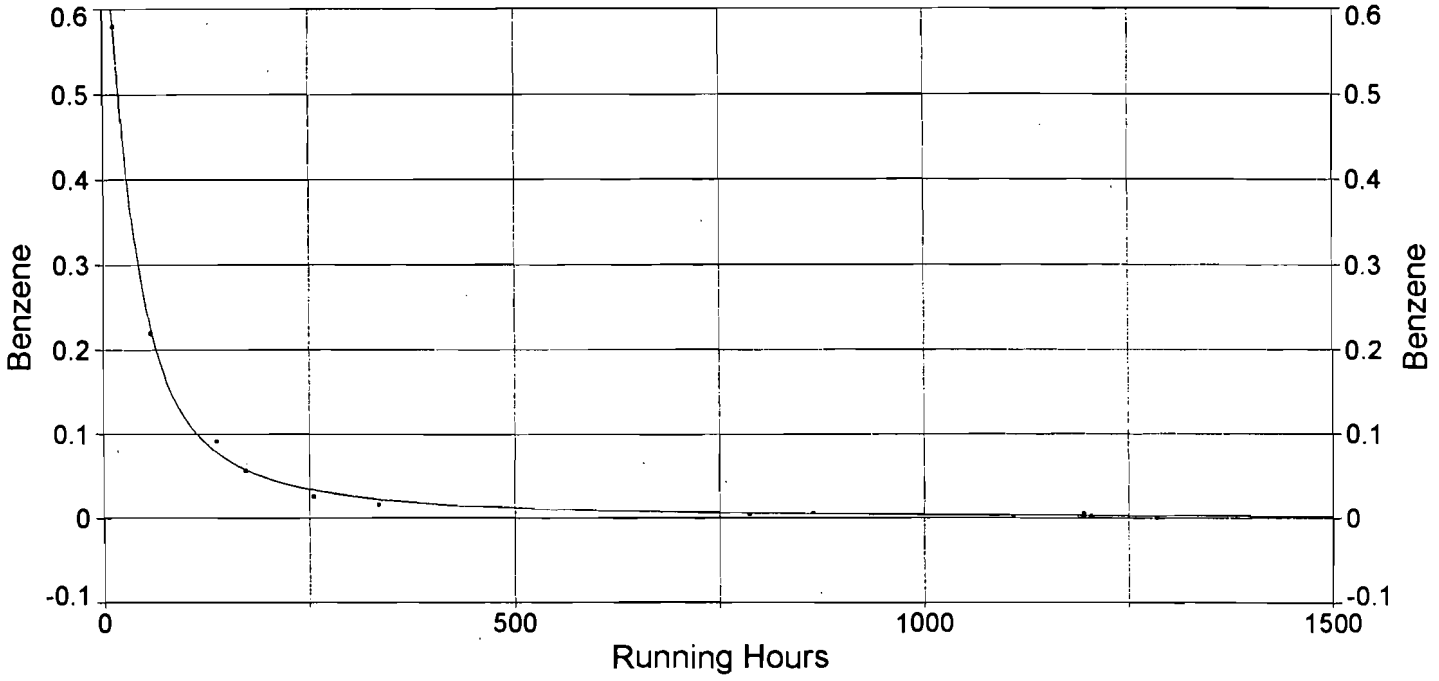
Zone 1

Rank 2 Eqn 45 $y^{-1}=a+bx^{1.5}$

r^2=0.99896881 DF Adj r^2=0.99878132 FitStdErr=0.0052693151 Fstat=11624.989

a=1.3986039

b=0.0070017403



Rank 2 Eqn 45 $y^{-1}=a+bx^{1.5}$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9989688054	0.9987813155	0.0052693151	11624.989003

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	1.398603939	0.019868833	70.39185014	1.355313470	1.441894408
b	0.007001740	0.000223323	31.35254815	0.006515162	0.007488319

Date	Time	File Source
Feb 15, 2000	11:06:25 AM	C:\TCWIN4\CLIPBRD.WK1

Zone 1 Benzene

$$a := \left[\int_{13}^{56.5} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \right]$$

$$b := \left[\int_{56.5}^{172.5} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$h := \left[\int_{1127.4}^{1194.75} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \right]$$

$$i := \left[\int_{1194.75}^{1204.22} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$a = 0.11$

$b = 0.086$

$c = 0.051$

$d = 0.02$

$e = 7.469 \cdot 10^{-3}$

$f = 7.056 \cdot 10^{-3}$

$g = 7.842 \cdot 10^{-4}$

$h = 1.63 \cdot 10^{-3}$

$i = 2.121 \cdot 10^{-4}$

Zone 1 Benzene

$$j := \left[\int_{1204.22}^{1228.07} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right] \quad j = 5.232 \cdot 10^{-4}$$

$$k := \left[\int_{1228.07}^{1284.46} \frac{1}{1.398603939 + 0.007001740 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right] \quad k = 1.14 \cdot 10^{-3}$$

$$a + b + c + d + e + f + g + h + i + j + k = 0.285$$

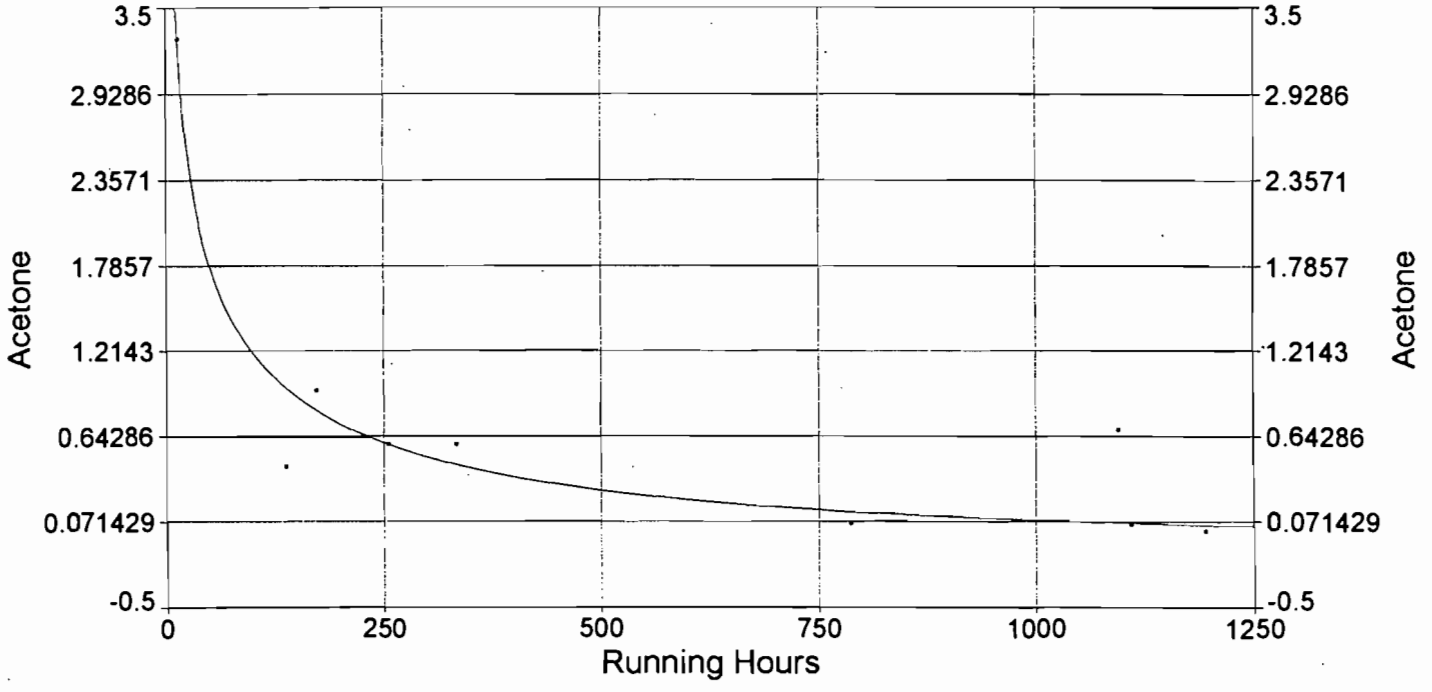
Zone 1

Rank 5 Eqn 76 $y^{0.5}=a+b\ln x$

r^2=0.96088778 DF Adj r^2=0.9452429 FitStdErr=0.23107172 Fstat=147.40476

a=2.7107453

b=-0.351128



Rank 5 Eqn 76 $y^{0.5}=a+b\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9608877837	0.9452428972	0.2310717185	147.40475598

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	2.710745337	0.267095186	10.14898611	2.057186961	3.364303714
b	-0.35112800	0.064877464	-5.41217215	-0.50987744	-0.19237857

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Zone 1 Acetone

$$a := \int_{13}^{56.5} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \qquad a = 0.495$$

$$b := \int_{56.5}^{172.5} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \qquad b = 0.641$$

$$c := \int_{172.5}^{434} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \qquad c = 0.671$$

$$d := \int_{434}^{692.25} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \qquad d = 0.327$$

$$e := \int_{692.25}^{863.75} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \qquad e = 0.119$$

$$f := \int_{863.75}^{1095.8} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \qquad f = 0.097$$

$$g := \int_{1095.8}^{1127.4} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \qquad g = 9.363 \cdot 10$$

$$h := \int_{1127.4}^{1194.75} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \qquad h = 0.018$$

$$i := \int_{1194.75}^{1204.22} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \qquad i = 2.258 \cdot 10^{-3}$$

Zone 1 Acetone

$$j := \int_{1204.22}^{1228.07} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \qquad j = 5.442 \cdot 10^{-3}$$

$$k := \int_{1204.22}^{1228.07} (2.710745337 + -0.35112800 \cdot \ln(x))^2 dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \qquad k = 5.263 \cdot 10^{-3}$$

$$a + b + c + d + e + f + g + h + i + j + k = 2.39$$

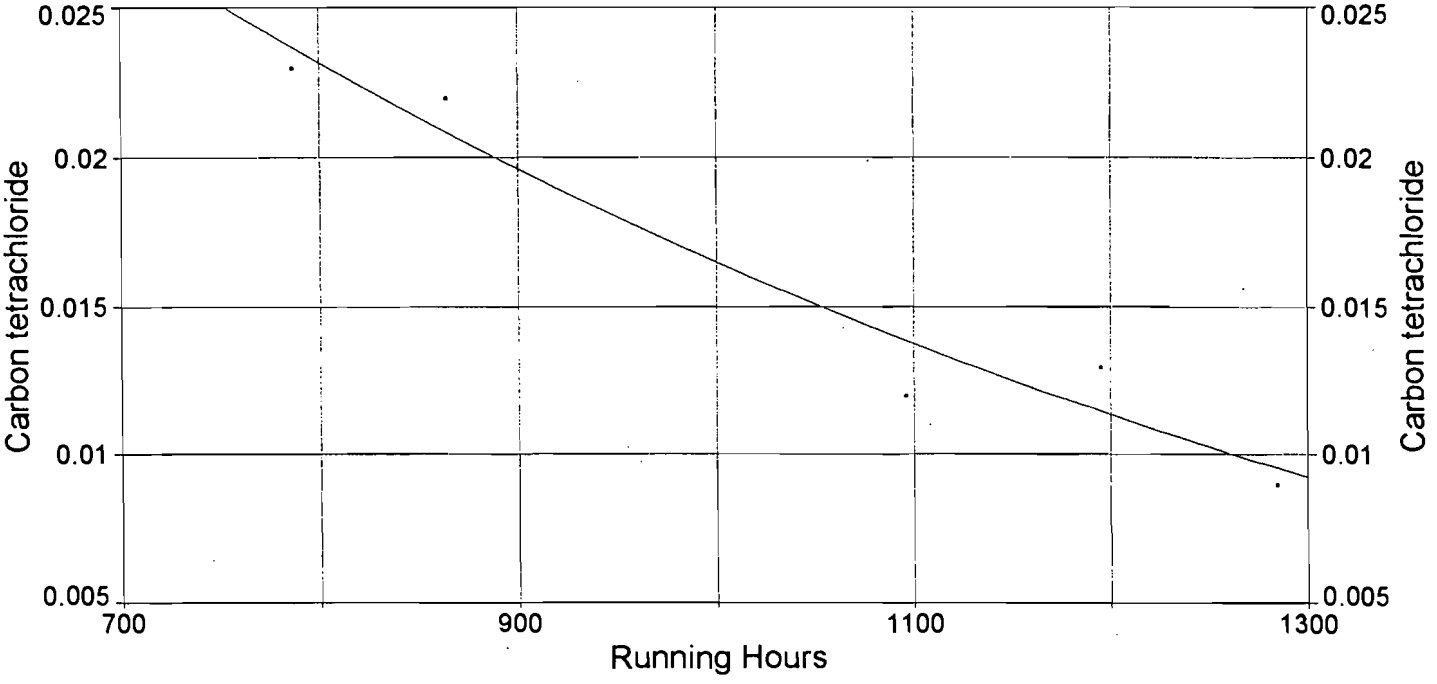
Zone 1

Rank 1 Eqn 72 $y^{0.5}=a+bx^{0.5}\ln x$

r^2=0.95007282 DF Adj r^2=0.90014565 FitStdErr=0.0016256727 Fstat=57.087517

a=0.30476279

b=-0.00080700434



Rank 1 Eqn 72 $y^{0.5}=a+bx^{0.5}\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9500728245	0.9001456490	0.0016256727	57.087516881

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.304762795	0.047618471	6.400096239	0.153219569	0.456306020
b	-0.00080700	0.000220364	-3.66213467	-0.00150830	-0.00010571

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Zone 1 Carbon tetrachloride

$$a := \left[\int_{786.25}^{863.75} \left(0.304762795 + -0.00080700434 \cdot x^{0.5} \cdot \ln(x)\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$b := \left[\int_{863.75}^{1095.8} \left(0.304762795 + -0.00080700434 \cdot x^{0.5} \cdot \ln(x)\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$c := \left[\int_{863.75}^{1204.22} \left(0.304762795 + -0.00080700434 \cdot x^{0.5} \cdot \ln(x)\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32922 \right]$$

$$d := \left[\int_{1204.22}^{1228.07} \left(0.304762795 + -0.00080700434 \cdot x^{0.5} \cdot \ln(x)\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$$e := \left[\int_{1228.07}^{1284.46} \left(0.304762795 + -0.00080700434 \cdot x^{0.5} \cdot \ln(x)\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.023$ $\quad d = 3.38 \cdot 10^{-3}$

$b = 0.051$ $\quad e = 7.124 \cdot 10^{-3}$

$c = 0.069$

$a + b + c + d + e = 0.153$

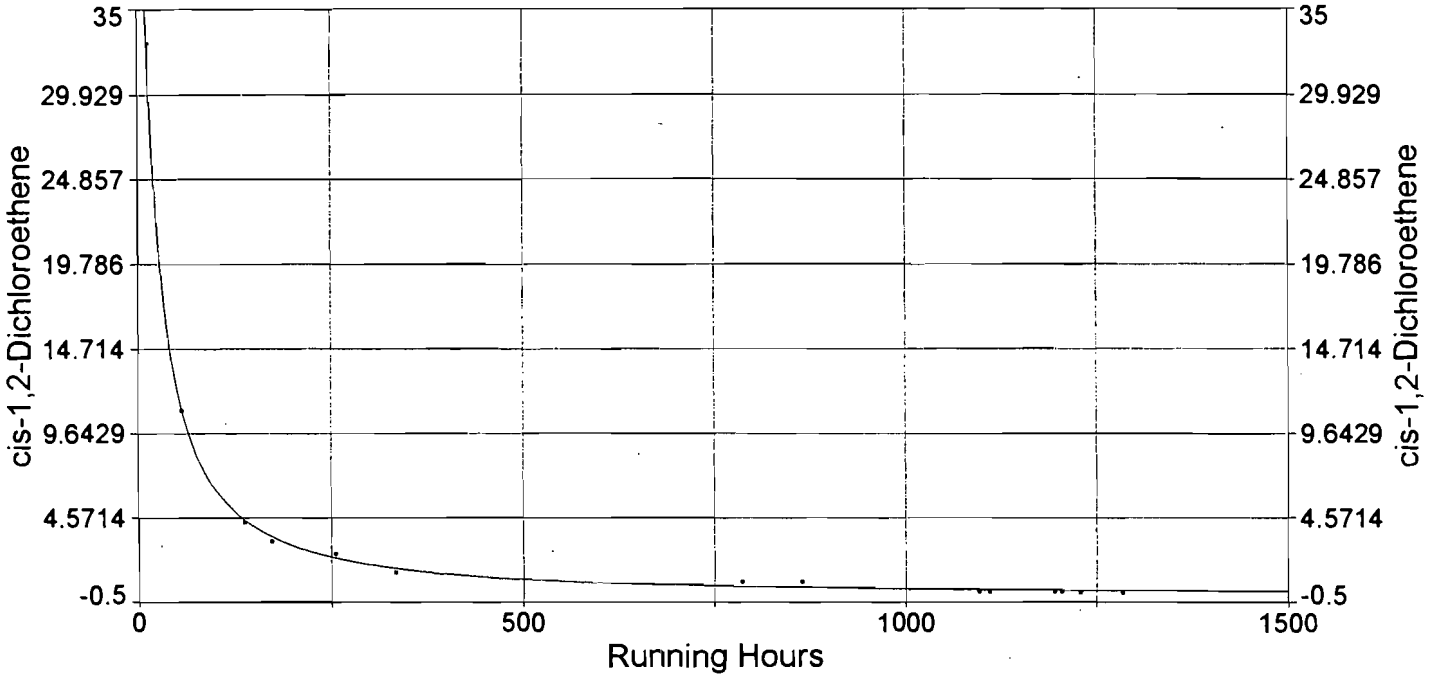
Zone 1

Rank 1 Eqn 31 $\ln y = a + b(\ln x)^2$

r^2=0.99949219 DF Adj r^2=0.99941965 FitStdErr=0.18850278 Fstat=29523.678

a=4.2398771

b=-0.1130939



Rank 1 Eqn 31 $\ln y = a + b(\ln x)^2$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9994921912	0.9994196471	0.1885027805	29523.678181

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	4.239877101	0.011090780	382.2884414	4.216237663	4.263516540
b	-0.11309390	0.001195019	-94.6377840	-0.11564103	-0.11054678

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Zone 1 cis-1,2-Dichloroethene

$$a := \left[\int_{13}^{56.5} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \right]$$

$$b := \left[\int_{56.5}^{172.5} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{172.5}^{434} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$d := \left[\int_{434}^{692.25} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \right]$$

$$e := \left[\int_{692.25}^{863.75} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$f := \left[\int_{863.75}^{1095.8} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$g := \left[\int_{1095.8}^{1127.4} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$h := \left[\int_{1127.4}^{1194.75} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \right]$$

$$i := \left[\int_{1194.75}^{1204.22} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

Zone 1 cis-1,2-Dichloroethene

$$j := \left[\int_{1204.22}^{1228.07} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$$k := \left[\int_{1228.07}^{1284.46} e^{4.239877101 + -0.11309390 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 6.729$ $d = 1.722$ $g = 0.443$ $j = 0.359$

$b = 5.622$ $e = 0.657$ $h = 1.011$ $k = 0.839$

$c = 4.07$ $f = 3.009$ $i = 0.141$

$a + b + c + d + e + f + g + h + i + j + k = 24.6$

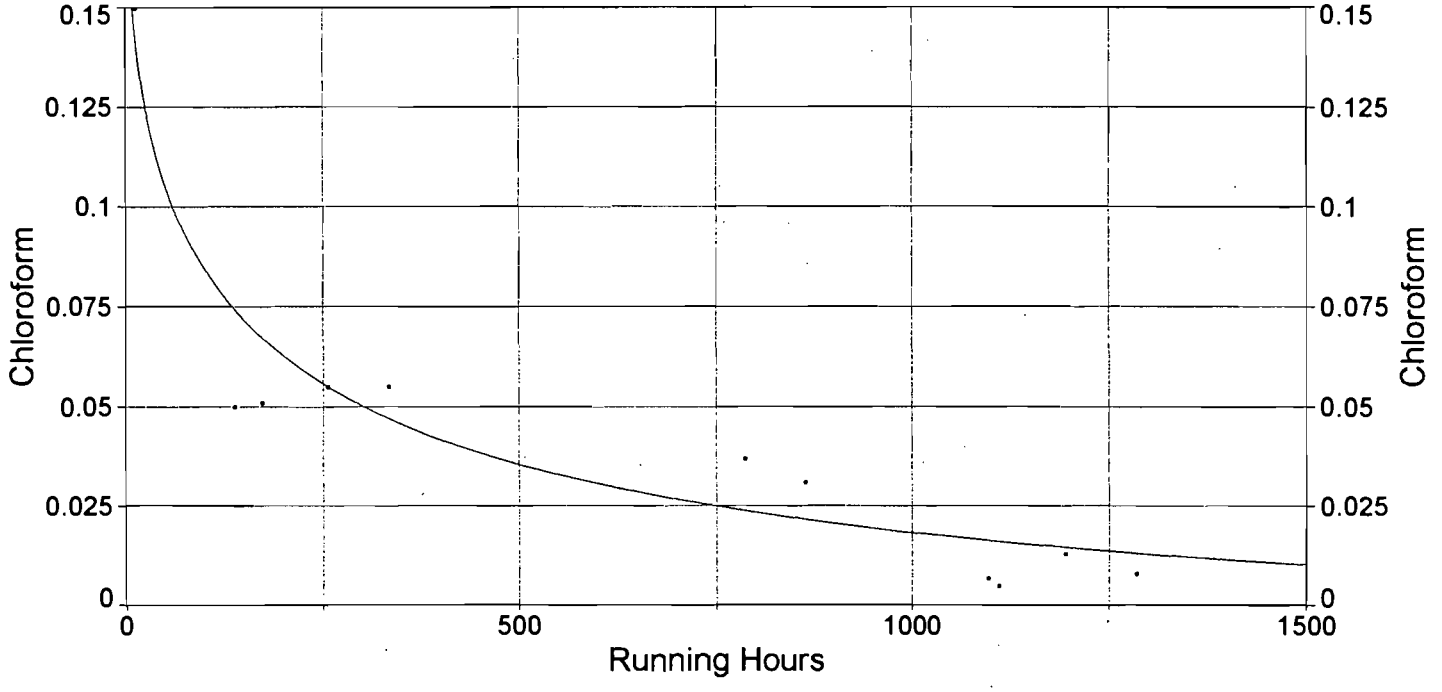
Zone 1

Rank 5 Eqn 73 $y^{0.5}=a+b(\ln x)^2$

r^2=0.91171592 DF Adj r^2=0.8896449 FitStdErr=0.01286938 Fstat=92.943637

a=0.41413256

b=-0.0058441049



Rank 5 Eqn 73 $y^{0.5}=a+b(\ln x)^2$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9117159220	0.8896449024	0.0128693796	92.943636947

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.414132558	0.037283824	11.10756662	0.329790689	0.498474428
b	-0.00584410	0.001256303	-4.65182802	-0.00868606	-0.00300215

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Zone 1 Chloroform

$$a := \left[\int_{13}^{56.5} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \int_{1127.4}^{1194.75} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400$$

$$i := \int_{1194.75}^{1229.19} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$$j := \int_{1194.75}^{1228.07} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$$k := \int_{1228.07}^{1284.46} (0.414132558 + -0.0058441049 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

Zone 1 Chloroform

$a = 0.07$	$d = 0.394$	$g = 0.044$	$j = 0.046$
$b = 0.173$	$e = 0.245$	$h = 0.109$	$k = 0.078$
$c = 0.384$	$f = 0.323$	$i = 0.048$	

$a + b + c + d + e + f + g + h + i + j + k = 1.914$

Zone 1

Rank 1 Eqn 8002 [Exponential] y=a+bexp(-x/c)

r^2=0.98441194 DF Adj r^2=0.96102985 FitStdErr=0.0031327967 Fstat=94.727505

a=0.001962366 b=0.096366482

c=188.97375

Rank 1 Eqn 8002 [Exponential] y=a+bexp(-x/c)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9844119413	0.9610298532	0.0031327967	94.727505148

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.001962366	0.002349994	0.835051449	-0.00551636	0.009441096
b	0.096366482	0.015126278	6.370799281	0.048227914	0.144505050
c	188.9737453	35.03611870	5.393683783	77.47317874	300.4743118

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Zone 1 Ethylbenzene

$$a := \left[\int_{13}^{56.5} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1228.07} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$$k := \left[\int_{1228.07}^{1284.46} 0.001962366 + 0.096366482 \cdot \exp\left(\frac{-x}{188.9737453}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800\right]$$

Zone 1 Ethylbenzene

$a = 0.037$ $d = 0.02$ $g = 6.975 \cdot 10^{-4}$

$b = 0.064$ $e = 6.231 \cdot 10^{-3}$ $h = 1.505 \cdot 10^{-3}$ $k = 1.139 \cdot 10^{-3}$

$c = 0.061$ $f = 5.86 \cdot 10^{-3}$ $i = 7.068 \cdot 10^{-4}$

$a + b + c + d + e + f + g + h + i + k = 0.198$

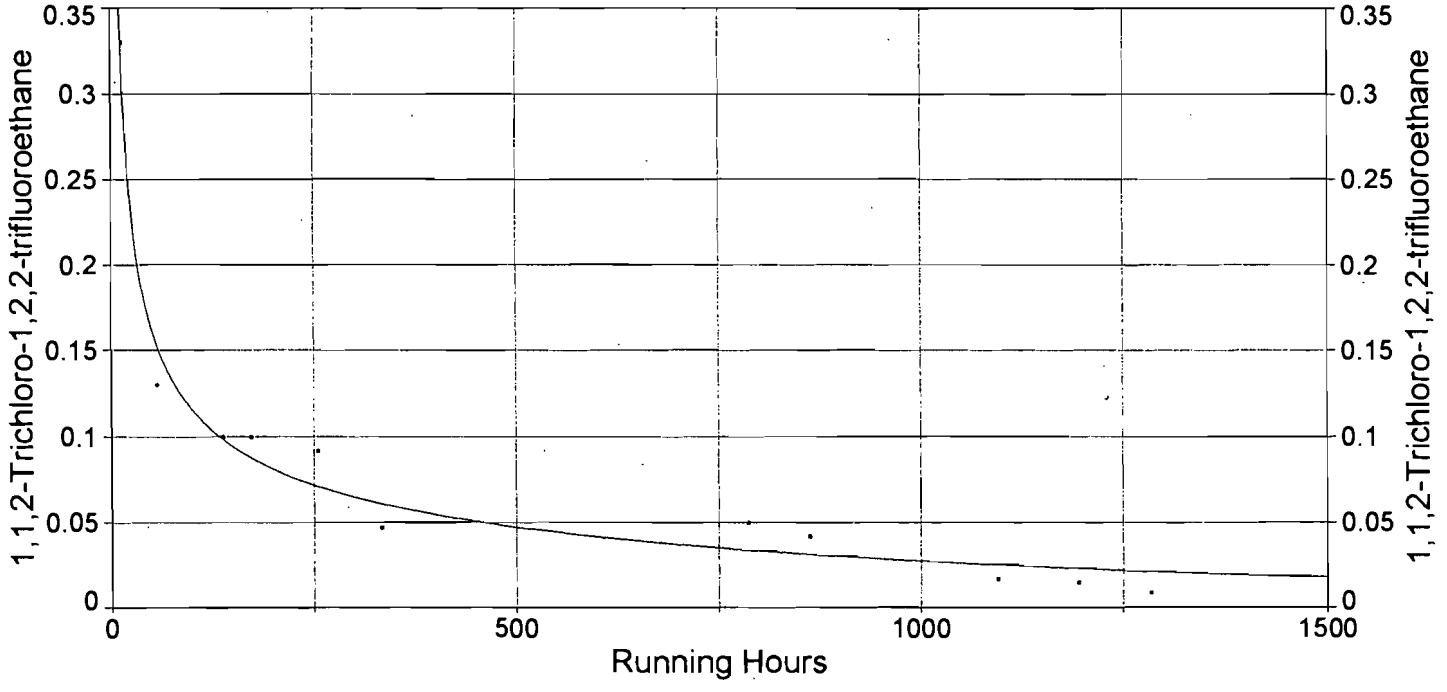
Zone 1

Rank 1 Eqn 14 y=a+b/lnx

r^2=0.9757403 DF Adj r^2=0.96967538 FitStdErr=0.014900331 Fstat=361.98566

a=-0.14837132

b=1.2157066



Rank 1 Eqn 14 y=a+b/lnx

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9757403022	0.9696753777	0.0149003307	361.98565971

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.14837132	0.013049373	-11.3699963	-0.17789105	-0.11885159
b	1.215706588	0.063897385	19.02592073	1.071160660	1.360252516

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Zone 1 1,1,2-Trichloro-1,2,2-trifluoroethane

$$a := \left[\int_{13}^{56.5} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right] \qquad a = 0.109$$

$$b := \left[\int_{56.5}^{172.5} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right] \qquad b = 0.15$$

$$c := \left[\int_{172.5}^{434} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad c = 0.203$$

$$d := \left[\int_{434}^{692.25} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right] \qquad d = 0.141$$

$$e := \left[\int_{692.25}^{863.75} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad e = 0.069$$

$$f := \left[\int_{863.75}^{1095.8} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right] \qquad f = 0.076$$

$$g := \left[\int_{1095.8}^{1127.4} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right] \qquad g = 9.046 \cdot 10^{-3}$$

$$h := \left[\int_{1127.4}^{1194.75} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400\right] \qquad h = 0.022$$

$$i := \left[\int_{1194.75}^{1228.07} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right] \qquad i = 8.833 \cdot 10^{-3}$$

$$j := \left[\int_{1228.07}^{1284.46} -0.14837132 + \frac{1.215706588}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800\right] \qquad j = 0.014$$

$$a + b + c + d + e + f + g + h + i + j = 0.8$$

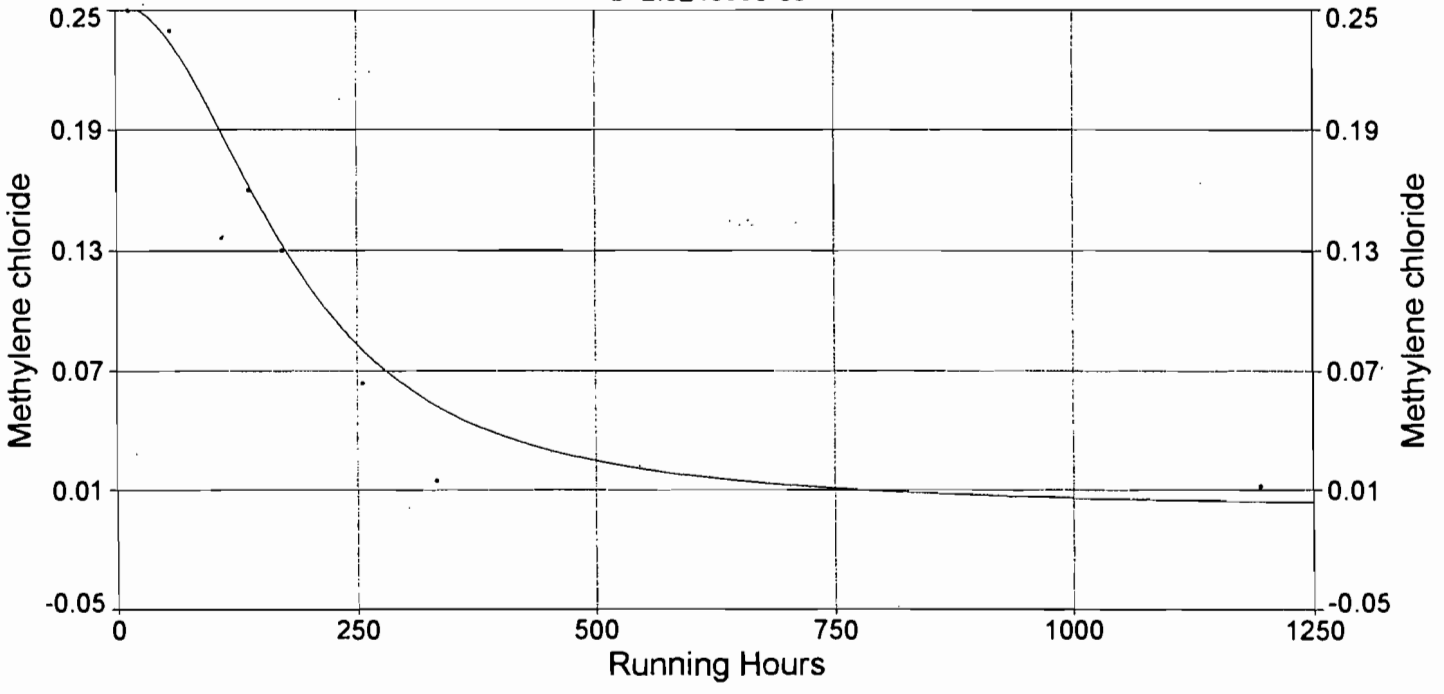
Zone 1

Rank 1 Eqn 47 $y^{-1}=a+bx^2\ln x$

r^2=0.96906376 DF Adj r^2=0.95359564 FitStdErr=0.019055589 Fstat=156.62273

a=3.9593348

b=2.324366e-05



Rank 1 Eqn 47 $y^{-1}=a+bx^2\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9690637582	0.9535956373	0.0190555888	156.62273457

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	3.959334823	0.231387718	17.11125753	3.364533758	4.554135888
b	2.32437e-05	5.03531e-06	4.616135128	1.03e-05	3.61873e-05

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Zone 1 Methylene chloride

$$a := \left[\int_{13}^{56.5} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot34260\right]$$

$$b := \left[\int_{56.5}^{172.5} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32700\right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot33300\right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot35280\right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32520\right]$$

$$h := \int_{1127.4}^{1194.75} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot38400$$

$$i := \int_{1194.75}^{1228.07} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32880$$

$$j := \int_{1228.07}^{1284.46} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot31800$$

$a = 0.079$

$b = 0.152$

$c = 0.13$

$d = 0.041$

$e = 0.013$

$f = 0.011$

$g = 1.083\cdot10^{-3}$

$h = 2.489\cdot10^{-3}$

$i = 9.635\cdot10^{-4}$

$j = 1.461\cdot10^{-3}$

$a + b + c + d + e + f + g + h + i + j = 0.431$

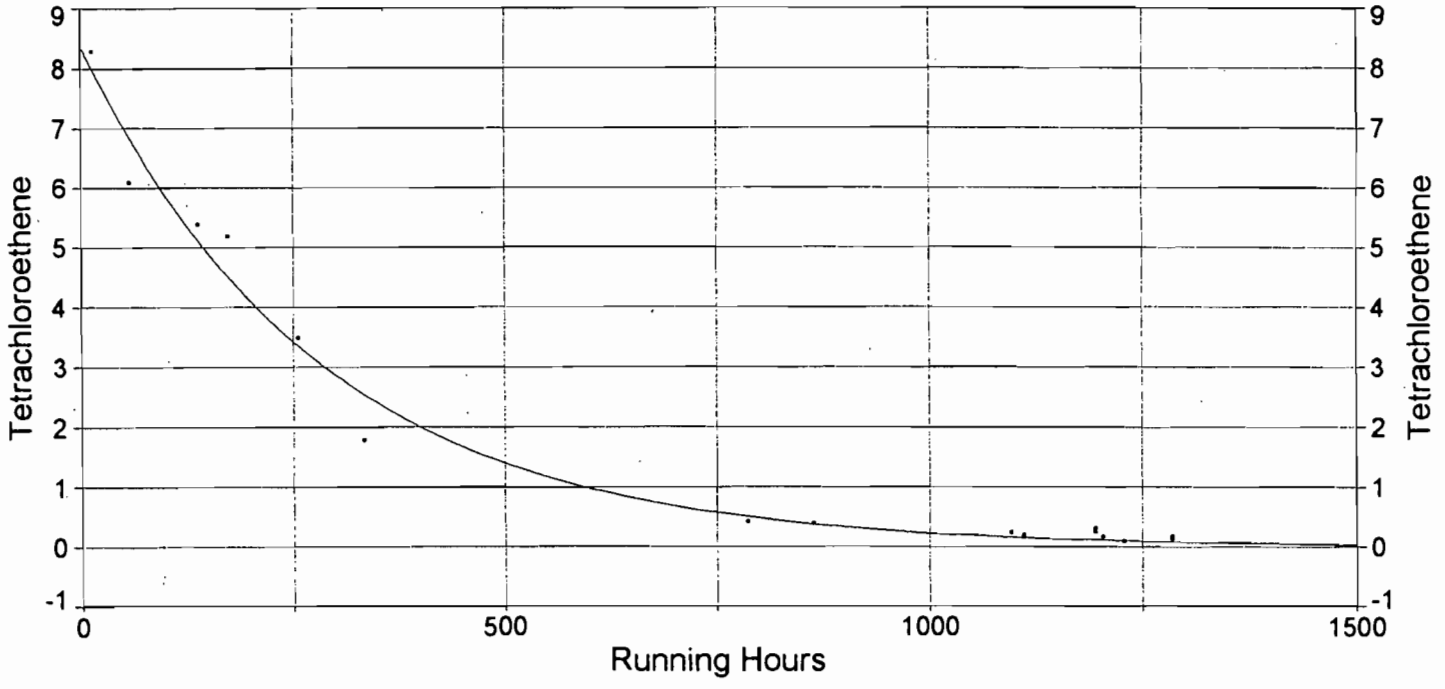
Zone 1

Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2=0.98379172 DF Adj r^2=0.98147625 FitStdErr=0.35174511 Fstat=910.45268

a=8.3974658

b=279.84509



Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9837917158	0.9814762467	0.3517451097	910.45267895

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	8.397465769	0.304186504	27.60630619	7.749107583	9.045823956
b	279.8450859	21.08396964	13.27288412	234.9056683	324.7845034

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Zone 1 Tetrachloroethene

$$a := \left[\int_{13}^{56.5} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1228.07} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 4.675$

$b = 9.004$

$c = 10.84$

$d = 4.477$

$e = 1.277$

$f = 0.836$

$g = 0.069$

$h = 0.128$

$i = 0.051$

Zone 1 Tetrachloroethene

$$j := \left[\int_{1228.07}^{1284.46} 8.397465769 \cdot \exp\left(\frac{-x}{279.8450859}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$$j = 0.072$$

$$a + b + c + d + e + f + g + h + i + j = 31.428$$

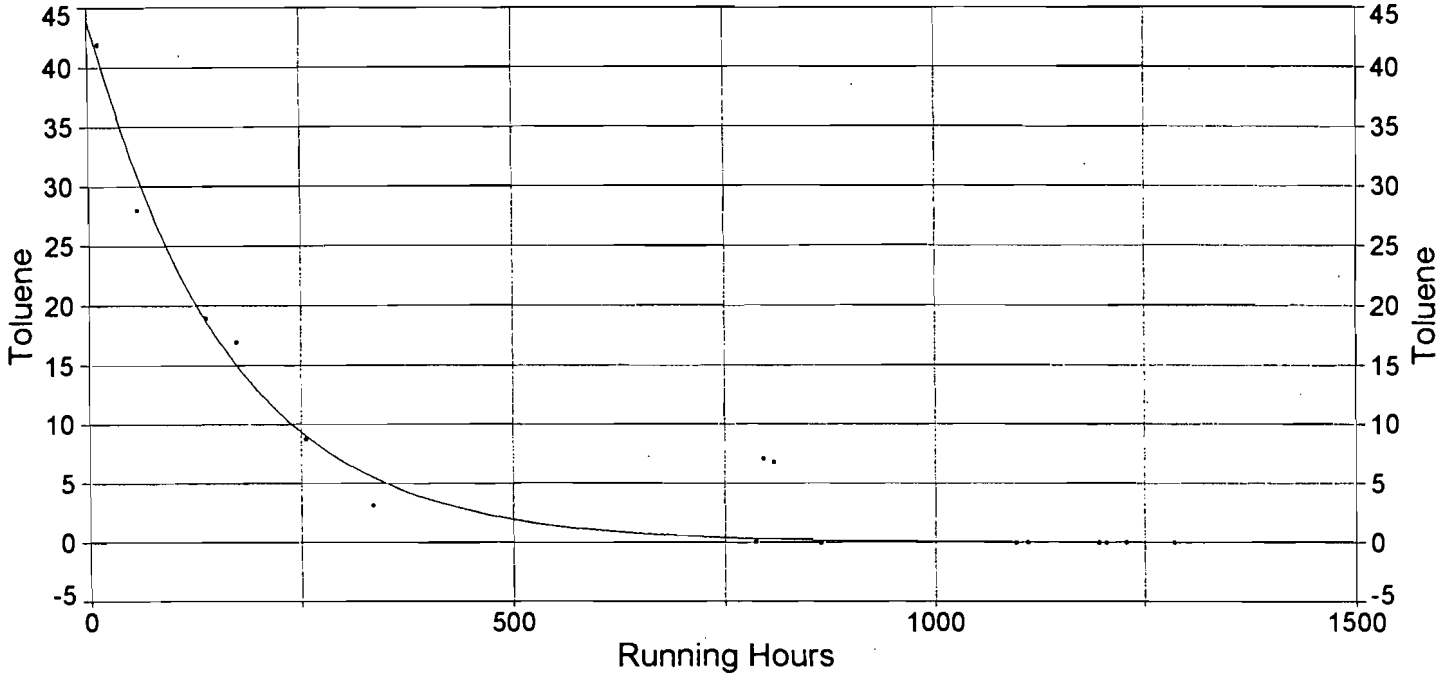
Zone 1

Rank 3 Eqn 22 lny=a+bx

r^2=0.99151828 DF Adj r^2=0.9902134 FitStdErr=1.2083316 Fstat=1636.6081

a=3.7887916

b=-0.0062184512



Rank 3 Eqn 22 lny=a+bx

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9915182773	0.9902133969	1.2083316066	1636.6080803

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	3.788791629	0.028405903	133.3804339	3.727867027	3.849716231
b	-0.00621845	0.000329374	-18.8796289	-0.00692489	-0.00551202

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Zone 1 Toluene

$$a := \int_{13}^{56.5} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260$$

$$b := \int_{56.5}^{172.5} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700$$

$$c := \int_{172.5}^{434} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300$$

$$d := \int_{434}^{692.25} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280$$

$$e := \int_{692.25}^{863.75} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300$$

$a = 12.5$

$b = 19.739$

$c = 15.274$

$d = 3.167$

$e = 0.492$ $\qquad a + b + c + d + e = 51.172$

Zone 1 Toluene

$$a := \left[\int_{863.75}^{1095.8} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$b := \left[\int_{1095.8}^{1127.4} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$c := \left[\int_{1127.4}^{1194.75} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$d := \left[\int_{1194.75}^{1228.07} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$$e := \left[\int_{1228.07}^{1284.46} e^{3.788791629 + -0.00621845 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800\right]$$

$a = 0.349$ $\quad$ $e = 0.014$

$b = 0.019$

$c = 0.031$

$d = 0.011$

$51.172 + a + b + c + d + e = 51.596$

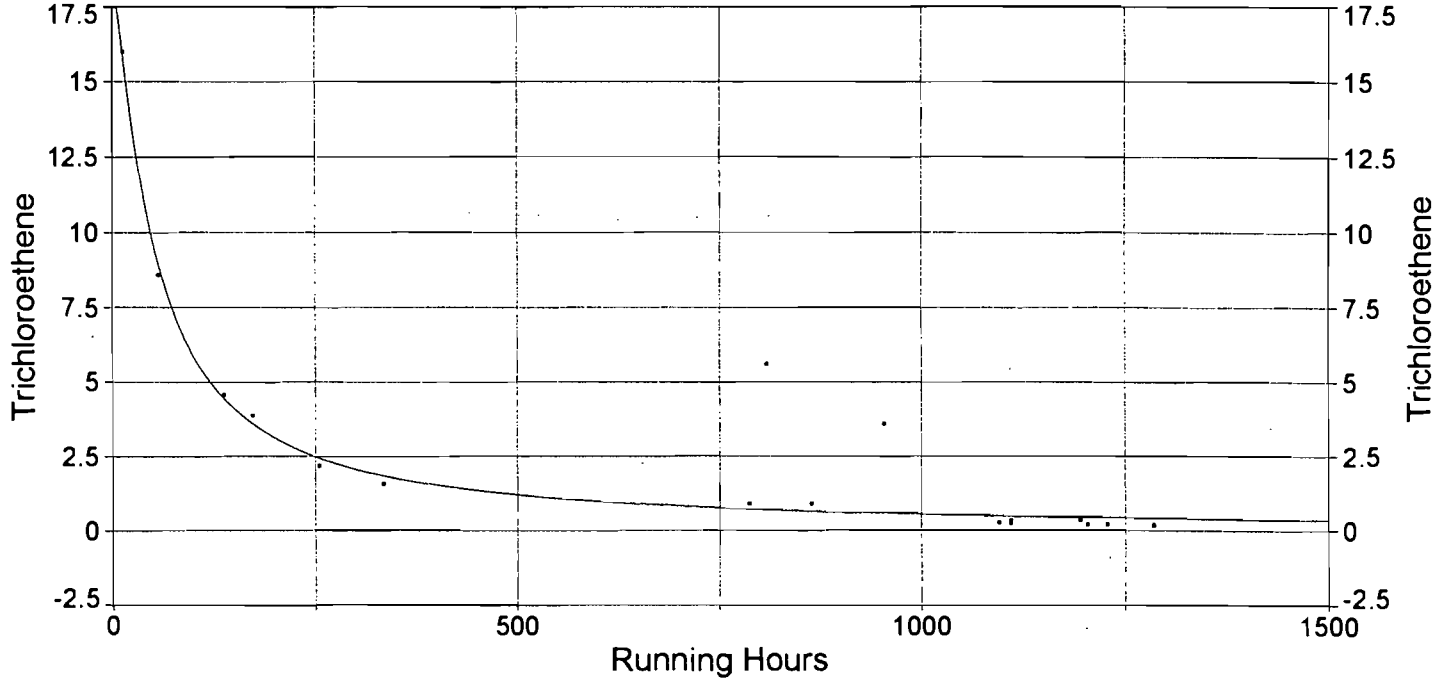
Zone 1

Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.99706973$ DF Adj $r^2=0.99665112$ FitStdErr=0.2320061 Fstat=5103.9806

a=0.054520287

b=0.0002490979



Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9970697291	0.9966511189	0.2320060995	5103.9805676

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.054520287	0.001004474	54.27744422	0.052379301	0.056661273
b	0.000249098	9.12412e-06	27.30103176	0.000229650	0.000268546

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Zone 1 Trichloroethene

$$a := \left[\int_{13}^{56.5} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1228.07} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 5.976$

$b = 7.109$

$c = 6.412$

$d = 3.3$

$e = 1.429$

$f = 1.473$

$g = 0.172$

$h = 0.364$

$i = 0.167$

Zone 1 Trichloroethene

$$j := \left[\int_{1228.07}^{1284.46} \frac{1}{0.054520287 + 0.0002490979 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{131.39}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right] \qquad j = 0.262$$

$$a + b + c + d + e + f + g + h + i + j = 26.664$$

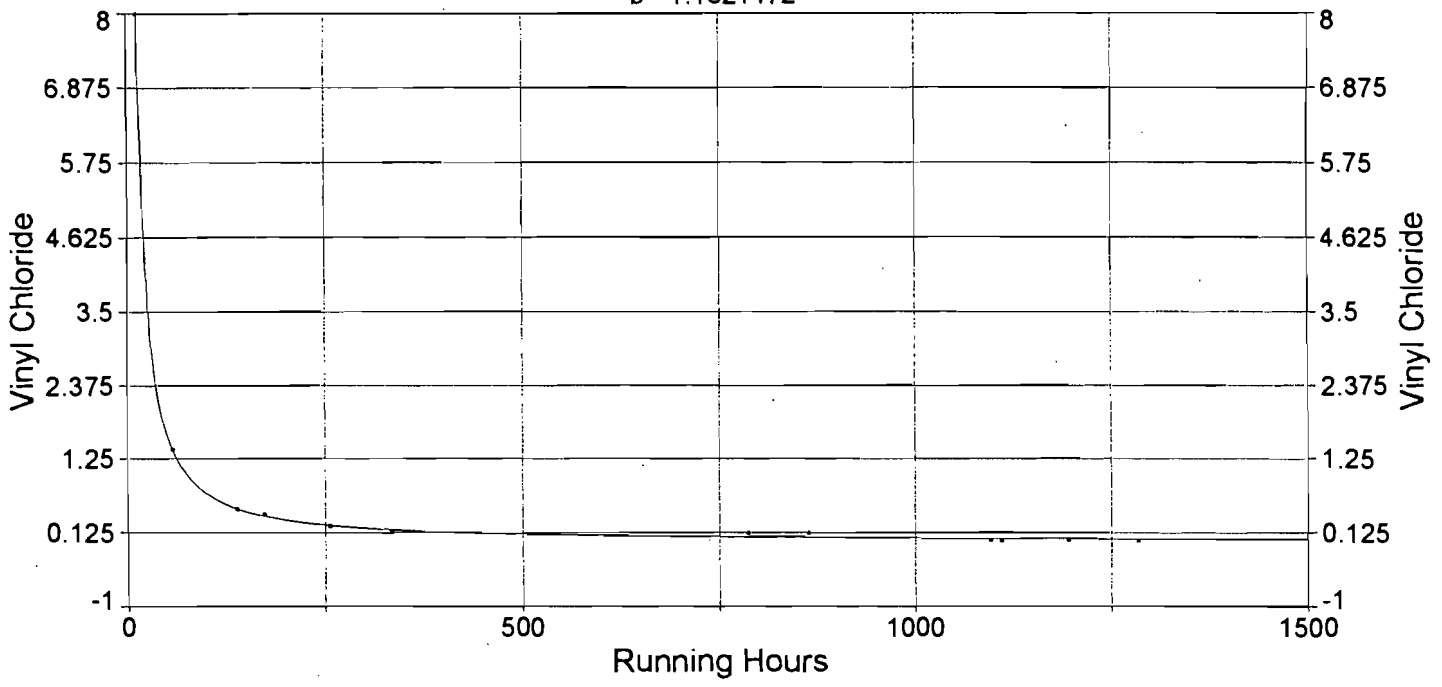
Zone 1

Rank 1 Eqn 8156 [Power_] $y=ax^b$

r^2=0.99975964 DF Adj r^2=0.99970623 FitStdErr=0.036817928 Fstat=41594.434

a=165.91802

b=-1.1821472



Rank 1 Eqn 8156 [Power_] $y=ax^b$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9997596410	0.9997062279	0.0368179281	41594.433615

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	165.9180192	5.959467140	27.84108298	152.6394989	179.1965394
b	-1.18214725	0.013560348	-87.1767648	-1.21236158	-1.15193291

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Zone 1 Vinyl Chloride

$$a := \left[\int_{13}^{56.5} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right] \qquad a = 0.731$$

$$b := \left[\int_{56.5}^{172.5} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right] \qquad b = 0.419$$

$$c := \left[\int_{172.5}^{434} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad c = 0.292$$

$$d := \left[\int_{434}^{692.25} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right] \qquad d = 0.138$$

$$e := \left[\int_{692.25}^{863.75} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad e = 0.058$$

$$f := \left[\int_{863.75}^{1095.8} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right] \qquad f = 0.059$$

$$g := \left[\int_{1095.8}^{1127.4} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right] \qquad g = 6.809 \cdot 10^{-3}$$

$$h := \left[\int_{1127.4}^{1194.75} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right] \qquad h = 0.014$$

$$i := \left[\int_{1194.75}^{1228.07} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right] \qquad i = 6.558 \cdot 10^{-3}$$

$$j := \left[\int_{1228.07}^{1284.46} 165.9180192 \cdot x^{-1.18214725}\,dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800\right] \qquad j = 0.01$$

$$a + b + c + d + e + f + g + h + i + j = 1.735$$

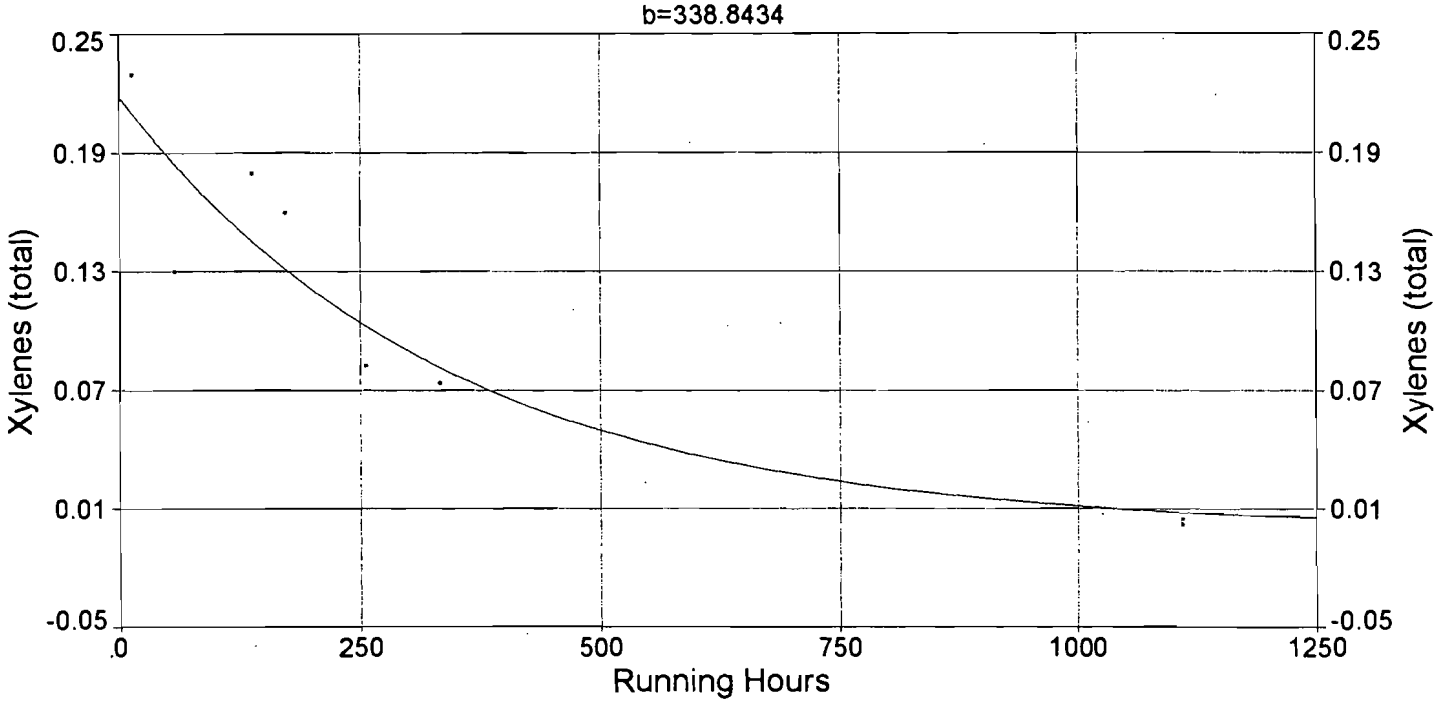
Zone 1

Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2=0.87389279 DF Adj r^2=0.8234499 FitStdErr=0.03139044 Fstat=41.578564

a=0.21853133

b=338.8434



Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.8738927884	0.8234499038	0.0313904399	41.578563704

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.218531328	0.026855141	8.137411369	0.152819166	0.284243491
b	338.8434001	100.7980608	3.361606339	92.19943070	585.4873696

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Zone 1 Xylenes (total)

$$a := \left[\int_{13}^{56.5} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \right]$$

$$b := \left[\int_{56.5}^{172.5} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{172.5}^{434} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$d := \left[\int_{434}^{692.25} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \right]$$

$$e := \left[\int_{692.25}^{863.75} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$a = 0.08$ $\quad d = 0.105$

$b = 0.161$ $\quad e = 0.034$

$c = 0.216$

$a + b + c + d + e = 0.595$

Zone 1 Xylenes (total)

$$a := \left[\int_{863.75}^{1095.8} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$b := \left[\int_{1095.8}^{1127.4} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$c := \left[\int_{1127.4}^{1194.75} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \right]$$

$$d := \left[\int_{1194.75}^{1228.07} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$$e := \left[\int_{1228.07}^{1284.46} 0.218531328 \cdot \exp\left(\frac{-x}{338.8434001}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.025$

$b = 2.286 \cdot 10^{-3}$

$c = 4.386 \cdot 10^{-3}$

$d = 1.815 \cdot 10^{-3}$

$e = 2.604 \cdot 10^{-3}$

$0.595 + a + b + c + d + e = 0.631$

5283.45 Mouth

SNL

Running Hours	Vinyl Chloride	Trichlorofluoro-methane	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	Methylene chloride	trans-1,2-Dichloroethene
28.00	10	1.7	2.5		1.6	
73.00	6.2	1.5	1.6		1.9	
156.00	2.9	1.4	1.5		1.6	0.5
191.00	2	0.81	0.88	0.87	0.92	0.29
275.75	1.7	1.1	1.1	0.69	0.69	0.33
351.00	1.1	0.59	0.67		0.68	
808.25	0.27	0.11	0.31		0.2	
886.25					0.94	
886.25		0.12	0.4			
970.25						
1030.25						
1155.25						
1296.25						
1910.22			0.1			
2687.81			0.14		0.160	
2829.30						
3327.36			0.076		0.027	0.04
3477.69						
3620.84						
3811.67						
3974.59						
4161.74						
4186.95						
4539.33			0.1		0.06	
4658.53						
4682.46						
4706.64						
4730.07						
4822.00						
4845.68						
4871.11						
4894.79						
4989.97						
5013.40						
5037.33						
5137.26					0.063	
5292.37						
5304.55						
5590.02					0.048	0.022
5755.03						
6086.21	0.100	0.007	0.096		0.043	0.028
6305.46						
6575.44						
6695.17						
6741.78						
6863.14						
7238.75					0.06	
7358.75					0.05	
7526.75					0.05	
7550.75					0.04	
7677.75					0.06	
7696.00					0.08	
7973.15						
7978.65						
7996.90					0.16	
8020.40						
8044.15					0.43	
8051.40						
8141.90						
8145.40						
8164.40						
8188.15						
8188.15	0.07		0.07		0.04	
8210.90					0.06	
8213.90					0.05	
8308.15					0.05	
8308.15	0.07		0.08		0.04	0.02
8353.99					0.05	
8377.67					0.05	
8382.42					0.07	
8473.79					0.05	
8502.47						
8520.48					0.05	
8525.98					0.05	
8544.09					0.05	
8549.34					0.05	
8646.45					0.05	
8663.08					0.04	

Zone 2

cis-1,2-Dichloroethene	Chloroform	Benzene	Trichloroethene	Toluene	Tetrachloroethene	Ethylbenzene	Xylenes (total)
130	1.2	2.3	130	220	10	1.4	7.4
64	0.52	1.6	83	130	6.1	0.9	5.3
39	0.77	1.2	65	75	5.2	0.58	3.7
24	0.51	0.73	42	46	3.6	0.38	2.4
21	0.7	0.68	42	35	3.6	0.28	2.2
17	0.63	0.54	50	41	3.3	0.19	1.5
7.7	0.34	0.2	28	22	1.8		0.89
16.5			37.3	28.51			
8.7	0.37	0.17	36	26	2		0.76
15.42			37.33	26.57	3.43		
12.93			37.88	28.33	1.19		
16.42			23.69	19.74			
7.12			25.06	11.05			
3.3	0.3		13	9.9	0.68	0.24	0.59
4.000	0.470	0.120	15.000	12.000	0.700	0.250	0.500
2.027			10.144	5.816			
2.600	0.190	0.037	9.500	8.200	0.580	0.055	0.210
2.384			8.767	6.800	0.051		
2.212			7.425	5.292	0.112	0.881	
2.010			7.280	5.223		0.174	
1.777			7.509	3.365			
2.304			7.437	4.062	0.197		
2.307			8.235	5.144	0.127		
2.300	0.200		11.000	6.600	0.590	0.028	0.095
1.888			6.327	5.068			
1.628			6.713	7.780			
1.927			7.715	7.124			
2.268			8.733	6.031	0.12		
1.745			6.747	4.851	0.596		
1.758			7.283	5.145			
1.536			6.514	4.691	0.238		
1.741			7.278	6.355			
1.713			6.567	3.927			
1.261			6.057	3.648			
1.579			5.309	5.34			
2.000	0.180		9.700	4.900	0.580		
0.933			6.548	1.800	0.306		
2.078			6.015	1.902	0.212		
1.800	0.160		8.400	3.600	0.580		0.064
1.900	0.150		8.200	3.700	0.560		0.064
1.900	0.130	0.022	6.900	2.600	0.430	0.011	0.047
1.700	0.240		7.100	2.600	0.460		
1.857			1.145	2.348	0.194		
2.50			14.94	4.95	0.39		
2.34			13.61	4.03	0.33		
2.02			12.16	3.01			
2.11			13.69	4.85	0.40		
1.87			12.97	4.87	0.38		
2.28			14.54	6.24	0.44		
1.93			13.05	5.22	0.26		
1.70			11.83	3.18	0.21		
1.82			11.19	3.74	0.31		
0.26			2.59	0.12			
0.33			2.51	0.07			
			4.21	0.11			
0.53			2.63	0.11			
0.16			2.43	0.13			
			1.96	0.03			
0.35			2.61	0.14			
			2.13				
0.45			1.85				
			1.94				
1.10	0.18		4.30	0.94	0.26		
0.86		0.02	5.26	0.86	0.13	0.01	
0.75		0.01	4.70	0.80	0.11	0.01	0.00
0.84		0.01	5.82	1.07	0.14	0.01	0.00
1.10	0.18		4.80	1.10	0.25		
0.83		0.01	5.75	0.94	0.13	0.01	
0.76		0.01	6.50	1.28	0.15	0.00	
0.97		0.02	7.26	1.26	0.19	0.01	0.00
1.01		0.01	7.95	1.62	0.18	0.00	
0.88		0.01	7.32	1.38	0.16	0.00	
1.02		0.01	9.12	1.72	0.18		
0.89		0.01	7.60	1.41	0.18		
0.84		0.01	7.13	1.48	0.20	0.00	
0.85		0.01	6.90	1.62	0.18		
0.83		0.01	5.99	0.74	0.14		
0.93		0.01	8.22	1.62	0.19		

Zone 2
From
18-Dec-97
to
12-Jan-00

3,137.601

Zone 1 + Zone 2

145.848 + 3137.601

= 3,283.449

8667.08				0.05
8692.19				0.05
8710.87				0.05
8714.37				0.05
8805.98				0.05
8810.23				0.04
8853.34				0.05
8859.09				0.05
8965.87				0.05
8989.02				0.05
8993.52				0.04
9028.83				0.05
9124.33				0.04
9179.06				0.05
9585.24				0.01
9636.42				0.01
9655.10				0.01
9751.78				0.02
9823.71				0.02
9919.64				0.02
9991.57				0.02
10072.00				0.02
10115.00				0.01
10211.43				0.02
10282.86				0.02
10380.04				
10452.47				0.02
10548.07				0.02
10620.00				
10715.68				0.02
10786.61				0.02
10882.79				0.02
10954.52				0.02
11051.15				0.02
11122.83				0.02
11218.76				0.02
11290.69				0.02
11386.62				0.02
11434.81				
11554.56				0.02
11602.24				0.02
11698.92				0.01
11721.85	0.05	0.02	0.05	0.03
11732.10				0.02
11753.85				0.01
11845.78				0.01
11917.96				
12017.89	549			0.01
12086.32	~~549~~			
12186.25				
12252.93				
12350.61	541			
12421.04				
12517.72		32460		
12589.65				
12685.58				
12757.01				
12853.44				
12925.12				
13021.05				
13092.73				
13188.91	526			
13261.84				
13357.21				0.01
13404.89				0.01
13524.57				
13596.75				
13692.93				
13763.86	524			
13909.29				
14005.91				
14321.59				
14385.02	541			
14476.49				
14476.49	0.05	0.00	0.07	0.02
14633.94				
14788.30				

			TCE	TOL	PCE	
0.88		0.01	8.18	1.53	0.19	EB2
0.82		0.01	7.60	1.42	0.19	
0.84		0.01	7.33	1.07	0.18	
0.76		0.01	6.85	0.86	0.18	
0.89		0.01	7.38	1.00	0.17	
0.85		0.01	7.10	0.89	0.17	
0.87		0.01	7.61	1.14	0.18	
0.80		0.01	7.64	1.19	0.18	0.00
0.84		0.01	7.34	1.25	0.17	
0.85		0.01	7.80	1.29	0.19	
0.76		0.01	7.21	1.12	0.17	
0.88		0.01	7.12	1.25	0.18	
0.64		0.00	6.14	0.98	0.15	
0.84		0.01	7.49	1.30	0.21	
1.09		0.00	7.64	0.97	0.25	
1.00		0.00	6.12	0.59	0.14	
0.73		0.00	5.17	0.47	0.23	
1.00		0.00	7.35	0.89	0.16	
0.78		0.00	6.60	0.83	0.12	
0.88		0.00	7.15	0.92	0.17	
0.84		0.00	6.75	0.83	0.16	
0.97		0.00	7.39	0.93	0.19	
0.82		0.00	6.62	0.72	0.27	
0.89		0.00	6.71	0.74	0.19	
0.80		0.00	6.37	0.58	0.33	
0.75		0.01	6.35	0.71	0.15	
1.06		0.00	9.70	0.69	0.21	
0.74		0.00	7.18	0.53	0.12	
0.93		0.02	7.62	0.61	0.10	
0.81		0.00	7.14	0.59	0.08	
0.80		0.00	7.30	0.76	0.04	
0.91		0.00	7.61	0.84	0.05	
0.82			6.90	0.61	0.06	
0.93		0.00	7.52	0.82		
0.90		0.00	7.32	0.78	0.17	
0.94		0.00	7.64	0.87	0.16	
0.80		0.00	7.06	0.63	0.13	
0.93		0.00	7.27	0.76	0.19	
0.80		0.00	6.38	0.65	0.16	
0.71			6.00	0.46	0.12	
0.86			7.15	0.59	0.13	
0.76			6.44	0.44	0.10	
0.69	0.13	0.00	2.00	0.16	0.05	
0.85		0.10	7.43	0.39	0.43	0.08
0.92		0.00	6.68	0.59	0.18	
0.73			6.31	0.44	0.11	
0.96			6.96	0.57	0.16	
0.75			6.06	0.40	0.09	
0.80			6.68	0.51	0.15	
0.66			4.94	0.39	0.07	
0.71			5.16	0.39	0.10	
0.61			4.68	0.34	0.08	
0.66			4.54	0.32	0.09	
0.67			4.57	0.32	0.09	
0.70			4.82	0.34	0.09	
0.70			4.68	0.31	0.09	
0.64			4.54	0.28	0.08	
0.54			3.91	0.23	0.06	
0.64			3.83	0.24	0.07	
0.60			3.91	0.21	0.06	
0.52			3.33	0.18	0.04	
0.64			4.18	0.23	0.07	
0.62			4.19	0.21	0.07	
0.53			4.00	0.15	0.04	
0.63			4.42	0.21	0.06	
0.68			4.58	0.22	0.07	
0.73			4.98	0.24	0.08	
0.68			4.78	0.21	0.05	
0.71			4.73	0.22	0.07	
0.56			3.68	0.06	0.07	
0.59			4.09	0.11	0.06	
0.60			4.73	0.14	0.06	
0.43			2.61	0.03	0.05	
0.54			3.82	0.05	0.07	
0.78	0.13	0.00	3.30	0.10	0.15	
0.55			4.61	0.14	0.13	
0.61			3.77	0.05	0.03	

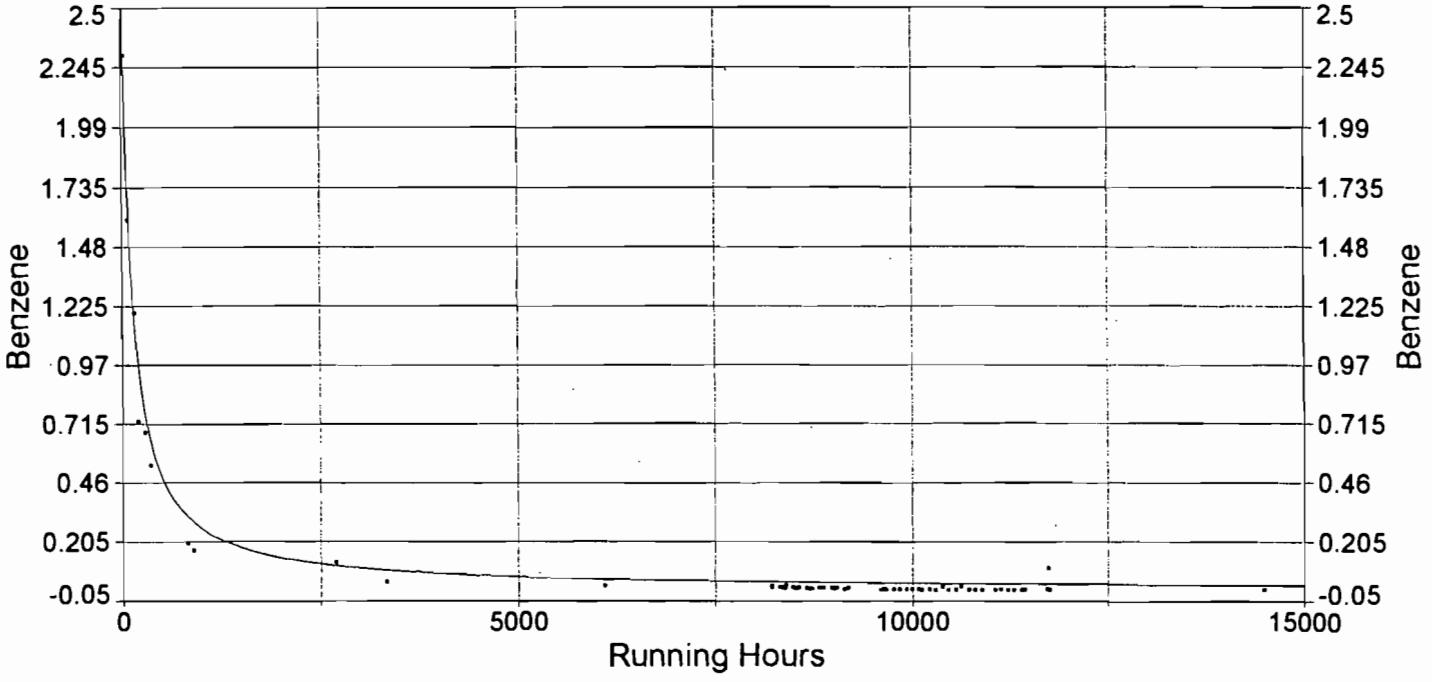
Zone 2

Rank 3 Eqn 43 $y^{-1}=a+bx$

r^2=0.98280458 DF Adj r^2=0.98226722 FitStdErr=0.050664695 Fstat=3715.0765

a=0.34612117

b=0.0034598783



Rank 3 Eqn 43 $y^{-1}=a+bx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9828045808	0.9822672240	0.0506646949	3715.0764997

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	0.346121172	0.011806000	29.31739660	0.326421256	0.365821087
b	0.003459878	0.000180148	19.20576846	0.003159277	0.003760480

Date	Time	File Source
Feb 15, 2000	10:28:45 AM	C:\TCWIN4\CLIPBRD.WK1

a 4.143

b 7.726

c 8.846

d 9.201

Zone 2 Benzene

$$a := \left[\int_{28}^{73} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$a = 0.61$

$b = 1.016$

$c = 1.343$

$d = 0.826$

$e = 0.348$

$a + b + c + d + e = 4.143$

Zone 2 Benzene

$$a := \left[\int_{886.25}^{1910.22} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$b := \left[\int_{1910.22}^{2687.813} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$c := \left[\int_{2687.813}^{4161.74} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$d := \left[\int_{4161.74}^{5292.37} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$e := \left[\int_{5292.37}^{5731.7} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$f := \left[\int_{5731.7}^{6614.12} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 1.34$

$b = 0.604$

$c = 0.788$

$d = 0.457$

$e = 0.144$

$f = 0.25$

$4.143 + a + b + c + d + e + f = 7.726$

Zone 2 Benzene

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12186.25} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$a = 0.348$

$b = 0.101$

$c = 9.603 \cdot 10^{-3}$

$d = 0.131$

$e = 0.23$

$f = 0.301$

$7.726 + a + b + c + d + e + f = 8.846$

Zone 2 Benzene

$$a := \left[\int_{12186.25}^{13021.05} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$$b := \left[\int_{13021.05}^{13692.93} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$c := \left[\int_{13692.93}^{14005.91} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

$$d := \left[\int_{14005.91}^{14788.30} \frac{1}{0.346121172 + 0.0034598783 \cdot x} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$a = 0.123$

$b = 0.091$

$c = 0.041$

$d = 0.101$

$8.846 + a + b + c + d = 9.201$

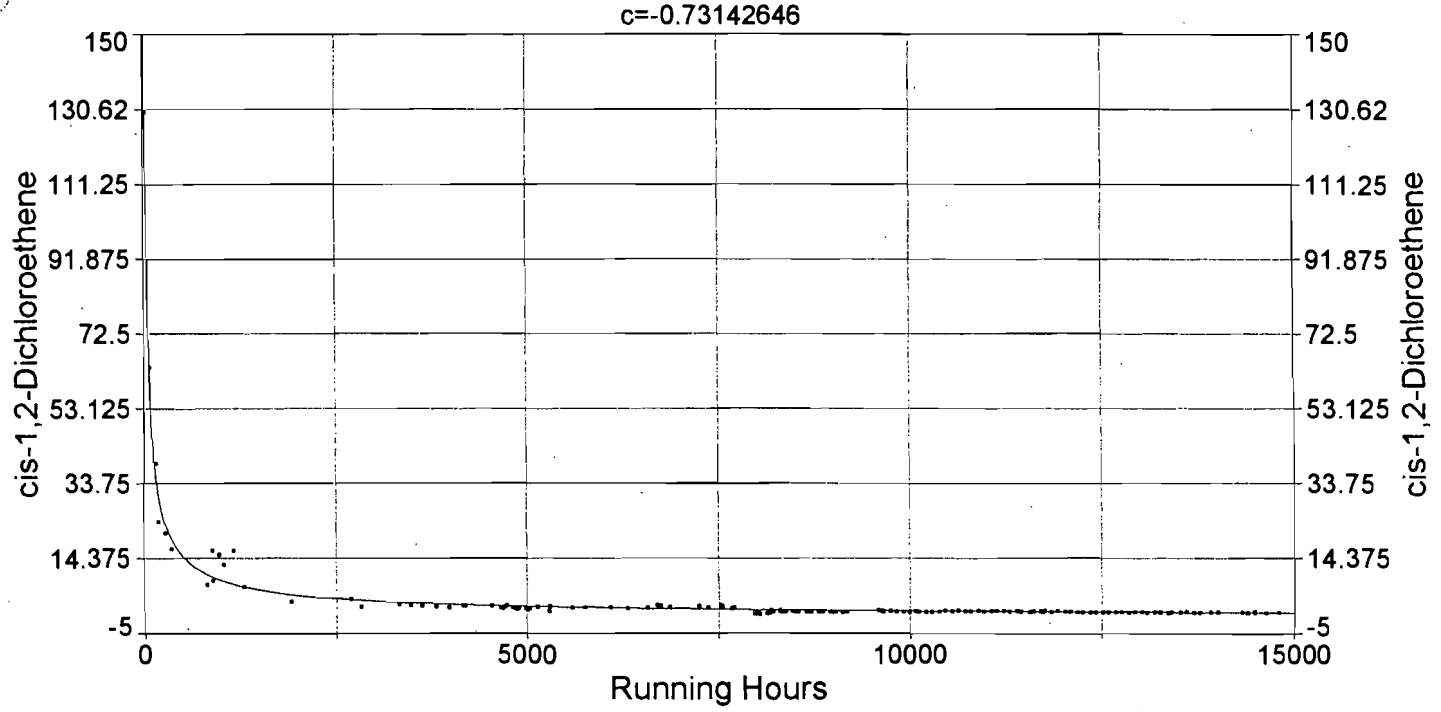
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.98754853 DF Adj r^2=0.98729442 FitStdErr=1.3999511 Fstat=5869.0741

a=-0.86467189 b=1491.4781

c=-0.73142646



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9875485315	0.9872944199	1.3999511154	5869.0741018

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	-0.86467189	0.198485164	-4.35635527	-1.19320742	-0.53613637
b	1491.478072	68.41175565	21.80148802	1378.241941	1604.714202
c	-0.73142646	0.012307307	-59.4302617	-0.75179770	-0.71105523

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a = 332

b = 388.926

Zone 2 cis-1,2-Dichloroethene

$$a := \left[\int_{28}^{73} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 cis-1,2-Dichloroethene

$$j := \left[\int_{5292.37}^{5731.7} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 34.364$	$d = 32.19$	$g = 26.844$	$j = 6.485$
$b = 42.608$	$e = 13.95$	$h = 35.837$	$k = 11.136$
$c = 51.328$	$f = 56.445$	$i = 20.812$	

$a + b + c + d + e + f + g + h + i + j + k = 332$

Zone 2 cis-1,2-Dichloroethene

$$a := \left[\int_{6614.12}^{8051.4} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12186.25} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$g := \left[\int_{12186.25}^{13021.05} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$h := \left[\int_{13021.05}^{13692.93} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$i := \left[\int_{13692.93}^{14005.91} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

Zone 2 cis-1,2-Dichloroethene

$$j := \left[\int_{14005.91}^{14788.30} -0.86467189 + 1491.478072 \cdot x^{-0.73142646} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$a = 15.04$	$d = 5.366$	$g = 4.278$	$j = 3.081$
$b = 4.255$	$e = 9.109$	$h = 2.973$	
$c = 0.4$	$f = 11.135$	$i = 1.288$	

$332. + a + b + c + d + e + f + g + h + i + j = 388.926$

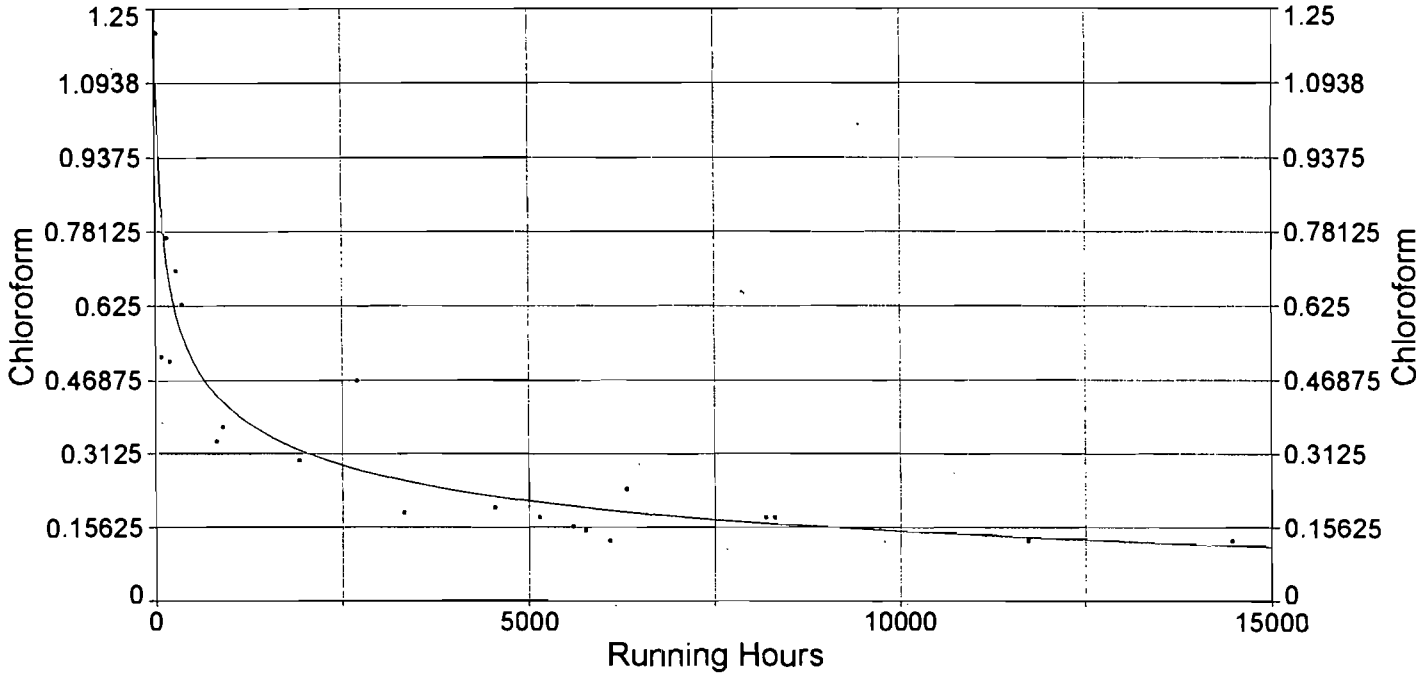
Zone 2

Rank 4 Eqn 76 $y^{0.5}=a+b\ln x$

$r^2=0.84287184$ DF Adj $r^2=0.82541316$ FitStdErr=0.1126585 Fstat=101.9204

a=1.3972317

b=-0.10981396



Rank 4 Eqn 76 $y^{0.5}=a+b\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.8428718414	0.8254131571	0.1126585035	101.92040136

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	1.397231692	0.137527158	10.15967838	1.159428971	1.635034413
b	-0.10981396	0.021209911	-5.17748312	-0.14648871	-0.07313920

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a = 19.96

b = 31.653

Zone 2 Chloroform (TCM)

$$a := \left[\int_{28}^{73} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

$$j := \left[\int_{5292.37}^{5731.7} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920\right]$$

Zone 2 Chloroform

$$k := \left[\int_{5731.7}^{6614.12} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 0.454$	$d = 1.451$	$g = 2.279$	$j = 0.869$
$b = 0.913$	$e = 0.731$	$h = 3.684$	$k = 1.595$
$c = 1.708$	$f = 3.727$	$i = 2.549$	

$a + b + c + d + e + f + g + h + i + j + k = 19.96$

Zone 2 Chloroform (TCM)

$$a := \left[\int_{6614.12}^{8051.4} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140\right]$$

$$b := \left[\int_{8051.4}^{8502.47} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{8502.47}^{8549.34} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720\right]$$

$$d := \left[\int_{8549.34}^{9179.06} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$e := \left[\int_{9179.06}^{10380.04} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820\right]$$

$$f := \left[\int_{10380.04}^{12186.25} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940\right]$$

$$g := \left[\int_{12186.25}^{13021.05} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$$h := \left[\int_{13021.05}^{13692.93} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560\right]$$

$$i := \left[\int_{13692.93}^{14005.91} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440\right]$$

$$j := \left[\int_{14005.91}^{14788.30} (1.397231692 + -0.10981396 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$a = 2.403$	$d = 0.985$	$g = 1.071$	$j = 0.924$
$b = 0.742$	$e = 1.808$	$h = 0.808$	
$c = 0.071$	$f = 2.514$	$i = 0.367$	

$$19.96 + a + b + c + d + e + f + g + h + i + j = 31.653$$

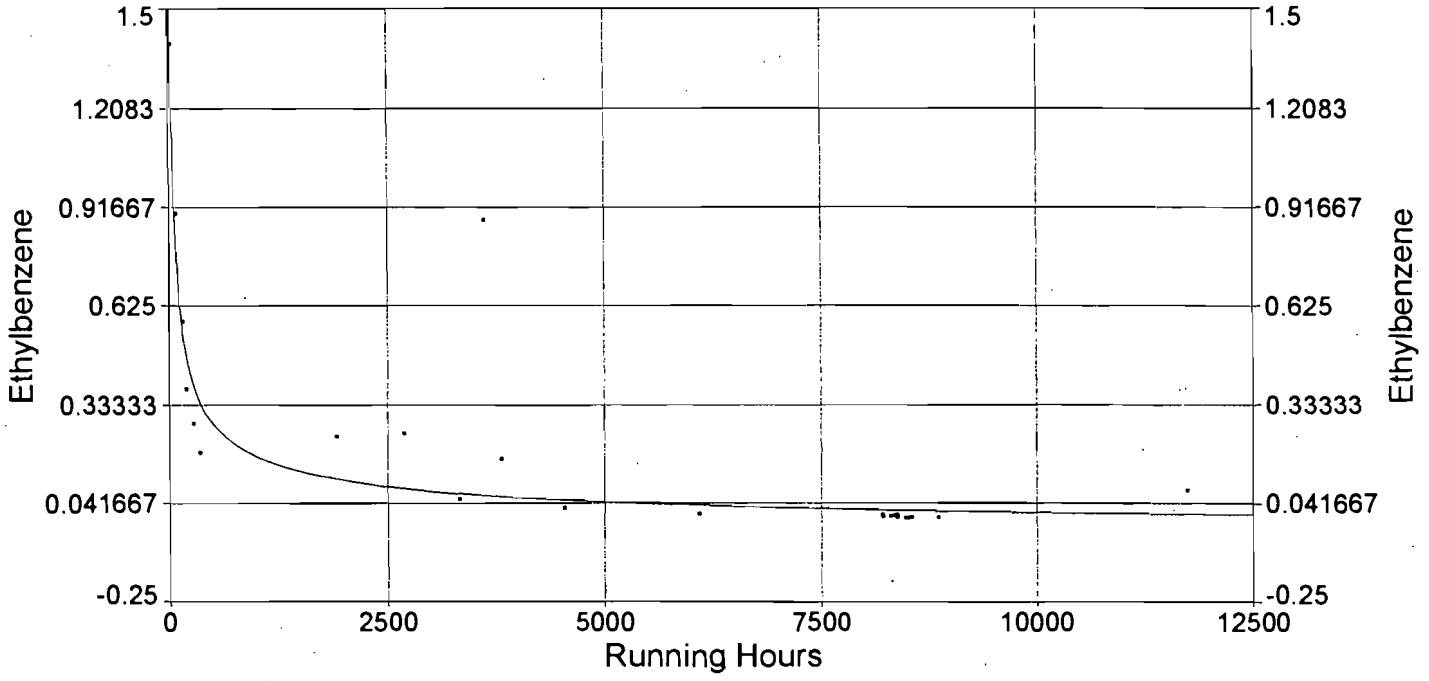
Zone 2

Rank 1 Eqn 15 $y=a+b/x^{0.5}$

r^2=0.9533736 DF Adj r^2=0.94871096 FitStdErr=0.075995247 Fstat=429.38861

a=-0.060673769

b=7.5706928



Rank 1 Eqn 15 $y=a+b/x^{0.5}$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9533735993	0.9487109592	0.0759952466	429.38861396

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.06067377	0.020248999	-2.99638363	-0.10278387	-0.01856367
b	7.570692791	0.365351051	20.72169428	6.810903686	8.330481895

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a = 6.847

b = 7.836

Zone 2 Ethylbenzene

$$a := \left[\int_{28}^{73} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 Ethylbenzene

$$j := \left[\int_{5292.37}^{5731.7} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 0.443$ $d = 0.67$ $g = 0.66$ $j = 0.157$

$b = 0.668$ $e = 0.305$ $h = 0.894$ $k = 0.263$

$c = 0.956$ $f = 1.317$ $i = 0.513$

$a + b + c + d + e + f + g + h + i + j + k = 6.847$

Zone 2 Ethylbenzene

$$a := \left[\int_{6614.12}^{8051.4} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12186.25} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$g := \left[\int_{12186.25}^{13021.05} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$$h := \left[\int_{13021.05}^{13692.93} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$i := \left[\int_{13692.93}^{14005.91} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

$$j := \left[\int_{14005.91}^{14788.30} -0.060673769 + \frac{7.570692791}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

Zone 2 Ethylbenzene

$a = 0.337$ $d = 0.109$ $f = 0.172$ $i = 9.738 \cdot 10^{-3}$

$b = 0.09$ $e = 0.17$ $g = 0.05$ $j = 0.017$

$c = 8.303 \cdot 10^{-3}$ $h = 0.028$

$6.847 + a + b + c + d + e + f + g + h + i + j = 7.836$

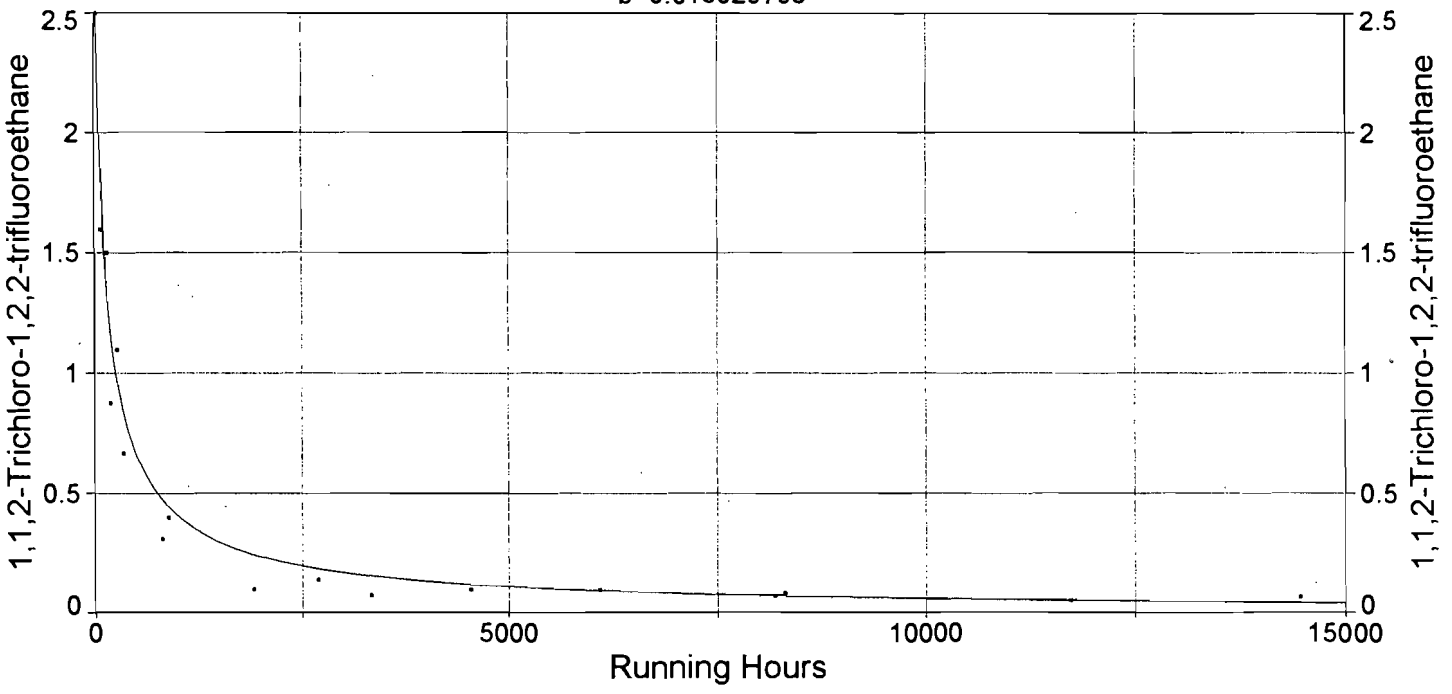
Zone 2

Rank 4 Eqn 53 $y^{-1}=a+bx/\ln x$

r^2=0.96235288 DF Adj r^2=0.95697471 FitStdErr=0.1437285 Fstat=383.43681

a=0.28103004

b=0.015029796



Rank 4 Eqn 53 $y^{-1}=a+bx/\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9623528755	0.9569747149	0.1437284976	383.43680502

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	0.281030043	0.031777558	8.843663972	0.225322384	0.336737701
b	0.015029796	0.001866488	8.052448763	0.011757749	0.018301843

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a = 27.854

b = 35.295

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$a := \left[\int_{28}^{73} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 1.607$	$d = 2.823$	$g = 2.529$	$j = 0.677$
$b = 2.834$	$e = 1.251$	$h = 3.48$	$k = 1.192$
$c = 4.168$	$f = 5.182$	$i = 2.109$	

$$a + b + c + d + e + f + g + h + i + j + k = 27.854$$

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12186.25} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$g := \left[\int_{12186.25}^{13021.05} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$$h := \left[\int_{13021.05}^{13692.93} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$i := \left[\int_{13692.93}^{14005.91} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$j := \left[\int_{14005.91}^{14788.30} \frac{1}{0.281030043 + 0.015029796 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$a = 1.692$	$d = 0.65$	$g = 0.636$	$j = 0.53$
$b = 0.501$	$e = 1.157$	$h = 0.473$	
$c = 0.048$	$f = 1.542$	$i = 0.213$	

$$27.854 + a + b + c + d + e + f + g + h + i + j = 35.295$$

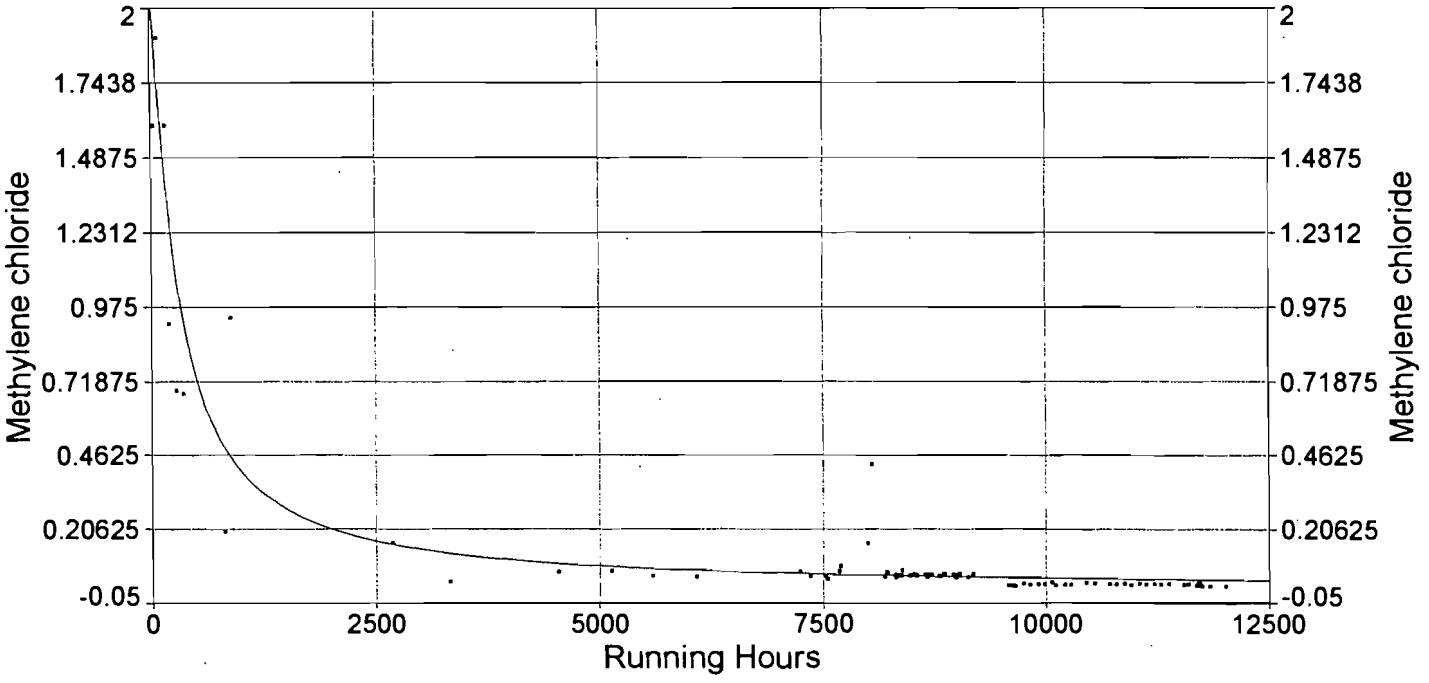
Zone 2

Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.92960576$ DF Adj $r^2=0.92772858$ FitStdErr=0.093034308 Fstat=1003.6338

a=0.48539447

b=0.00028394215



Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9296057626	0.9277285829	0.0930343083	1003.6338273

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.485394473	0.025277123	19.20291591	0.435050719	0.535738227
b	0.000283942	4.29259e-05	6.614711898	0.000198448	0.000369436

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a = 6.821

b = 13.409

15.813

Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{28}^{73} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$a = 0.723 \quad d = 1.571$

$b = 1.489 \quad e = 0.672$

$c = 2.367$

$a + b + c + d + e = 6.821$

Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{886.25}^{1910.22} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$b := \left[\int_{1910.22}^{2687.813} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$c := \left[\int_{2687.813}^{4161.74} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$d := \left[\int_{4161.74}^{5292.37} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$e := \left[\int_{5292.37}^{5731.7} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$f := \left[\int_{5731.7}^{6614.12} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 2.565$ $\quad e = 0.248$

$b = 1.124$ $\quad f = 0.427$

$c = 1.423$

$d = 0.801$

$6.821 + a + b + c + d + e + f = 13.409$

Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12186.25} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$g := \left[\int_{12186.25}^{13021.05} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$$h := \left[\int_{13021.05}^{13692.93} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$i := \left[\int_{13692.93}^{14005.91} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

$$j := \left[\int_{14005.91}^{14788.30} \frac{1}{0.485394473 + 0.000283942 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

Zone 2 Methylene chloride (DCM)

$a = 0.583$ $d = 0.215$ $g = 0.195$ $j = 0.158$

$b = 0.168$ $e = 0.375$ $h = 0.143$

$c = 0.016$ $f = 0.485$ $i = 0.064$

$$13.409 + a + b + c + d + e + f + g + h + i + j = 15.813$$

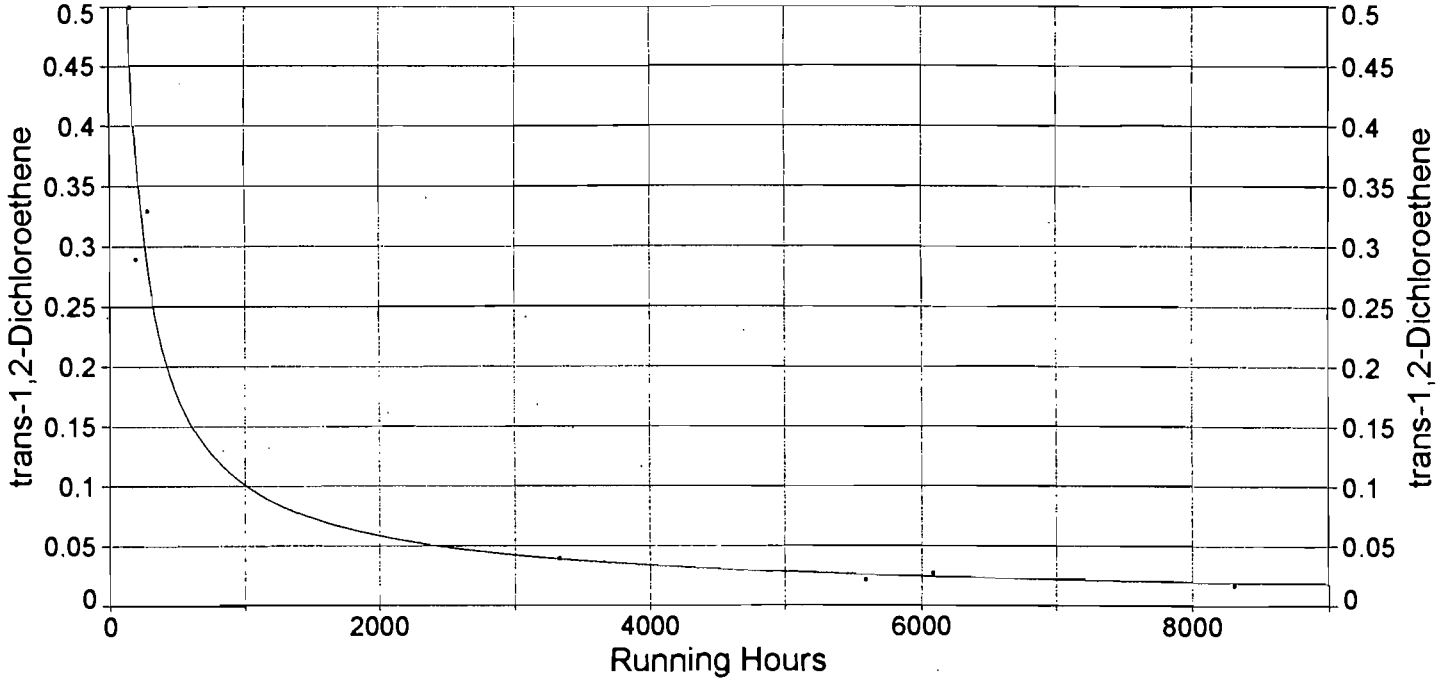
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.94319258 DF Adj r^2=0.88638516 FitStdErr=0.057286865 Fstat=33.206669

a=0.001594326 b=26.703593

c=-0.80923138



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9431925805	0.8863851611	0.0572868651	33.206668761

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	0.001594326	0.059913980	0.026610249	-0.12613310	0.129321752
b	26.70359305	67.94406158	0.393023208	-118.142737	171.5499228
c	-0.80923138	0.512210596	-1.57988020	-1.90118590	0.282723135

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a = 4.145

b = 5.238

Zone 2 trans-1,2-Dichloroethene

$$a := \left[\int_{28}^{73} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 trans-1,2-Dichloroethene

$$j := \left[\int_{5292.37}^{5731.7} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 0.462$	$d = 0.378$	$g = 0.326$	$j = 0.092$
$b = 0.538$	$e = 0.163$	$h = 0.457$	$k = 0.165$
$c = 0.617$	$f = 0.664$	$i = 0.284$	

$a + b + c + d + e + f + g + h + i + j + k = 4.145$

Zone 2 trans-1,2-Dichloroethene

$$a := \left[\int_{6614.12}^{8051.4} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140\right]$$

$$b := \left[\int_{8051.4}^{8502.47} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{8502.47}^{8549.34} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720\right]$$

$$d := \left[\int_{8549.34}^{9179.06} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$e := \left[\int_{9179.06}^{10380.04} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820\right]$$

$$f := \left[\int_{10380.04}^{12186.25} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940\right]$$

$$g := \left[\int_{12186.25}^{13021.05} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$$h := \left[\int_{13021.05}^{13692.93} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560\right]$$

$$i := \left[\int_{13692.93}^{14005.91} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440\right]$$

$$j := \left[\int_{14005.91}^{14788.30} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$a = 0.238$	$d = 0.094$	$g = 0.097$	$j = 0.082$
$b = 0.072$	$e = 0.169$	$h = 0.072$	
$c = 6.829 \cdot 10^{-3}$	$f = 0.23$	$i = 0.033$	

$$4.145 + a + b + c + d + e + f + g + h + i + j = 5.238$$

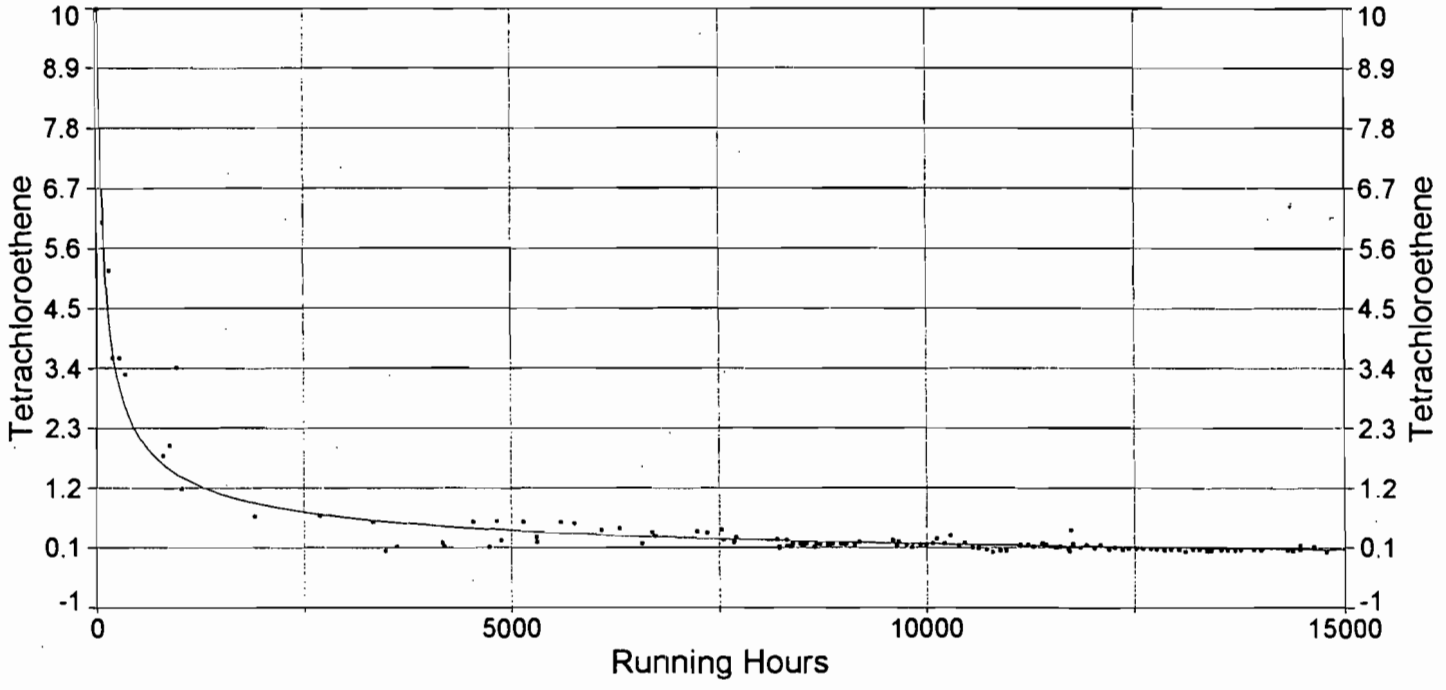
Zone 2

Rank 3 Eqn 15 $y=a+b/x^{0.5}$

r^2=0.96110333 DF Adj r^2=0.96048592 FitStdErr=0.24601777 Fstat=3138.0612

a=-0.40604429

b=58.300426



Rank 3 Eqn 15 $y=a+b/x^{0.5}$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9611033323	0.9604859249	0.2460177682	3138.0611882

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	-0.40604429	0.026904464	-15.0920790	-0.45062338	-0.36146520
b	58.30042598	1:040737071	56:01840044	56.57598673	60.02486522

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Feb 15, 2000	10:37:16 AM	C:\TCWIN4\CLIPBRD.WK1

a = 87.944

b = 106.66

Zone 2 Tetrachloroethene (PCE)

$$a := \left[\int_{28}^{73} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 Tetrachloroethene (PCE)

$$j := \left[\int_{5292.37}^{5731.7} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} -0.40604429 + \frac{58.30042598}{x^{0.5}} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 5.372$	$d = 8.315$	$g = 8.588$	$j = 2.248$
$b = 8.141$	$e = 3.814$	$h = 11.983$	$k = 3.869$
$c = 11.749$	$f = 16.708$	$i = 7.156$	

$a + b + c + d + e + f + g + h + i + j + k = 87.944$

Zone 2 Tetrachloroethene (PCE)

$$a := \left[\int_{6614.12}^{8051.4} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140\right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720\right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820\right]$$

$$f := \left[\int_{10380.04}^{12186.25} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940\right]$$

$$g := \left[\int_{12186.25}^{13021.05} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$$h := \left[\int_{13021.05}^{13692.93} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560\right]$$

$$i := \left[\int_{13692.93}^{14005.91} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440\right]$$

$$j := \left[\int_{14005.91}^{14788.30} -0.40604429 + \frac{58.30042598}{x^{0.5}}\,dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

Zone 2 Tetrachloroethene (PCE)

a = 5.212	d = 1.832	g = 1.298	j = 0.857
b = 1.464	e = 3.061	h = 0.882	
c = 0.137	f = 3.601	i = 0.372	

$$87.944 + a + b + c + d + e + f + g + h + i + j = 106.66$$

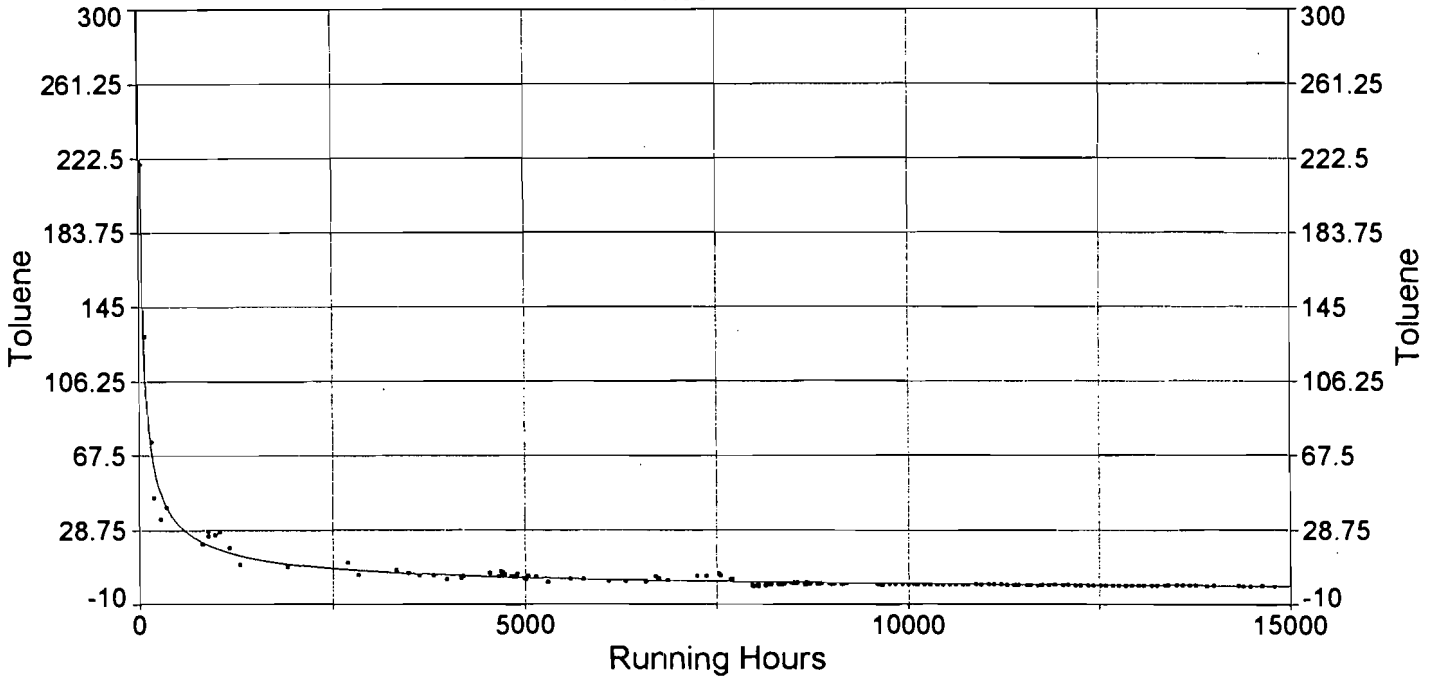
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.98653165 DF Adj r^2=0.98625865 FitStdErr=2.6029138 Fstat=5456.9879

a=-4.3479717 b=1861.1355

c=-0.63272405



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9865316526	0.9862586456	2.6029137549	5456.9878602

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	-4.34797166	0.479972102	-9.05880080	-5.14239486	-3.55354846
b	1861.135510	81.02245531	22.97061355	1727.031636	1995.239384
c	-0.63272405	0.011522287	-54.9130616	-0.65179510	-0.61365300

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686.741

Zone 2 Toluene

$$a := \left[\int_{28}^{73} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

$$j := \left[\int_{5292.37}^{5731.7} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920\right]$$

$$k := \left[\int_{5731.7}^{6614.12} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840\right]$$

Zone 2 Toluene

$$l := \left[\int_{6614.12}^{8051.4} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140\right]$$

$$m := \left[\int_{8051.4}^{8502.47} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$n := \left[\int_{8502.47}^{8549.34} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720\right]$$

$$o := \left[\int_{8549.34}^{9179.06} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$p := \left[\int_{9179.06}^{10380.04} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820\right]$$

$$q := \left[\int_{10380.04}^{12186.25} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940\right]$$

$$r := \left[\int_{12186.25}^{13021.05} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$$s := \left[\int_{13021.05}^{13692.93} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560\right]$$

$$t := \left[\int_{13692.93}^{14005.91} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440\right]$$

$$u := \left[\int_{14005.91}^{14788.30} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$a = 58.18$	$d = 62.365$	$g = 52.284$	$j = 11.285$	$m = 6.195$	$p = 11.446$	$s = 1.731$
$b = 76.523$	$e = 27.288$	$h = 67.852$	$k = 18.724$	$n = 0.57$	$q = 11.306$	$t = 0.591$
$c = 96.773$	$f = 110.976$	$i = 37.553$	$l = 23.55$	$o = 7.417$	$r = 3.178$	$u = 0.956$

$$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q + r + s + t + u = 686.741$$

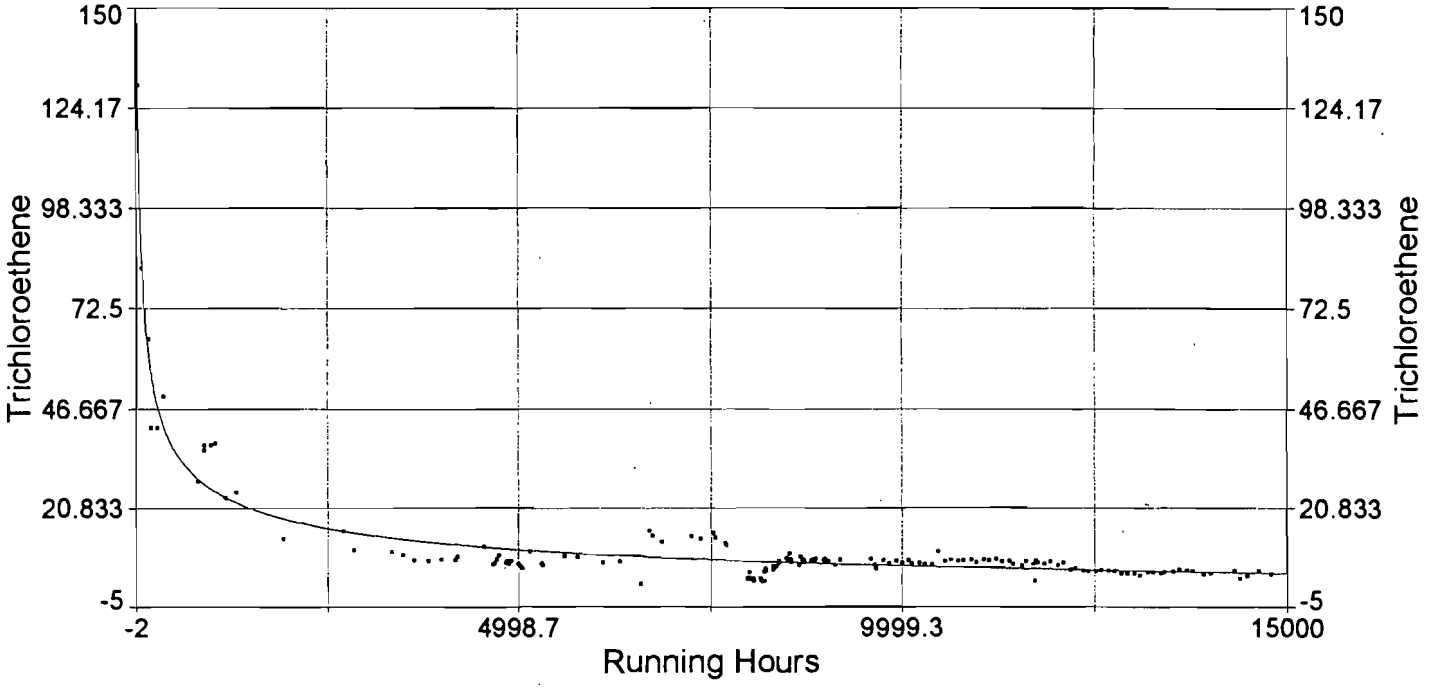
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.94458165 DF Adj r^2=0.94348062 FitStdErr=3.4535585 Fstat=1295.3869

a=-7.3128237 b=509.7512

c=-0.39709193



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9445816513	0.9434806246	3.4535585104	1295.3869476

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	-7.31282374	1.673704761	-4.36924356	-10.0827050	-4.54294249
b	509.7512034	37.25346342	13.68332382	448.0989501	571.4034567
c	-0.39709193	0.020204583	-19.6535575	-0.43052930	-0.36365455

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1792.091

Zone 2 Trichloroethene

$$a := \left[\int_{28}^{73} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

$$j := \left[\int_{5292.37}^{5731.7} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920\right]$$

$$k := \left[\int_{5731.7}^{6614.12} -7.31282374 + 509.7512034 \cdot x^{-0.39709193}\,dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840\right]$$

Zone 2 Trichloroethene

$$l := \left[\int_{6614.12}^{8051.4} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140\right]$$

$$m := \left[\int_{8051.4}^{8502.47} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$n := \left[\int_{8502.47}^{8549.34} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720\right]$$

$$o := \left[\int_{8549.34}^{9179.06} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$p := \left[\int_{9179.06}^{10380.04} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820\right]$$

$$q := \left[\int_{10380.04}^{12186.25} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940\right]$$

$$r := \left[\int_{12186.25}^{13021.05} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$$s := \left[\int_{13021.05}^{13692.93} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560\right]$$

$$t := \left[\int_{13692.93}^{14005.91} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440\right]$$

$$u := \left[\int_{14005.91}^{14788.30} -7.31282374 + 509.7512034 \cdot x^{-0.39709193} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460\right]$$

$a = 54.248$ $d = 109.358$ $g = 136.454$ $j = 43.903$ $m = 33.905$ $p = 78.659$ $s = 31.32$

$b = 90.557$ $e = 52.148$ $h = 205.519$ $k = 78.569$ $n = 3.229$ $q = 104.196$ $t = 13.981$

$c = 143.761$ $f = 244.279$ $i = 133.24$ $l = 113.53$ $o = 44.138$ $r = 42.509$ $u = 34.588$

$a + b + c + d + e + f + g = 830.806$

$h + i + j + k + l + m + n + o + p + q + r + s + t + u = 961.285$

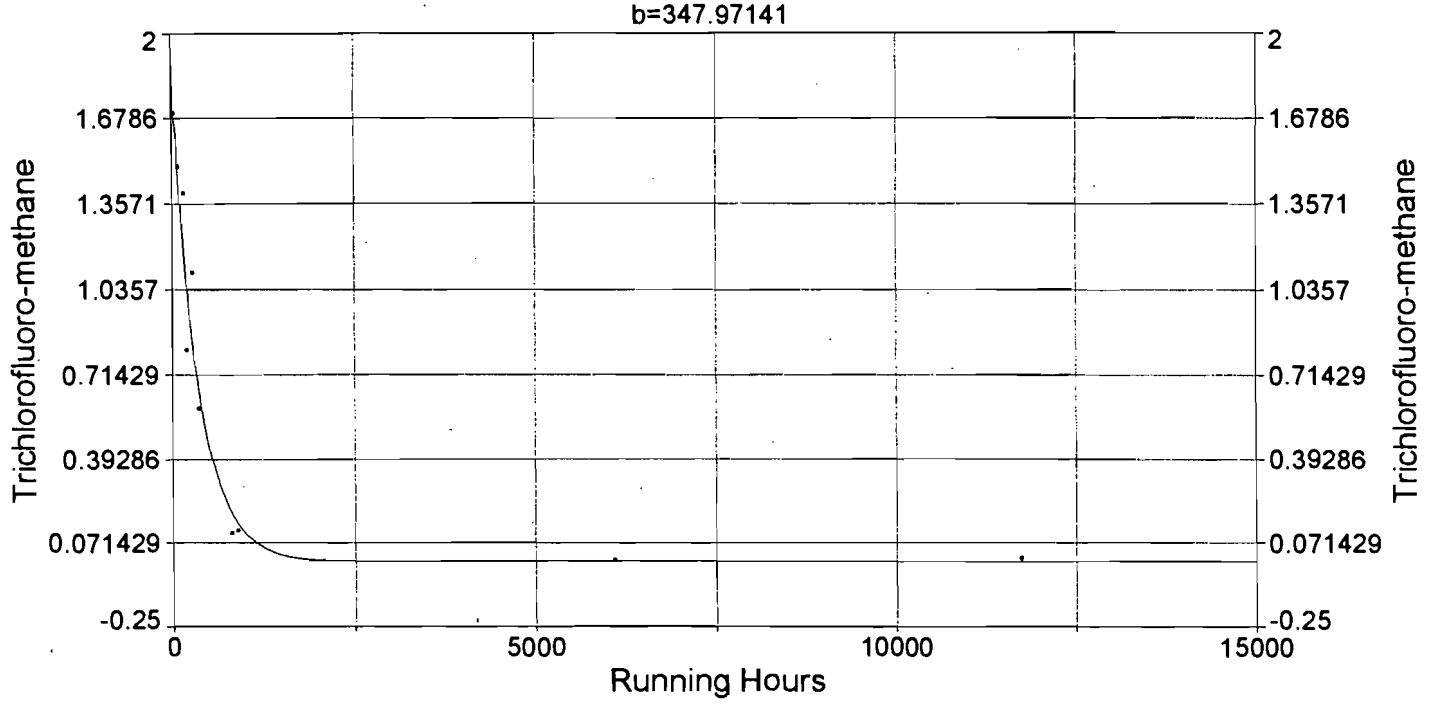
Zone 2

Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2=0.95585517 DF Adj r^2=0.94481897 FitStdErr=0.1472501 Fstat=194.8744

a=1.8741213

b=347.97141



Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9558551742	0.9448189677	0.1472501026	194.87440271

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	1.874121292	0.136279846	13.75200620	1.624304943	2.123937642
b	347.9714051	53.95952612	6.448748350	249.0574996	446.8853105

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7.438

Equation Calculated to End.

Zone 2 Trichlorofluoromethane

$$a := \left[\int_{28}^{73} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$a = 0.906$

$b = 1.821$

$c = 2.551$

$d = 1.212$

$e = 0.36$

$a + b + c + d + e = 6.85$

Zone 2 Trichlorofluoromethane

$$a := \left[\int_{886.25}^{1910.22} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$b := \left[\int_{1910.22}^{2687.813} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$c := \left[\int_{2687.813}^{6614.12} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32205 \right]$$

$$d := \left[\int_{6614.12}^{8051.4} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$e := \left[\int_{8051.4}^{8502.47} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$a = 0.558$ $\quad$ $d = 3.917 \cdot 10^{-8}$

$b = 0.027$ $\quad$ $e = 4.882 \cdot 10^{-10}$

$c = 3.273 \cdot 10^{-3}$

$6.85 + a + b + c + d + e = 7.438$

Zone 2 Trichlorofluoromethane

$$a := \left[\int_{8502.47}^{8549.34} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$b := \left[\int_{8549.34}^{9179.06} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$c := \left[\int_{9179.06}^{10380.04} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$d := \left[\int_{10380.04}^{12186.25} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$e := \left[\int_{12186.25}^{13021.05} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$$f := \left[\int_{13021.05}^{13692.93} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$a = 2.176 \cdot 10^{-11}$ $\quad$ $d = 8.353 \cdot 10^{-13}$

$b = 1.326 \cdot 10^{-10}$ $\quad$ $e = 4.19 \cdot 10^{-15}$

$c = 2.556 \cdot 10^{-11}$ $\quad$ $f :=$

$7.438 + a + b + c + d + e = 7.438$

Zone 2 Trichlorofluoromethane

$$a := \left[\int_{13021.05}^{13692.93} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$b := \left[\int_{13692.93}^{14005.91} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

$$c := \left[\int_{14005.91}^{14788.30} 1.874121292 \cdot e^{\frac{-x}{347.9714051}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$a = 0$

$b = 0$

$c = 0$

$7.438 + a + b + c = 7.438$

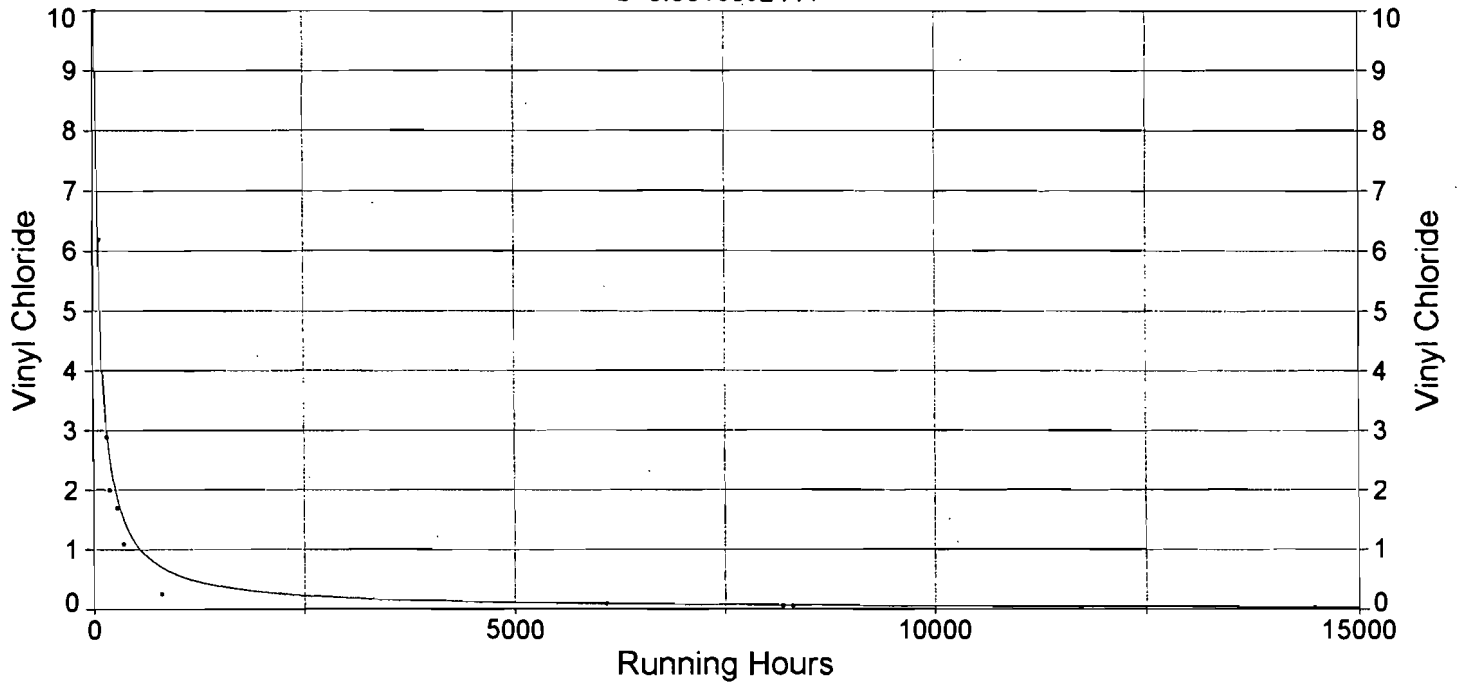
Zone 2

Rank 7 Eqn 43 $y^{-1}=a+bx$

r^2=0.9883351 DF Adj r^2=0.98574289 FitStdErr=0.35001653 Fstat=847.27235

a=0.05125299

b=0.0016892444



Rank 7 Eqn 43 $y^{-1}=a+bx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9883350956	0.9857428946	0.3500165273	847.27234750

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	0.051252990	0.006521642	7.858909238	0.039432768	0.063073212
b	0.001689244	0.000161617	10.45215631	0.001396320	0.001982169

Date	Time	File Source
Feb 15, 2000	9:52:38 AM	C:\TCWIN4\CLIPBRD.WK1

13.848

Zone 2 Vinyl Chloride

$$a := \left[\int_{28}^{73} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 Vinyl Chloride

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$$l := \left[\int_{6614.12}^{8051.4} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$q := \left[\int_{10380.04}^{12186.25} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$r := \left[\int_{12186.25}^{13021.05} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

Zone 2 Vinyl Chloride

$$s := \left[\int_{13021.05}^{13692.93} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$t := \left[\int_{13692.93}^{14005.91} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

$$u := \left[\int_{14005.91}^{14788.30} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$a = 1.935$	$f = 1.67$	$k = 0.246$	$p = 0.214$	$u = 0.09$
$b = 2.41$	$g = 0.684$	$l = 0.335$	$q = 0.276$	
$c = 2.382$	$h = 0.842$	$m = 0.096$	$r = 0.111$	
$d = 1.223$	$i = 0.466$	$n = 9.072 \cdot 10^{-3}$	$s = 0.081$	
$e = 0.478$	$j = 0.143$	$o = 0.123$	$t = 0.036$	

$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q + r + s + t + u = 13.848$

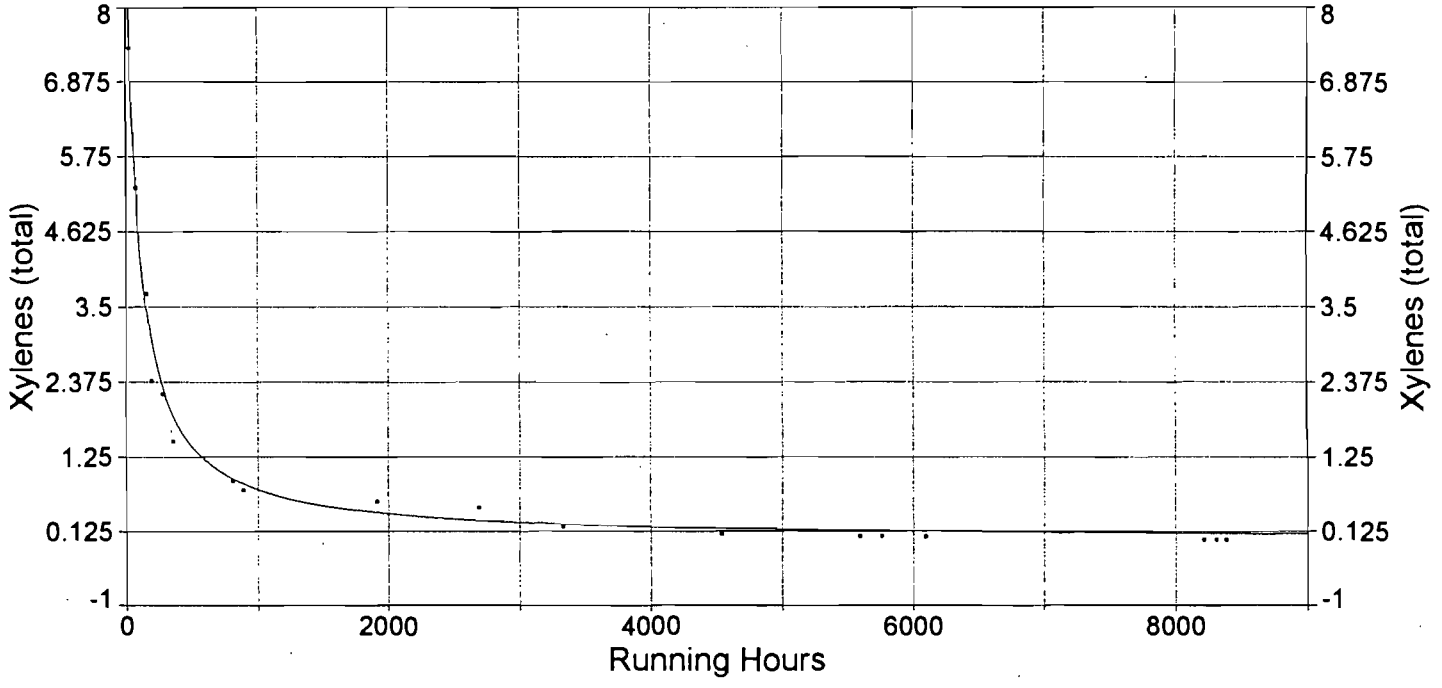
Zone 2

Rank 1 Eqn 43 $y^{-1}=a+bx$

$r^2=0.98998072$ DF Adj $r^2=0.98864482$ FitStdErr=0.21620561 Fstat=1580.9218

a=0.10120778

b=0.0012081281



Rank 1 Eqn 43 $y^{-1}=a+bx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9899807239	0.9886448204	0.2162056067	1580.9217519

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.101207783	0.004953512	20.43152125	0.090706807	0.111708760
b	0.001208128	7.79121e-05	15.50629917	0.001042962	0.001373294

Date	Time	File Source
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36.861

Zone 2 Xylenes (total)

$$a := \left[\int_{28}^{73} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

Zone 2 Xylenes (total)

$$l := \left[\int_{6614.12}^{8051.4} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$q := \left[\int_{10380.04}^{12186.25} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32940 \right]$$

$$r := \left[\int_{12186.25}^{13021.05} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$$s := \left[\int_{13021.05}^{13692.93} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31560 \right]$$

$$t := \left[\int_{13692.93}^{14005.91} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31440 \right]$$

Zone 2 Xylenes (total)

$$u := \left[\int_{14005.91}^{14788.30} \frac{1}{0.101207783 + 0.001208128 \cdot x} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32460 \right]$$

$a = 2.668$	$g = 2.367$	$m = 0.395$	$s = 0.353$
$b = 4.267$	$h = 3.082$	$n = 0.037$	$t = 0.158$
$c = 5.451$	$i = 1.786$	$o = 0.509$	$u = 0.393$
$d = 3.295$	$j = 0.561$	$p = 0.896$	
$e = 1.38$	$k = 0.976$	$q = 1.175$	
$f = 5.276$	$l = 1.356$	$r = 0.478$	

$$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q + r + s + t + u = 36.861$$

Date	Sample Type	Running Hours	Average CFM	Vinyl Chloride	lbs/cu Ft	lbs/hour removed	Trichlorofluoro-Trichlorofluoro-methane	lbs/cu Ft	lbs/hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs/cu Ft	lbs/hour removed	Acetone	lbs/cu. Ft	lbs/hour removed	Methylene chloride	lbs/cu Ft	lbs/hour removed	trans-1,2-Dichloroethene	lbs/cu Ft	lbs/hour removed	cis-1,2-Dichloroethene	lbs/cu Ft	lbs/hour removed	Chloroform	lbs/cu Ft	lbs/hour removed	Benzene	lbs/cu Ft
19-Jul-99	GC T BC	10380.04	547																			0.752	1.857E-07	6.09E-03				0.014	2.738E-09
22-Jul-99	GC T BC	10452.47	530													0.022	4.779E-09	1.57E-04				1.059	2.617E-07	8.32E-03				0.002	4.621E-10
26-Jul-99	GC T BC	10548.07	530													0.021	4.512E-09	1.43E-04				0.742	1.834E-07	5.83E-03				0.002	3.309E-10
29-Jul-99	GC T BC	10620.00	530																			0.926	2.288E-07	7.28E-03				0.015	3.078E-09
2-Aug-99	GC T BC	10715.68	530													0.017	3.774E-09	1.20E-04				0.811	2.004E-07	6.37E-03				0.001	1.995E-10
5-Aug-99	GC T BC	10786.61	530													0.018	3.944E-09	1.25E-04				0.802	1.981E-07	6.30E-03				0.001	1.818E-10
9-Aug-99	GC T BC.	10882.79	530													0.020	4.291E-09	1.36E-04				0.911	2.250E-07	7.15E-03				0.001	2.335E-10
12-Aug-99	GC T BC	10954.52	530													0.016	3.564E-09	1.13E-04				0.818	2.020E-07	6.42E-03					
16-Aug-99	GC T BC	11051.15	530													0.019	4.166E-09	1.32E-04				0.925	2.288E-07	7.27E-03				0.001	2.056E-10
19-Aug-99	GC T BC	11122.83	530													0.019	4.052E-09	1.29E-04				0.903	2.231E-07	7.10E-03				0.003	6.699E-10
23-Aug-99	GC T BC	11218.76	530													0.018	3.885E-09	1.24E-04				0.939	2.319E-07	7.38E-03				0.002	3.207E-10
26-Aug-99	GC T BC	11290.69	530													0.017	3.577E-09	1.14E-04				0.798	1.986E-07	6.25E-03				0.002	3.764E-10
30-Aug-99	GC T BC	11386.62	530													0.018	3.995E-09	1.27E-04				0.928	2.292E-07	7.29E-03				0.002	3.525E-10
2-Sep-99	GC T BC	11434.81	530																			0.800	1.977E-07	6.29E-03				0.001	1.827E-10
7-Sep-99	GC T BC	11554.56	530													0.015	3.257E-09	1.04E-04				0.715	1.766E-07	5.62E-03					
9-Sep-99	GC T BC	11602.24	530													0.017	3.660E-09	1.16E-04				0.861	2.126E-07	6.76E-03					
13-Sep-99	GC T BC	11698.92	530													0.014	2.936E-09	9.34E-05				0.760	1.877E-07	5.97E-03					
14-Sep-99	Summa	11721.85	530	0.046	7.326E-09	0.00	0.016	5.641E-09	0.00	0.053	2.531E-08	8.05E-04				0.028	6.059E-09	1.93E-04				0.690	1.704E-07	5.42E-03	0.13	3.954E-08	1.26E-03	0.004	7.962E-10
15-Sep-99	GC T BC	11732.10	530													0.018	3.965E-09	1.26E-04				0.848	2.096E-07	6.66E-03				0.097	1.926E-08
16-Sep-99	GC T BC	11753.85	530													0.012	2.578E-09	8.20E-05				0.917	2.284E-07	7.20E-03				0.001	2.041E-10
20-Sep-99	GC T BC	11845.78	530													0.012	2.518E-09	8.01E-05				0.726	1.794E-07	5.70E-03					
23-Sep-99	GC T BC	11917.96	530																			0.961	2.375E-07	7.55E-03					
27-Sep-99	GC T BC	12017.89	530													0.011	2.418E-09	7.69E-05				0.747	1.848E-07	5.87E-03					
30-Sep-99	GC T BC	12086.32	530																			0.802	1.981E-07	6.30E-03					

530 · 60 = 31800

Int vs SNL
3% Dif

	M Spive, Integrated	Mound Spread	SNL Sandia
Zone 2 to 30 Sept 99	2,890.5	2861.98	2793.73 / 2818.79
	2891	2862	$\bar{x}$ 2806.
	Ave = 2857		
Zone 1 to 30 Sept 99	144.59	143.72	145.92 / 168.28
			$\bar{x}$ 157
	Ave = 145		
Start to 30 Sept 99	2857* + 145* = 3002	3035	3006	2963

Date	Sample Type	Running Hours	Average CFM	lbs/hour removed	Trichloroethene	lbs/cu Ft	lbs/hour removed	Toluene	lbs/cu Ft	lbs/hour removed	Tetrachloroethene	lbs/cu Ft	lbs/hour removed	Ethylbenzene	lbs/cu Ft	lbs/hour removed	Xylenes (total)	lbs/cu Ft	lbs/hour removed	total lbs/hr removed	step est lbs removed	low est lbs removed	high est lbs removed	high/low average
19-Jul-99	GC T BC	10380.04	547	8.99E-05	6.354	2.127E-06	6.98E-02	0.705	1.657E-07	5.44E-03	0.152	6.421E-08	2.11E-03							0.08	7.085446	8.119376	6.051517	7.085446
22-Jul-99	GC T BC	10452.47	530	1.53E-05	9.698	3.247E-06	1.03E-01	0.667	1.613E-07	5.13E-03	0.205	8.676E-08	2.76E-03							0.12	10.05105	8.685091	11.43701	10.05105
26-Jul-99	GC T BC	10548.07	530	1.05E-05	7.175	2.402E-06	7.64E-02	0.528	1.240E-07	3.94E-03	0.117	4.962E-08	1.58E-03							0.09	7.362644	6.402899	6.32239	7.362644
29-Jul-99	GC T BC	10620.00	530	9.79E-05	7.620	2.551E-06	8.11E-02	0.608	1.423E-07	4.53E-03	0.103	4.369E-08	1.39E-03							0.09	7.912646	6.79144	9.033853	7.912646
2-Aug-99	GC T BC	10715.68	530	8.34E-06	7.138	2.390E-06	7.60E-02	0.587	1.378E-07	4.38E-03	0.083	3.489E-08	1.11E-03							0.09	7.329613	8.41868	6.240966	7.329613
5-Aug-99	GC T BC	10786.61	530	5.76E-06	7.299	2.444E-06	7.77E-02	0.759	1.761E-07	5.66E-03	0.037	1.545E-08	4.91E-04							0.09	7.544619	6.404642	8.684598	7.544619
9-Aug-99	GC T BC	10862.79	530	7.43E-06	7.607	2.547E-06	8.10E-02	0.841	1.974E-07	6.28E-03	0.054	2.283E-08	7.26E-04							0.10	8.000233	9.165177	6.83529	8.000233
12-Aug-99	GC T BC	10954.52	530		6.896	2.309E-06	7.34E-02	0.605	1.421E-07	4.52E-03	0.056	2.459E-08	7.82E-04							0.09	7.176999	6.11554	8.238459	7.178999
16-Aug-99	GC T BC	11051.15	530	6.54E-06	7.517	2.516E-06	8.00E-02	0.617	1.919E-07	6.10E-03										0.09	7.871175	9.037985	6.704365	7.871175
19-Aug-99	GC T BC	11122.63	530	2.13E-05	7.321	2.451E-06	7.79E-02	0.763	1.839E-07	5.85E-03	0.168	7.078E-08	2.25E-03							0.09	7.817473	6.886432	8.948513	7.817473
23-Aug-99	GC T BC	11216.76	530	1.02E-05	7.637	2.557E-06	8.13E-02	0.874	2.051E-07	6.52E-03	0.161	6.803E-08	2.16E-03							0.10	8.183531	9.353582	7.01348	8.183531
26-Aug-99	GC T BC	11290.69	530	1.20E-05	7.062	2.364E-06	7.52E-02	0.635	1.490E-07	4.74E-03	0.133	5.626E-08	1.79E-03							0.09	7.393824	6.336683	8.450966	7.393824
30-Aug-99	GC T BC	11368.62	530	1.12E-05	7.268	2.433E-06	7.74E-02	0.764	1.793E-07	5.70E-03	0.191	8.054E-08	2.56E-03							0.09	6.704732	8.925686	4.483778	6.704732
2-Sep-99	GC T BC	11434.81	530	5.81E-06	6.383	2.137E-06	6.80E-02	0.653	1.534E-07	4.88E-03	0.163	6.875E-08	2.19E-03							0.08	6.827719	3.918397	9.737041	6.827719
7-Sep-99	GC T BC	11554.56	530		6.001	2.009E-06	6.39E-02	0.458	1.071E-07	3.40E-03	0.117	4.951E-08	1.57E-03							0.07	6.244268	8.932103	3.556432	6.244268
9-Sep-99	GC T BC	11602.24	530		7.148	2.393E-06	7.61E-02	0.592	1.391E-07	4.42E-03	0.130	5.479E-08	1.74E-03							0.09	6.434739	4.2508	8.618877	6.434739
13-Sep-99	GC T BC	11698.92	530		6.440	2.156E-06	6.86E-02	0.437	1.026E-07	3.26E-03	0.099	4.194E-08	1.33E-03							0.08	4.737515	7.658607	1.816424	4.737515
14-Sep-99	Summa	11721.65	530	2.53E-05	2.000	6.698E-07	2.13E-02	0.160	3.757E-08	1.19E-03	0.046	1.944E-08	6.18E-04							0.03	0.517908	0.715831	0.319986	0.517908
15-Sep-99	GC T BC	11732.10	530	8.12E-04	7.427	2.486E-06	7.91E-02	0.393	9.237E-08	2.94E-03	0.433	1.829E-07	5.82E-03	0.079	2.141E-08	6.81E-04				0.10	1.534446	0.983005	2.085888	1.534446
16-Sep-99	GC T BC	11753.85	530	6.49E-06	6.660	2.236E-06	7.11E-02	0.586	1.375E-07	4.37E-03	0.176	7.427E-08	2.36E-03							0.09	4.639209	1.851738	7.62888	4.639209
20-Sep-99	GC T BC	11845.78	530		6.313	2.114E-06	6.72E-02	0.439	1.030E-07	3.26E-03	0.106	4.494E-08	1.43E-03							0.08	6.375712	7.143004	5.60842	6.375712
23-Sep-99	GC T BC	11917.96	530		6.964	2.331E-06	7.41E-02	0.573	1.346E-07	4.28E-03	0.155	6.553E-08	2.08E-03							0.09	7.577811	6.356009	8.799612	7.577811
27-Sep-99	GC T BC	12017.69	530		6.057	2.026E-06	6.45E-02	0.402	9.431E-08	3.00E-03	0.093	3.915E-08	1.24E-03							0.07	6.285937	7.46203	5.109644	6.285937
30-Sep-99	GC T BC	12086.32	530		6.660	2.236E-06	7.11E-02	0.505	1.187E-07	3.77E-03	0.151	6.361E-08	2.03E-03							0.08	2.847446	5.894893	0	2.847446
																				0.08	2861.98	2444.235	3152.984	2796.61

07/22/99	14:[illegible]	2	30.08	110	92	246	0.75	0	[illegible]	276	-16.9	-13.1	-12.1	-10.4	122326	3996	[illegible]	7/22/99
07/26/99	7:50	2	29.96	92	74	236	0.76	0	-9.4	261	-17	-13.3	-12.3	-10.7	122406	4001	546	7/26/99
07/26/99	13:55	2	29.97	104	90	246	0.8	0	-8.9	270	-16.8	-13.1	-12.1	-10.7	122422	4134	564	7/26/99
07/27/99	6:40	2	30.03	90	71	233	0.78	0	-9.4	260	-16.9	-13.4	-12.3	-10.75	122454	4040	551	7/27/99
07/27/99	14:10	2	30.04	104	82	241	0.79	0	-9	272	-16.8	-13.1	-12.1	-10.7	122470	4089	558	7/27/99
07/28/99	7:05	2	29.98	92	73	235	0.76	0	-9.4	262	-17	-13.4	-12.3	-10.7	122485	3997	545	7/28/99
07/28/99	8:45	2	29.98	94	75	247	0.68	0	-10.5	268	-17.9	-14.5	-13.5	-12.2	122501	3814	520	7/28/99
07/28/99	14:55	2	29.9	100	83	255	0.69	0	-10.4	279	-17.8	-14.4	-13.6	-12	122501	3868	527	7/28/99
07/29/99	7:05	2	29.86	92	73	247	0.68	0	-10.5	267	-17.8	-14.6	-13.7	-12	122517	3821	521	7/29/99
07/29/99	14:25	2	29.86	108	87	260	0.69	0	-10.2	284	-17.8	-14.5	-13.5	-11.9	122517	3884	530	7/29/99
08/02/99	7:20	2	30.13	80	66	243	0.64	0	-10.9	254	-18.1	-14.4	-13.4	-12	122549	3680	502	8/2/99
08/02/99	10:10	2	30.17	104	75	257	0.7	0	-10.4	279	-18.1	-14.4	-13.4	-12	122565	3884	530	8/2/99
08/02/99	14:25	2	30.16	110	79	260	0.72	0	-10.3	282	-17.9	-14.3	-13.4	-12	122565	3948	538	8/2/99
08/03/99	7:15	2	30.21	82	60	243	0.68	0	-10.9	260	-18.1	-14.5	-13.5	-11.9	122565	3788	517	8/3/99
08/03/99	15:05	2	30.19	102	80	255	0.7	0	-10.5	278	-18	-14.3	-13.3	-11.6	122565	3878	529	8/3/99
08/04/99	7:15	2	30.06	85	64	244	0.67	0	-10.9	258	-18.1	-14.3	-13.3	-11.6	122565	3772	514	8/4/99
08/04/99	13:10	2	29.97	108	85	260	0.7	0	-10.4	278	-17.9	-14	-13.1	-11.5	122565	3905	533	8/4/99
08/05/99	6:40	2	29.97	85	60	246	0.66	0	-10.8	260	-18	-14.2	-13.2	-11.5	122565	3755	512	8/5/99
08/05/99	13:45	2	29.99	91	78	256	0.68	0	-10.6	272	-17.9	-14.1	-13.1	-11.5	122565	3837	523	8/5/99
08/09/99	6:45	2	30.01	82	55	244	0.67	0	-10.8	260	-18	-14.4	-13.4	-11.9	122565	3775	515	8/9/99
08/09/99	13:20	2	30.01	93	72	250	0.69	0	-10.6	262	-17.9	-14.4	-13.4	-11.8	122565	3848	525	8/9/99
08/10/99	6:40	2	29.86	81	62	240	0.67	0	-10.8	254	-17.9	-14.5	-13.5	-11.9	122565	3774	515	8/10/99
08/10/99	13:40	2	29.78	102	86	256	0.69	0	-10.2	274	-17.6	-14.4	-13.4	-11.7	122565	3879	529	8/10/99
08/11/99	7:10	2	29.88	86	66	245	0.69	0	-10.6	264	-17.8	-14.6	-13.7	-11.9	122565	3842	524	8/11/99
08/11/99	13:50	2	29.97	99	82	252	0.7	0	-10.3	260	-17.8	-14.6	-13.6	-12	122565	3884	530	8/11/99
08/12/99	6:40	2	30	86	67	243	0.72	0	-10.4	262	-17.8	-14.7	-13.9	-12.2	122565	3912	533	8/12/99
08/12/99	13:40	2	30.05	103	83	254	0.74	0	-9.9	278	-17.6	-14.6	-13.8	-12.2	122565	3993	544	8/12/99
08/16/99	6:55	2	30.22	80	56	236	0.72	0	-10.4	252	-17.7	-14.9	-14.1	-12.5	122565	3878	529	8/16/99
08/16/99	13:05	2	30.23	100	80	251	0.75	0	-10	264	-17.6	-14.7	-14	-12.5	122565	4000	545	8/16/99
08/17/99	6:55	2	30.1	82	65	240	0.72	0	-10.4	258	-17.6	-14.8	-14.1	-12.5	122565	3897	531	8/17/99
08/17/99	14:10	2	30.05	108	87	259	0.75	0	-9.7	286	-17.5	-14.2	-13.9	-12.2	122565	4034	550	8/17/99
08/18/99	7:10	2	30.07	83	61	242	0.72	0	-10.4	260	-17.6	-14.8	-14.1	-12.5	122565	3904	532	8/18/99
08/18/99	13:20	2	30.05	92	79	249	0.73	0	-10	262	-17.6	-14.7	-13.9	-12.6	122565	3952	539	8/18/99
08/19/99	6:55	2	29.98	88	64	245	0.72	0	-10.2	266	-17.6	-14.7	-13.9	-12.5	122565	3919	534	8/19/99
08/19/99	13:50	2	29.95	86	72	245	0.7	0	-10.2	258	-17.5	-14.7	-13.9	-12.3	122565	3866	527	8/19/99
08/23/99	7:20	2	30.02	85	63	244	0.71	0	-10.3	262	-17.6	-14.7	-13.9	-12.4	122565	3886	530	8/23/99
08/23/99	13:50	2	29.99	106	84	256	0.73	0	-9.8	282	-17.5	-14.5	-13.7	-12.2	122565	3976	542	8/23/99
08/24/99	7:10	2	29.86	93	71	250	0.72	0	-9.9	270	-17.5	-14.6	-13.7	-12.1	122565	3940	537	8/24/99
08/24/99	14:20	2	29.87	91	67	248	0.72	0	-10.1	262	-17.5	-14.6	-13.8	-12	122565	3934	536	8/24/99
08/25/99	7:10	2	29.87	88	64	246	0.72	0	-10.2	268	-17.5	-14.6	-13.8	-12	122565	3929	536	8/25/99
08/25/99	14:10	2	29.88	94	73	252	0.72	0	-10	272	-17.5	-14.5	-13.7	-12	122565	3945	538	8/25/99
08/26/99	7:00	2	29.88	88	62	246	0.7	0	-10.2	264	-17.5	-14.6	-13.8	-12	122565	3873	528	8/26/99
08/26/99	14:20	2	29.92	101	73	253	0.73	0	-9.9	274	-17.5	-14.5	-13.7	-12	122565	3972	542	8/26/99
08/30/99	6:50	2	30.22	76	50	240	0.7	0	-10.6	258	-17.8	-14.9	-13.9	-12	122565	3835	523	8/30/99
08/30/99	14:20	2	30.24	86	71	244	0.7	0	-10.5	232	-17.8	-14.8	-13.8	-12	122565	3844	524	8/30/99
08/31/99	6:40	2	30.23	76	49	240	0.7	0	-10.6	254	-17.8	-14.8	-13.8	-12	122565	3834	523	8/31/99
09/01/99	6:55	2	30.21	76	55	194	1.25	0	-4.3	252	-12.9	-8.6	-7.8	-5.9	122565	4954	675	9/1/99
09/01/99	14:55	2	30.17	103	84	252	0.76	0	-9.6	264	-17.4	-14.4	-13.5	-12	122565	4033	550	9/1/99

09/02/99	6:50	2	30.16	73	57	235	0.74	0	-10	253	-17.5	-14.4	-13.6	-12	122565	3933	536	9/2/99
09/02/99	13:15	2	30.15	101	85	252	0.76	0	-9.5	265	-17.4	-14.3	-13.4	-12	122565	4034	550	9/2/99
09/07/99	6:45	2	29.92	86	61	240	0.74	0	-9.7	260	-17.2	-14.2	-13.4	-11.8	122565	3962	540	9/7/99
09/07/99	13:15	2	29.95	100	75	248	0.75	0	-9.4	274	-17.2	-14.1	-13.3	-11.7	122565	4010	547	9/7/99
09/08/99	7:25	2	29.9	82	55	238	0.75	0	-9.8	258	-17.2	-14.1	-13.3	-11.7	122565	3985	543	9/8/99
09/08/99	13:55	2	29.86	108	84	254	0.77	0	-9.2	280	-17	-13.9	-13.2	-11.5	122565	4086	557	9/8/99
09/09/99	6:40	2	29.87	86	66	242	0.75	0	-9.5	256	-17.1	-14	-13.3	-11.6	122565	3998	545	9/9/99
09/09/99	14:40	2	29.87	99	78	252	0.77	0	-9.3	272	-17	-13.9	-13.1	-11.5	122565	4080	556	9/9/99
09/13/99	6:40	2	30.04	90	66	243	0.77	0	-9.4	268	-17.1	-14	-13.2	-11.5	122565	4043	551	9/13/99
09/13/99	14:00	2	30.06	96	73	247	0.77	0	-9.3	272	-17	-13.9	-13.1	-11.5	122565	4053	553	9/13/99
09/14/99	7:10	2	30.14	72	54	231	0.75	0	-9.8	250	-17.2	-14.1	-13.3	-11.5	122565	3949	538	9/14/99
09/15/99	10:15	2	30.15	86	62	239	0.77	0	-9.4	260	-17.2	-14	-13.3	-11.5	122565	4024	549	9/15/99
09/15/99	13:15	2	30.12	96	75	247	0.78	0	-9.2	274	-17.1	-13.9	-13.2	-11.5	122565	4075	556	9/15/99
09/16/99	8:15	2	30.04	68	51	229	0.75	0	-9.7	234	-17.2	-14	-13.3	-11.5	122565	3950	539	9/16/99
09/16/99	13:45	2	30.06	76	67	231	0.75	0	-9.6	228	-17.2	-14	-13.3	-11.5	122565	3954	539	9/16/99
09/20/99	7:10	2	29.94	92	63	247	0.76	0	-9.3	270	-17.1	-14	-13.2	-11.5	122565	4034	550	9/20/99
09/20/99	14:15	2	29.97	97	60	250	0.78	0	-9.3	276	-17	-14	-13.2	-11.5	122565	4094	558	9/20/99
09/21/99	6:50	2	30.02	84	49	241	0.77	0	-9.5	262	-17.2	-14	-13.3	-11.5	122565	4038	551	9/21/99
09/21/99	14:15	2	30.06	94	62	248	0.78	0	-9.3	272	-17	-14	-13.2	-11.5	122565	4082	557	9/21/99
09/22/99	6:45	2	30.1	75	39	234	0.75	0	-9.6	250	-17.2	-14.1	-13.3	-11.5	122565	3960	540	9/22/99
09/22/99	14:20	2	30.06	96	63	249	0.78	0	-9.3	247	-17.1	-14	-13.2	-11.5	122565	4085	557	9/22/99
09/23/99	7:05	2	29.99	76	48	235	0.75	0	-9.6	250	-17.2	-14.1	-13.3	-11.5	122565	3970	541	9/23/99
09/23/99	13:50	2	29.94	103	74	254	0.78	0	-9.1	280	-17	-13.9	-13.1	-11.5	122565	4107	560	9/23/99
09/27/99	7:00	2	30.09	79	60	240	0.75	0	-9.7	256	-17.3	-14.2	-13.1	-11.5	122565	3978	542	9/27/99
09/27/99	14:50	2	30.11	104	80	256	0.77	0	-9.2	282	-17.2	-14	-13	-11.3	122565	4075	556	9/27/99
09/28/99	7:15	2	30.12	92	66	249	0.76	0	-9.4	270	-17.2	-14	-13.1	-11.3	122565	4028	549	9/28/99
09/28/99	13:35	2	30.1	110	84	260	0.78	0	-8.9	292	-17	-13.9	-13	-11.2	122565	4114	561	9/28/99
09/29/99	6:45	2	29.93	87	68	246	0.75	0	-9.4	270	-17.1	-14	-13.1	-11.3	122565	4006	546	9/29/99
09/29/99	14:20	2	29.87	88	55	247	0.74	0	-9.3	272	-17.1	-14	-13.1	-11.2	122565	3986	543	9/29/99
09/30/99	6:45	2	30.08	78	45	240	0.74	0	-9.8	256	-17.3	-14.2	-13.1	-11.2	122565	3952	539	9/30/99

Zone 2 Benzene

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.196$

$b = 0.056$

$c = 5.32 \cdot 10^{-3}$

$d = 0.072$

$e = 0.125$

$f = 0.148$

$6.069 + a + b + c + d + e + f = 6.672$

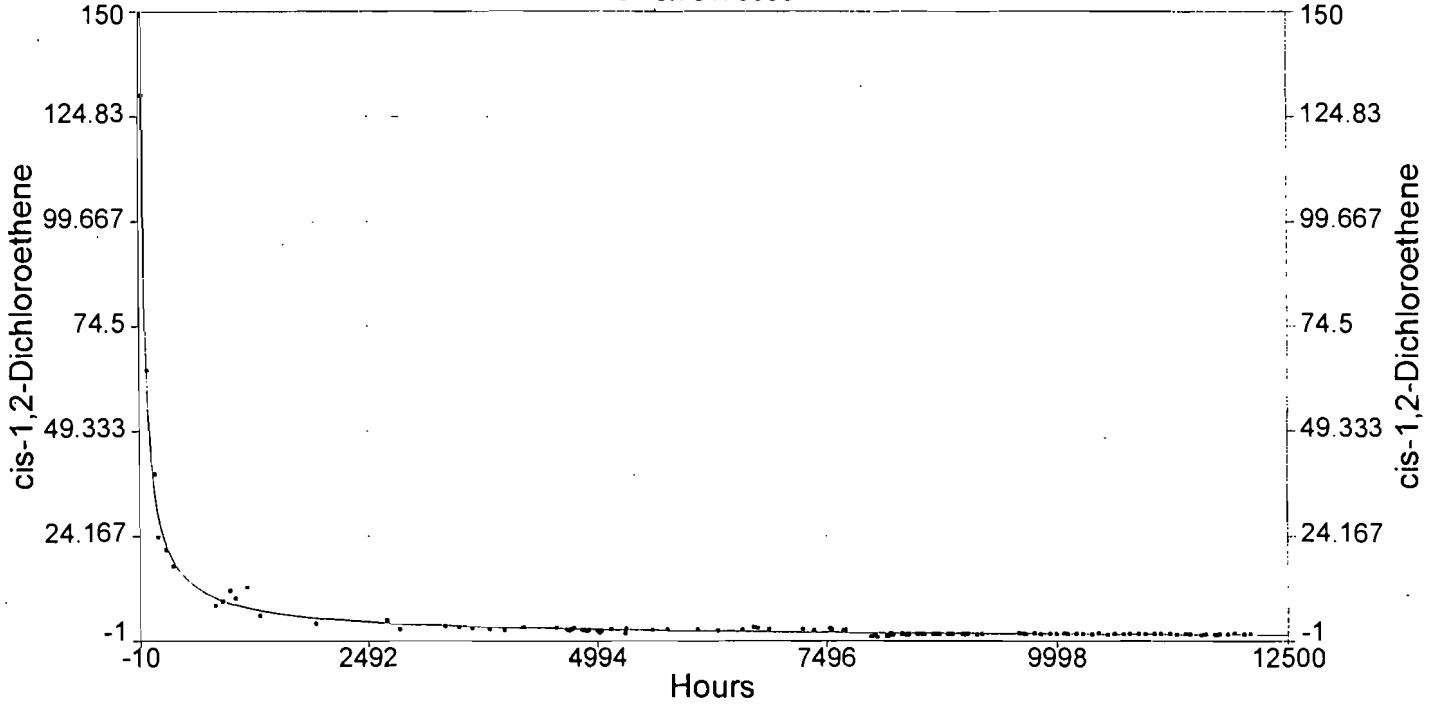
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.9948652 DF Adj r^2=0.99473465 FitStdErr=0.98807376 Fstat=11528.096

a=-0.64240279 b=1658.6399

c=-0.76176556



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9948651991	0.9947346533	0.9880737599	11528.096259

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.64240279	0.146888694	-4.37339848	-0.93325708	-0.35154851
b	1658.639872	57.35319676	28.91974582	1545.074815	1772.204930
c	-0.76176556	0.009389818	-81.1267658	-0.78035834	-0.74317278

Date	Time	File Source
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Zone 2 cis-1,2-Dichloroethene

$$a := \left[\int_{6614.12}^{8051.4} -0.64240279 + 1658.639872 \cdot x^{-0.76176556} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.64240279 + 1658.639872 \cdot x^{-0.76176556} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.64240279 + 1658.639872 \cdot x^{-0.76176556} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.64240279 + 1658.639872 \cdot x^{-0.76176556} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.64240279 + 1658.639872 \cdot x^{-0.76176556} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} -0.64240279 + 1658.639872 \cdot x^{-0.76176556} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 13.783$ $\quad$ $d = 4.968$

$b = 3.923$ $\quad$ $e = 8.496$

$c = 0.369$ $\quad$ $f = 9.67$

$309.649 + a + b + c + d + e + f = 350.859$

Zone 2 Chloroform (TCM)

$$a := \left[\int_{6614.12}^{8051.4} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 2.439$ $\quad d = 1.032$

$b = 0.768$ $\quad e = 1.928$

$c = 0.074$ $\quad f = 2.516$

$18.058 + a + b + c + d + e + f = 26.816$

Zone 2 Ethylbenzene

$$a := \left[\int_{6614.12}^{8051.4} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.286 \quad d = 0.085 \quad f = 0.095$

$b = 0.073 \quad e = 0.124$

$c = 6.647 \cdot 10^{-3}$

$6.631 + a + b + c + d + e + f = 7.301$

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 1.686$ $\quad$ $d = 0.648$

$b = 0.499$ $\quad$ $e = 1.153$

$c = 0.047$ $\quad$ $f = 1.407$

$27.784 + a + b + c + d + e + f = 33.224$

Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{6614.12}^{8051.4} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.361$ $\quad e = 0.256$

$b = 0.108$ $\quad f = 0.32$

$c = 0.01$

$d = 0.141$

$8.286 + a + b + c + d + e + f = 9.483$

Zone 2 trans-1,2-Dichloroethene

$$a := \left[\int_{6614.12}^{8051.4} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.238$ $\quad d = 0.094$ $\quad f = 0.21$

$b = 0.072$ $\quad e = 0.169$

$c = 6.829 \cdot 10^{-3}$

$4.145 + a + b + c + d + e + f = 4.935$

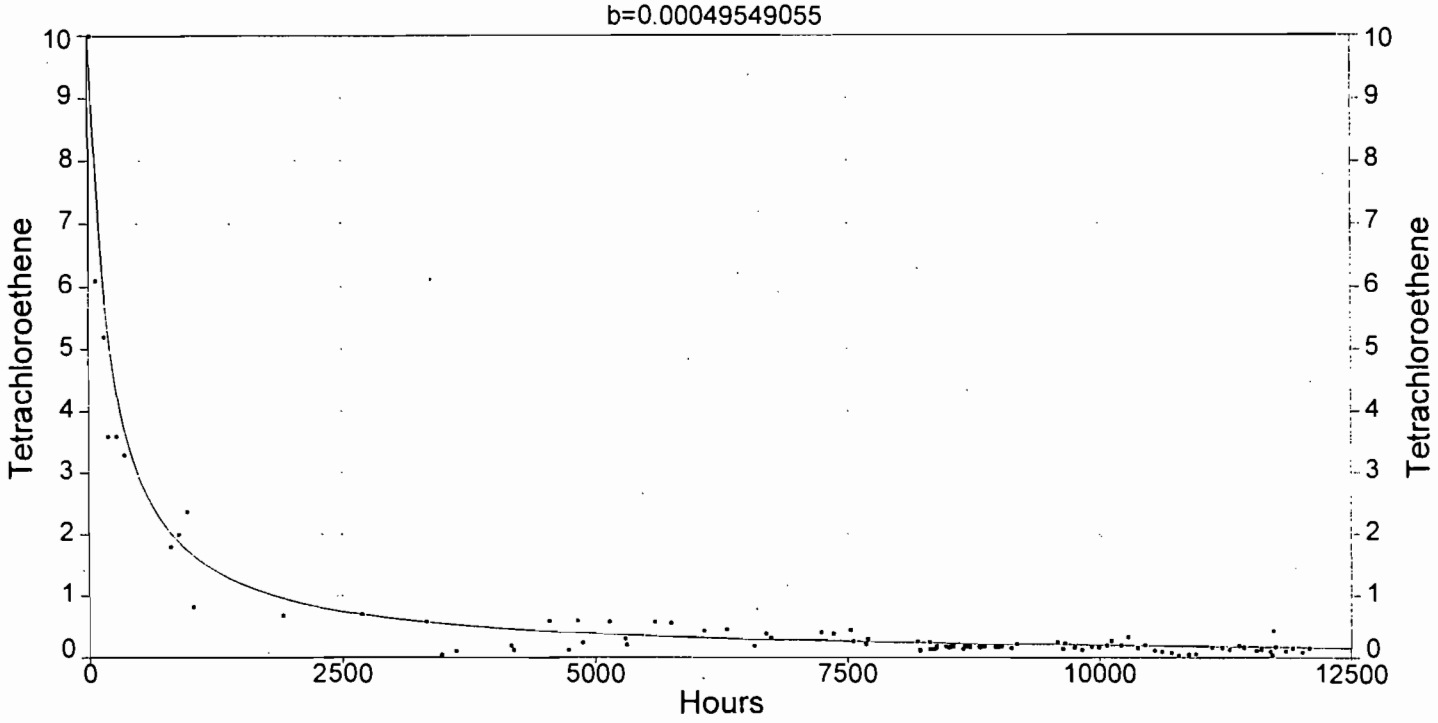
Zone 2

Rank 8 Eqn 43 $y^{-1}=a+bx$

r^2=0.94836338 DF Adj r^2=0.94730957 FitStdErr=0.31167871 Fstat=1818.2438

a=0.094415056

b=0.00049549055



Rank 8 Eqn 43 $y^{-1}=a+bx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9483633751	0.9473095664	0.3116787075	1818.2438200

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	0.094415056	0.003160249	29.87583147	0.089167807	0.099662305
b	0.000495491	2.83118e-05	17.50123233	0.000448482	0.000542499

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Zone 2 Tetrachloroethene (PCE)

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.094415056 + 0.00049549055 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.094415056 + 0.00049549055 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.094415056 + 0.00049549055 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.094415056 + 0.00049549055 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.094415056 + 0.00049549055 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$f := \left[\int_{10380.04}^{12086.32} \frac{1}{0.094415056 + 0.00049549055 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 5.089$ $\quad d = 1.915$

$b = 1.486$ $\quad e = 3.376$

$c = 0.141$ $\quad f = 4.058$

$99.093 + a + b + c + d + e + f = 115.157$

Zone 2 Toluene

$$l := \left[\int_{6614.12}^{8051.4} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$q := \left[\int_{10380.04}^{12086.32} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 58.18$	$d = 62.365$	$g = 52.284$	$j = 11.285$	$m = 6.195$	$p = 11.446$
$b = 76.523$	$e = 27.288$	$h = 67.852$	$k = 18.724$	$n = 0.57$	$q = 10.466$
$c = 96.773$	$f = 110.976$	$i = 37.553$	$l = 23.55$	$o = 7.417$	

$$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q = 679.446$$

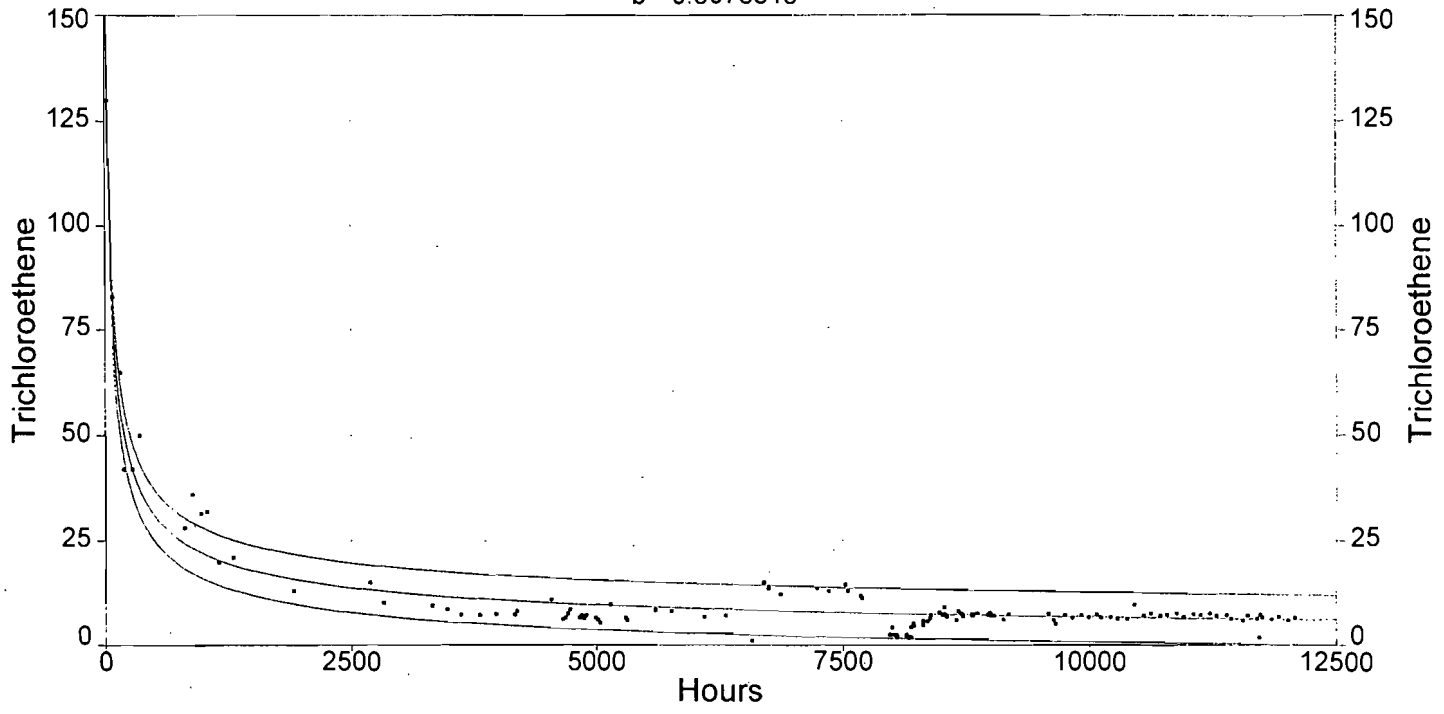
Zone 2

Rank 3 Eqn 8156 [Power_] $y=ax^b$

r^2=0.94754172 DF Adj r^2=0.94668874 FitStdErr=3.5684489 Fstat=2239.7833

a=729.1843

b=-0.5076315



Rank 3 Eqn 8156 [Power_] $y=ax^b$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9475417235	0.9466887434	3.5684488763	2239.7833384

Parm	Value	Std Error	t-value	90% Confidence Limits	
a	729.1842970	33.80358646	21.57121103	673.1638114	785.2047827
b	-0.50763150	0.008551217	-59.3636552	-0.52180287	-0.49346012

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Use prev. Eq. to ~~8377.7~~ 8519.34

Use this Eq. for >~~8377.7~~ 8519.34

10/11/99 MRB

Zone 2 Trichloroethene

$$l := \left[\int_{6614.12}^{8051.4} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} 729.1842970 \cdot x^{-0.50763150} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} 729.1842970 \cdot x^{-0.50763150} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$q := \left[\int_{10380.04}^{12086.32} 729.1842970 \cdot x^{-0.50763150} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

a = 54.097	d = 103.878	g = 126.821	j = 40.365	m = 31.072	p = 90.758
b = 88.561	e = 49.26	h = 190.016	k = 72.164	n = 2.959	q = 116.479
c = 138.157	f = 228.872	i = 122.705	l = 104.133	o = 49.183	

$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q = 1.609 \cdot 10^{3}$

Zone 2 Vinyl Chloride

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.081283936 + 0.000127763 \cdot x^{1.5}} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.081283936 + 0.000127763 \cdot x^{1.5}} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 2.005$	$f = 0.86$	$k = 0.07$
$b = 2.458$	$g = 0.286$	
$c = 2.013$	$h = 0.304$	
$d = 0.838$	$i = 0.148$	
$e = 0.292$	$j = 0.043$	

$a + b + c + d + e + f + g + h + i + j + k = 9.316$

Zone 2 Trichlorofluoromethane

$$a := \left[\int_{8502.47}^{8549.34} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$b := \left[\int_{8549.34}^{9179.06} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$c := \left[\int_{9179.06}^{10380.04} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$d := \left[\int_{10380.04}^{12086.32} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 2.176 \cdot 10^{-11}$ $\quad d = 8.049 \cdot 10^{-13}$

$b = 1.326 \cdot 10^{-10}$

$c = 2.556 \cdot 10^{-11}$

$7.438 + a + b + c + d = 7.438$

Zone 2 Xylenes (total)

$$a := \left[\int_{28}^{73} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

Zone 2 Xylenes (total)

$$l := \left[\int_{6614.12}^{8051.4} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$$q := \left[\int_{10380.04}^{12086.32} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

a = 2.711	d = 3.093	g = 1.863	j = 0.396	m = 0.266	p = 0.593
b = 4.475	e = 1.244	h = 2.311	k = 0.68	n = 0.025	q = 0.701
c = 5.48	f = 4.464	i = 1.285	l = 0.926	o = 0.34	

$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q = 30.853$

Date	Sample Type	Running Hours	Average CFM	Vinyl Chloride	lbs/cu Ft	lbs/hour removed	Trichlorofluoro-Trichlorofluoro-methane	lbs/cu Ft	lbs/hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs/cu Ft	lbs/hour removed	Acetone	lbs/cu Ft	lbs/hour removed	Methylene chloride	lbs/cu Ft	lbs/hour removed	trans-1,2-Dichloroethene	lbs/cu Ft	lbs/hour removed	cis-1,2-Dichloroethene	lbs/cu Ft	lbs/hour removed	Chloroform	lbs/cu Ft	lbs/hour removed	Benzene	lbs/cu Ft
18-Dec-98	Summa	6305.46	518																			1.700	4.199E-07	1.31E-02	0.240	7.301E-08	2.27E-03		
30-Dec-98	GC	6575.44	519																			1.857	4.587E-07	1.43E-02					
04-Jan-99	GC	6695.17	534																			2.501	6.178E-07	1.98E-02					
08-Jan-99	GC	6741.78	536																			2.337	5.773E-07	1.86E-02					
11-Jan-99	GC	6863.14	534																			2.024	5.000E-07	1.60E-02					
26-Jan-99	GC	7238.75	518													0.06	1.298E-08	4.18E-04				2.110	5.212E-07	1.62E-02					
02-Feb-99	GC	7358.75	501													0.045	9.738E-09	3.03E-04				1.887	4.812E-07	1.39E-02					
09-Feb-99	GC	7526.75	497													0.047	1.017E-08	3.06E-04				2.276	5.622E-07	1.68E-02					
10-Feb-99	GC	7550.75	497													0.035	7.574E-09	2.26E-04				1.932	4.772E-07	1.42E-02					
15-Feb-99	GC	7677.75	497													0.062	1.342E-08	4.00E-04				1.701	4.202E-07	1.25E-02					
16-Feb-99	GC	7696	497													0.08	1.731E-08	5.16E-04				1.821	4.498E-07	1.34E-02					
22-Mar-99	GC L BC	7973.15	527																			0.265	6.541E-08	2.07E-03					
22-Mar-99	GC L BC	7978.65	527																			0.327	8.083E-08	2.56E-03					
23-Mar-99	GC L BC	7996.9	527													0.158	3.418E-08	1.08E-03											
24-Mar-99	GC L BC	8020.4	527																			0.527	1.301E-07	4.11E-03					
25-Mar-99	GC L BC	8044.15	530													0.433	9.372E-08	2.98E-03				0.164	4.082E-08	1.29E-03					
25-Mar-99	GC L BC	8051.4	530																										
29-Mar-99	GC L BC	8141.9	548																			0.347	8.561E-08	2.81E-03					
29-Mar-99	GC L BC	8145.4	548																										
30-Mar-99	GC L BC	8164.4	548																			0.454	1.122E-07	3.69E-03					
31-Mar-99	GC L BC	8188.15	548																										
31-Mar-99	Summa	8188.15	548	0.070	1.115E-08	0.00				0.073	3.485E-08	1.15E-03				0.043	9.306E-09	3.08E-04				1.100	2.717E-07	8.93E-03	0.180	5.475E-08	1.80E-03		
1-Apr-99	GC T BC	8210.9	550													0.058	1.250E-08	4.11E-04				0.661	2.127E-07	7.02E-03				0.018	3.644E-09
1-Apr-99	GC T BC	8213.9	550													0.055	1.186E-08	3.91E-04				0.753	1.881E-07	6.14E-03				0.012	2.429E-09
5-Apr-99	GC T BC	8308.15	550													0.049	1.067E-08	3.52E-04				0.843	2.083E-07	6.87E-03				0.012	2.312E-09
5-Apr-99	Summa	8308.15	550	0.067	1.067E-08	0.00				0.083	3.963E-08	1.31E-03				0.041	8.873E-09	2.93E-04	0.017	4.199E-09	0.00	1.100	2.717E-07	8.97E-03	0.180	5.475E-08	1.81E-03		
7-Apr-99	GC T BC	8353.99	539													0.047	1.017E-08	3.36E-04				0.832	2.058E-07	6.65E-03				0.012	2.345E-09
8-Apr-99	GC T BC	8377.67	539													0.047	1.008E-08	3.26E-04				0.764	1.888E-07	6.11E-03				0.011	2.136E-09
8-Apr-99	GC T BC	8382.42	539													0.065	1.412E-08	4.57E-04				0.970	2.395E-07	7.75E-03				0.021	4.252E-09
12-Apr-99	GC T BC	8473.79	539													0.047	1.015E-08	3.28E-04				1.013	2.502E-07	8.09E-03				0.013	2.493E-09
13-Apr-99	GC T BC	8502.47	539																			0.877	2.168E-07	7.01E-03				0.010	1.976E-09
14-Apr-99	GC T BC	8520.48	512													0.050	1.091E-08	3.53E-04				1.016	2.510E-07	7.71E-03				0.011	2.131E-09
14-Apr-99	GC T BC	8525.98	512													0.049	1.061E-08	3.26E-04				0.889	2.197E-07	6.75E-03				0.011	2.158E-09
15-Apr-99	GC T BC	8544.09	512													0.050	1.075E-08	3.30E-04				0.837	2.068E-07	6.35E-03				0.012	2.401E-09
15-Apr-99	GC T BC	8549.34	512													0.048	1.031E-08	3.17E-04				0.847	2.092E-07	6.43E-03				0.009	1.833E-09
19-Apr-99	GC T BC	8646.45	539													0.051	1.110E-08	3.41E-04				0.830	2.050E-07	6.83E-03				0.008	1.645E-09
20-Apr-99	GC T BC	8663.08	539													0.042	9.115E-09	2.95E-04				0.928	2.292E-07	7.41E-03				0.009	1.831E-09
20-Apr-99	GC T BC	8667.08	539													0.046	9.874E-09	3.19E-04				0.882	2.179E-07	7.05E-03				0.008	1.641E-09
21-Apr-99	GC T BC	8692.19	539													0.051	1.098E-08	3.55E-04				0.820	2.025E-07	6.55E-03				0.008	1.510E-09
22-Apr-99	GC T BC	8710.87	539													0.051	1.093E-08	3.54E-04				0.837	2.067E-07	6.66E-03				0.007	1.385E-09
22-Apr-99	GC T BC	8714.37	539													0.050	1.084E-08	3.51E-04				0.762	1.882E-07	6.06E-03				0.008	1.585E-09
26-Apr-99	GC T BC	8805.98	539													0.046	9.944E-09	3.22E-04				0.894	2.208E-07	7.14E-03				0.009	1.823E-09
26-Apr-99	GC T BC	8810.23	539													0.044	9.580E-09	3.10E-04				0.847	2.091E-07	6.78E-03				0.009	1.792E-09
28-Apr-99	GC T BC	8853.34	539													0.054	1.169E-08	3.78E-04				0.874	2.180E-07	6.98E-03				0.009	1.716E-09
28-Apr-99	GC T BC	8859.09	539													0.052	1.118E-08	3.62E-04				0.799	1.974E-07	6.38E-03				0.010	2.063E-09
3-May-99	GC T BC	8965.87	538													0.051	1.096E-08	3.54E-04				0.840	2.076E-07	6.70E-03				0.008	1.639E-09
4-May-99	GC T BC	8989.02	538													0.046	9.925E-09	3.20E-04				0.854	2.109E-07	6.61E-03				0.009	1.725E-09
4-May-99	GC T BC	8993.52	538													0.041	8.850E-09	2.86E-04				0.758	1.873E-07	6.05E-03				0.007	1.432E-09
6-May-99	GC T BC	9028.83	532													0.053	1.138E-08	3.87E-04				0.878	2.164E-07	6.91E-03				0.009	1.764E-09
10-May-99	GC T BC	9124.33	532													0.040	8.667E-09	2.77E-04				0.641	1.583E-07	5.05E-03				0.005	9.802E-10
13-May-99	GC T BC	9179.05	542													0.052	1.117E-08	3.57E-04				0.841	2.079E-07	6.76E-03				0.009	1.764E-09
14-Jun-99	GC T BC	9585.24	547													0.013	2.896E-09	9.42E-05				1.088	2.688E-07	8.82E-03				0.002	4.044E-10
16-Jun-99	GC T BC	9636.42	547													0.014	3.074E-09	1.01E-04				0.996	2.459E-07	8.07E-03				0.004	7.251E-10
17-Jun-99	GC T BC	9655.10	547													0.011	2.419E-09	7.94E-05				0.733	1.811E-07	5.95E-03				0.003	4.986E-10
21-Jun-99	GC T BC	9751.78	547													0.020	4.379E-09	1.44E-04				1.005	2.482E-07	8.15E-03				0.004	8.892E-10
24-Jun-99	GC T BC	9823.71	547													0.017	3.806E-09	1.18E-04				0.762	1.932E-07	6.34E-03				0.003	6.826E-10
28-Jun-99	GC T BC	9919.64	547													0.017	3.755E-09	1.23E-04				0.881	2.176E-07	7.14E-03				0.004	6.981E-10
1-Jul-99	GC T BC	9991.57	547													0.018	3.835E-09	1.26E-04				0.839	2.073E-07	6.80E-03				0.004	7.143E-10
6-Jul-99	GC T BC	10072.00	547													0.024	5.277E-09	1.73E-04				0.967	2.388E-07	7.84E-03				0.005	9.877E-10
8-Jul-99	GC T BC	10115.00	547													0.013	2.875E-09	9.44E-05				0.818	2.021E-07	6.63E-03				0.002	4.902E-10
12-Jul-99	GC T BC	10211.43	547													0.017	3.600E-09	1.18E-04				0.894	2.207E-07	7.24E-03				0.003	6.008E-10
15-Jul-99	GC T BC	10282.86	547													0.016	3.398E-09	1.12E-04				0.799	1.975E-07	6.48E-03				0.002	4.975E-10
19-Jul-99	GC T BC	10380.04	547																			0.752	1.857E-07	6.09E-03				0.014	2.738E-09

547 · 60 = 32820

144.59

Date	Sample Type	Running Hours	Average CFM	lbs /hour removed	Trichloroethene	lbs/cu Ft	lbs /hour removed	Toluene	lbs/cu Ft	lbs /hour removed	Tetrachloroethene	lbs/cu Ft	lbs /hour removed	Ethylbenzene	lbs/cu Ft	lbs /hour removed	Xylenes (total)	lbs/cu Ft	lbs /hour removed	total lbs/hr removed	step est lbs removed	low est lbs removed	high est lbs removed	high/low average
18-Dec-98	Summa	6305.46	518		7.100	2.377E-06	7.39E-02	2.600	6.105E-07	1.90E-02	0.460	1.944E-07	6.04E-03							0.11	27.9383	25.04127	30.83532	27.9383
30-Dec-98	GC	6575.44	519		1.145	3.833E-07	1.19E-02	2.348	5.513E-07	1.72E-02	0.194	8.197E-08	2.55E-03							0.05	8.952016	12.4034	5.500628	8.952018
04-Jan-99	GC	6695.17	534		14.943	5.003E-06	1.60E-01	4.952	1.163E-06	3.73E-02	0.393	1.661E-07	5.32E-03							0.22	18.51852	26.65893	10.37812	18.51852
06-Jan-99	GC	6741.78	536		13.608	4.556E-06	1.47E-01	4.026	9.453E-07	3.04E-02	0.325	1.373E-07	4.42E-03							0.20	16.78855	9.31731	24.25979	16.78855
11-Jan-99	GC	6883.14	534		12.157	4.070E-06	1.30E-01	3.012	7.072E-07	2.27E-02										0.17	42.01467	20.51995	63.50938	42.01467
28-Jan-99	GC	7238.75	518		13.688	4.583E-06	1.42E-01	4.852	1.139E-06	3.54E-02	0.404	1.707E-07	5.31E-03							0.20	49.50091	75.03092	23.9709	49.50091
02-Feb-99	GC	7358.75	501		12.972	4.343E-06	1.31E-01	4.874	1.144E-06	3.44E-02	0.382	1.614E-07	4.85E-03							0.18	26.49137	22.07615	30.9066	26.49137
09-Feb-99	GC	7526.75	497		14.539	4.868E-06	1.45E-01	6.236	1.464E-06	4.37E-02	0.441	1.863E-07	5.56E-03							0.21	20.29837	35.52215	5.074593	20.29837
10-Feb-99	GC	7550.75	497		13.051	4.369E-06	1.30E-01	5.224	1.227E-06	3.66E-02	0.261	1.103E-07	3.29E-03							0.18	13.93867	4.430836	23.44651	13.93887
15-Feb-99	GC	7677.75	497		11.826	3.959E-06	1.18E-01	3.175	7.455E-07	2.22E-02	0.214	9.043E-08	2.70E-03							0.16	11.32383	19.80209	2.845576	11.32383
16-Feb-99	GC	7696	497		11.193	3.747E-06	1.12E-01	3.740	8.782E-07	2.62E-02	0.305	1.289E-07	3.84E-03							0.16	22.99766	2.84162	43.1537	22.99766
22-Mar-99	GC L BC	7973.15	527		2.585	8.655E-07	2.74E-02	0.125	2.933E-08	9.27E-04										0.03	4.291027	8.415058	0.166996	4.291027
22-Mar-99	GC L BC	7978.65	527		2.506	8.389E-07	2.65E-02	0.070	1.653E-08	5.23E-04										0.03	0.351544	0.16282	0.540267	0.351544
23-Mar-99	GC L BC	7996.9	527		4.215	1.411E-06	4.48E-02	0.109	2.554E-08	8.08E-04										0.05	0.970765	0.848693	1.092838	0.970785
24-Mar-99	GC L BC	8020.4	527		2.831	8.809E-07	2.79E-02	0.114	2.671E-08	8.45E-04										0.03	0.775207	0.771105	0.779309	0.775207
25-Mar-99	GC L BC	8044.15	530		2.432	8.142E-07	2.59E-02	0.127	2.988E-08	9.50E-04										0.03	0.482022	0.738582	0.225462	0.482022
25-Mar-99	GC L BC	8051.4	530		1.964	6.574E-07	2.09E-02	0.034	7.915E-09	2.52E-04										0.02	1.034063	0.15339	1.914735	1.034063
29-Mar-99	GC L BC	8141.9	548		2.611	8.741E-07	2.87E-02	0.13654	3.206E-08	1.05E-03										0.03	1.532665	2.951195	0.114135	1.532665
29-Mar-99	GC L BC	8145.4	548		2.126	7.118E-07	2.34E-02													0.02	0.263313	0.081919	0.444706	0.263313
30-Mar-99	GC L BC	8164.4	548		1.850	6.193E-07	2.04E-02													0.02	0.514099	0.456977	0.571221	0.514099
31-Mar-99	GC L BC	8188.15	548		1.944	6.509E-07	2.14E-02													0.02	0.497579	0.50828	0.486879	0.497579
31-Mar-99	Summa	8188.15	548		4.300	1.440E-06	4.73E-02	0.940	2.207E-07	7.26E-03	0.260	1.099E-07	3.61E-03							0.07	0	0	0	0
1-Apr-99	GC T BC	8210.9	550	1.20E-04	5.258	1.760E-06	5.81E-02	0.861	2.021E-07	6.67E-03	0.127	5.361E-08	1.77E-03	0.012	3.167E-09	1.05E-04				0.07	0.955124	1.687694	0.222553	0.955124
1-Apr-99	GC T BC	8213.9	550	8.02E-05	4.701	1.574E-06	5.19E-02	0.800	1.878E-07	6.20E-03	0.108	4.564E-08	1.51E-03	0.005	1.405E-09	4.64E-05	0.002	4.482E-10	1.48E-05	0.07	3.224628	0.198949	6.250307	3.224628
5-Apr-99	GC T BC	8308.15	550	7.63E-05	5.822	1.949E-06	6.43E-02	1.068	2.507E-07	8.27E-03	0.137	5.802E-08	1.91E-03	0.005	1.384E-09	4.57E-05	0.005	1.279E-09	4.22E-05	0.08	5.736508	7.718838	3.75418	5.736508
5-Apr-99	Summa	8308.15	550		4.800	1.607E-06	5.30E-02	1.100	2.583E-07	8.52E-03	0.250	1.056E-07	3.49E-03							0.08	0	0	0	0
7-Apr-99	GC T BC	8353.99	539	7.58E-05	5.749	1.925E-06	8.22E-02	0.935	2.196E-07	7.10E-03	0.135	5.691E-08	1.84E-03	0.007	1.904E-09	6.16E-05				0.08	2.722106	3.589797	1.854415	2.722106
8-Apr-99	GC T BC	8377.67	539	6.91E-05	6.497	2.175E-06	7.03E-02	1.285	3.016E-07	9.76E-03	0.155	6.536E-08	2.11E-03	0.002	5.271E-10	1.70E-05				0.09	1.261265	2.101074	0.421457	1.261265
8-Apr-99	GC T BC	8382.42	539	1.37E-04	7.263	2.432E-06	7.86E-02	1.262	2.963E-07	9.58E-03	0.186	7.839E-08	2.54E-03	0.010	2.743E-09	8.87E-05	0.001	3.967E-10	1.28E-05	0.10	4.767634	0.471208	9.064061	4.767634
12-Apr-99	GC T BC	8473.79	539	8.06E-05	7.946	2.660E-06	8.60E-02	1.818	3.794E-07	1.23E-02	0.179	7.544E-08	2.44E-03	0.001	1.879E-10	6.08E-06				0.11	8.557553	9.981901	3.133205	8.557553
13-Apr-99	GC T BC	8502.47	539	6.39E-05	7.317	2.450E-06	7.92E-02	1.380	3.241E-07	1.05E-02	0.164	6.945E-08	2.25E-03	0.001	2.420E-10	7.83E-06				0.10	2.311783	2.840092	1.783475	2.311783
14-Apr-99	GC T BC	8520.48	512	6.55E-05	9.120	3.053E-06	9.38E-02	1.717	4.032E-07	1.24E-02	0.178	7.541E-08	2.32E-03							0.12	1.370929	2.10042	0.841439	1.370929
14-Apr-99	GC T BC	8525.98	512	6.63E-05	7.598	2.544E-06	7.81E-02	1.407	3.304E-07	1.02E-02	0.180	7.623E-08	2.34E-03							0.10	1.154203	0.537748	1.770656	1.154203
15-Apr-99	GC T BC	8544.09	512	7.38E-05	7.135	2.389E-06	7.34E-02	1.461	3.477E-07	1.07E-02	0.200	8.439E-08	2.59E-03	0.001	3.741E-10	1.15E-05				0.09	1.091198	1.691918	0.490479	1.091198
15-Apr-99	GC T BC	8549.34	512	5.63E-05	6.901	2.310E-06	7.10E-02	1.623	3.811E-07	1.17E-02	0.184	7.779E-08	2.39E-03							0.09	4.701776	0.482304	8.921248	4.701776
19-Apr-99	GC T BC	8646.45	539	5.32E-05	5.993	2.007E-06	6.49E-02	0.741	1.741E-07	5.63E-03	0.135	5.714E-08	1.85E-03							0.08	4.515015	7.709744	1.320287	4.515015
20-Apr-99	GC T BC	8663.08	539	5.92E-05	8.225	2.754E-06	8.91E-02	1.617	3.796E-07	1.23E-02	0.193	8.169E-08	2.64E-03							0.11	1.152564	1.858182	0.446947	1.152564
20-Apr-99	GC T BC	8667.06	539	5.31E-05	8.177	2.738E-06	8.85E-02	1.530	3.593E-07	1.16E-02	0.190	8.032E-08	2.60E-03							0.11	1.603605	0.440702	2.766507	1.603605
21-Apr-99	GC T BC	8692.19	539	4.88E-05	7.601	2.545E-06	8.23E-02	1.421	3.338E-07	1.08E-02	0.193	8.148E-08	2.63E-03							0.10	2.24812	2.578228	1.918013	2.24812
22-Apr-99	GC T BC	8710.87	539	4.48E-05	7.329	2.454E-06	7.93E-02	1.067	2.506E-07	8.10E-03	0.179	7.564E-08	2.45E-03							0.10	1.075507	1.811584	0.33943	1.075507
22-Apr-99	GC T BC	8714.37	539	5.13E-05	6.852	2.294E-06	7.42E-02	0.855	2.008E-07	6.49E-03	0.176	7.423E-08	2.40E-03							0.09	4.259606	0.313503	8.20571	4.259606
26-Apr-99	GC T BC	8805.98	539	5.89E-05	7.379	2.470E-06	7.99E-02	1.001	2.350E-07	7.60E-03	0.175	7.387E-08	2.39E-03							0.10	4.668538	8.923112	0.413964	4.668538
26-Apr-99	GC T BC	8810.23	539	5.80E-05	7.096	2.376E-06	7.68E-02	0.887	2.083E-07	6.73E-03	0.170	7.165E-08	2.32E-03							0.09	2.202443	0.395286	4.0096	2.202443
28-Apr-99	GC T BC	8853.34	539	5.55E-05	7.607	2.547E-06	8.24E-02	1.135	2.666E-07	8.62E-03	0.183	7.736E-08	2.50E-03							0.10	2.465045	4.349902	0.580189	2.465045
28-Apr-99	GC T BC	8859.09	539	6.67E-05	7.636	2.557E-06	8.27E-02	1.187	2.788E-07	9.02E-03	0.182	7.684E-08	2.49E-03	0.001	4.036E-10	1.31E-05				0.10	5.683088	0.580783	10.78539	5.683088
3-May-99	GC T BC	8965.87	538	5.29E-05	7.345	2.459E-06	7.94E-02	1.254	2.944E-07	9.50E-03	0.173	7.330E-08	2.37E-03							0.10	6.3893	10.5018	2.2768	6.3893
4-May-99	GC T BC	8989.02	538	5.57E-05	7.795	2.610E-06	8.42E-02	1.293	3.037E-07	9.80E-03	0.189	7.990E-08	2.58E-03							0.10	1.435185	2.403222	0.467149	1.435185
4-May-99	GC T BC	8993.52	538	4.62E-05	7.207	2.413E-06	7.79E-02	1.117	2.622E-07	8.46E-03	0.173	7.313E-08	2.36E-03							0.10	1.892753	0.427902	3.357605	1.892753
6-May-99	GC T BC	9028.83	532	5.63E-05	7.121	2.384E-06	7.61E-02	1.251	2.938E-07	9.38E-03	0.182	7.672E-08	2.45E-03							0.10	6.229966	3.363353	9.096579	6.229966
10-May-99	GC T BC	9124.33	532	3.13E-05	6.140	2.056E-06	6.56E-02	0.984	2.312E-07	7.38E-03	0.153	6.466E-08	2.06E-03							0.08	6.040454	7.679736	4.401172	6.040454
13-May-99	GC T BC	9179.06	542	5.74E-05	7.491	2.508E-06	8.16E-02	1.301	3.055E-07	9.94E-03	0.212	8.975E-08	2.92E-03							0.10	23.41192	5.56002	41.26382	23.41192
14-Jun-99	GC T BC	9585.24	547	1.33E-05	7.644	2.559E-06	8.40E-02	0.970	2.278E-07	7.48E-03	0.247	1.043E-07	3.42E-03							0.10	23.74315	42.17244	5.313864	23.74315
16-Jun-99	GC T BC	9636.42	547	2.38E-05	6.124	2.050E-06	6.73E-02	0.589	1.383E-07	4.54E-03	0.139	5.875E-08	1.93E-03							0.08	2.86263	4.194372	1.530888	2.86263
17-Jun-99	GC T BC	9655.10	547	1.64E-05	5.174	1.732E-06	5.68E-02	0.472	1.109E-07	3.64E-03	0.227	9.587E-08	3.15E-03							0.07	4.01879	1.301508	6.736071	4.01879
21-Jun-99	GC T BC	9751.78	547	2.92E-05	7.347	2.460E-06	8.07E-02	0.893	2.096E-07	6.88E-03	0.160	6.766E-08	2.22E-03							0.10	8.274049	9.488583	7.059514	8.274049
24-Jun-99	GC T BC	9823.71	547	2.24E-05	6.601	2.210E-06	7.25E-02	0.829	1.947E-07	6.39E-03	0.119	5.029E-08	1.65E-03							0.09	7.305852	6.261288	8.350416	7.305652
28-Jun-99	GC T BC	9919.64	547	2.29E-05	7.154	2.395E-06	7.86E-02	0.924	2.171E-07	7.12E-03	0.171	7.231E-08	2.37E-03							0.10	8.005975	9.150639	6.86131	8.005975
1-Jul-99	GC T BC	9991.57	547	2.34E-05	6.747	2.259E-06	7.41E-02	0.828	1.944E-07	6.38E-03	0.164	6.936E-08	2.28E-03							0.09	6.836543	6.45514	7.217947	6.836543
8-Jul-99	GC T BC	10072.00	547	3.24E-05	7.391	2.475E-06	8.12E-02	0.927	2.177E-07	7.15E-03	0.193	8.162E-08	2.68E-03							0.10	6.114924	7.969288	4.260581	6.114924
8-Jul-99	GC T BC	10115.00	547	1.61E-05	6.617	2.215E-06	7.27E-02	0.724	1.701E-07	5.58E-03	0.268	1.131E-07	3.71E-03							0.09	6.186754	3.815971	8.557537	6.186754
12-Jul-99	GC T BC	10211.43	547	1.97E-05	6.708	2.246E-06	7.37E-02	0.736	1.728E-07	5.67E-03	0.194	8.191E-08	2.69E-03							0.09	7.50732	8.625413	6.389228	7.50732
15-Jul-99	GC T BC	10282.86	547	1.63E-05	6.371	2.133E-06	7.00E-02	0.582	1.367E-07	4.49E-03	0.333	1.406E-07	4.62E-03							0.09	7.225708	6.122203	8.329213	7.225708
19-Jul-99	GC T BC	10380.04	547	8.99E-05	6.354	2.127E-06	6.98E-02	0.705	1.657E-07	5.44E-03	0.152	6.421E-08	2.11E-03							0.08	7.085446	8.119376	6.051517	7.085446

5/20/99	10:35	1	30.27	84	66	161	1.65	0	-1.7	198	-12.9	-10.6	-9.5	-7.1	119546	5541	755
8/31/99	13:45	1	30.22	89	78	251	0.75	0	-9.8	272	-17.5	-14.5	-13.4	-11.8	122565	4000	545
9/1/99	6:55	1	30.21	76	55	194	1.25	0	-4.3	252	-12.9	-8.6	-7.8	-5.5	122565	4954	675
9/1/99	7:40	1	30.22	74	56	233	0.75	0	-10.2	255	-17.5	-14.4	-13.6	-11.9	122565	3949	539
9/14/99	13:55	1	30.14	92	71	248	0.75	0	-9.7	264	-17.5	-14.4	-13.7	-11.8	122565	3997	545
9/15/99	7:15	1	30.15	69	48	231	0.73	0	-10.2	246	-17.5	-14.5	-13.7	-11.9	122565	3895	531

05/20/99					0	0	system set to run on zone 1 & zone 2
08/31/99							
09/01/99							Zone 2 came on @midnight auto timer.Zone 2 turned off @ 7:10
09/01/99							Changed back to Zone 2 @ 14:30
09/14/99							
09/15/99							Summa sample taken @8:11 #105695 Data Chem Labs.

Zone 1 2-Butanone

$$j := \int_{1229.19}^{1275.5} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800$$

$a = 0.953$ $d = 0.303$ $g = 0.015$ $j = 0.019$

$b = 0.8$ $e = 0.129$ $h = 0.033$

$c = 0.617$ $f = 0.132$ $i = 0.015$

$a + b + c + d + e + f + g + h + i + j = 3.018$

Zone 1 Acetone

$$j := \int_{1229.19}^{1275.5} -0.19775281 + \frac{12.43745359}{x^{0.5}}\,dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800$$

$j = 0.034$

$a + b + c + d + e + f + g + h + i + j = 2.727$

Zone 1 Benzene

$$j := \left[\int_{1194.75}^{1229.19} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right] \qquad j = 7.595 \cdot 10^{-4}$$

$$a + b + c + d + e + f + g + h + i + j = 0.284$$

Zone 1 Carbon tetrachloride

$$a := \left[\int_{786.25}^{863.75} \left(-0.60365339 + \frac{5.052712852}{\ln(x)}\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$b := \left[\int_{863.75}^{1095.8} \left(-0.60365339 + \frac{5.052712852}{\ln(x)}\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$c := \left[\int_{863.75}^{1229.19} \left(-0.60365339 + \frac{5.052712852}{\ln(x)}\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32922 \right]$$

$$d := \left[\int_{1229.19}^{1275.5} \left(-0.60365339 + \frac{5.052712852}{\ln(x)}\right)^2 dx \cdot \left(\frac{153.84}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.022$ $\quad d = 6.333 \cdot 10^{-3}$

$b = 0.051$

$c = 0.073$

$a + b + c + d = 0.152$

Zone 1 cis-1,2-Dichloroethene

$$j := \left[\int_{1229.19}^{1275.5} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 6.729$ $d = 1.724$ $g = 0.442$ $j = 0.686$

$b = 5.624$ $e = 0.657$ $h = 1.009$

$c = 4.072$ $f = 3.004$ $i = 0.516$

$a + b + c + d + e + f + g + h + i + j = 24.464$

Zone 1 Chloroform

$$a := \left[\int_{13}^{56.5} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \int_{1127.4}^{1194.75} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400$$

$$i := \int_{1194.75}^{1229.19} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$$j := \int_{1194.75}^{1229.19} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$a = 0.051$ $d = 0.093$ $g = 6.725 \cdot 10^{-3}$ $j = 6.953 \cdot 10^{-3}$

$b = 0.084$ $e = 0.048$ $h = 0.016$

$c = 0.126$ $f = 0.054$ $i = 6.953 \cdot 10^{-3}$

$a + b + c + d + e + f + g + h + i + j = 0.494$

Zone 1 Ethylbenzene

$a = 0.037$ $d = 0.018$ $g = 4.086 \cdot 10^{-4}$

$b = 0.064$ $e = 4.81 \cdot 10^{-3}$ $h = 8.594 \cdot 10^{-4}$ $k = 5.155 \cdot 10^{-4}$

$c = 0.06$ $f = 3.789 \cdot 10^{-3}$ $i = 4.08 \cdot 10^{-4}$

$a + b + c + d + e + f + g + h + i + k = 0.191$

Zone 1 1,1,2-Trichloro-1,2,2-trifluoroethane

$$a := \left[\int_{13}^{56.5} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right] \qquad a = 0.109$$

$$b := \left[\int_{56.5}^{172.5} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right] \qquad b = 0.151$$

$$c := \left[\int_{172.5}^{434} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad c = 0.208$$

$$d := \left[\int_{434}^{692.25} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right] \qquad d = 0.147$$

$$e := \left[\int_{692.25}^{863.75} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad e = 0.073$$

$$f := \left[\int_{863.75}^{1095.8} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right] \qquad f = 0.081$$

$$g := \left[\int_{1095.8}^{1127.4} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right] \qquad g = 9.771 \cdot 10^{-3}$$

$$h := \left[\int_{1127.4}^{1194.75} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400\right] \qquad h = 0.024$$

$$i := \left[\int_{1194.75}^{1229.19} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right] \qquad i = 9.934 \cdot 10^{-3}$$

$$j := \left[\int_{1229.19}^{1275.5} -0.14439084 + \frac{1.201824657}{\ln(x)}\,dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800\right] \qquad j = 0.013$$

$$a + b + c + d + e + f + g + h + i + j = 0.823$$

Zone 1 Methylene chloride

$$a := \left[\int_{13}^{56.5} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot34260\right]$$

$$b := \left[\int_{56.5}^{172.5} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32700\right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot33300\right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot35280\right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32520\right]$$

$$h := \int_{1127.4}^{1194.75} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot38400$$

$$i := \int_{1194.75}^{1229.19} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot32880$$

$$j := \int_{1229.19}^{1275.5} \frac{1}{3.959334823 + 2.32437\cdot10^{-5}\cdot x^2\cdot\ln(x)}\,dx\cdot\left(\frac{84.93}{24.5}\right)\cdot6.2428\cdot10^{-8}\cdot31800$$

$a = 0.079$

$b = 0.152$

$c = 0.13$

$d = 0.041$

$e = 0.013$

$f = 0.011$

$g = 1.083\cdot10^{-3}$

$h = 2.489\cdot10^{-3}$

$i = 9.949\cdot10^{-4}$

$j = 1.208\cdot10^{-3}$

$a + b + c + d + e + f + g + h + i + j = 0.43$

Zone 1 Tetrachloroethene

$$j := \left[\int_{1229.19}^{1275.5} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$$j = 0.096$$

$$a + b + c + d + e + f + g + h + i + j = 31.618$$

Zone 1 Toluene

$$a := \left[\int_{863.75}^{1095.8} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$b := \left[\int_{1095.8}^{1127.4} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$c := \left[\int_{1127.4}^{1194.75} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \right]$$

$$d := \left[\int_{1194.75}^{1229.19} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$$e := \left[\int_{1229.19}^{1275.5} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.349$ $\quad$ $e = 0.011$

$b = 0.019$

$c = 0.031$

$d = 0.011$

$$51.171 + a + b + c + d + e = 51.593$$

Zone 1 Trichloroethene

$$j := \left[\int_{1229.19}^{1275.5} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right] \qquad j = 0.101$$

$$a + b + c + d + e + f + g + h + i + j = 26.425$$

Zone 1 Vinyl Chloride

$$a := \left[\int_{13}^{56.5} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$a = 0.732$

$$b := \left[\int_{56.5}^{172.5} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$b = 0.419$

$$c := \left[\int_{172.5}^{434} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$c = 0.293$

$$d := \left[\int_{434}^{692.25} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$d = 0.138$

$$e := \left[\int_{692.25}^{863.75} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$e = 0.058$

$$f := \left[\int_{863.75}^{1095.8} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$f = 0.059$

$$g := \left[\int_{1095.8}^{1127.4} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$g = 6.824 \cdot 10^{-3}$

$$h := \left[\int_{1127.4}^{1194.75} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$h = 0.014$

$$i := \left[\int_{1194.75}^{1229.19} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$i = 6.79 \cdot 10^{-3}$

$$j := \left[\int_{1229.19}^{1275.5} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800\right]$$

$j = 8.495 \cdot 10^{-3}$

$a + b + c + d + e + f + g + h + i + j = 1.735$

Zone 1 Xylenes (total)

$$a := \left[\int_{863.75}^{1095.8} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$b := \left[\int_{1095.8}^{1127.4} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$c := \left[\int_{1127.4}^{1194.75} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \right]$$

$$d := \left[\int_{1194.75}^{1229.19} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$$e := \left[\int_{1229.19}^{1275.5} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31800 \right]$$

$a = 0.026$

$b = 2.322 \cdot 10^{-3}$

$c = 4.459 \cdot 10^{-3}$

$d = 1.906 \cdot 10^{-3}$

$e = 2.202 \cdot 10^{-3}$

$0.597 + a + b + c + d + e = 0.634$

Date	Sample Type	Running Hours	Average CFM	lbs./hour removed	Trichloroethene	lbs./cu. Ft.	lbs./hour removed	Toluene	lbs./cu. Ft.	lbs./hour removed	Tetrachloroethene	lbs./cu. Ft.	lbs./hour removed	Ethylbenzene	lbs./cu. Ft.	lbs./hour removed	Xylenes (total)	lbs./cu. Ft.	lbs./hour removed	total lbs./hr removed	step est. lbs removed	low est. lbs removed	high est. lbs. removed	high/low average
18-Dec-98	Summa	6305.46	518		7.100	2.377E-06	7.39E-02	2.600	6.105E-07	1.90E-02	0.460	1.944E-07	6.04E-03							0.11	27.9383	25.04127	30.83532	27.9383
30-Dec-98	GC	6575.44	519		1.145	3.833E-07	1.19E-02	2.348	5.513E-07	1.72E-02	0.194	8.197E-08	2.55E-03							0.05	8.952016	12.4034	5.500628	8.952016
04-Jan-99	GC	6695.17	534		14.943	5.003E-06	1.60E-01	4.952	1.163E-06	3.73E-02	0.393	1.661E-07	5.32E-03							0.22	18.51852	26.65693	10.37812	18.51852
08-Jan-99	GC	6741.78	536		13.608	4.556E-06	1.47E-01	4.026	9.453E-07	3.04E-02	0.325	1.373E-07	4.42E-03							0.20	16.78855	9.31731	24.25979	16.78855
11-Jan-99	GC	6863.14	534		12.157	4.070E-06	1.30E-01	3.012	7.072E-07	2.27E-02										0.17	42.01467	20.51995	63.50938	42.01467
28-Jan-99	GC	7238.75	518		13.688	4.583E-06	1.42E-01	4.852	1.139E-06	3.54E-02	0.404	1.707E-07	5.31E-03							0.20	49.50091	75.03092	23.9709	49.50091
02-Feb-99	GC	7358.75	501		12.972	4.343E-06	1.31E-01	4.874	1.144E-06	3.44E-02	0.382	1.614E-07	4.85E-03							0.18	26.49137	22.07615	30.9066	26.49137
09-Feb-99	GC	7526.75	497		14.539	4.868E-06	1.45E-01	6.236	1.464E-06	4.37E-02	0.441	1.863E-07	5.56E-03							0.21	20.29837	35.52215	5.074593	20.29837
10-Feb-99	GC	7550.75	497		13.051	4.369E-06	1.30E-01	5.224	1.227E-06	3.66E-02	0.261	1.103E-07	3.29E-03							0.18	13.93887	4.430836	23.44651	13.93887
15-Feb-99	GC	7677.75	497		11.826	3.959E-06	1.18E-01	3.175	7.455E-07	2.22E-02	0.214	9.043E-08	2.70E-03							0.16	11.32383	19.80209	2.845576	11.32383
16-Feb-99	GC	7696	497		11.193	3.747E-06	1.12E-01	3.740	8.782E-07	2.82E-02	0.305	1.289E-07	3.84E-03							0.16	22.99786	2.84162	43.1537	22.99786
22-Mar-99	GC L BC	7973.15	527		2.585	8.655E-07	2.74E-02	0.125	2.933E-08	9.27E-04										0.03	4.291027	8.415058	0.166996	4.291027
22-Mar-99	GC L BC	7978.65	527		2.506	8.389E-07	2.65E-02	0.070	1.653E-08	5.23E-04										0.03	0.351544	0.16282	0.540267	0.351544
23-Mar-99	GC L BC	7996.9	527		4.215	1.411E-06	4.46E-02	0.109	2.554E-08	8.08E-04										0.05	0.970785	0.848893	1.092838	0.970785
24-Mar-99	GC L BC	8020.4	527		2.631	8.809E-07	2.79E-02	0.114	2.671E-08	8.45E-04										0.03	0.775207	0.771105	0.779309	0.775207
25-Mar-99	GC L BC	8044.15	530		2.432	8.142E-07	2.59E-02	0.127	2.988E-08	9.50E-04										0.03	0.482022	0.738582	0.225462	0.482022
25-Mar-99	GC L BC	8051.4	530		1.984	6.574E-07	2.09E-02	0.034	7.915E-09	2.52E-04										0.02	1.034063	0.15339	1.914735	1.034063
29-Mar-99	GC L BC	8141.9	548		2.611	8.741E-07	2.87E-02	0.13654	3.206E-08	1.05E-03										0.03	1.532665	2.951195	0.114135	1.532665
29-Mar-99	GC L BC	8145.4	548		2.126	7.118E-07	2.34E-02													0.02	0.263313	0.081919	0.444706	0.263313
30-Mar-99	GC L BC	8184.4	548		1.850	6.193E-07	2.04E-02													0.02	0.514099	0.456977	0.571221	0.514099
31-Mar-99	GC L BC	8188.15	548		1.944	8.509E-07	2.14E-02													0.02	0.497579	0.50828	0.486879	0.497579
31-Mar-99	Summa	8188.15	548		4.300	1.440E-06	4.73E-02	0.940	2.207E-07	7.26E-03	0.280	1.099E-07	3.61E-03							0.07	0	0	0	0
1-Apr-99	GC T BC	8210.9	550	1.20E-04	5.258	1.760E-06	5.81E-02	0.861	2.021E-07	6.67E-03	0.127	5.361E-08	1.77E-03	0.012	3.167E-09	1.05E-04				0.07	0.955124	1.687694	0.222553	0.955124
1-Apr-99	GC T BC	8213.9	550	8.02E-05	4.701	1.574E-06	5.19E-02	0.800	1.878E-07	6.20E-03	0.108	4.564E-08	1.51E-03	0.005	1.405E-09	4.64E-05	0.002	4.482E-10	1.48E-05	0.07	3.224628	0.198949	6.250307	3.224628
5-Apr-99	GC T BC	8308.15	550	7.63E-05	5.822	1.949E-06	6.43E-02	1.068	2.507E-07	8.27E-03	0.137	5.802E-08	1.91E-03	0.005	1.384E-09	4.57E-05	0.005	1.279E-09	4.22E-05	0.08	5.736508	7.718836	3.75418	5.736508
5-Apr-99	Summa	8308.15	550		4.800	1.607E-06	5.30E-02	1.100	2.583E-07	8.52E-03	0.250	1.056E-07	3.49E-03							0.08	0	0	0	0
7-Apr-99	GC T BC	8353.99	539	7.58E-05	5.749	1.925E-06	6.22E-02	0.935	2.196E-07	7.10E-03	0.135	5.691E-08	1.84E-03	0.007	1.904E-09	6.18E-05				0.08	2.722106	3.589797	1.854415	2.722106
8-Apr-99	GC T BC	8377.67	539	6.91E-05	6.497	2.175E-06	7.03E-02	1.285	3.016E-07	9.76E-03	0.155	6.536E-08	2.11E-03	0.002	5.271E-10	1.70E-05				0.09	1.261265	2.101074	0.421457	1.261265
8-Apr-99	GC T BC	8382.42	539	1.37E-04	7.263	2.432E-06	7.86E-02	1.262	2.963E-07	9.58E-03	0.186	7.839E-08	2.54E-03	0.010	2.743E-09	8.87E-05	0.001	3.967E-10	1.28E-05	0.10	4.767634	0.471208	9.064061	4.767634
12-Apr-99	GC T BC	8473.79	539	8.06E-05	7.948	2.660E-06	8.60E-02	1.616	3.794E-07	1.23E-02	0.179	7.544E-08	2.44E-03	0.001	1.879E-10	6.08E-06				0.11	6.557553	9.981901	3.133205	6.557553
13-Apr-99	GC T BC	8502.47	539	6.39E-05	7.317	2.450E-06	7.92E-02	1.380	3.241E-07	1.05E-02	0.164	6.945E-08	2.25E-03	0.001	2.420E-10	7.83E-06				0.10	2.311783	2.840092	1.783475	2.311783
14-Apr-99	GC T BC	8520.48	512	6.55E-05	9.120	3.053E-06	9.38E-02	1.717	4.032E-07	1.24E-02	0.178	7.541E-08	2.32E-03							0.12	1.370929	2.10042	0.641439	1.370929
14-Apr-99	GC T BC	8525.98	512	6.63E-05	7.598	2.544E-06	7.81E-02	1.407	3.304E-07	1.02E-02	0.180	7.623E-08	2.34E-03							0.10	1.154203	0.537748	1.770658	1.154203
15-Apr-99	GC T BC	8544.09	512	7.38E-05	7.135	2.389E-06	7.34E-02	1.481	3.477E-07	1.07E-02	0.200	8.439E-08	2.59E-03	0.001	3.741E-10	1.15E-05				0.09	1.091198	1.691918	0.490479	1.091198
15-Apr-99	GC T BC	8549.34	512	5.63E-05	6.901	2.310E-06	7.10E-02	1.623	3.811E-07	1.17E-02	0.184	7.779E-08	2.39E-03							0.09	4.701776	0.482304	8.921248	4.701776
19-Apr-99	GC T BC	8648.45	539	5.32E-05	5.993	2.007E-06	6.49E-02	0.741	1.741E-07	5.63E-03	0.135	5.714E-08	1.85E-03							0.08	4.515015	7.709744	1.320287	4.515015
20-Apr-99	GC T BC	8663.08	539	5.92E-05	8.225	2.754E-06	8.91E-02	1.617	3.798E-07	1.23E-02	0.193	8.169E-08	2.64E-03							0.11	1.152564	1.858182	0.446947	1.152564
20-Apr-99	GC T BC	8667.08	539	5.31E-05	8.177	2.738E-06	8.85E-02	1.530	3.593E-07	1.16E-02	0.190	8.032E-08	2.60E-03							0.11	1.603605	0.440702	2.766507	1.603605
21-Apr-99	GC T BC	8692.19	539	4.88E-05	7.601	2.545E-06	8.23E-02	1.421	3.338E-07	1.08E-02	0.193	8.148E-08	2.63E-03							0.10	2.24812	2.578228	1.918013	2.24812
22-Apr-99	GC T BC	8710.87	539	4.48E-05	7.329	2.454E-06	7.93E-02	1.067	2.506E-07	8.10E-03	0.179	7.564E-08	2.45E-03							0.10	1.075507	1.811584	0.33943	1.075507
22-Apr-99	GC T BC	8714.37	539	5.13E-05	6.852	2.294E-06	7.42E-02	0.855	2.008E-07	6.49E-03	0.178	7.423E-08	2.40E-03							0.09	4.259606	0.313503	8.20571	4.259606
26-Apr-99	GC T BC	8805.98	539	5.89E-05	7.379	2.470E-06	7.99E-02	1.001	2.350E-07	7.60E-03	0.175	7.387E-08	2.39E-03							0.10	4.888538	8.923112	0.413964	4.688538
26-Apr-99	GC T BC	8810.23	539	5.80E-05	7.098	2.376E-06	7.68E-02	0.887	2.083E-07	6.73E-03	0.170	7.165E-08	2.32E-03							0.09	2.202443	0.395286	4.0096	2.202443
26-Apr-99	GC T BC	8853.34	539	5.55E-05	7.607	2.547E-06	8.24E-02	1.135	2.666E-07	8.62E-03	0.183	7.736E-08	2.50E-03							0.10	2.465045	4.349902	0.580189	2.465045
26-Apr-99	GC T BC	8859.09	539	6.67E-05	7.636	2.557E-06	8.27E-02	1.187	2.788E-07	9.02E-03	0.182	7.684E-08	2.49E-03	0.001	4.036E-10	1.31E-05				0.10	5.683088	0.580783	10.78539	5.683088
3-May-99	GC T BC	8965.67	538	5.29E-05	7.345	2.459E-06	7.94E-02	1.254	2.944E-07	9.50E-03	0.173	7.330E-08	2.37E-03							0.10	6.3893	10.5018	2.2788	6.3893
4-May-99	GC T BC	8989.02	538	5.57E-05	7.795	2.610E-06	8.42E-02	1.293	3.037E-07	9.80E-03	0.189	7.990E-08	2.58E-03							0.10	1.435185	2.403222	0.467149	1.435185
4-May-99	GC T BC	8993.52	538	4.62E-05	7.207	2.413E-06	7.79E-02	1.117	2.622E-07	8.46E-03	0.173	7.313E-08	2.36E-03							0.10	1.892753	0.427902	3.357605	1.892753
6-May-99	GC T BC	9028.83	532	5.63E-05	7.121	2.384E-06	7.81E-02	1.251	2.938E-07	9.38E-03	0.182	7.672E-08	2.45E-03							0.10	6.229986	3.363353	9.096579	6.229986
10-May-99	GC T BC	9124.33	532	3.13E-05	6.140	2.056E-06	6.56E-02	0.984	2.312E-07	7.38E-03	0.153	6.466E-08	2.08E-03							0.08	6.040454	7.679736	4.401172	6.040454
13-May-99	GC T BC	9179.06	542	5.74E-05	7.491	2.508E-06	8.16E-02	1.301	3.055E-07	9.94E-03	0.212	8.975E-08	2.92E-03							0.10	23.41192	5.56002	41.26382	23.41192
14-Jun-99	GC T BC	9585.24	547	1.33E-05	7.644	2.559E-06	8.40E-02	0.970	2.278E-07	7.48E-03	0.247	1.043E-07	3.42E-03							0.10	23.74315	42.17244	5.313864	23.74315
16-Jun-99	GC T BC	9636.42	547	2.38E-05	6.124	2.050E-06	6.73E-02	0.589	1.383E-07	4.54E-03	0.139	5.875E-08	1.93E-03							0.08	2.86263	4.194372	1.530888	2.86263
17-Jun-99	GC T BC	9655.10	547	1.64E-05	5.174	1.732E-06	5.68E-02	0.472	1.109E-07	3.64E-03	0.227	9.587E-08	3.15E-03							0.07	4.01879	1.301508	6.736071	4.01879
21-Jun-99	GC T BC	9751.78	547	2.92E-05	7.347	2.460E-06	8.07E-02	0.893	2.096E-07	6.88E-03	0.160	6.766E-08	2.22E-03							0.10	8.274049	9.488583	7.059514	8.274049
24-Jun-99	GC T BC	9823.71	547	2.24E-05	6.601	2.210E-06	7.25E-02	0.829	1.947E-07	6.39E-03	0.119	5.029E-08	1.65E-03							0.09	7.305852	6.261288	8.350416	7.305852
26-Jun-99	GC T BC	9919.84	547	2.29E-05	7.154	2.395E-06	7.86E-02	0.924	2.171E-07	7.12E-03	0.171	7.231E-08	2.37E-03							0.10	8.005975	9.150639	8.88131	8.005975
1-Jul-99	GC T BC	9991.57	547	2.34E-05	8.747	2.259E-06	7.41E-02	0.828	1.944E-07	6.38E-03	0.164	8.936E-08	2.28E-03							0.09	6.836543	6.45514	7.217947	6.836543
6-Jul-99	GC T BC	10072.00	547	3.24E-05	7.391	2.475E-06	8.12E-02	0.927	2.177E-07	7.15E-03	0.193	8.162E-08	2.68E-03							0.10	6.114924	7.969268	4.260581	6.114924
8-Jul-99	GC T BC	10115.00	547	1.61E-05	6.617	2.215E-06	7.27E-02	0.724	1.701E-07	5.58E-03	0.268	1.131E-07	3.71E-03							0.09	6.186754	3.815971	8.557537	6.186754
12-Jul-99	GC T BC	10211.43	547	1.97E-05	6.708	2.246E-06	7.37E-02	0.738	1.728E-07	5.67E-03	0.194	8.191E-08	2.69E-03							0.09	7.50732	8.825413	6.389228	7.50732
15-Jul-99	GC T BC	10282.86	547	1.63E-05	6.371	2.133E-06	7.00E-02	0.582	1.367E-07	4.49E-03	0.333	1.406E-07	4.62E-03							0.09	7.225708	6.122203	8.329213	7.225708
19-Jul-99	GC T BC	10380.04	547	8.99E-05	6.354	2.127E-06	6.98E-02	0.705	1.857E-07	5.44E-03	0.152	6.421E-08	2.11E-03							0.08	4.059888	8.119376	0	4.059888

12/31

6614 .12 → 3/25 8051.4 $\bar{x}$ 519 std 16 31140

8051.4 → 4/13 8502.47 $\bar{x}$ 545 std 5 32700

8502.47 → 5/15 8549.34 $\bar{x}$ 512 Ø 30770

8549.34 → 5/3 9179.06 $\bar{x}$ 538 std 3 32280

9179.06 → 7/19 10380.04 $\bar{x}$ 547 Ø 32820

ACE = 5.554 lbs (Hist. Val)

18 Dec 98 → 19 JUL 99

Zone 2 = 2723.27 lbs.

SNL Meth = 2726.23 lbs.

Mound Step: 2711.38 lbs.

8/4/99 [illegible]

ZZMAS( )s

Date	Sample Type	Running Hours	Average CFM	Vinyl Chloride	lbs/cu Ft	lbs/hour removed	Trichlorofluoro-Trichlorofluoro-methane	lbs/cu Ft	lbs/hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs/cu Ft.	lbs/hour removed	Acetone	lbs/cu Ft	lbs/hour removed	Methylene chloride	lbs/cu. Ft	lbs/hour removed	trans-1,2-Dichloroethene	lbs/cu Ft.	lbs/hour removed	cis-1,2-Dichloroethene	lbs/cu. Ft.	lbs/hour removed	Chloroform	lbs/cu. Ft	lbs/hour removed	Benzene	lbs/cu Ft
18-Dec-98	Summa	6305.46	518																			1.700	4.199E-07	1.31E-02	0.240	7.301E-08	2.27E-03		
30-Dec-98	GC	6575.44	519																			1.857	4.587E-07	1.43E-02					
04-Jan-99	GC	6695.17	534																			2.501	6.178E-07	1.98E-02					
08-Jan-99	GC	6741.78	536																			2.337	5.773E-07	1.88E-02					
11-Jan-99	GC	6863.14	534																			2.024	5.000E-07	1.60E-02					
28-Jan-99	GC	7238.75	518													0.06	1.298E-08	4.16E-04				2.110	5.212E-07	1.62E-02					
02-Feb-99	GC	7358.75	501													0.045	9.738E-09	3.03E-04				1.867	4.612E-07	1.39E-02					
09-Feb-99	GC	7528.75	497													0.047	1.017E-08	3.06E-04				2.278	5.622E-07	1.68E-02					
10-Feb-99	GC	7550.75	497													0.035	7.574E-09	2.26E-04				1.932	4.772E-07	1.42E-02					
15-Feb-99	GC	7677.75	497													0.062	1.342E-08	4.00E-04				1.701	4.202E-07	1.25E-02					
16-Feb-99	GC	7898	497													0.08	1.731E-08	5.16E-04				1.821	4.498E-07	1.34E-02					
22-Mar-99	GC L BC	7973.15	527																			0.265	6.541E-08	2.07E-03					
22-Mar-99	GC L BC	7978.65	527																			0.327	8.083E-08	2.56E-03					
23-Mar-99	GC L BC	7996.9	527													0.156	3.418E-08	1.08E-03											
24-Mar-99	GC L BC	8020.4	527																			0.527	1.301E-07	4.11E-03					
25-Mar-99	GC L BC	8044.15	530													0.433	9.372E-08	2.96E-03				0.164	4.062E-08	1.29E-03					
25-Mar-99	GC L BC	8051.4	530																										
29-Mar-99	GC L BC	8141.9	548																			0.347	8.561E-08	2.61E-03					
29-Mar-99	GC L BC	8145.4	548																										
30-Mar-99	GC L BC	8164.4	548																			0.454	1.122E-07	3.69E-03					
31-Mar-99	GC L BC	8188.15	548																										
31-Mar-99	Summa	8188.15	548	0.070	1.115E-08	0.00				0.073	3.485E-08	1.15E-03				0.043	9.306E-09	3.08E-04				1.100	2.717E-07	8.93E-03	0.180	5.475E-08	1.80E-03		
1-Apr-99	GC T BC	8210.9	550													0.058	1.250E-08	4.11E-04				0.861	2.127E-07	7.02E-03				0.018	3.644E-09
1-Apr-99	GC T BC	8213.9	550													0.055	1.186E-08	3.91E-04				0.753	1.861E-07	6.14E-03				0.012	2.429E-09
5-Apr-99	GC T BC	8308.15	550													0.049	1.067E-08	3.52E-04				0.843	2.083E-07	6.87E-03				0.012	2.312E-09
5-Apr-99	Summa	8308.15	550	0.067	1.067E-08	0.00				0.083	3.963E-08	1.31E-03				0.041	8.873E-09	2.93E-04	0.017	4.199E-09	0.00	1.100	2.717E-07	8.97E-03	0.180	5.475E-08	1.81E-03		
7-Apr-99	GC T BC	8353.99	539													0.047	1.017E-08	3.38E-04				0.832	2.056E-07	6.85E-03				0.012	2.345E-09
8-Apr-99	GC T BC	8377.67	539													0.047	1.008E-08	3.28E-04				0.764	1.888E-07	6.11E-03				0.011	2.136E-09
8-Apr-99	GC T BC	8382.42	539													0.065	1.412E-08	4.57E-04				0.970	2.395E-07	7.75E-03				0.021	4.252E-09
12-Apr-99	GC T BC	8473.79	539													0.047	1.015E-08	3.28E-04				1.013	2.502E-07	8.09E-03				0.013	2.493E-09
13-Apr-99	GC T BC	8502.47	539																			0.877	2.166E-07	7.01E-03				0.010	1.976E-09
14-Apr-99	GC T BC	8520.48	512													0.050	1.091E-08	3.53E-04				1.016	2.510E-07	7.71E-03				0.011	2.131E-09
14-Apr-99	GC T BC	8525.98	512													0.049	1.061E-08	3.26E-04				0.889	2.197E-07	6.75E-03				0.011	2.158E-09
15-Apr-99	GC T BC	8544.09	512													0.050	1.075E-08	3.30E-04				0.837	2.068E-07	6.35E-03				0.012	2.401E-09
15-Apr-99	GC T BC	8549.34	512													0.048	1.031E-08	3.17E-04				0.847	2.092E-07	6.43E-03				0.009	1.833E-09
19-Apr-99	GC T BC	8646.45	539													0.051	1.110E-08	3.41E-04				0.830	2.050E-07	6.63E-03				0.008	1.645E-09
20-Apr-99	GC T BC	8663.08	539													0.042	9.115E-09	2.95E-04				0.928	2.292E-07	7.41E-03				0.009	1.831E-09
20-Apr-99	GC T BC	8687.08	539													0.046	9.874E-09	3.19E-04				0.862	2.179E-07	7.05E-03				0.006	1.641E-09
21-Apr-99	GC T BC	8692.19	539													0.051	1.088E-08	3.55E-04				0.820	2.025E-07	6.55E-03				0.006	1.510E-09
22-Apr-99	GC T BC	8710.87	539													0.051	1.093E-08	3.54E-04				0.837	2.067E-07	6.68E-03				0.007	1.385E-09
22-Apr-99	GC T BC	8714.37	539													0.050	1.084E-08	3.51E-04				0.762	1.882E-07	6.08E-03				0.006	1.565E-09
26-Apr-99	GC T BC	8805.98	539													0.046	9.944E-09	3.22E-04				0.894	2.208E-07	7.14E-03				0.009	1.823E-09
26-Apr-99	GC T BC	8810.23	539													0.044	9.580E-09	3.10E-04				0.847	2.091E-07	6.76E-03				0.009	1.792E-09
28-Apr-99	GC T BC	8853.34	539													0.054	1.169E-08	3.78E-04				0.874	2.160E-07	6.98E-03				0.009	1.716E-09
28-Apr-99	GC T BC	8859.09	539													0.052	1.118E-08	3.62E-04				0.799	1.974E-07	6.38E-03				0.010	2.063E-09
3-May-99	GC T BC	8965.87	538													0.051	1.096E-08	3.54E-04				0.840	2.076E-07	6.70E-03				0.008	1.639E-09
4-May-99	GC T BC	8989.02	538													0.046	9.925E-09	3.20E-04				0.854	2.109E-07	6.81E-03				0.009	1.725E-09
4-May-99	GC T BC	8993.52	538													0.041	8.850E-09	2.86E-04				0.756	1.673E-07	6.05E-03				0.007	1.432E-09
6-May-99	GC T BC	9028.83	532													0.053	1.136E-08	3.67E-04				0.878	2.164E-07	6.91E-03				0.009	1.764E-09
10-May-99	GC T BC	9124.33	532													0.040	8.687E-09	2.77E-04				0.641	1.583E-07	5.05E-03				0.005	9.802E-10
13-May-99	GC T BC	9179.06	542													0.052	1.117E-08	3.57E-04				0.841	2.079E-07	6.76E-03				0.009	1.764E-09
14-Jun-99	GC T BC	9585.24	547													0.013	2.896E-09	9.42E-05				1.088	2.688E-07	8.82E-03				0.002	4.044E-10
16-Jun-99	GC T BC	9636.42	547													0.014	3.074E-09	1.01E-04				0.998	2.459E-07	8.07E-03				0.004	7.251E-10
17-Jun-99	GC T BC	9655.10	547													0.011	2.419E-09	7.94E-05				0.733	1.811E-07	5.95E-03				0.003	4.986E-10
21-Jun-99	GC T BC	9751.78	547													0.020	4.379E-09	1.44E-04				1.005	2.482E-07	8.15E-03				0.004	8.892E-10
24-Jun-99	GC T BC	9823.71	547													0.017	3.606E-09	1.18E-04				0.782	1.932E-07	6.34E-03				0.003	8.826E-10
28-Jun-99	GC T BC	9919.64	547													0.017	3.755E-09	1.23E-04				0.881	2.176E-07	7.14E-03				0.004	6.981E-10
1-Jul-99	GC T BC	9991.57	547													0.018	3.835E-09	1.26E-04				0.839	2.073E-07	6.80E-03				0.004	7.143E-10
6-Jul-99	GC T BC	10072.00	547													0.024	5.277E-09	1.73E-04				0.987	2.388E-07	7.84E-03				0.005	9.877E-10
8-Jul-99	GC T BC	10115.00	547													0.013	2.875E-09	9.44E-05				0.818	2.021E-07	6.63E-03				0.002	4.902E-10
12-Jul-99	GC T BC	10211.43	547													0.017	3.600E-09	1.18E-04				0.894	2.207E-07	7.24E-03				0.003	6.008E-10
15-Jul-99	GC T BC	10282.86	547													0.016	3.398E-09	1.12E-04				0.799	1.975E-07	6.48E-03				0.002	4.975E-10
19-Jul-99	GC T BC	10380.04	547																			0.752	1.857E-07	6.09E-03				0.014	2.738E-09

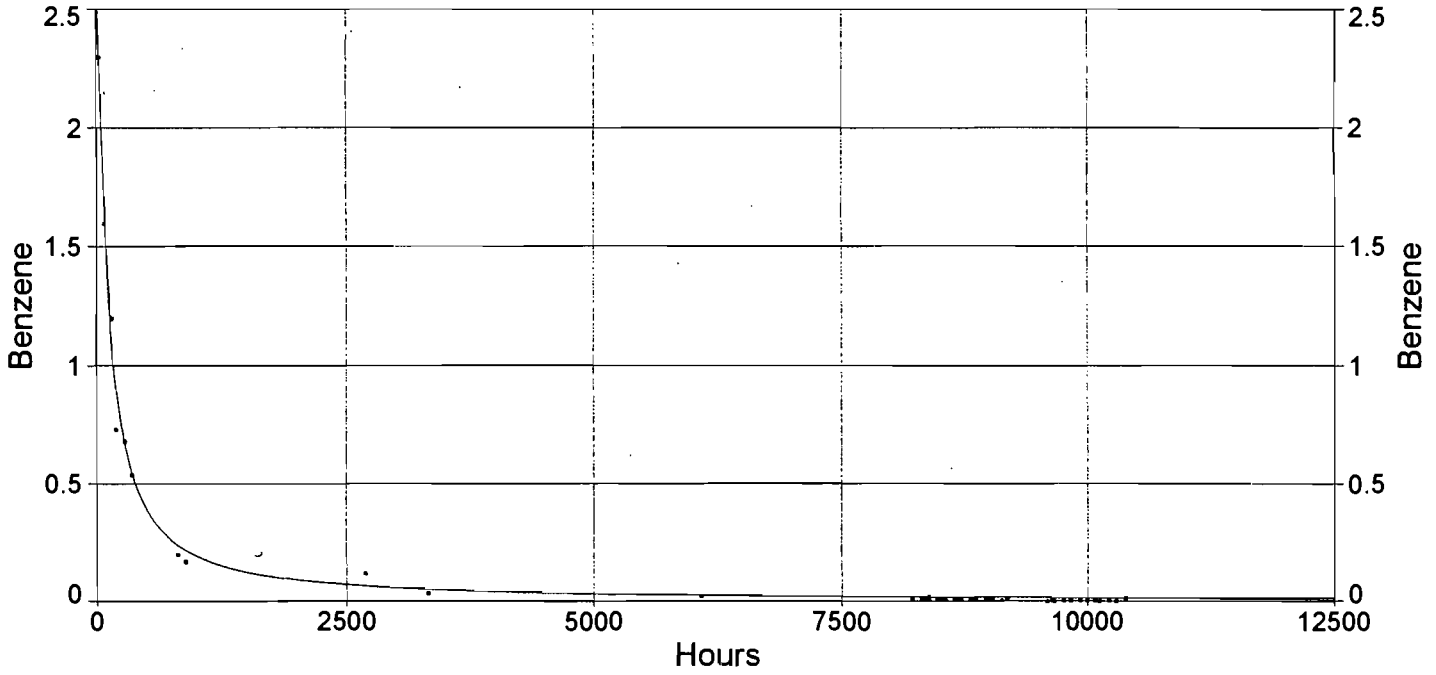
Zone 2

Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.99205156$ DF Adj $r^2=0.99172037$ FitStdErr=0.039114718 Fstat=6115.7314

a=0.37476471

b=0.00069326237



Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9920515596	0.9917203746	0.0391147180	6115.7313747

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.374764710	0.008191165	45.75230719	0.358303947	0.391225473
b	0.000693262	2.66708e-05	25.99328354	0.000639665	0.000746859

Date	Time	File Source
Aug 5, 1999	3:12:57 PM	C:\TCWIN4\CLIPBRD.WK1

12/98 = 6.069

Zone 2 Benzene

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.37476471 + 0.00069326237 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 0.196$

$b = 0.056$

$c = 5.32 \cdot 10^{-3}$

$d = 0.072$

$e = 0.125$

$6.069 + a + b + c + d + e = 6.524$

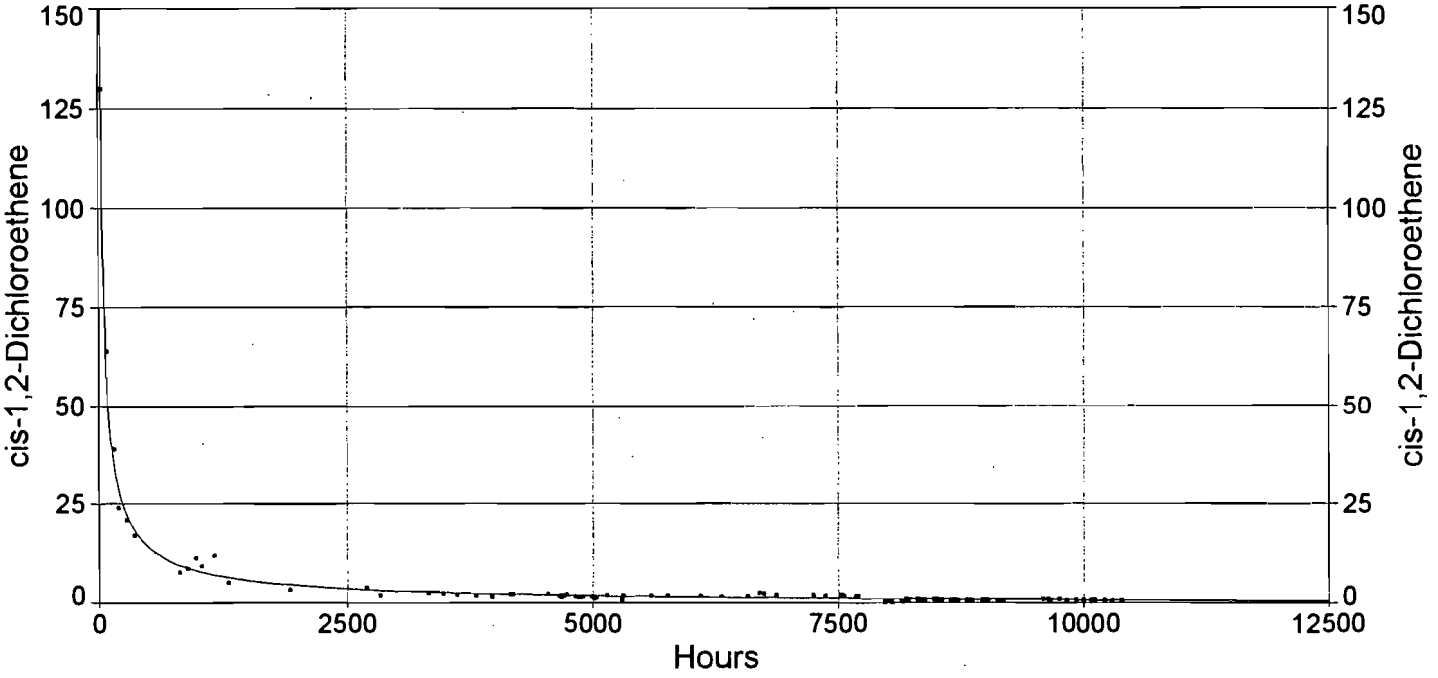
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.99483125 DF Adj r^2=0.99466802 FitStdErr=1.0968631 Fstat=9238.5697

a=-0.69500367 b=1650.6583

c=-0.76027392



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9948312454	0.9946680215	1.0968630948	9238.5696913

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.69500367	0.182583291	-3.80650203	-1.05742864	-0.33257870
b	1650.658330	64.41609096	25.62493789	1522.793400	1778.523260
c	-0.76027392	0.010651792	-71.3752133	-0.78141756	-0.73913028

Date	Time	File Source
Aug 5, 1999	3:10:31 PM	C:\TCWIN4\CLIPBRD.WK1

Zone 2 cis-1,2-Dichloroethene

$$a := \left[\int_{28}^{73} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 cis-1,2-Dichloroethene

$$j := \left[\int_{5292.37}^{5731.7} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 34.116$	$d = 29.899$	$g = 24.208$	$j = 5.776$
$b = 41.206$	$e = 12.857$	$h = 32.11$	$k = 9.911$
$c = 48.462$	$f = 51.462$	$i = 18.565$	

$a + b + c + d + e + f + g + h + i + j + k = 308.572$

Zone 2 cis-1,2-Dichloroethene

$$a := \left[\int_{6614.12}^{8051.4} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.69500367 + 1650.65833 \cdot x^{-0.76027392} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 13.379$ $\quad$ $d = 4.776$

$b = 3.786$ $\quad$ $e = 8.116$

$c = 0.356$

$308.572 + a + b + c + d + e = 338.984$

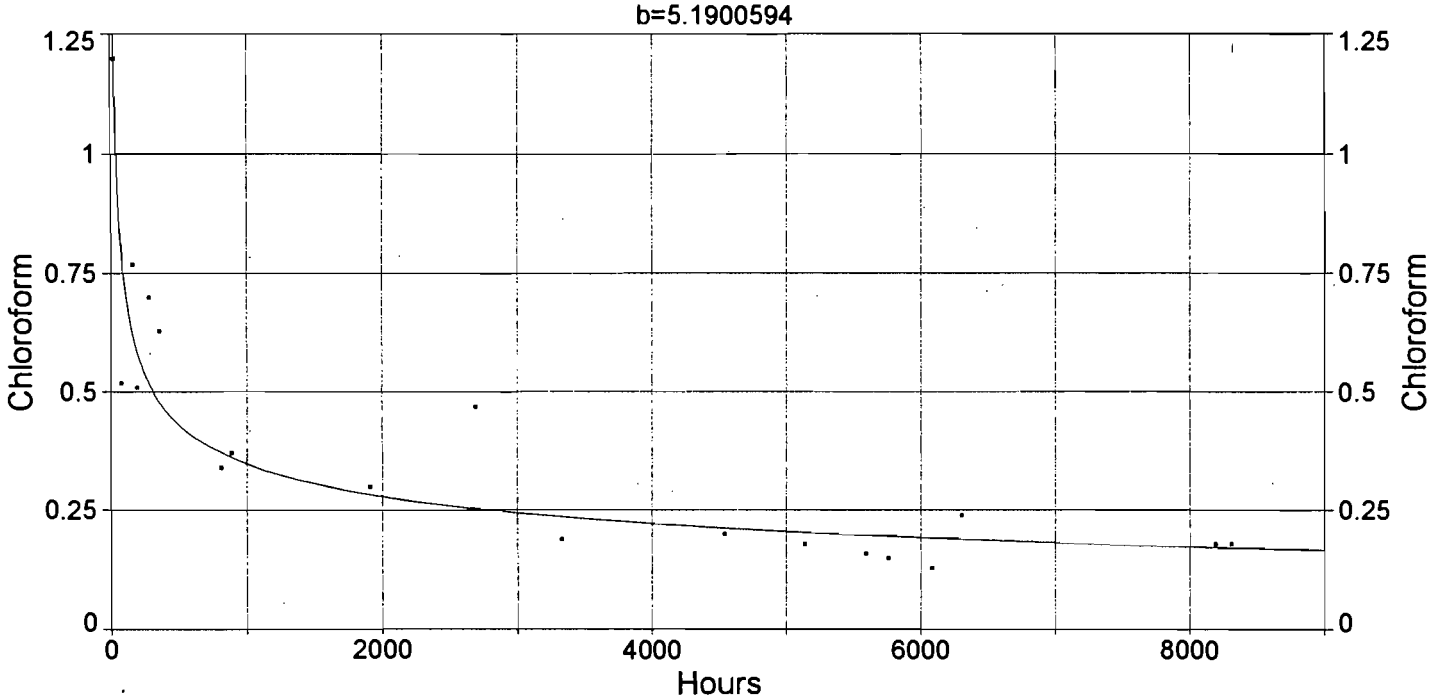
Zone 2

Rank 1 Eqn 14 y=a+b/lnx

r^2=0.8723366 DF Adj r^2=0.85531482 FitStdErr=0.10588796 Fstat=109.32958

a=-0.40409933

b=5.1900594



Rank 1 Eqn 14 y=a+b/lnx

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.8723366047	0.8553148187	0.1058879565	109.32958224

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.40409933	0.079588771	-5.07734098	-0.57281999	-0.23537867
b	5.190059446	0.496367671	10.45607872	4.137806989	6.242311904

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Zone 2 Chloroform (TCM)

$$a := \left[\int_{28}^{73} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

$$j := \left[\int_{5292.37}^{5731.7} -0.40409933 + \frac{5.190059446}{\ln(x)}\,dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920\right]$$

Zone 2 Chloroform

$$k := \left[\int_{5731.7}^{6614.12} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 0.452$	$d = 1.225$	$g = 2.027$	$j = 0.846$
$b = 0.817$	$e = 0.619$	$h = 3.392$	$k = 1.578$
$c = 1.455$	$f = 3.213$	$i = 2.434$	

$a + b + c + d + e + f + g + h + i + j + k = 18.058$

Zone 2 Chloroform (TCM)

$$a := \left[\int_{6614.12}^{8051.4} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.40409933 + \frac{5.190059446}{\ln(x)} dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 2.439$ $\quad d = 1.032$

$b = 0.768$ $\quad e = 1.928$

$c = 0.074$

$18.058 + a + b + c + d + e = 24.3$

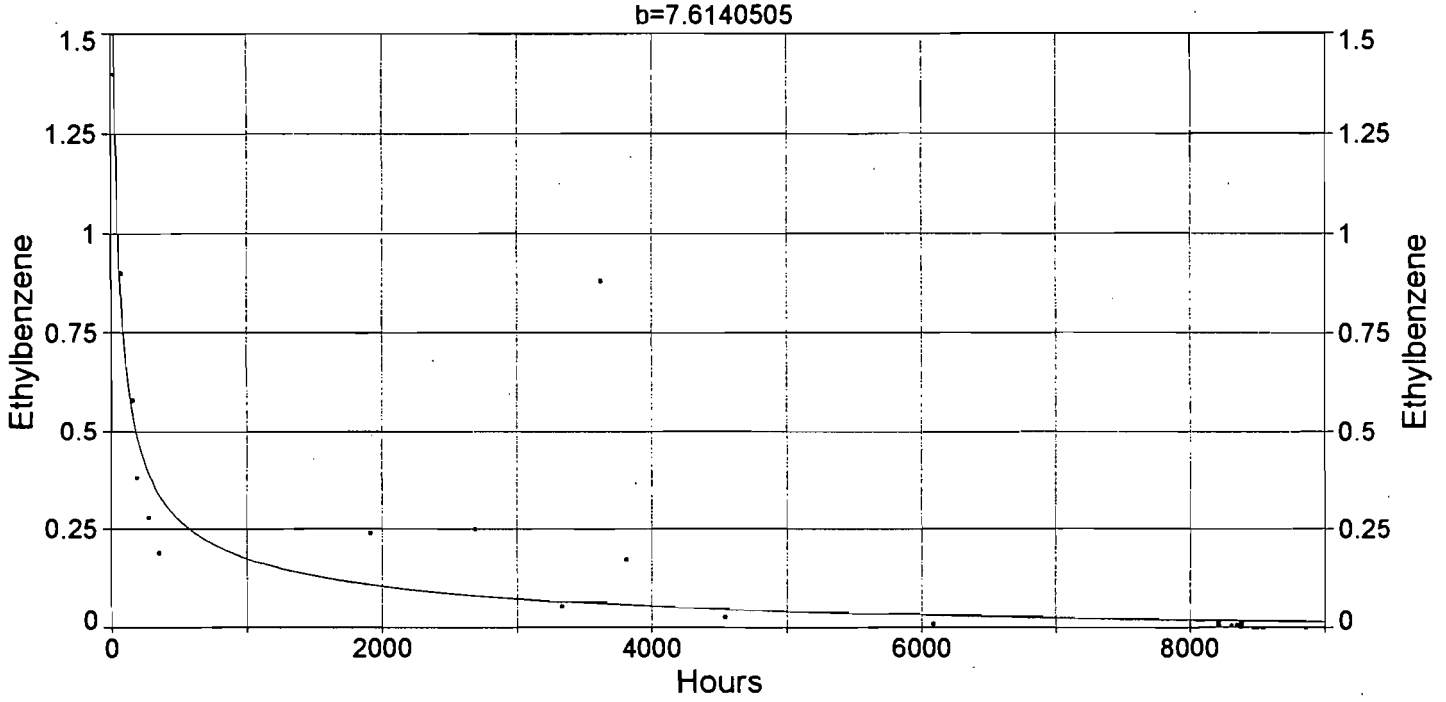
Zone 2

Rank 1 Eqn 15 $y=a+b/x^{0.5}$

r^2=0.95510239 DF Adj r^2=0.95037633 FitStdErr=0.076187908 Fstat=425.45802

a=-0.065397128

b=7.6140505



Rank 1 Eqn 15 $y=a+b/x^{0.5}$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9551023907	0.9503763266	0.0761879084	425.45801728

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.06539713	0.020906004	-3.12815051	-0.10900629	-0.02178797
b	7.614050539	0.369136848	20.62663369	6.844044568	8.384056511

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Zone 2 Ethylbenzene

$$a := \left[\int_{28}^{73} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 Ethylbenzene

$$j := \left[\int_{5292.37}^{5731.7} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 0.444$ $d = 0.662$ $g = 0.635$ $j = 0.141$

$b = 0.667$ $e = 0.301$ $h = 0.843$ $k = 0.232$

$c = 0.95$ $f = 1.285$ $i = 0.471$

$a + b + c + d + e + f + g + h + i + j + k = 6.631$

Zone 2 Ethylbenzene

$$a := \left[\int_{6614.12}^{8051.4} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} -0.065397128 + \frac{7.614050539}{x^{0.5}} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 0.286 \quad d = 0.085$

$b = 0.073 \quad e = 0.124$

$c = 6.647 \cdot 10^{-3}$

$6.631 + a + b + c + d + e = 7.206$

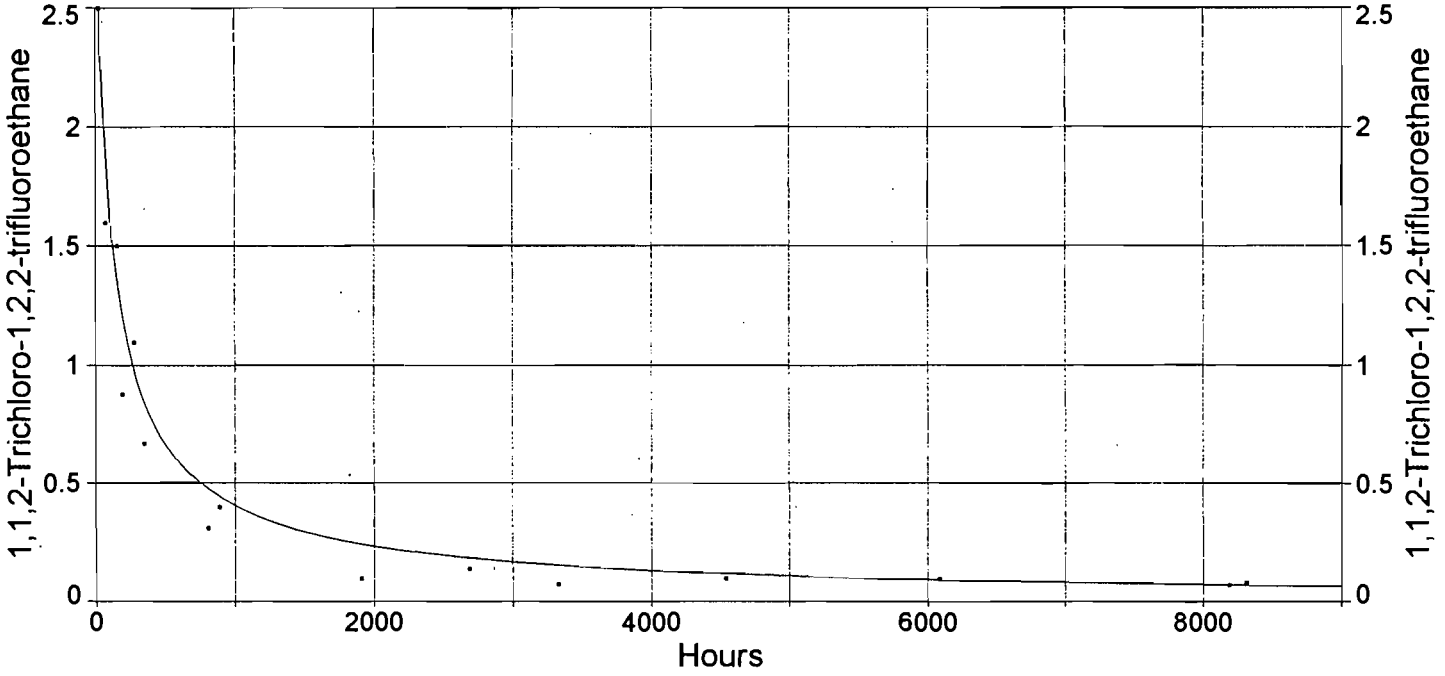
Zone 2

Rank 4 Eqn 53 $y^{-1}=a+bx/lnx$

$r^2=0.95980882$ DF Adj $r^2=0.95311029$ FitStdErr=0.15365111 Fstat=310.45404

a=0.28031702

b=0.015083551



Rank 4 Eqn 53 $y^{-1}=a+bx/lnx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9598088186	0.9531102884	0.1536511110	310.45404031

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.280317018	0.034087102	8.223550809	0.206676310	0.353957725
b	0.015083551	0.002006534	7.517217295	0.010748698	0.019418403

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Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$a := \left[\int_{28}^{73} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 1.608$	$d = 2.816$	$g = 2.521$	$j = 0.674$
$b = 2.831$	$e = 1.248$	$h = 3.468$	$k = 1.188$
$c = 4.16$	$f = 5.167$	$i = 2.102$	

$a + b + c + d + e + f + g + h + i + j + k = 27.784$

Zone 2 1,1,2-Trichloro-1,2,2-trifluoroethane (F113)

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.280317018 + 0.015083551 \cdot \frac{x}{\ln(x)}} dx \cdot \left(\frac{187.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 1.686$ $\quad$ $d = 0.648$

$b = 0.499$ $\quad$ $e = 1.153$

$c = 0.047$

$27.784 + a + b + c + d + e = 31.817$

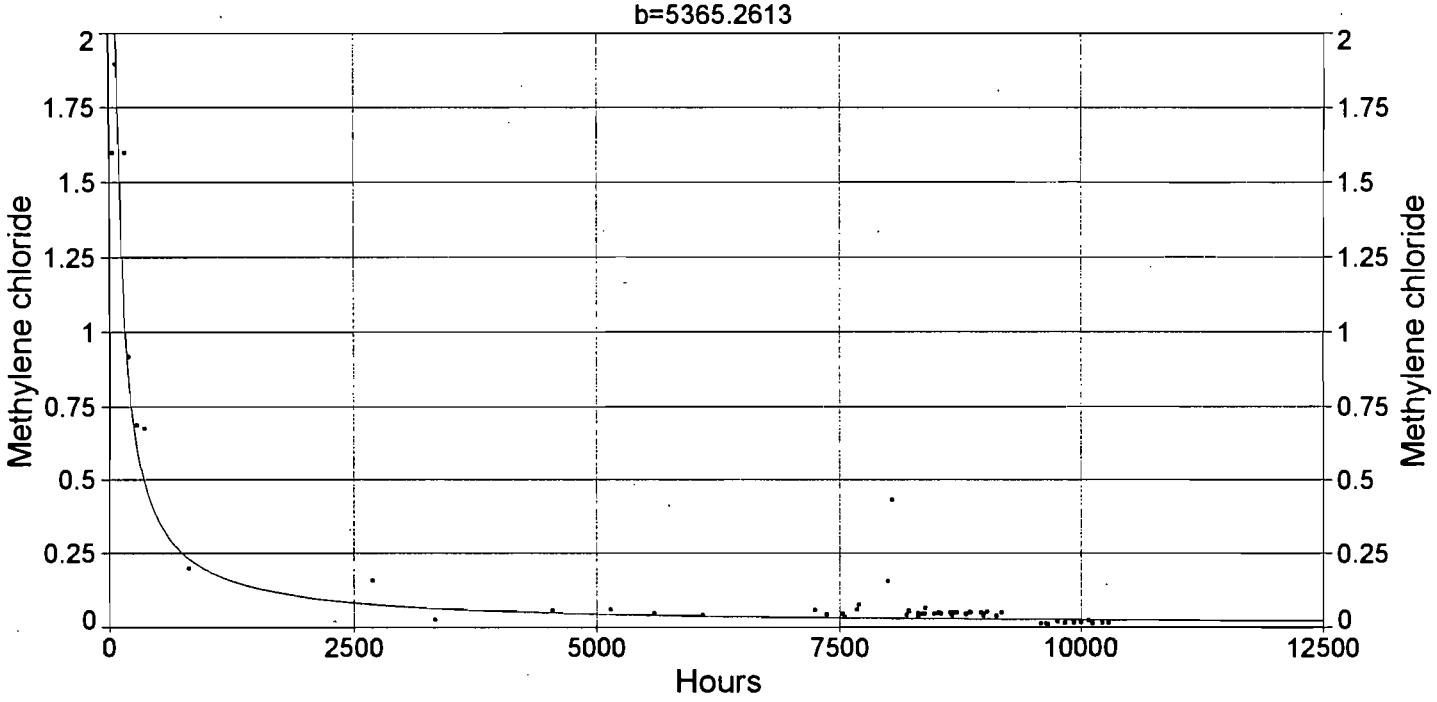
Zone 2

Rank 11 Eqn 103 $y^2=a+b\ln x/x^2$

$r^2=0.94339199$ DF Adj $r^2=0.94133351$ FitStdErr=0.083713691 Fstat=933.25923

a=0.00017248535

b=5365.2613



Rank 11 Eqn 103 $y^2=a+b\ln x/x^2$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9433919866	0.9413335133	0.0837136908	933.25923366

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.000172485	0.000331522	0.520283212	-0.00049163	0.000836604
b	5365.261325	170.7927019	31.41387930	5023.122430	5707.400220

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Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{28}^{73} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$a = 1.191 \quad d = 0.77$

$b = 1.29 \quad e = 0.319$

$c = 1.353$

$a + b + c + d + e = 4.924$

Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{886.25}^{1910.22} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$b := \left[\int_{1910.22}^{2687.813} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$c := \left[\int_{2687.813}^{4161.74} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$d := \left[\int_{4161.74}^{5292.37} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$e := \left[\int_{5292.37}^{5731.7} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$f := \left[\int_{5731.7}^{6614.12} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 1.222$ $\quad e = 0.143$

$b = 0.557$ $\quad f = 0.252$

$c = 0.744$

$d = 0.445$

$4.924 + a + b + c + d + e + f = 8.286$

Zone 2 Methylene chloride (DCM)

$$a := \left[\int_{6614.12}^{8051.4} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \sqrt{0.00017248535 + 5365.261325 \cdot \frac{\ln(x)}{x^2}}\, dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 0.361$ $\quad e = 0.256$

$b = 0.108$

$c = 0.01$

$d = 0.141$

$8.286 + a + b + c + d + e = 9.162$

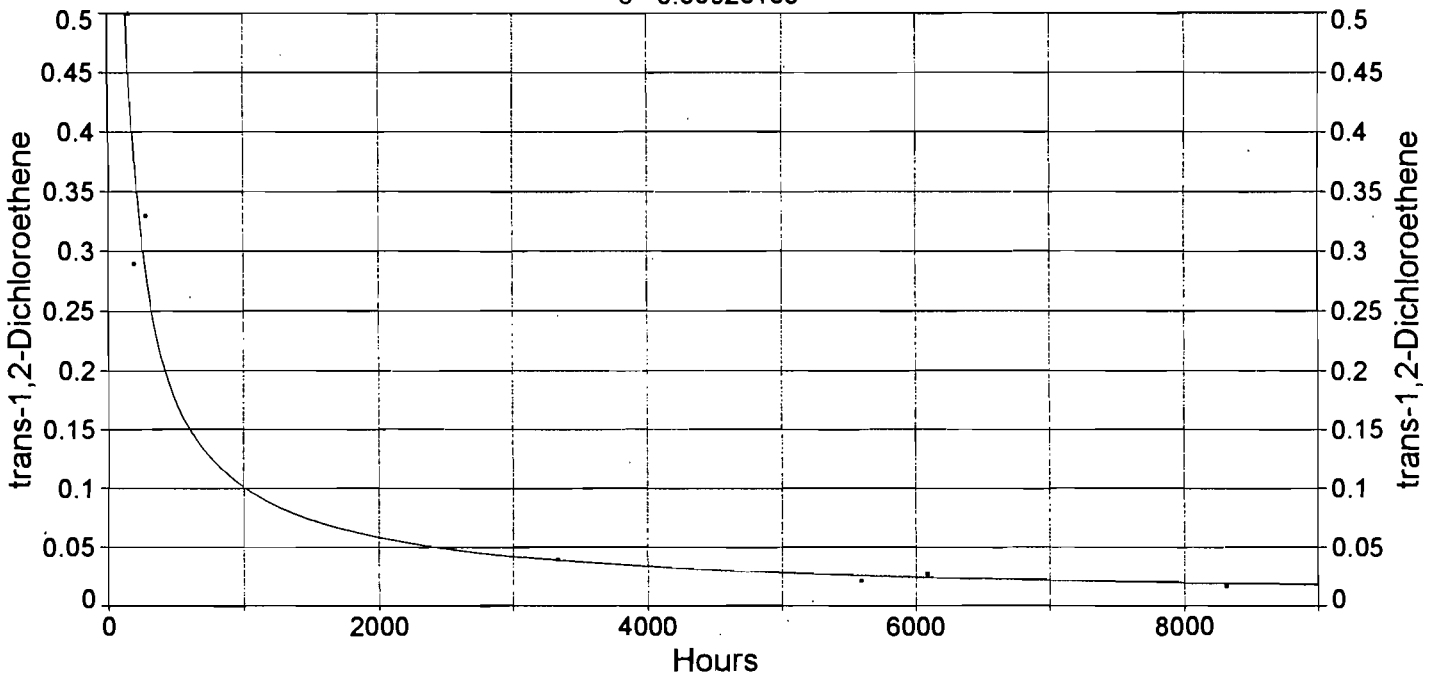
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.94319258 DF Adj r^2=0.88638516 FitStdErr=0.057286865 Fstat=33.206669

a=0.001594326 b=26.703593

c=-0.80923138



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9431925805	0.8863851611	0.0572868651	33.206668761

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.001594326	0.059913980	0.026610249	-0.16475355	0.167942202
b	26.70359305	67.94406158	0.393023208	-161.939364	215.3465501
c	-0.80923138	0.512210596	-1.57988020	-2.23135598	0.612893220

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Zone 2 trans-1,2-Dichloroethene

$$a := \left[\int_{28}^{73} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

Zone 2 trans-1,2-Dichloroethene

$$j := \left[\int_{5292.37}^{5731.7} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 0.462$	$d = 0.378$	$g = 0.326$	$j = 0.092$
$b = 0.538$	$e = 0.163$	$h = 0.457$	$k = 0.165$
$c = 0.617$	$f = 0.664$	$i = 0.284$	

$a + b + c + d + e + f + g + h + i + j + k = 4.145$

Zone 2 trans-1,2-Dichloroethene

$$a := \left[\int_{6614.12}^{8051.4} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} 0.001594326 + 26.70359305 \cdot x^{-0.80923138} dx \cdot \left(\frac{96.94}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 0.238$ $\quad$ $d = 0.094$

$b = 0.072$ $\quad$ $e = 0.169$

$c = 6.829 \cdot 10^{-3}$

$4.145 + a + b + c + d + e = 4.724$

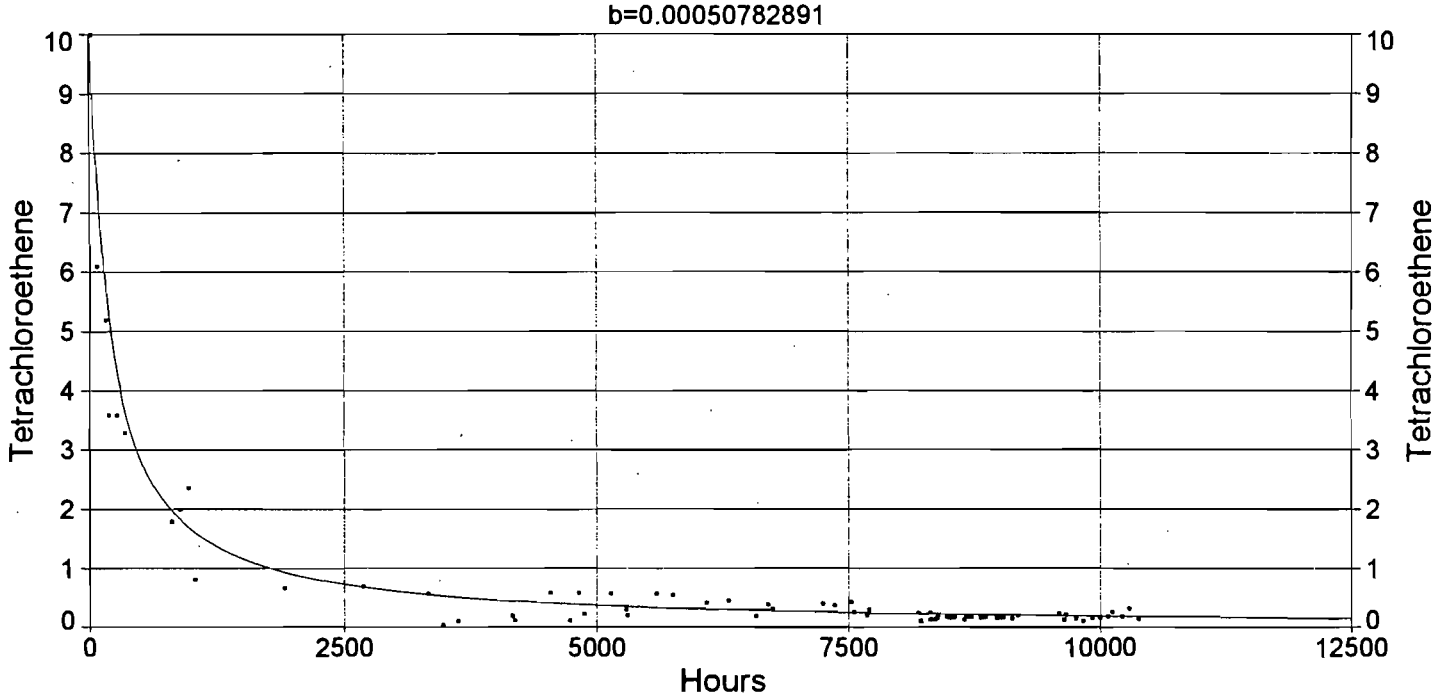
Zone 2

Rank 8 Eqn 43 $y^{-1}=a+bx$

r^2=0.95025998 DF Adj r^2=0.94895103 FitStdErr=0.34129872 Fstat=1471.0491

a=0.093764861

b=0.00050782891



Rank 8 Eqn 43 $y^{-1}=a+bx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9502599756	0.9489510276	0.3412987249	1471.0490999

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.093764861	0.003480220	26.94222353	0.086834858	0.100694864
b	0.000507829	3.17844e-05	15.97731572	0.000444538	0.000571120

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Zone 2 Tetrachloroethene (PCE)

$$a := \left[\int_{28}^{73} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 Tetrachloroethene (PCE)

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$a = 5.626$ $d = 10.618$ $g = 8.432$ $j = 2.049$

$b = 10.655$ $e = 4.605$ $h = 11.124$ $k = 3.567$

$c = 16.019$ $f = 18.257$ $i = 6.499$

$a + b + c + d + e + f + g + h + i + j + k = 97.451$

Zone 2 Tetrachloroethene (PCE)

$$a := \left[\int_{6614.12}^{8051.4} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$b := \left[\int_{8051.4}^{8502.47} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{8502.47}^{8549.34} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$d := \left[\int_{8549.34}^{9179.06} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$e := \left[\int_{9179.06}^{10380.04} \frac{1}{0.093764861 + 0.00050782891 \cdot x} dx \cdot \left(\frac{165.83}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 4.969$ $\quad d = 1.87$

$b = 1.451$ $\quad e = 3.295$

$c = 0.138$

$97.451 + a + b + c + d + e = 109.174$

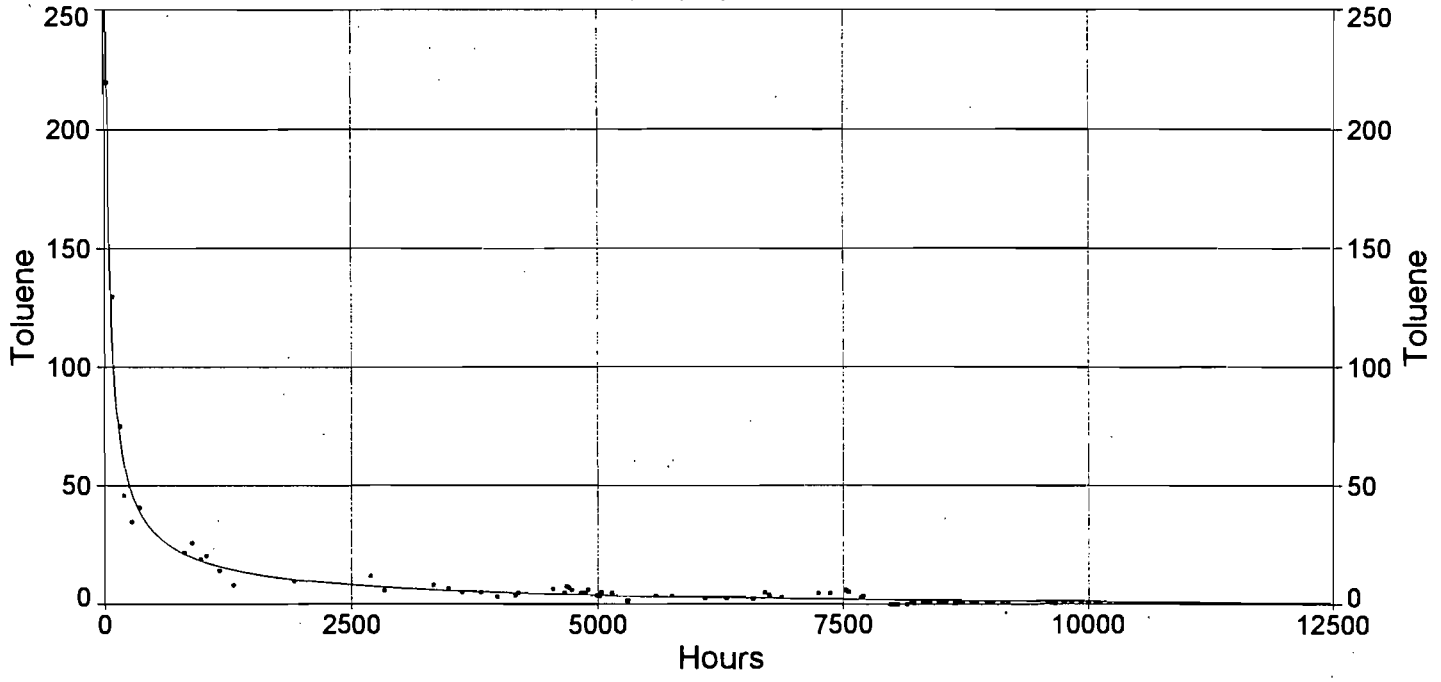
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.98856204 DF Adj r^2=0.9882046 FitStdErr=2.8991927 Fstat=4191.7659

a=-3.5359096 b=2041.2885

c=-0.65945756



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9885620380	0.9882046017	2.8991926801	4191.7658763

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-3.53590957	0.612044151	-5.77721323	-4.75064779	-2.32117135
b	2041.288539	108.2919530	18.84986356	1826.358989	2256.218090
c	-0.65945756	0.014334847	-46.0038094	-0.68790827	-0.63100686

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Zone 2 Toluene

$$a := \left[\int_{28}^{73} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

$$j := \left[\int_{5292.37}^{5731.7} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920\right]$$

$$k := \left[\int_{5731.7}^{6614.12} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840\right]$$

Zone 2 Toluene

$$l := \left[\int_{6614.12}^{8051.4} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} -3.53590957 + 2041.288539 \cdot x^{-0.65945756} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 58.18$	$d = 62.365$	$g = 52.284$	$j = 11.285$	$m = 6.195$	$p = 11.446$
$b = 76.523$	$e = 27.288$	$h = 67.852$	$k = 18.724$	$n = 0.57$	
$c = 96.773$	$f = 110.976$	$i = 37.553$	$l = 23.55$	$o = 7.417$	

$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p = 668.98$

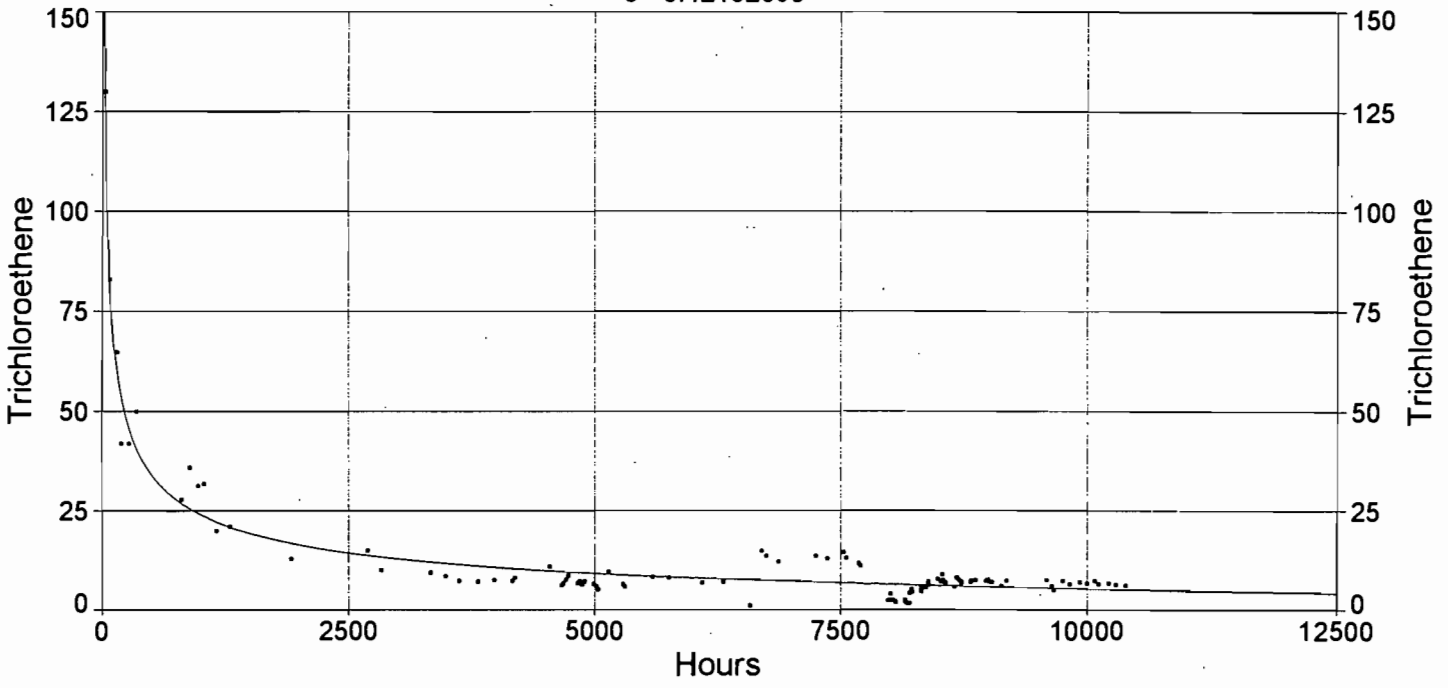
Zone 2

Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2=0.97174663 DF Adj r^2=0.97068713 FitStdErr=3.1502114 Fstat=1392.9575

a=-6.040368 b=551.73165

c=-0.42132698



Rank 1 Eqn 8010 [Power] $y=a+bx^c$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9717466330	0.9706871317	3.1502114273	1392.9574688

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-6.04036800	1.704630512	-3.54350574	-9.43204802	-2.64868799
b	551.7316506	41.45843394	13.30806782	469.2423715	634.2209296
c	-0.42132698	0.021378550	-19.7079312	-0.46386359	-0.37879038

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Zone 2 Trichloroethene

$$a := \left[\int_{28}^{73} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220\right]$$

$$b := \left[\int_{73}^{191} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960\right]$$

$$c := \left[\int_{191}^{457.75} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880\right]$$

$$d := \left[\int_{457.75}^{726.25} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540\right]$$

$$e := \left[\int_{726.25}^{886.25} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200\right]$$

$$f := \left[\int_{886.25}^{1910.22} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701\right]$$

$$g := \left[\int_{1910.22}^{2687.813} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100\right]$$

$$h := \left[\int_{2687.813}^{4161.74} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280\right]$$

$$i := \left[\int_{4161.74}^{5292.37} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780\right]$$

$$j := \left[\int_{5292.37}^{5731.7} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920\right]$$

$$k := \left[\int_{5731.7}^{6614.12} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840\right]$$

Zone 2 Trichloroethene

$$l := \left[\int_{6614.12}^{8051.4} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} -6.04036800 + 551.7316506 \cdot x^{-0.42132698} dx \cdot \left(\frac{131.39}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 54.097$	$d = 103.878$	$g = 126.821$	$j = 40.365$	$m = 31.072$	$p = 72.034$
$b = 88.561$	$e = 49.26$	$h = 190.016$	$k = 72.164$	$n = 2.959$	
$c = 138.157$	$f = 228.872$	$i = 122.705$	$l = 104.133$	$o = 40.437$	

$$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p = 1.466 \cdot 10^{3}$$

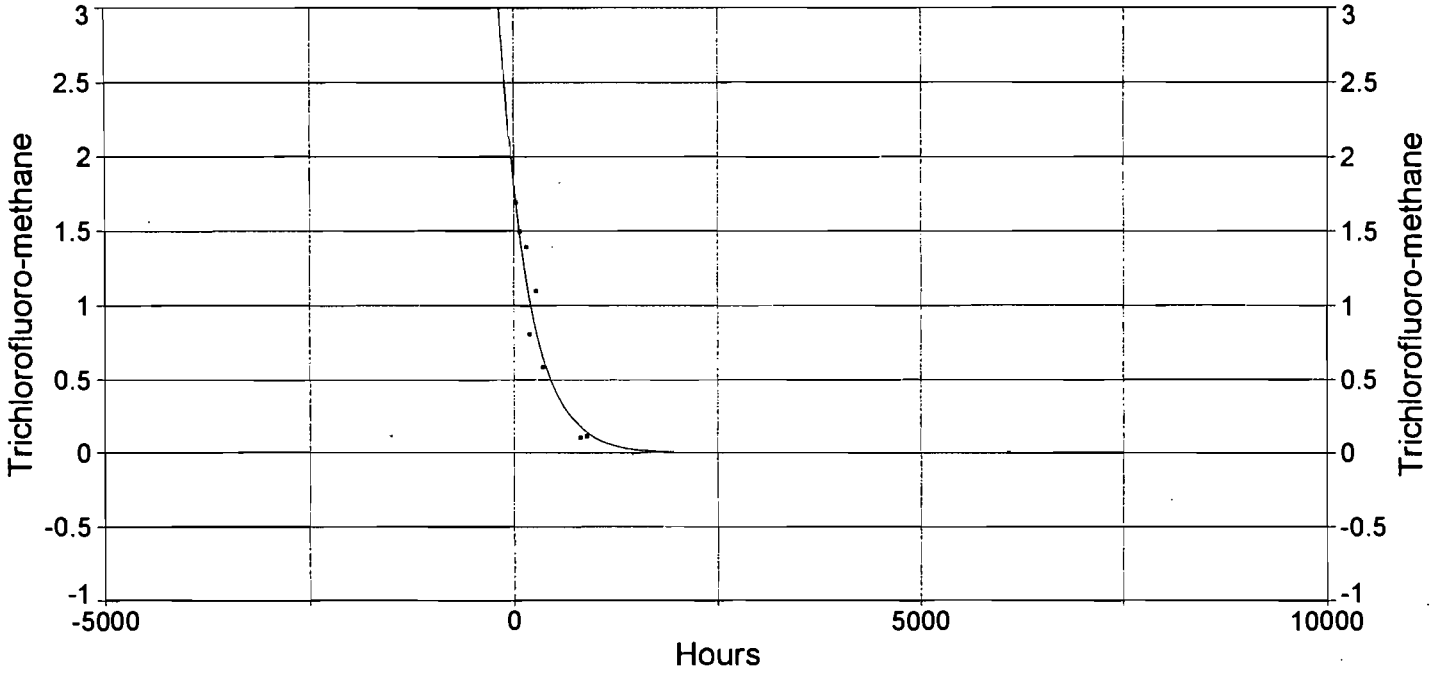
Zone 2

Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2=0.94199332 DF Adj r^2=0.92265776 FitStdErr=0.16684952 Fstat=113.67575

a=1.8741213

b=347.97141



Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9419933180	0.9226577573	0.1668495192	113.67575239

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	1.874121288	0.154419090	12.13659071	1.508978165	2.239264412
b	347.9714072	61.14169636	5.691229192	203.3942694	492.5485449

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Zone 2 Trichlorofluoromethane

$$a := \left[\int_{886.25}^{1910.22} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$b := \left[\int_{1910.22}^{2687.813} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$c := \left[\int_{2687.813}^{6614.12} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32205 \right]$$

$$d := \left[\int_{6614.12}^{8051.4} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$e := \left[\int_{8051.4}^{8502.47} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$a = 0.558$ $\quad$ $d = 3.917 \cdot 10^{-8}$

$b = 0.027$ $\quad$ $e = 4.882 \cdot 10^{-10}$

$c = 3.273 \cdot 10^{-3}$

$6.85 + a + b + c + d + e = 7.438$

Zone 2 Trichlorofluoromethane

$$a := \left[\int_{8502.47}^{8549.34} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$b := \left[\int_{8549.34}^{9179.06} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$c := \left[\int_{9179.06}^{10380.04} 1.874121288 \cdot e^{\frac{-x}{347.9714072}} dx \cdot \left(\frac{138.37}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 2.176 \cdot 10^{-11}$

$b = 1.326 \cdot 10^{-10}$

$c = 2.556 \cdot 10^{-11}$

$7.438 + a + b + c = 7.438$

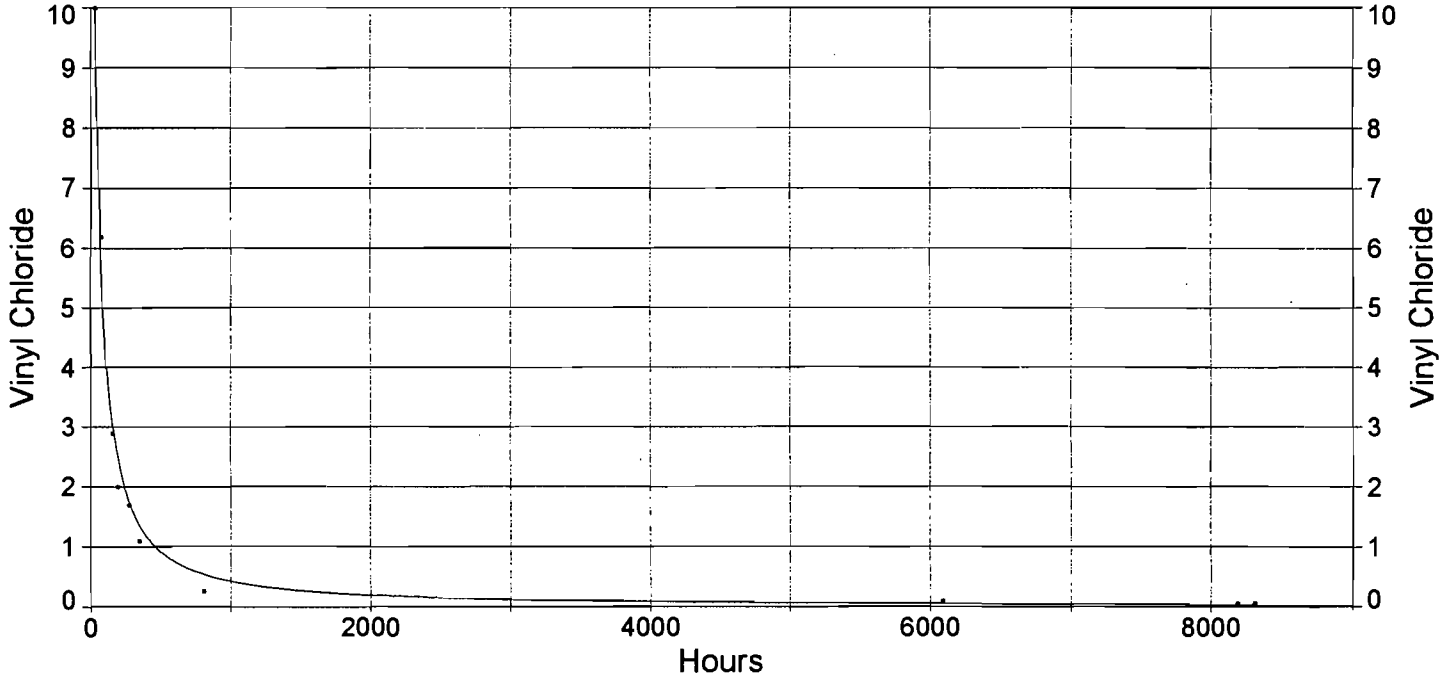
Zone 2

Rank 3 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.99395901$ DF Adj $r^2=0.99223301$ FitStdErr=0.26850189 Fstat=1316.2863

a=0.068460807

b=0.00032664578



Rank 3 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9939590103	0.9922330132	0.2685018906	1316.2863081

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.068460807	0.003927814	17.42974795	0.059403252	0.077518362
b	0.000326646	2.36618e-05	13.80474862	0.000272081	0.000381210

Date	Time	File Source
Aug 5, 1999	2:51:26 PM	C:\TCWIN4\CLIPBRD.WK1

Zone 2 Vinyl Chloride

$$a := \left[\int_{28}^{73} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

Zone 2 Vinyl Chloride

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

$$l := \left[\int_{6614.12}^{8051.4} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} \frac{1}{0.068460807 + 0.00032664578 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 1.935$	$f = 1.67$	$k = 0.246$	$o = 0.123$
$b = 2.41$	$g = 0.684$	$l = 0.335$	$p = 0.214$
$c = 2.382$	$h = 0.842$	$m = 0.096$	
$d = 1.223$	$i = 0.466$	$n = 9.072 \cdot 10^{-3}$	
$e = 0.478$	$j = 0.143$		

$$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p = 13.254$$

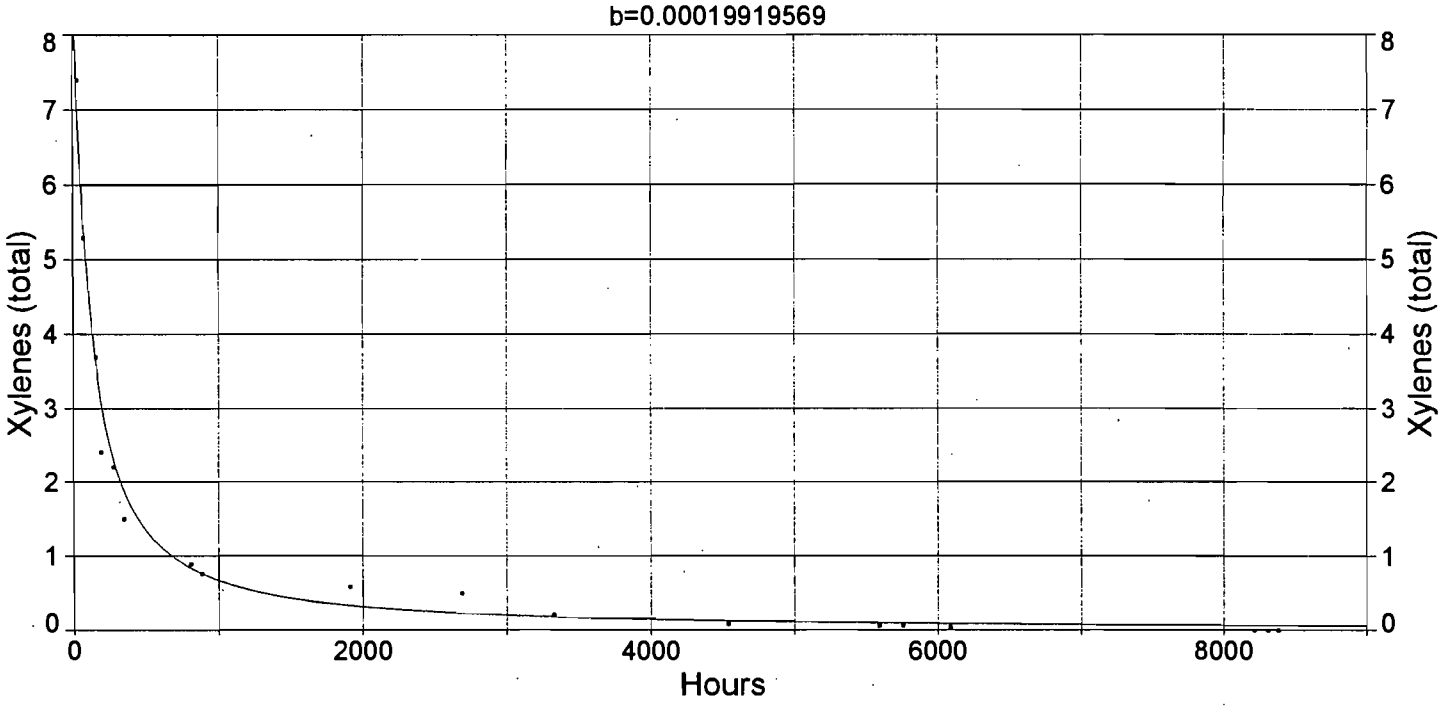
Zone 2

Rank 2 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.98743392$ DF Adj $r^2=0.98575844$ FitStdErr=0.24213007 Fstat=1257.2688

a=0.1193884

b=0.00019919569



Rank 2 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9874339178	0.9857584402	0.2421300696	1257.2687690

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.119388401	0.004713060	25.33139999	0.109397161	0.129379641
b	0.000199196	1.46777e-05	13.57130913	0.000168080	0.000230311

Date	Time	File Source
Aug 5, 1999	3:28:54 PM	C:\TCWIN4\CLIPBRD.WK1

Zone 2 Xylenes (total)

$$a := \left[\int_{28}^{73} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35220 \right]$$

$$b := \left[\int_{73}^{191} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33960 \right]$$

$$c := \left[\int_{191}^{457.75} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 35880 \right]$$

$$d := \left[\int_{457.75}^{726.25} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 36540 \right]$$

$$e := \left[\int_{726.25}^{886.25} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 34200 \right]$$

$$f := \left[\int_{886.25}^{1910.22} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32701 \right]$$

$$g := \left[\int_{1910.22}^{2687.813} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32100 \right]$$

$$h := \left[\int_{2687.813}^{4161.74} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$i := \left[\int_{4161.74}^{5292.37} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33780 \right]$$

$$j := \left[\int_{5292.37}^{5731.7} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31920 \right]$$

$$k := \left[\int_{5731.7}^{6614.12} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30840 \right]$$

Zone 2 Xylenes (total)

$$l := \left[\int_{6614.12}^{8051.4} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 31140 \right]$$

$$m := \left[\int_{8051.4}^{8502.47} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$n := \left[\int_{8502.47}^{8549.34} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 30720 \right]$$

$$o := \left[\int_{8549.34}^{9179.06} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32280 \right]$$

$$p := \left[\int_{9179.06}^{10380.04} \frac{1}{0.119388401 + 0.00019919569 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{106.17}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32820 \right]$$

$a = 2.711$	$d = 3.093$	$g = 1.863$	$j = 0.396$	$m = 0.266$	$p = 0.593$
$b = 4.475$	$e = 1.244$	$h = 2.311$	$k = 0.68$	$n = 0.025$	
$c = 5.48$	$f = 4.464$	$i = 1.285$	$l = 0.926$	$o = 0.34$	

$a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p = 30.152$

Date	Source	Running Hours	Average CFM	Vinyl Chloride	lbs./cu. Ft.	lbs./hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs./cu. Ft.	lbs./hour removed	Acetone	lbs./cu. Ft.	lbs./hour removed	Methylene chloride	lbs./cu. Ft.	lbs./hour removed	cis-1,2-Dichloroethene	lbs./cu. Ft.	lbs./hour removed	2-Butanone	lbs./cu. Ft.
18-Dec-97	Summa	13	571	8.000	1.274E-06	0.04	0.330	1.576E-07	0.01	3.300	4.884E-07	0.02	0.250	5.410E-08	0.00	33.000	8.151E-06	0.28	5.900	1.084E-06
22-Dec-97	Summa	56.5	571	1.400	2.230E-07	0.01	0.130	6.207E-08	0.00				0.240	5.194E-08	0.00	11.000	2.717E-06	0.09		
29-Dec-97	Summa	137.5	545	0.490	7.804E-08	0.00	0.100	4.775E-08	0.00	0.440	6.512E-08	0.00	0.160	3.463E-08	0.00	4.300	1.062E-06	0.03		
5-Jan-98	Summa	172.5	545	0.400	6.370E-08	0.00	0.100	4.775E-08	0.00	0.950	1.406E-07	0.00	0.130	2.813E-08	0.00	3.200	7.904E-07	0.03	0.640	1.176E-07
12-Jan-98	Summa	255.5	555	0.230	3.663E-08	0.00	0.092	4.393E-08	0.00	0.590	8.732E-08	0.00	0.064	1.385E-08	0.00	2.400	5.928E-07	0.02		
19-Jan-98	Summa	333.5	555	0.140	2.230E-08	0.00	0.047	2.244E-08	0.00	0.590	8.732E-08	0.00	0.015	3.246E-09	0.00	1.300	3.211E-07	0.01	0.280	5.145E-08
12-Mar-98	Summa	786.25	578	0.130	2.070E-08	0.00	0.050	2.387E-08	0.00	0.063	9.324E-09	0.00				0.770	1.902E-07	0.01	0.053	9.738E-09
19-Mar-98	GC	795.8	556																	
20-Mar-98	GC	808.3	556																	
25-Mar-98	Summa	863.75	555	0.130	2.070E-08	0.00	0.042	2.005E-08	0.00							0.750	1.853E-07	0.01		
13-Apr-98	GC	953.8	539																	
22-May-98	Summa	1095.8	541	0.023	3.663E-09	0.00	0.017	8.117E-09	0.00	0.69	1.021E-07	0.00				0.16	3.952E-08	0.00	1.3	2.389E-07
21-Jul-98	GC	1109.82	540													0.158	3.903E-08	0.00		
21-Jul-98	Summa	1109.82	540	0.017	2.707E-09	0.00				0.055	8.140E-09	0.00				0.12	2.964E-08	0.00	0.14	2.572E-08
15-Oct-98	Summa	1194.75	564	0.021	3.344E-09	0.00	0.015			0.011	1.628E-09	0.00				0.2	4.940E-08	0.00		
15-Oct-98	GC	1194.75	564										0.012	2.597E-09	0.00	0.161	3.977E-08	0.00		
17-Feb-99	GC	1204.22	548													0.159	3.927E-08	0.00		
11-May-99	GC	1228.07	548													0.084	2.075E-08	0.00		
19-Jul-99	end	1229.19	548																	

1194.75 → 1229.19 32 880

18 Dec 97 – 19 Jul 99 Zone 1 = 143.603 lbs
SNL Meth = 173.78
Mound Step 143.72

Z1 + Z2 = 2867 lbs.

Z1n xls

lbs./hour removed	Chloroform	lbs./cu. Ft.	lbs./hour removed	Carbon tetrachloride	lbs./cu. Ft.	lbs./hour removed	Benzene	lbs./cu. Ft.	lbs./hour removed	Trichloroethene	lbs./cu. Ft.	lbs./hour removed	Toluene	lbs./cu. Ft.	lbs./hour removed	Tetrachloroethene	lbs./cu. Ft.	lbs./hour removed	Ethylbenzene
0.04	0.150	4.563E-08	0.00				0.580	1.155E-07	0.00	16.000	5.357E-06	0.18	42.000	9.862E-06	0.34	8.300	3.507E-06	0.12	
0.00			0.00				0.220	4.379E-08	0.00	8.600	2.879E-06	0.10	28.000	6.575E-06	0.23	6.100	2.578E-06	0.09	
0.00	0.050	1.521E-08	0.00				0.091	1.811E-08	0.00	4.600	1.540E-06	0.05	19.000	4.461E-06	0.15	5.400	2.282E-06	0.07	0.046
0.00	0.051	1.551E-08	0.00				0.056	1.115E-08	0.00	3.900	1.306E-06	0.04	17.000	3.992E-06	0.13	5.200	2.197E-06	0.07	0.044
0.00	0.055	1.673E-08	0.00				0.026	5.175E-09	0.00	2.200	7.365E-07	0.02	8.800	2.066E-06	0.07	3.500	1.479E-06	0.05	0.028
0.00	0.055	1.673E-08	0.00				0.017	3.384E-09	0.00	1.600	5.357E-07	0.02	3.200	7.514E-07	0.03	1.800	7.606E-07	0.03	0.016
0.00	0.037	1.126E-08	0.00	0.023	9.016E-09	0.00	0.0056	1.115E-09	0.00	0.930	3.114E-07	0.01	0.062	1.456E-08	0.00	0.430	1.817E-07	0.01	
													5.160	1.212E-06	0.04				
										3.980	1.332E-06	0.04	4.960	1.165E-06	0.04				
	0.031	9.430E-09	0.00	0.022	8.624E-09	0.00	0.0067	1.334E-09	0.00	0.930	3.114E-07	0.01	0.053	1.244E-08	0.00	0.410	1.732E-07	0.01	0.000
										2.570	8.604E-07	0.03							
0.01	0.007	2.129E-09	0.00	0.012	4.704E-09	0.00				0.3	1.004E-07	0.00	0.048	1.127E-08	0.00	0.26	1.099E-07	0.00	0.004
										0.366	1.225E-07	0.00	0.016	3.757E-09	0.00	0.216	9.127E-08	0.00	
0.00	0.005	1.521E-09	0.00				0.002	3.981E-10	0.00	0.27	9.039E-08	0.00	0.036	8.453E-09	0.00	0.18	7.606E-08	0.00	0.001
	0.013	3.954E-09	0.00	0.013	5.096E-09	0.00	0.003	5.972E-10	0.00	0.43	1.440E-07	0.00	0.044	1.033E-08	0.00	0.32	1.352E-07	0.00	
							0.006	1.194E-09	0.00	0.385	1.289E-07	0.00	0.057	1.338E-08	0.00	0.27	1.141E-07	0.00	0.056
							0.003	5.972E-10	0.00	0.237	7.935E-08	0.00	0.014	3.287E-09	0.00	0.175	7.395E-08	0.00	
										0.229	7.667E-08	0.00	0.011	2.583E-09	0.00	0.102	4.310E-08	0.00	

lbs./cu. Ft.	lbs./hour removed	Xylenes (total)	lbs./cu. Ft.	lbs./hour removed	total lbs./hr. removed	step est. lbs removed	low est. lbs removed	high est. lbs. removed	high/low average
		0.230	6.222E-08	0.00	1.03	22.4727548	0	44.9455096	22.4727548
		0.130	3.517E-08	0.00	0.52	32.34082	22.5996091	42.0820308	32.34082
1.244E-08	0.00	0.180	4.870E-08	0.00	0.32	18.3311114	25.6003452	11.0618776	18.3311114
1.190E-08	0.00	0.160	4.328E-08	0.00	0.29	16.9097215	10.0311907	23.7882523	16.9097215
7.575E-09	0.00	0.083	2.245E-08	0.00	0.17	13.6933901	14.1186507	13.2681295	13.6933901
4.328E-09	0.00	0.074	2.002E-08	0.00	0.09	22.9779397	6.75312469	39.1984257	22.9757752
					0.03	7.11555819	12.1499867	2.07978789	7.11488729
					0.04				
					0.08				
0.000E+00	0.00				0.02	3.7815277	1.8938184	5.67045882	3.78213861
					0.03				
1.082E-09	0.00				0.02	2.32346651	4.64793452	0	2.32396726
					0.01	0.96436455	1.29707032	0	0.64853516
2.705E-10	0.00	0.005	1.353E-09	0.00	0.01	0.91953041	0.11113635	0	0.05556817
		0.002	5.411E-10	0.00	0.01	1.36987989	1.00296465	1	1.00148232
1.515E-08	0.00				0.01				
					0.01	0.10761207	0.06116965	0.1540545	0.10761207
					0.00	0.05610834	0.11221667	0.00526971	0.05874319
					SUM=	143.200065	100.205831	183.094472	141.650152

3/31/98	7:35	1	29.77	88	67	216	0.8	0	-10.1	213	-17.5	-14.4	-13.6	-12	22930	4075	556
4/1/98	7:30	1	29.78	76	49	204	0.8	0	-10.25	200	-17.4	-14.4	-13.6	-12.3	23152	4000	545
4/2/98	15:50	1	29.98	82	55	210	0.8	0	-10.4	209	-17.6	-14.6	-13.6	-12	23175	4025	549
4/7/98	9:00	1															
4/8/98	15:50	1		91		216	0.77	0	-10	212	-17.2	-13.9	-13	-11.8	23770	3950	539
4/9/98	15:30	1															
4/13/98	7:45	1	30.05	74	54	206	0.775	0	-10.75	196	-17.8	-14.6	-13.9	-12.5	27517	3950	539
4/14/98	15:44	1	29.77	87	65	215	0.78	0	-10.6	209	-17.7	-14.5	-13.6	-12	27563	4000	545
4/15/98	15:45	1	29.81	82	59	206	0.78	0	-10.4	204	-17.5	-14	-13.1	-11.5	27563	3975	542
4/16/98	15:55	1	29.6	92	71	220	0.78	0	-10.25	214	-17.5	-14.1	-13.25	-12	31557	4050	552
4/17/98	15:51	1	30.05	80	54	220	0.72	0	-11.6	202	-18.5	-15.25	-14.4	-12.9	32567	3850	525
4/18/98	15:35	1	30.12	87	63	220	0.77	0	-11	209	-18.1	-14.7	-13.9	-12.5	34283	3950	539
4/20/98	15:35	1	30.12	87	63	220	0.77	0	-11	209	-18.1	-14.7	-13.9	-12.5	34283	3950	539
4/21/98	7:30	1	30.07	70	47	205	0.75	0	-11.2	190	-18.2	-14.7	-13.8	-12.5	34472	3875	528
4/22/98	15:30	1	29.95	84	50	212	0.78	0	-10.7	204	-17.8	-14.3	-13.4	-11.9	34732	4000	545
4/23/98	15:40	1	2993	86	62	214	0.78	0	-10.5	208	-17.7	-14	-13.1	-11.5	34871	4000	545
4/27/98	7:50	1	30.19	73	40	200	0.83	0	-10.3	194	-17.5	-13.6	-12.75	-11.5	35244	4050	552
4/28/98	15:58	1	30.28	90	65	206	0.88	0	-9.75	213	-17.1	-13.9	-13.2	-11.8	35321	4200	573
4/28/98	17:07	1	30.27	90	65	216	0.8	0	-10.5	215	-17.6	-14.6	-13.9	-12.6	35321	4050	552
4/29/98	7:30	1	30.16	77	54	207	0.8	0	-10.7	202	-17.75	-14.7	-14	-12.75	35321	4025	549
4/30/98	7:50	1	30.01	80	57	212	0.78	0	-10.6	206	-17.6	-14.7	-13.9	-12.7	35802	3975	542
5/1/98	15:50	1	29.63	85	62	214	0.77	0	-10.3	209	-17.4	-14.5	-13.75	-12.5	38397	3975	542
5/4/98	7:50	1	29.72	72	49	203	0.76	0	-10.7	193	-17.6	-14.6	-13.9	-12.6	39012	3925	535
5/6/98	6:55	1	29.91	73	54	203	0.77	0	-10.7	194	-17.6	-14.7	-13.9	-12.6	39152	3950	539
5/7/98	7:50	1	29.69	84	62	212	0.78	0	-10.4	206	-17.4	-14.6	-13.8	-12.5	39175	4000	545
5/7/98	13:05	1															
5/22/98	15:40	1	29.92	90	66	230	0.75	0	-11	220	-18	-13.8	-13	-11.5	46250	3970	541
7/20/98	13:04	1	30.05	100	78	244	0.71	0	-11.6	231	-18.65	-12.75	-11.8	-10.6	58755	3875	528
7/21/98	11:45	1	30.07	110	87	250	0.7	0	-11.5	239	-18.7	-12.4	-11.5	-10.1	58755	3875	528
7/21/98	14:33	1	30.05	114	91	242	0.78	0	-10.5	242	-18	-11.3	-10.4	-9.1	58755	4050	552
07/29/98	7:00	1	29.97	90	68	218	0.8	0	-10.4	214	-17.6	-12.2	-11.5	-10.2	59521	4100	559
8/3/98	15:08	1															560
10/13/98	7:30	1	30.06	78	51	196	0.95	0	-9.4	209	-17.6	-17.9	-17	-15.2	60434	4340	592
10/13/98	15:50	1	29.99	96	66	208	0.98	0	-9.1	228	-17.4	-17.8	-16.9	-15.1	60434	4475	610
10/14/98	7:00	1	30.07	76	39	194	0.94	0	-9.5	206	-17.5	-17.8	-17	-15.1	60434	4300	586
10/14/98	14:40	1	30.06	88	58	200	0.95	0	-9.2	218	-17.4	-17.8	-16.9	-15.1	60434	4350	593
10/15/98	8:40	1	30.21	74	46	192	0.94	0	-9.5	204	-17.5	-17.9	-17.1	-15.1	60434	4300	586
10/15/98	9:56	1	30.22	76	48	204	0.78	0	-11.2	204	-18.8	-19.2	-18.4	-16.8	60434	3950	539
10/15/98	12:35	1	30.25	81	54	210	0.82	0	-10.7	210	-18.5	-18.9	-18.1	-16.3	60434	4075	556
02/17/99	13:55	1	29.97	62	33	210	0.67	0	-12.8	176	-18.8	-15.3	-14.2	-12.5	106311	3700	505
05/11/99	8:00	1	30.13	84	58	210	0.78	0	-10.7	194	-18.1	-14.9	-14.1	-12.6	118971	3966	541
5/11/99	16:00	1	30.07	108	84	228	0.82	0	-10.1	220	-18	-14.8	-13.9	-12.5	118971	4125	562
5/20/99	10:35	1	30.27	84	66	161	1.65	0	-1.7	198	-12.9	-10.6	-9.5	-7.1	119546	5541	~~755~~

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Building 301 AS System Parameters

	AS:						
Date	Main Temp.	Mag.	Main Press.	Zone Press.	Calc. Flow	Flow	
(USA)	(°F)	("H_2O)	(psig)	(psig)	(Ft./Min.)	(CFM)	Notes
12/18/97	173	1.6	9	5.5	5550	272	sample 036967-001 taken on zone 1 @ 13:20
12/19/97	194	2.1	9.5	5.25	6400	314	Sys. Shut down at 8:00, tighten belts, replace bulb over carbon tanks, put bolts in uni, restart Zone 1 @ 12:30
12/22/97	190	2.15	9.5	5	6500	319	Sample 036970-001 taken on zone 1 @ 14:04
12/23/97	202	2	11.5	7.4	6300	309	Had to utilize AS bleed-off to building due to pressure relief pop-off valve actuation on zone switching
12/29/97		1.5	9.6	6	5500	270	AS Temp. gauge broken, Estimated temp., Sample 036972-001 taken on zone 1 @ 12:05
1/5/98		1.6	10	6.25	5600	275	AS Temp. gauge broken, Est. Temp. 185, Sample 036974-001 taken on zone 1 @ 12:15
1/5/98							System shut down, blowers greased, adjusted AS bypass valve, shut ED-N2 due to rain, replaced AS temp gauge
1/9/98	150	1.75	11	7.4	5700	280	
1/12/98	160	1.5	12	8.25	5300	260	Sample 036975-001 taken on zone 1 @ 14:05
1/13/98	150	1.55	12	8.75	5300	260	
1/14/98	155	1.45	12	8.5	5200	255	
1/15/98	159	1.4	12.1	8.75	5100	250	
1/16/98							System shut down, blowers greased & lubed, belts tightened, filters changed, strainer cleaned, pump primed
1/19/98	160	1.15	12.75	9.75	4650	228	Sample 036977-001 taken on zone 1 @ 14:05
1/27/98							System shut down for Sandia mods., restarted 1/28/98 14:30
1/29/98	183	0.5	14.5	11	3150	155	
1/30/98	183	0.6	14.75	11.5	3400	167	
2/2/98	197	0.5	14.9	11.25	3150	155	Opened AS-N1 & N3 to full open, Increased EW-N2 & N4 to compensate @ 8:20
2/3/98	190	0.4	14.9	11.6	2800	137	
2/4/98	176	0.35	14.8	12	2600	128	Snow & Freezing, precip. = 0.01" in last hour, system shut down at noon due to break through of contaminants
2/13/98							Carbon changed on 2/12/98 Zone 1 ran for 1 hour shut down at 14:40 leaking pump, restart @ 8:00 today
2/16/98							0.19" of rain for the day
2/17/98							0.34" of rain for the day
2/18/98							at 06:20 gal. pumped = 12,017, disconnected lines 3 & 4 from GC and purged them with argon, 0.43" of rain today
2/19/98							
2/23/98							Sample ports 3&4 on GC back-flushed with argon, shut down at noon, line contamination (argon)
2/27/98							System restart at 16:00 on 2/26, ran fron 13:30 to 14:00 on 2/25 shut down for stripper cleaning
3/2/98							
3/4/98							
3/5/98							
3/5/98							following rebalance of extraction wells with magnehelics
3/9/98							0.7" precip. Past 24 hrs., Sys. shutdown @ midnight - high K.O. tank level - pump lost prime, GC exhib. Memory
3/10/98							GC baked overnight
3/11/98							
3/12/98							SVE System shut down due to Air Stripper fouling
3/19/98							
3/20/98							Rain, 04:00 - 16:00 0.72"
3/22/98							
3/24/98							System shut down for tour for 30 min.
3/25/98							summa 036982-001 @ 06:06, system carbon chg. 07:30 - 15:55, chg. To Z2=6hr & Z1=2hr cycles, flow dir. Chg.
3/26/98							
3/27/98							
3/30/98							system power c or ports 3 & 4 readings approx. 1 hour before zone 1 readings

3/31/98							
4/1/98							0.53" of rain since 3/31 19:00 hrs
4/2/98							
4/7/98							System shut down for maint. Restarted at 15:30
4/8/98							Flow is based upon an estimated Bar. Press. of 30.00
4/9/98							High water level in K.O. tank, auto shut down, system left off for weekend
4/13/98							System restarted @ 02:00 hrs, GC #85 calib., GC #86 port 4, GC #87 port 3, GC #88 port 2, GC #89 port 1
4/14/98							
4/15/98							Sampling wells via Tedlar
4/16/98							2.7" rain in 24 hrs., auto-off @ 12:10, restarted @ 06:00 - 10:00 Z2 manual w/air makeup, 10:00 full on & auto
4/17/98	160	0.4	14.6	13	2750	135	following slight re-balance, re-balance postponed due to wet conditions, AS-N1 & N3 full on
4/18/98							
4/20/98							
4/21/98							
4/22/98							
4/23/98							
4/27/98							
4/28/98							Before Rebalance, carbon change
4/28/98							Following Rebalance
4/29/98							
4/30/98							Raining, ground saturated, 0.97"
5/1/98							
5/4/98							
5/6/98							
5/7/98							
5/7/98							System set to run on Zone 2 full time
5/22/98							
7/20/98							
7/21/98							
7/21/98							EW-N1, N4, & N6 set to 4" WC, EW-N5 at 0.2" WC, Following QTRLY Tedlar Sampling
7/29/98							
8/3/98	270	0.5	13.75	10	3300	162	
10/13/98							
10/13/98							
10/14/98							
10/14/98							
10/15/98							
10/15/98							
10/15/98							
02/17/99							Sampling wells via Tedlar. Ground condition are wet.
05/11/99							
05/11/99							
05/20/99					0	0	system set to run on zone 1 & zone 2

Building 301 SVE System Parameters

Date (USA)	Time (24 hr)	Hdr. Zone	Bar. Press. ("Hg)	In Temp. (°F)	Out Temp. (°F)	SVE: Ex. Temp. (°F)	Mag. ("H_2O)	Bk. Press. (psig)	Ht. Excg. ("Hg)	6LP Temp. (°F+50)	Sys. Vac. ("Hg)	Post Flt. ("Hg)	Pre Flt. ("Hg)	Hdr. Vac. ("Hg)	H2O Mtr. (gal.)	Calc. Flow (Ft./Min.)	Flow (CFM)
12/18/97	12:45	1	30.05	72	42	197	0.85	0	-10		-17.25	-14.5	-14	-12.25	2226.5	4100	559
12/19/97	13:48	1	30	80	54	200	0.9	0	-9.5		-17	-14.5	-13.5	-12	2294	4250	580
12/22/97	13:30	1	29.9	78	45	190	0.9	0	-9.4		-16.75	-14.2	-13.4	-12	2361	4200	573
12/23/97	17:15	1	30			204	0.8	0	-10.5		-17.75	-15.4	-14.6	-13.1	3367.5	4000	545
12/29/97	11:30	1	30			200	0.75	0	-10.5		-17.7	-14.9	-14.1	-12.6	4374	3900	532
1/5/98	12:00	1	30.2	82		212	0.825	0	-10	208	-17.6	-15	-14.25	-13	4923.5	4100	559
1/5/98	12:45	1															
1/9/98	13:30	1	30	74	40	204	0.8	0	-10.25	196	-17.6	-15.1	-14.4	-13	8758	4000	545
1/12/98	13:51	1	30	76		206	0.825	0	-10.25		-17.6	-15.25	-14.4	-13	9036	4100	559
1/13/98	13:50	1	30.3	68	30	199	0.825	0	-10.6	190	-17.9	-15.25	-14.5	-13.1	9058	4100	559
1/14/98	13:49	1	30.2	70	38	204	0.825	0	-10.5	192	-17.8	-15.1	-14.4	-13.8	9058	4100	559
1/15/98	9:53	1	30	75	38	203	0.825	0	-10.4	194	-17.6	-15	-14.1	-12.75	9058	4100	559
1/16/98	8:00	1															
1/19/98	13:45	1	30.03	70	32	200	0.8	0	-10.5	190	-17.75	-15	-14.4	-13	9090	4000	545
1/27/98	8:00	1															
1/29/98	13:46	1	29.76	74	40	206	0.8	0	-10.4	194	-17.5	-15	-14.25	-13	9730.5	4050	552
1/30/98	13:50	1	30.01	73	35	202	0.82	0	-10.5	188	-17.75	-15.1	-14.4	-13.25	9778	4100	559
2/2/98	9:50	1	30.07	82	49	192	0.95	0	-8.6	199	-16.25	-13.25	-12.6	-8.75	9778	4350	593
2/3/98	13:40	1	30.13	73	40	187	0.98	0	-8.75	192	-16.4	-13.25	-12.5	-11.4	9778	4400	600
2/4/98	9:00	1	29.88	63	28	180	0.95	0	-8.9	181	-16.3	-13.2	-12.5	-11.25	9778	4300	586
2/13/98	9:50	1	30.11	66	40	180	0.95	0	-8.9	186	-16.4	-12.6	-11.9	-10.75	10405	4300	586
2/16/98	5:58	1	30.04	63	38	180	0.95	0	-8.75	189	-16.25	-12.6	-11.9	-10.7	11147	4300	586
2/17/98	5:55	1	29.65	69	45	187	0.95	0	-8.6	196	-16	-12.4	-11.75	-10.5	11193	4325	590
2/18/98	5:55	1	29.37	69	45	186	0.95	0	-8.5	194	-15.9	-12.4	-11.7	-10.4	11866	4350	593
2/19/98	13:55	1	29.87	69	41	186	0.95	0	-8.9	192	-16.25	-12.75	-12	-10.4	14999	4300	586
2/23/98	5:57	1	29.79	65	37	184	0.93	0	-8.9	189	-16.25	-12.25	-11.5	-9.9	15330	4275	583
2/27/98	13:15	1	29.65	79	62	194	0.95	0	-8.4	205	-15.9	-12	-11.4	-10.25	15330	4350	593
3/2/98	5:57	1	29.78	56	28	172	0.95	0	-8.75	176	-16	-12.4	-11.8	-10.5	15330	4250	580
3/4/98	15:55	1	29.89	64	33	177	0.95	0	-8.5	182	-16	-12	-11.5	-10.5	15330	4300	586
3/5/98	9:48	1	30.12	60	33	176	0.95	0	-8.75	180	-16.25	-12.25	-11.6	-9.5	15330	4275	583
3/5/98	13:51	1	30.12	66	37	190	0.85	0	-9.9	184	-17.25	-13.9	-13.1	-11.9	15330	4100	559
3/9/98	13:50	1	29.41	68	35	186	0.825	0	-9.75	186	-16.75	-13.5	-12.7	-11.4	16862	4075	556
3/10/98	5:50	1	30.1	66	20	191	0.85	0	-10.1	190	-17.4	-14	-13.2	-11.7	17578	4075	556
3/11/98	9:45	1	30.46	68	20	188	0.85	0	-10	187	-17.4	-14.1	-13.4	-11.9	17648	4050	552
3/12/98	15:00	1															
3/19/98	13:15	1	29.82	83	58	200	0.85	0	-9.6	204	-17	-13.8	-13	-11.9	18450	4100	559
3/20/98	13:55	1	29.5	68	42	190	0.825	0	-9.8	190	-17	-13.8	-13	-11.8	19539	4075	556
3/22/98	5:55	1	29.99	64	30	188	0.825	0	-10.1	184	-17.2	-14.2	-13.4	-12.1	22860	4050	552
3/24/98	17:00	1															
3/25/98	5:57	1	30.31	66	38	189	0.825	0	-10.3	186	-17.6	-14.25	-13.4	-11.9	22906	4050	552
3/26/98	7:40	1	30.16	78	57	210	0.775	0	-10.9	204	-18	-14.2	-13.4	-11.8	22930	4000	545
3/27/98	[illegible]	1	30.02	100	77	232	0.775	0	-10.7	227	-17.9	-13.4	-12.5	-11.1	22930	[illegible]	552
3/30/98		1	29.93	87	66	225	0.8	0	-10.4	212	-17.6	-13.8	-13.1	-11.75	22930	[illegible]	556

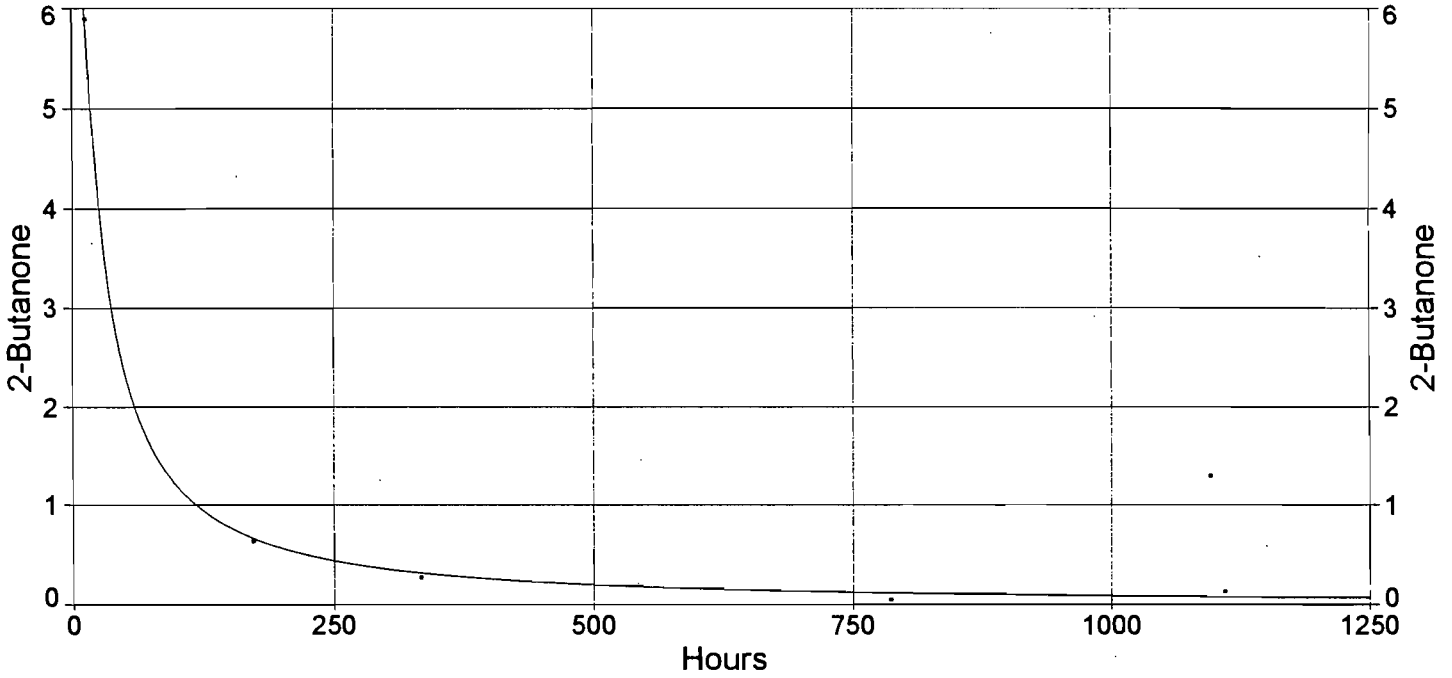
Zone 1

Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

$r^2=0.99959241$ DF Adj $r^2=0.99918481$ FitStdErr=0.058841897 Fstat=7357.2717

a=0.11773589

b=0.0015524503



Rank 1 Eqn 44 $y^{-1}=a+bx\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9995924064	0.9991848127	0.0588418967	7357.2717258

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.117735887	0.005091258	23.12510501	0.101533231	0.133938544
b	0.001552450	0.000143466	10.82105501	0.001095878	0.002009022

Date	Time	File Source
Aug 9, 1999	2:40:39 PM	C:\TCWIN4\CLIPBRD.WK1

Zone 1 2-Butanone

$$a := \left[\left[\int_{13}^{56.5} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx\right] \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\left[\int_{56.5}^{172.5} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx\right] \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \int_{1127.4}^{1194.75} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840$$

$$i := \int_{1194.75}^{1229.19} \frac{1}{0.117735887 + 0.0015524503 \cdot x \cdot \ln(x)} dx \cdot \left(\frac{72.11}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$a = 0.953$ $d = 0.303$ $g = 0.015$

$b = 0.8$ $e = 0.129$ $h = 0.033$

$c = 0.617$ $f = 0.132$ $i = 0.015$

$a + b + c + d + e + f + g + h + i = 2.998$

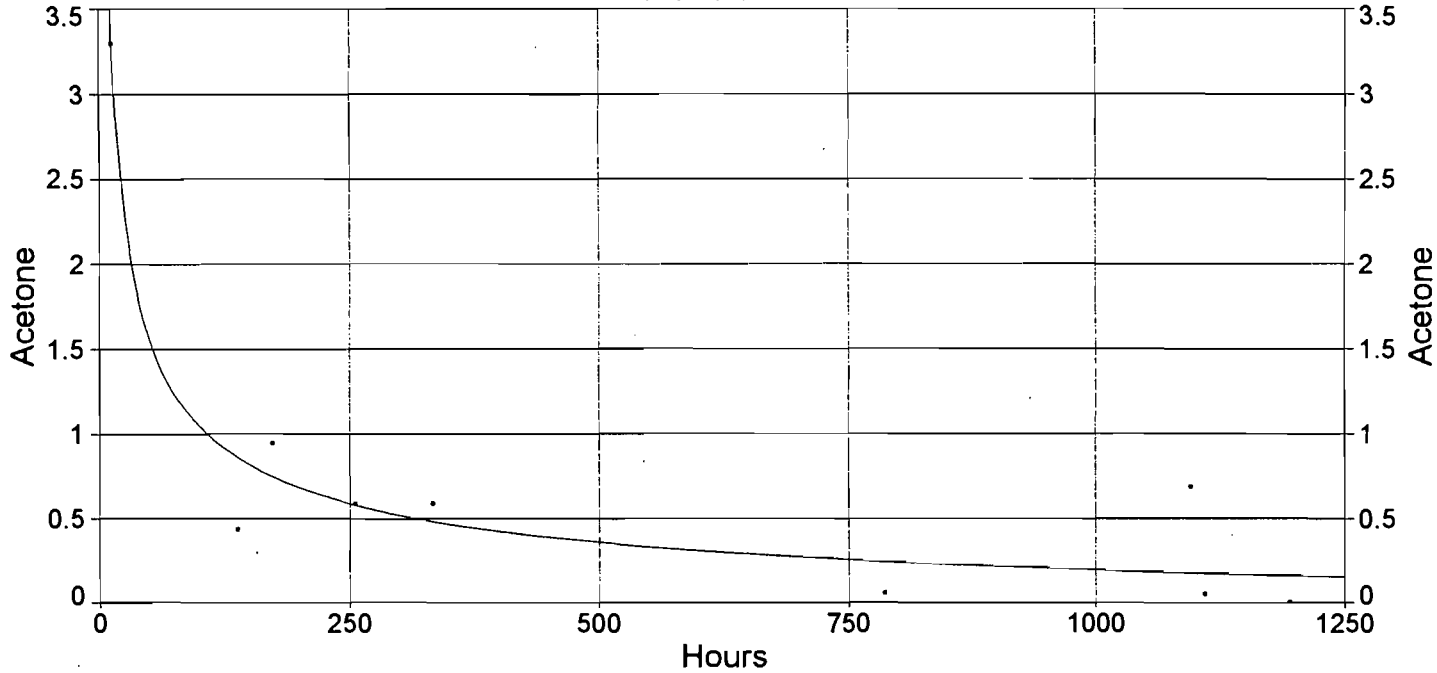
Zone 1

Rank 4 Eqn 15 $y=a+b/x^{0.5}$

r^2=0.93093406 DF Adj r^2=0.90791209 FitStdErr=0.28433715 Fstat=94.352425

a=-0.19775281

b=12.437454



Rank 4 Eqn 15 $y=a+b/x^{0.5}$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9309340647	0.9079120862	0.2843371460	94.352424581

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.19775281	0.135526363	-1.45914646	-0.51822174	0.122716112
b	12.43745359	1.280427347	9.713517621	9.409724042	15.46518314

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Zone 1 Acetone

$$a := \int_{13}^{56.5} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \qquad a = 0.45$$

$$b := \int_{56.5}^{172.5} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \qquad b = 0.565$$

$$c := \int_{172.5}^{434} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \qquad c = 0.689$$

$$d := \int_{434}^{692.25} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \qquad d = 0.445$$

$$e := \int_{692.25}^{863.75} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \qquad e = 0.21$$

$$f := \int_{863.75}^{1095.8} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \qquad f = 0.225$$

$$g := \int_{1095.8}^{1127.4} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \qquad g = 0.027$$

$$h := \int_{1127.4}^{1194.75} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \qquad h = 0.056$$

$$i := \int_{1194.75}^{1229.19} -0.19775281 + \frac{12.43745359}{x^{0.5}} dx \cdot \left(\frac{58.08}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \qquad i = 0.027$$

$$a + b + c + d + e + f + g + h + i = 2.694$$

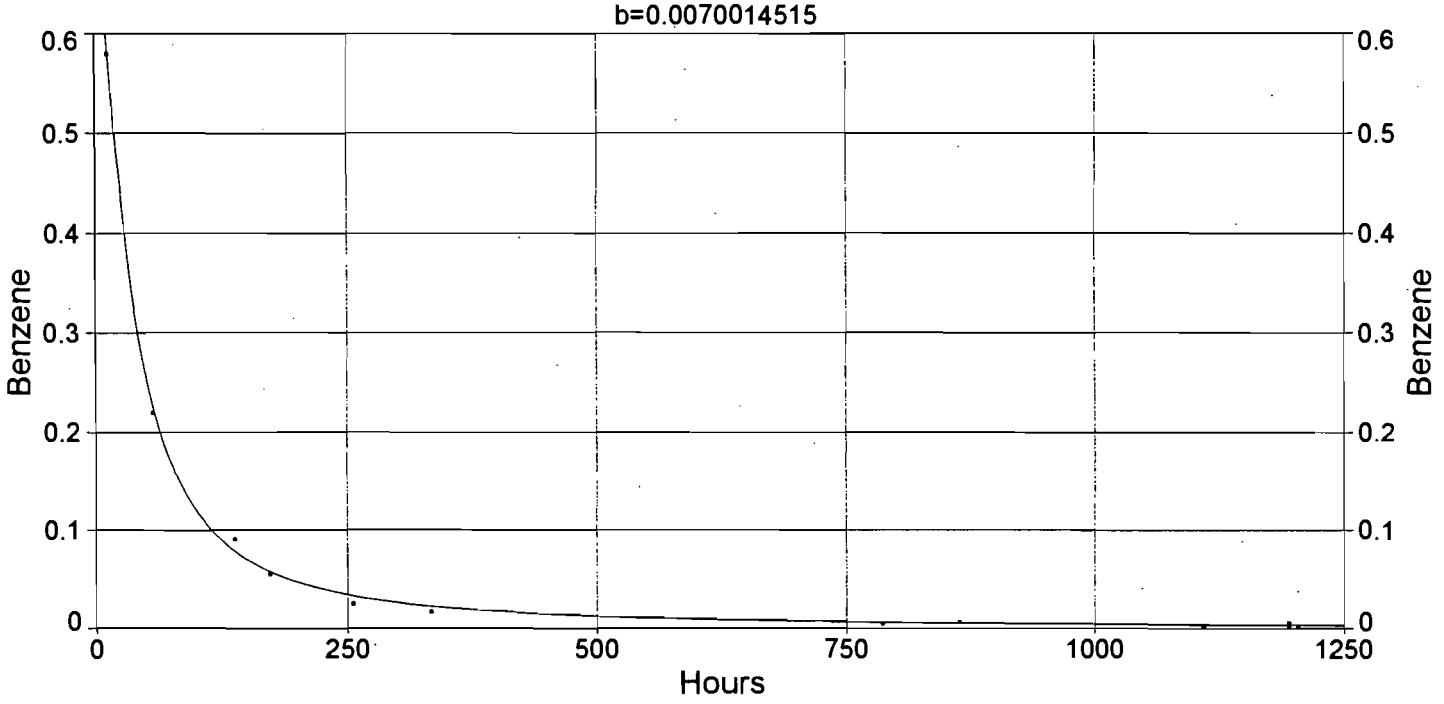
Zone 1

Rank 2 Eqn 45 $y^{-1}=a+bx^{1.5}$

r^2=0.99894711 DF Adj r^2=0.99871313 FitStdErr=0.0057245606 Fstat=9487.6647

a=1.39862

b=0.0070014515



Rank 2 Eqn 45 $y^{-1}=a+bx^{1.5}$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9989471096	0.9987131340	0.0057245606	9487.6647018

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	1.398619986	0.021585684	64.79386850	1.350524085	1.446715888
b	0.007001452	0.000242625	28.85711605	0.006460850	0.007542053

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Zone 1 Benzene

$$a := \left[\int_{13}^{56.5} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1229.19} \frac{1}{1.398619986 + 0.0070014515 \cdot x^{1.5}} dx \cdot \left(\frac{78.12}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 0.11$

$b = 0.086$

$c = 0.051$

$d = 0.02$

$e = 7.47 \cdot 10^{-3}$

$f = 7.056 \cdot 10^{-3}$

$g = 7.842 \cdot 10^{-4}$

$h = 1.63 \cdot 10^{-3}$

$i = 7.595 \cdot 10^{-4}$

$a + b + c + d + e + f + g + h + i = 0.284$

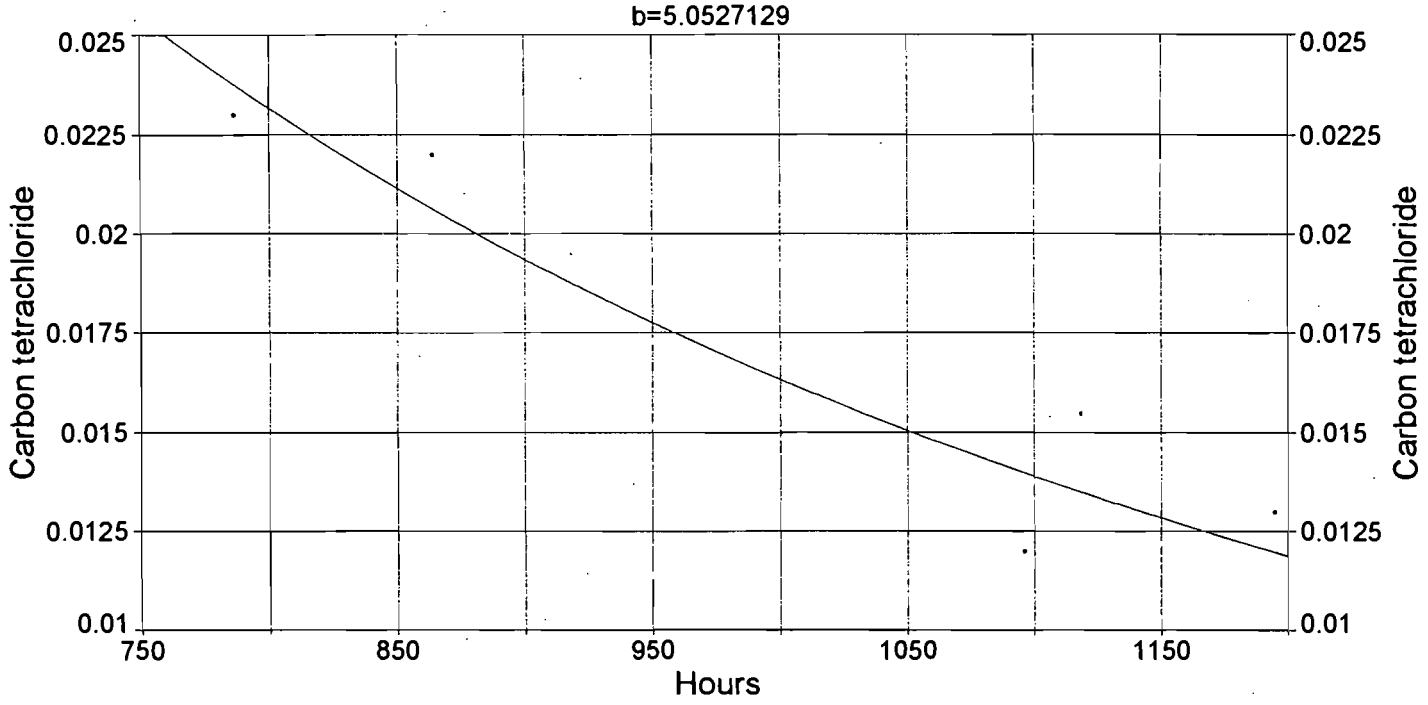
Zone 1

Rank 1 Eqn 77 $y^{0.5}=a+b/lnx$

$r^2=0.92638512$ DF Adj $r^2=0.77915535$ FitStdErr=0.0019280953 Fstat=25.168419

a=-0.60365339

b=5.0527129



Rank 1 Eqn 77 $y^{0.5}=a+b/lnx$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9263851156	0.7791553467	0.0019280953	25.168418665

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.60365339	0.305409141	-1.97654001	-1.91772286	0.710416089
b	5.052712852	2.084586038	2.423844715	-3.91653696	14.02196266

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Zone 1 Carbon tetrachloride

$$a := \left[\int_{786.25}^{863.75} \left(-0.60365339 + \frac{5.052712852}{\ln(x)} \right)^2 dx \cdot \left(\frac{153.84}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$b := \left[\int_{863.75}^{1095.8} \left(-0.60365339 + \frac{5.052712852}{\ln(x)} \right)^2 dx \cdot \left(\frac{153.84}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$c := \left[\int_{863.75}^{1229.19} \left(-0.60365339 + \frac{5.052712852}{\ln(x)} \right)^2 dx \cdot \left(\frac{153.84}{24.5} \right) \cdot 6.2428 \cdot 10^{-8} \cdot 32922 \right]$$

$a = 0.022$

$b = 0.051$

$c = 0.073$

$a + b + c = 0.146$

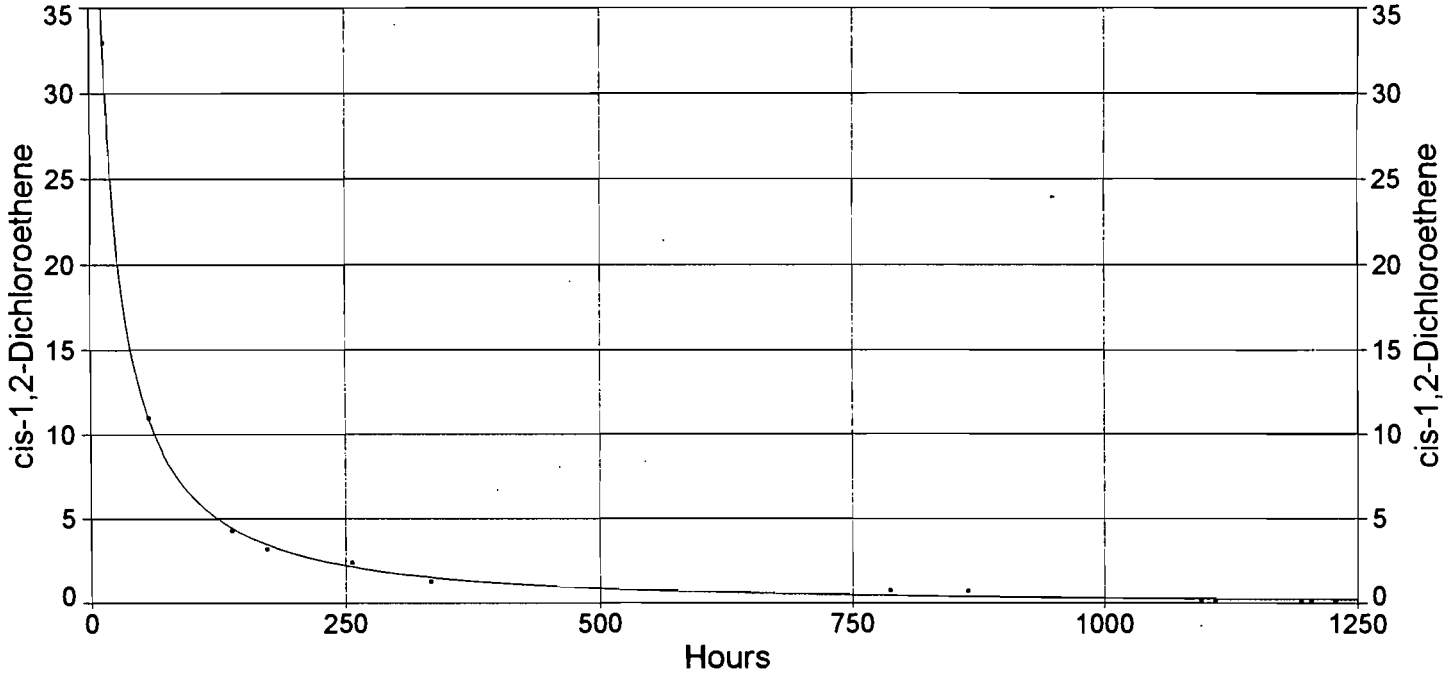
Zone 1

Rank 1 Eqn 31 $\ln y = a + b(\ln x)^2$

r^2=0.99949582 DF Adj r^2=0.99941179 FitStdErr=0.19938793 Fstat=25771.295

a=4.2396792

b=-0.11306811



Rank 1 Eqn 31 $\ln y = a + b(\ln x)^2$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9994958171	0.9994117866	0.1993879265	25771.295168

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	4.239679194	0.011740619	361.1120531	4.214315128	4.265043260
b	-0.11306811	0.001265507	-89.3461274	-0.11580207	-0.11033415

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Zone 1 cis-1,2-Dichloroethene

$$a := \left[\int_{13}^{56.5} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1229.19} e^{4.239679194 + -0.11306811 \cdot \ln(x)^2} dx \cdot \left(\frac{96.94}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 6.729$ $d = 1.724$ $g = 0.442$

$b = 5.624$ $e = 0.657$ $h = 1.009$

$c = 4.072$ $f = 3.004$ $i = 0.516$

$a + b + c + d + e + f + g + h + i = 23.778$

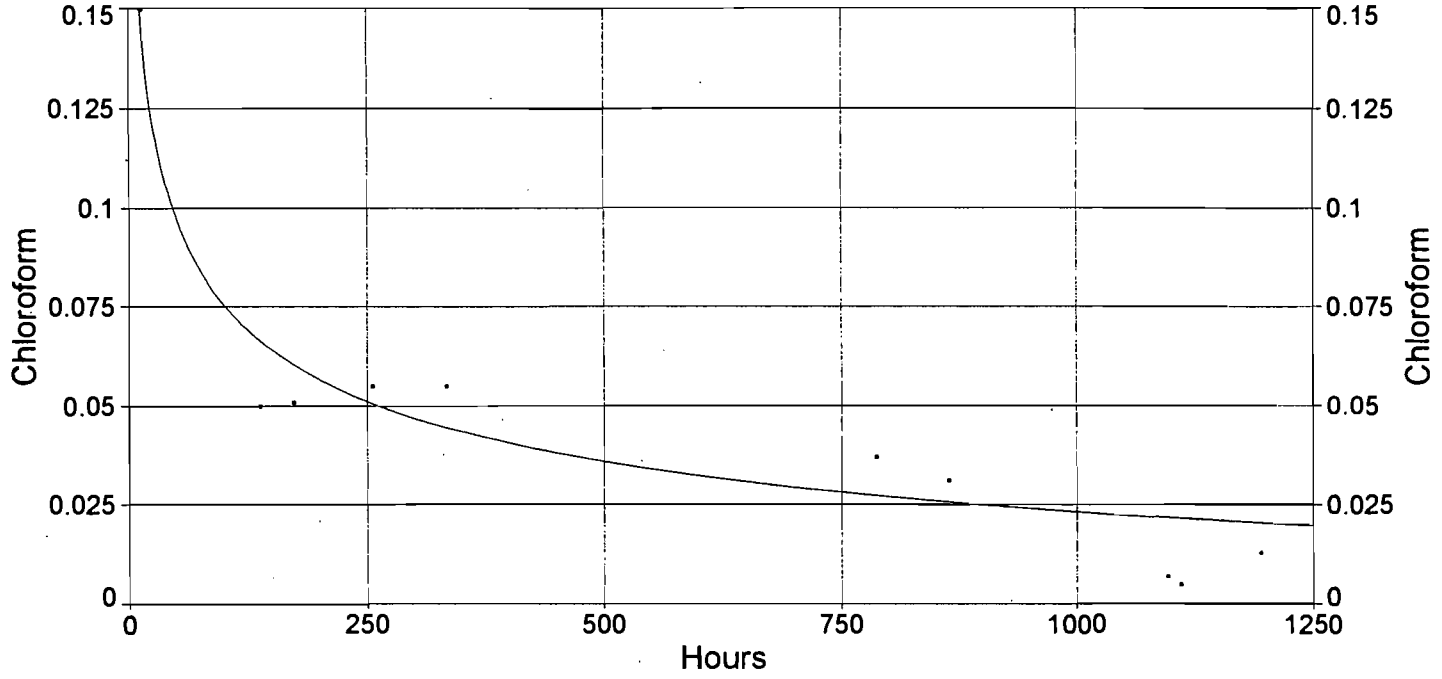
Zone 1

Rank 1. Eqn 76 $y^{0.5}=a+b\ln x$

$r^2=0.92499463$ DF Adj $r^2=0.90356453$ FitStdErr=0.012098625 Fstat=98.659032

a=0.51982333

b=-0.053204154



Rank 1. Eqn 76 $y^{0.5}=a+b\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9249946312	0.9035645258	0.0120986250	98.659031527

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.519823330	0.054994451	9.452286871	0.393005898	0.646640762
b	-0.05320415	0.010974009	-4.84819688	-0.07851026	-0.02789805

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Zone 1 Chloroform

$$a := \left[\int_{13}^{56.5} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \int_{1127.4}^{1194.75} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400$$

$$i := \int_{1194.75}^{1229.19} (0.519823330 + -0.053204154 \cdot \ln(x))^2 dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$a = 0.051 \quad d = 0.093 \quad g = 6.725 \cdot 10^{-3}$

$b = 0.084 \quad e = 0.048 \quad h = 0.016$

$c = 0.126 \quad f = 0.054 \quad i = 6.953 \cdot 10^{-3}$

$a + b + c + d + e + f + g + h + i = 0.487$

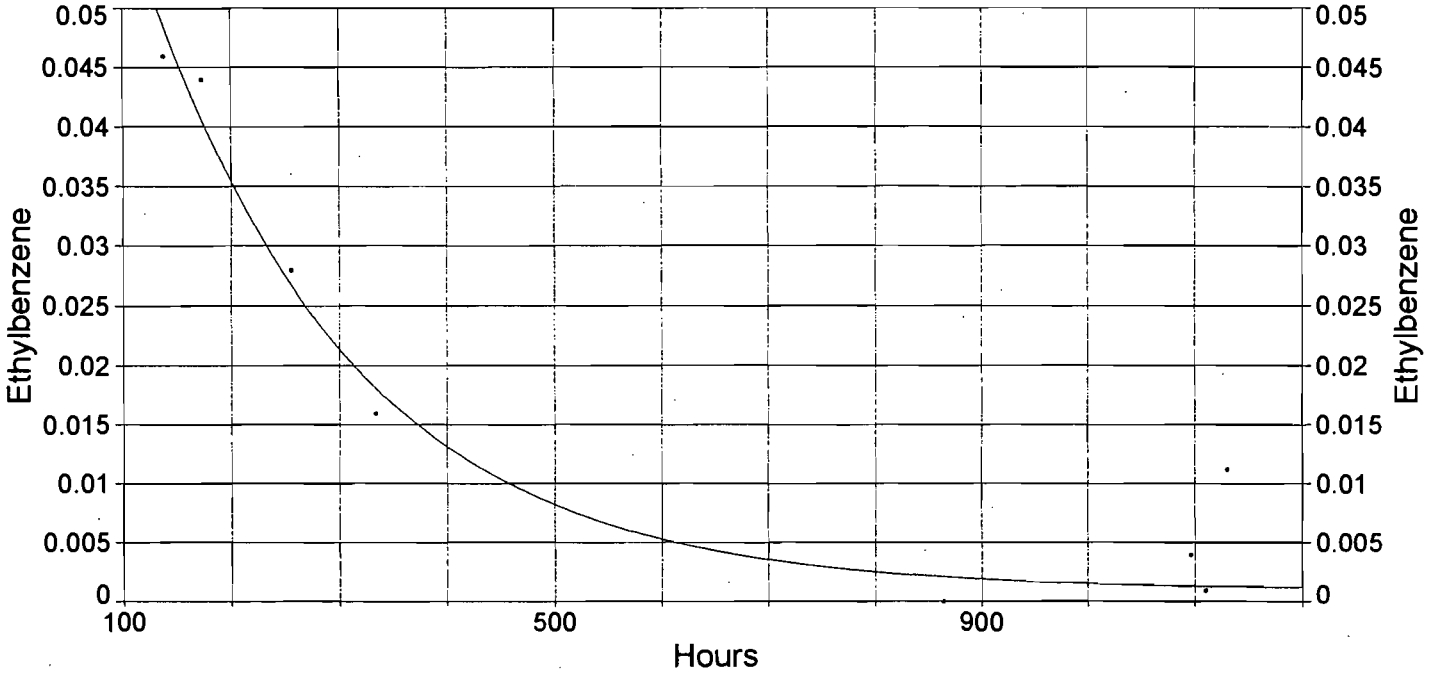
Zone 1

Rank 1 Eqn 8002 [Exponential] y=a+bexp(-x/c)

r^2=0.98482188 DF Adj r^2=0.96964376 FitStdErr=0.0029854329 Fstat=129.76861

a=0.0010054063 b=0.097246931

c=192.43083



Rank 1 Eqn 8002 [Exponential] y=a+bexp(-x/c)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9848218788	0.9696437577	0.0029854329	129.76861471

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.001005406	0.001929611	0.521040947	-0.00435205	0.006362865
b	0.097246931	0.014063654	6.914769952	0.058199968	0.136293893
c	192.4308268	33.19396125	5.797163688	100.2696157	284.5920380

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Zone 1 Ethylbenzene

$$a := \left[\int_{13}^{56.5} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1229.19} 0.001005406 + 0.097246931 \cdot \exp\left(\frac{-x}{192.4308268}\right) dx \cdot \left(\frac{119.38}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 0.037$ $\quad d = 0.018$ $\quad g = 4.086 \cdot 10^{-4}$

$b = 0.064$ $\quad e = 4.81 \cdot 10^{-3}$ $\quad h = 8.594 \cdot 10^{-4}$

$c = 0.06$ $\quad f = 3.789 \cdot 10^{-3}$ $\quad i = 4.08 \cdot 10^{-4}$

$a + b + c + d + e + f + g + h + i = 0.19$

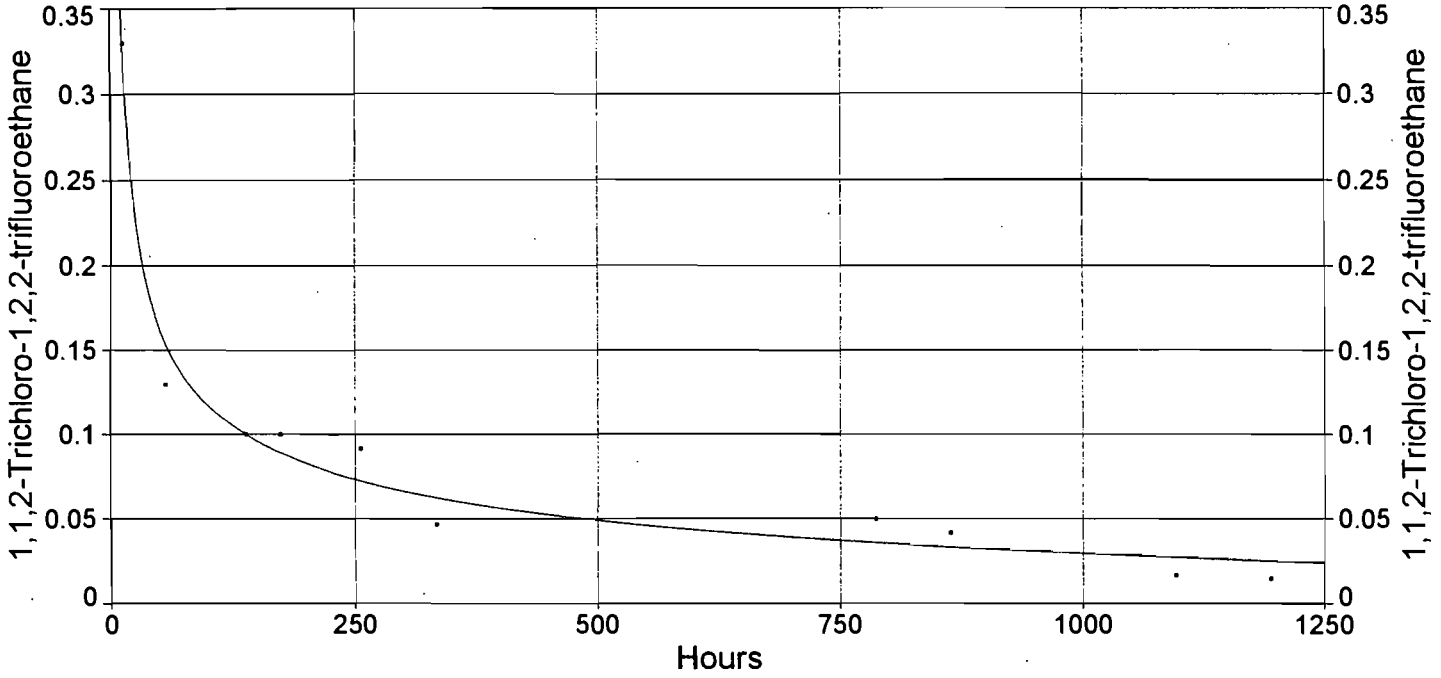
Zone 1

Rank 1 Eqn 14 y=a+b/lnx

r^2=0.97610576 DF Adj r^2=0.96927883 FitStdErr=0.015072122 Fstat=326.80865

a=-0.14439084

b=1.2018247



Rank 1 Eqn 14 y=a+b/lnx

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9761057551	0.9692788279	0.0150721219	326.80865463

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	-0.14439084	0.013933413	-10.3629199	-0.17652135	-0.11226033
b	1.201824657	0.066480509	18.07784983	1.048520329	1.355128986

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Zone 1 1,1,2-Trichloro-1,2,2-trifluoroethane

$$a := \left[\int_{13}^{56.5} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right] \qquad a = 0.109$$

$$b := \left[\int_{56.5}^{172.5} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right] \qquad b = 0.151$$

$$c := \left[\int_{172.5}^{434} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad c = 0.208$$

$$d := \left[\int_{434}^{692.25} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right] \qquad d = 0.147$$

$$e := \left[\int_{692.25}^{863.75} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad e = 0.073$$

$$f := \left[\int_{863.75}^{1095.8} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right] \qquad f = 0.081$$

$$g := \left[\int_{1095.8}^{1127.4} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right] \qquad g = 9.771 \cdot 10^{-3}$$

$$h := \left[\int_{1127.4}^{1194.75} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400\right] \qquad h = 0.024$$

$$i := \left[\int_{1194.75}^{1229.19} -0.14439084 + \frac{1.201824657}{\ln(x)}dx \cdot \left(\frac{138.37}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right] \qquad i = 9.934 \cdot 10^{-3}$$

$$a + b + c + d + e + f + g + h + i = 0.811$$

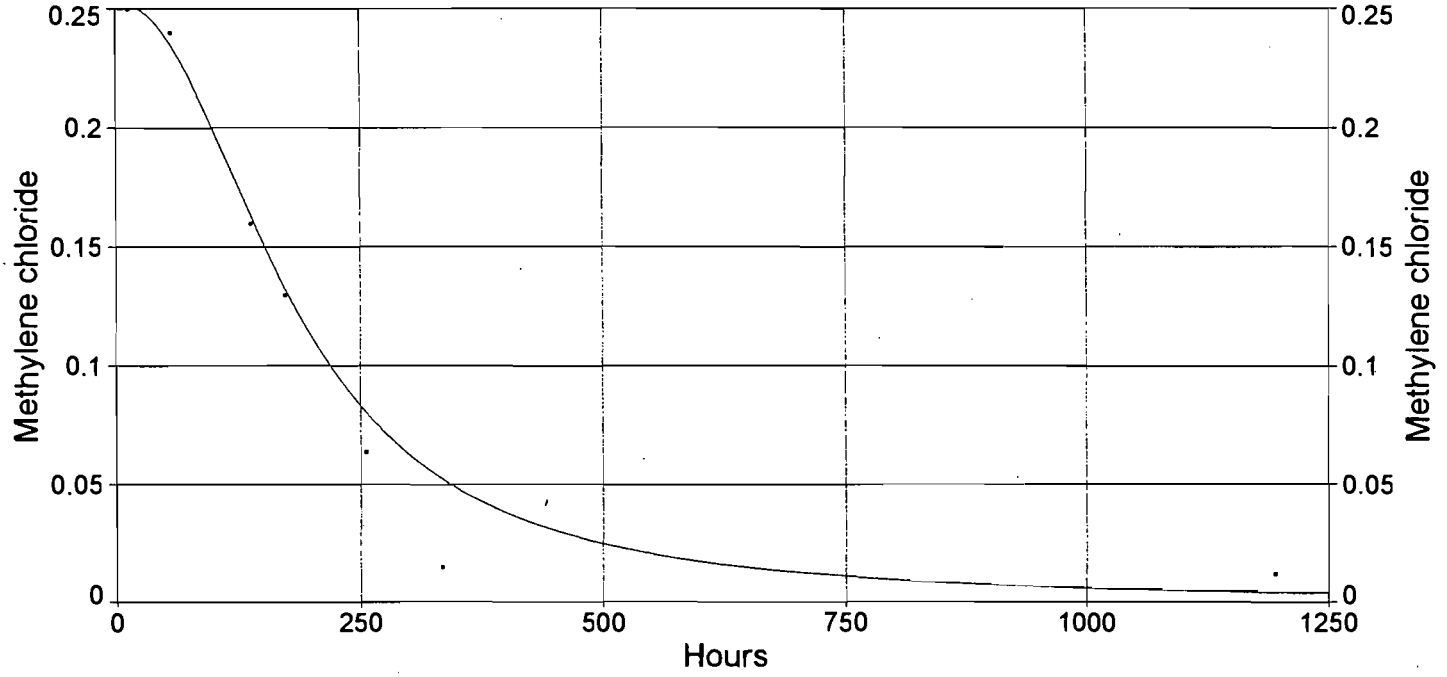
Zone 1

Rank 1 Eqn 47 $y^{-1}=a+bx^2\ln x$

r^2=0.96906376 DF Adj r^2=0.95359564 FitStdErr=0.019055589 Fstat=156.62273

a=3.9593348

b=2.324366e-05



Rank 1 Eqn 47 $y^{-1}=a+bx^2\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9690637582	0.9535956373	0.0190555888	156.62273457

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	3.959334823	0.231387718	17.11125753	3.364533758	4.554135888
b	2.32437e-05	5.03531e-06	4.616135128	1.03e-05	3.61873e-05

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Zone 1 Methylene chloride

$$a := \left[\int_{13}^{56.5} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \right]$$

$$b := \left[\int_{56.5}^{172.5} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{172.5}^{434} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$d := \left[\int_{434}^{692.25} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \right]$$

$$e := \left[\int_{692.25}^{863.75} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$f := \left[\int_{863.75}^{1095.8} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$g := \left[\int_{1095.8}^{1127.4} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$h := \int_{1127.4}^{1194.75} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 38400$$

$$i := \int_{1194.75}^{1229.19} \frac{1}{3.959334823 + 2.32437 \cdot 10^{-5} \cdot x^2 \cdot \ln(x)} dx \cdot \left(\frac{84.93}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880$$

$a = 0.079 \quad d = 0.041 \quad g = 1.083 \cdot 10^{-3}$

$b = 0.152 \quad e = 0.013 \quad h = 2.489 \cdot 10^{-3}$

$c = 0.13 \quad f = 0.011 \quad i = 9.949 \cdot 10^{-4}$

$a + b + c + d + e + f + g + h + i = 0.429$

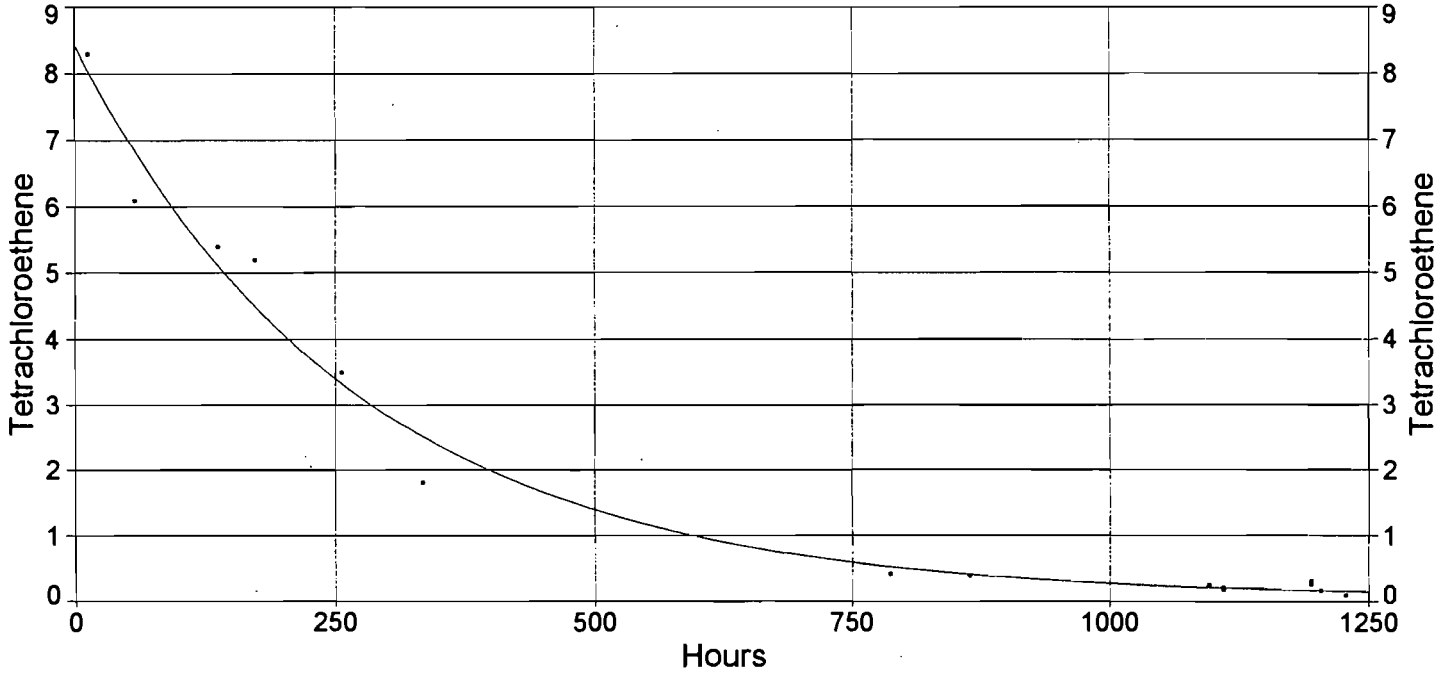
Zone 1

Rank 1 Eqn 8002 [Exponential] y=a+bexp(-x/c)

r^2=0.98312298 DF Adj r^2=0.97852016 FitStdErr=0.38861666 Fstat=349.513

a=0.071508204 b=8.3759007

c=270.98038



Rank 1 Eqn 8002 [Exponential] y=a+bexp(-x/c)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9831229802	0.9785201567	0.3886166563	349.51300424

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.071508204	0.164390342	0.434990299	-0.28666758	0.429683991
b	8.375900744	0.347223053	24.12253645	7.619366702	9.132434786
c	270.9803838	29.39619017	9.218214409	206.9315875	335.0291802

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Zone 1 Tetrachloroethene

$$a := \left[\int_{13}^{56.5} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$f := \left[\int_{863.75}^{1095.8} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$g := \left[\int_{1095.8}^{1127.4} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$h := \left[\int_{1127.4}^{1194.75} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$i := \left[\int_{1194.75}^{1229.19} 0.071508204 + 8.375900744 \cdot \exp\left(\frac{-x}{270.9803838}\right) dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 4.69$

$b = 8.98$

$c = 10.723$

$d = 4.466$

$e = 1.337$

$f = 0.975$

$g = 0.091$

$h = 0.18$

$i = 0.08$

$a + b + c + d + e + f + g + h + i = 31.522$

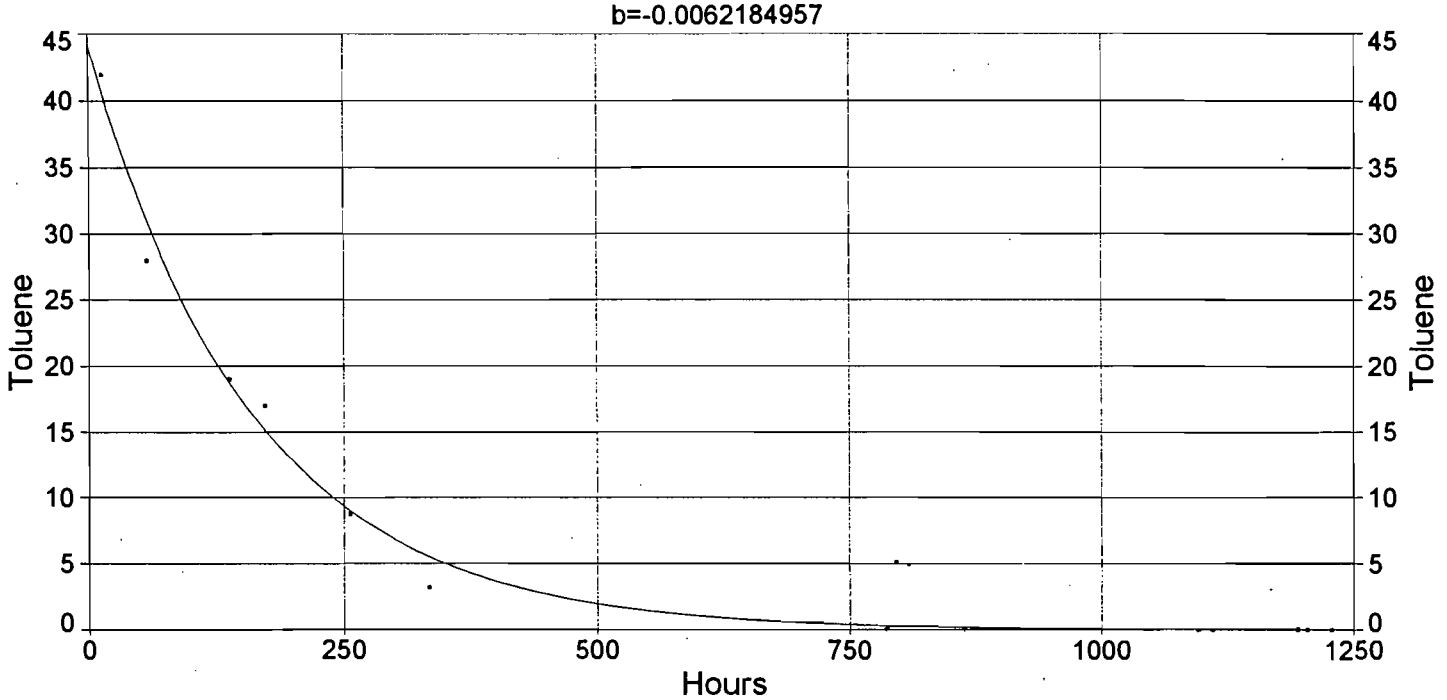
Zone 1

Rank 3 Eqn 22 lny=a+bx

r^2=0.99130952 DF Adj r^2=0.98986111 FitStdErr=1.2539323 Fstat=1482.8898

a=3.7887941

b=-0.0062184957



Rank 3 Eqn 22 lny=a+bx

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9913095203	0.9898611070	1.2539322597	1482.8898093

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	3.788794054	0.029478415	128.5277401	3.725109810	3.852478297
b	-0.00621850	0.000341819	-18.1923829	-0.00695695	-0.00548004

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Zone 1 Toluene

$$a := \int_{13}^{56.5} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260$$

$$b := \int_{56.5}^{172.5} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700$$

$$c := \int_{172.5}^{434} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300$$

$$d := \int_{434}^{692.25} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280$$

$$e := \int_{692.25}^{863.75} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{92.15}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300$$

$a = 12.5$

$b = 19.739$

$c = 15.274$

$d = 3.167$

$e = 0.492$ $\qquad a + b + c + d + e = 51.171$

Zone 1 Toluene

$$a := \left[\int_{863.75}^{1095.8} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right]$$

$$b := \left[\int_{1095.8}^{1127.4} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right]$$

$$c := \left[\int_{1127.4}^{1194.75} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right]$$

$$d := \left[\int_{1194.75}^{1229.19} e^{3.788794054 + -0.00621850 \cdot x} dx \cdot \left(\frac{165.83}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right]$$

$a = 0.349$

$b = 0.019$

$c = 0.031$

$d = 0.011$

$$51.171 + a + b + c + d = 51.582$$

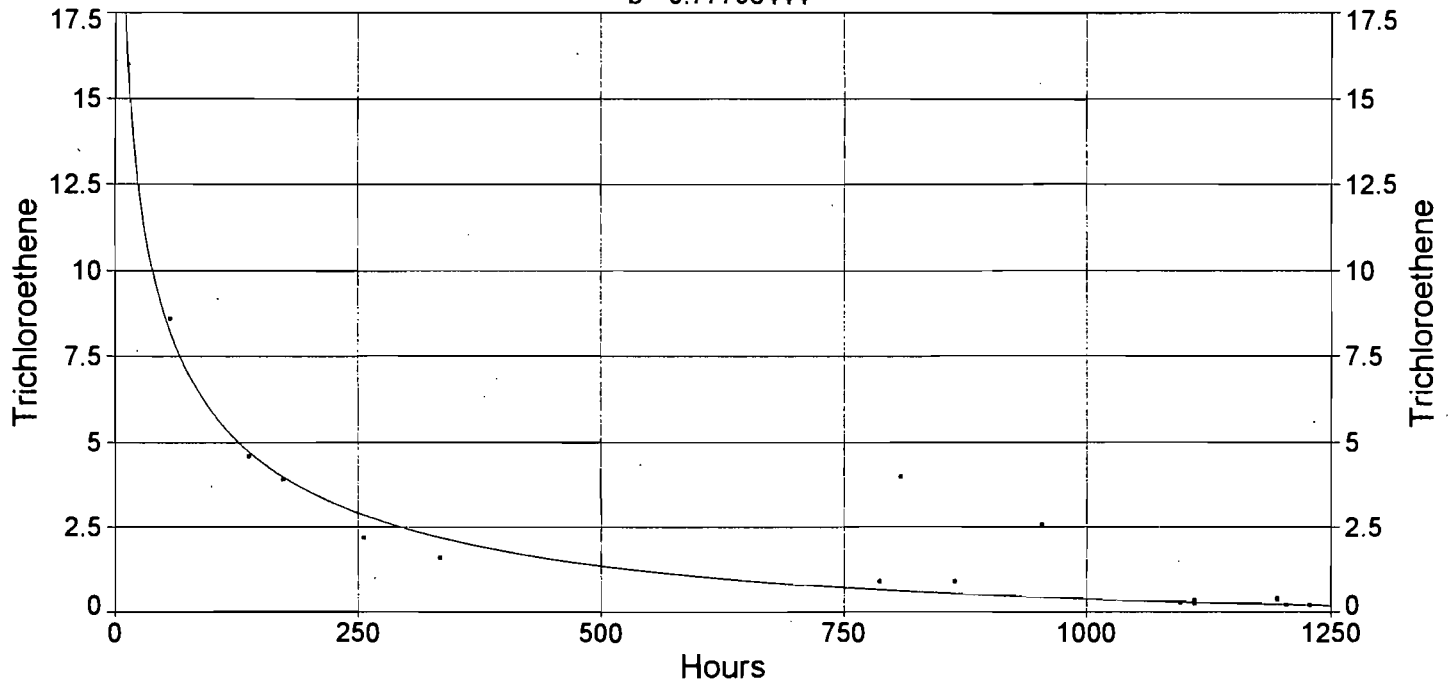
Zone 1

Rank 2 Eqn 76 $y^{0.5}=a+b\ln x$

$r^2=0.99529562$ DF Adj $r^2=0.99451156$ FitStdErr=0.30923815 Fstat=2750.383

a=6.0011788

b=-0.77796444



Rank 2 Eqn 76 $y^{0.5}=a+b\ln x$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9952956213	0.9945115582	0.3092381452	2750.3829596

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	6.001178786	0.144680242	41.47891037	5.688616125	6.313741446
b	-0.77796444	0.033245535	-23.4005690	-0.84978705	-0.70614183

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Zone 1 Trichloroethene

$$a := \left[\int_{13}^{56.5} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right]$$

$$b := \left[\int_{56.5}^{172.5} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right]$$

$$c := \left[\int_{172.5}^{434} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right]$$

$$d := \left[\int_{434}^{692.25} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right]$$

$$e := \left[\int_{692.25}^{863.75} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \quad a = 5.479$$

$$b = 7.085$$

$$c = 7.407$$

$$f := \left[\int_{863.75}^{1095.8} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right] \quad d = 3.597$$

$$e = 1.303$$

$$g := \left[\int_{1095.8}^{1127.4} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right] \quad f = 1.065$$

$$g = 0.102$$

$$h := \left[\int_{1127.4}^{1194.75} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right] \quad h = 0.199$$

$$i := \left[\int_{1194.75}^{1229.19} (6.001178786 + -0.77796444 \cdot \ln(x))^2 dx \cdot \left(\frac{131.39}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right] \quad i = 0.087$$

$$a + b + c + d + e + f + g + h + i = 26.324$$

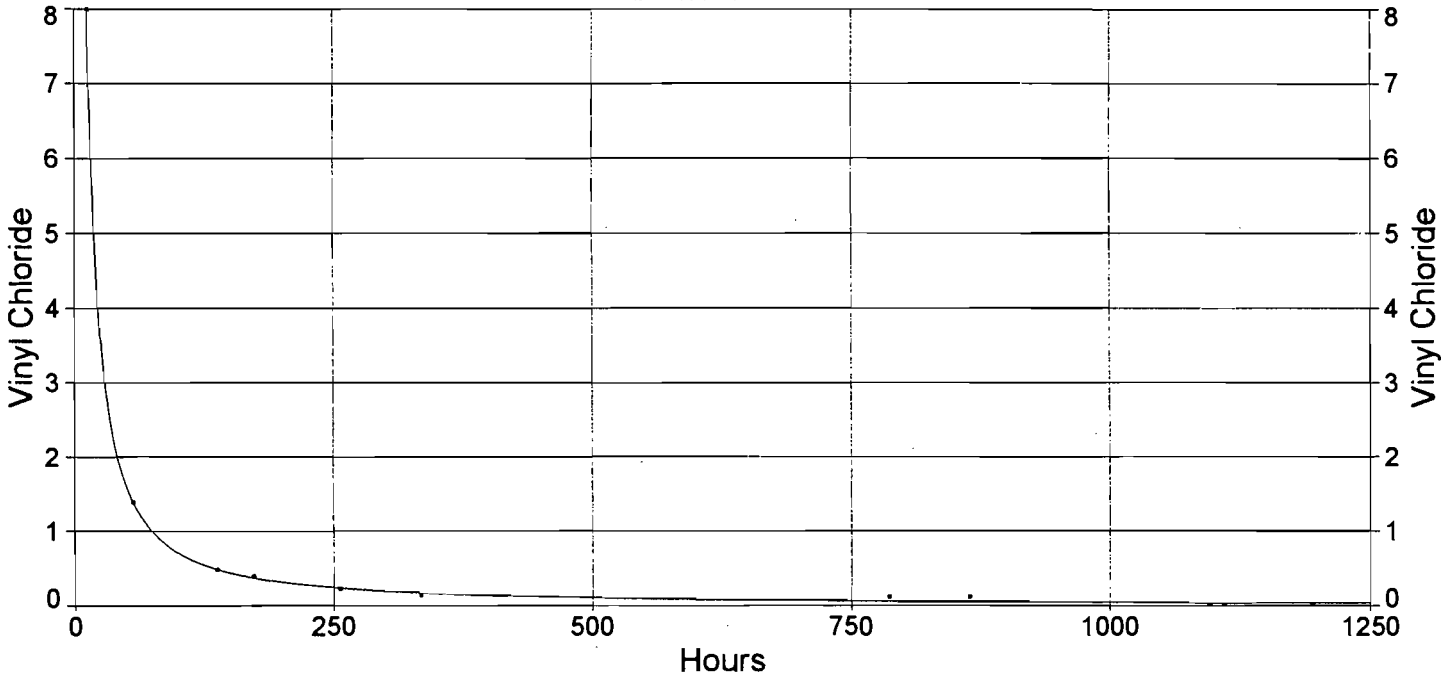
Zone 1

Rank 1 Eqn 8156 [Power_] $y=ax^b$

r^2=0.9997654 DF Adj r^2=0.99970675 FitStdErr=0.03803734 Fstat=38354.368

a=165.70154

b=-1.1816458



Rank 1 Eqn 8156 [Power_] $y=ax^b$

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.9997654012	0.9997067515	0.0380373402	38354.367830

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	165.7015432	6.153411866	26.92840115	151.7815584	179.6215279
b	-1.18164576	0.014019972	-84.2830358	-1.21336114	-1.14993038

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Zone 1 Vinyl Chloride

$$a := \left[\int_{13}^{56.5} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260\right] \qquad a = 0.732$$

$$b := \left[\int_{56.5}^{172.5} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700\right] \qquad b = 0.419$$

$$c := \left[\int_{172.5}^{434} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad c = 0.293$$

$$d := \left[\int_{434}^{692.25} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280\right] \qquad d = 0.138$$

$$e := \left[\int_{692.25}^{863.75} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300\right] \qquad e = 0.058$$

$$f := \left[\int_{863.75}^{1095.8} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729\right] \qquad f = 0.059$$

$$g := \left[\int_{1095.8}^{1127.4} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520\right] \qquad g = 6.824 \cdot 10^{-3}$$

$$h := \left[\int_{1127.4}^{1194.75} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840\right] \qquad h = 0.014$$

$$i := \left[\int_{1194.75}^{1229.19} 165.7015432 \cdot x^{-1.18164576} dx \cdot \left(\frac{62.5}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880\right] \qquad i = 6.79 \cdot 10^{-3}$$

$$a + b + c + d + e + f + g + h + i = 1.727$$

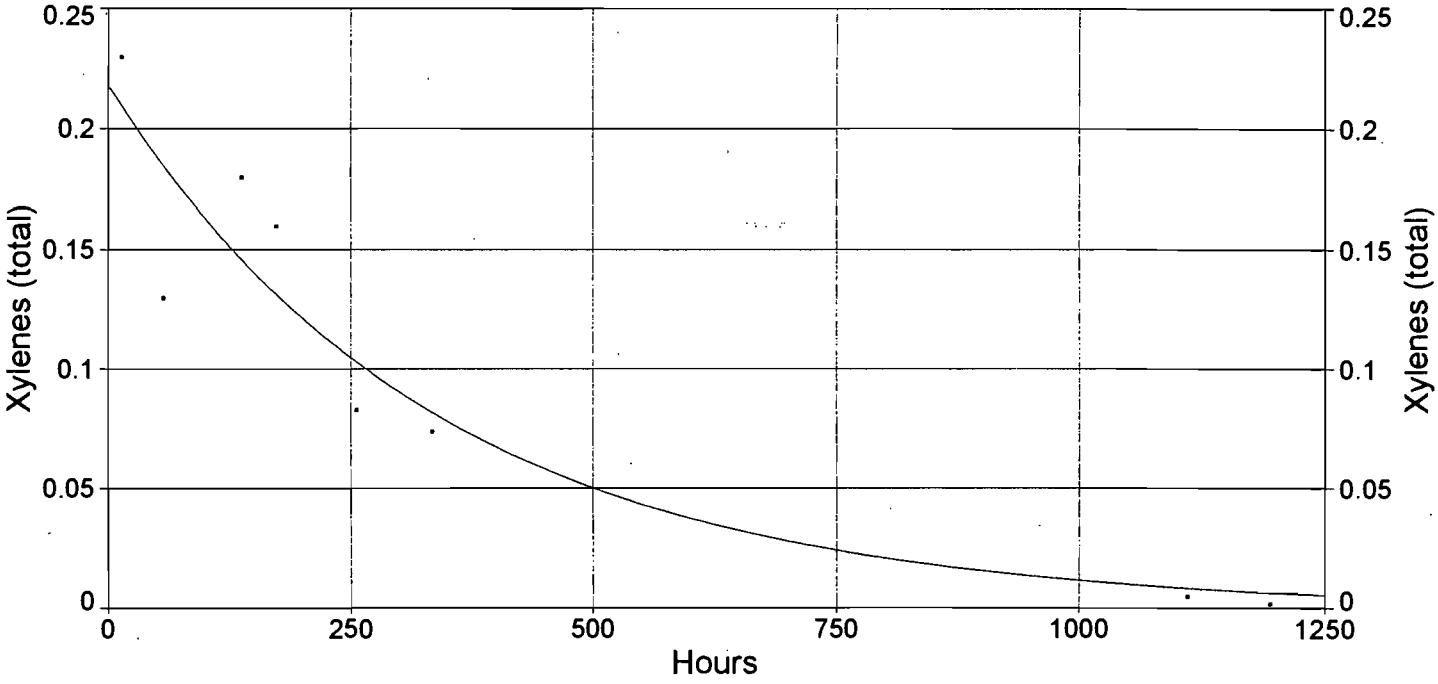
Zone 1

Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2=0.87431748 DF Adj r^2=0.82404447 FitStdErr=0.031337539 Fstat=41.739335

a=0.21823293

b=340.61577



Rank 2 Eqn 8157 [Exponential_] y=aexp(-x/b)

r^2 Coef Det	DF Adj r^2	Fit Std Err	F-value
0.8743174796	0.8240444714	0.0313375385	41.739335437

Parm	Value	Std Error	t-value	95% Confidence Limits	
a	0.218232927	0.026856548	8.125873964	0.152517320	0.283948533
b	340.6157703	102.1904749	3.333145979	90.56468646	590.6668542

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Zone 1 Xylenes (total)

$$a := \left[\int_{13}^{56.5} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 34260 \right]$$

$$b := \left[\int_{56.5}^{172.5} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32700 \right]$$

$$c := \left[\int_{172.5}^{434} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$$d := \left[\int_{434}^{692.25} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 35280 \right]$$

$$e := \left[\int_{692.25}^{863.75} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33300 \right]$$

$a = 0.08$ $\quad d = 0.105$

$b = 0.161$ $\quad e = 0.035$

$c = 0.216$

$a + b + c + d + e = 0.597$

Zone 1 Xylenes (total)

$$a := \left[\int_{863.75}^{1095.8} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32729 \right]$$

$$b := \left[\int_{1095.8}^{1127.4} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32520 \right]$$

$$c := \left[\int_{1127.4}^{1194.75} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 33840 \right]$$

$$d := \left[\int_{1194.75}^{1229.19} 0.218232927 \cdot \exp\left(\frac{-x}{340.6157703}\right) dx \cdot \left(\frac{106.17}{24.5}\right) \cdot 6.2428 \cdot 10^{-8} \cdot 32880 \right]$$

$a = 0.026$

$d = 1.906 \cdot 10^{-3}$

$b = 2.322 \cdot 10^{-3}$

$c = 4.459 \cdot 10^{-3}$

$0.597 + a + b + c + d = 0.631$

Attachment Q

Determination of the OU1 SVE System Effluent VOC Concentration

Date	Sample Type	Running Hours	Average CFM	Vinyl Chloride	lbs/cu Ft	lbs/hour removed	Trichlorofluoro-methane	lbs/cu Ft	lbs/hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs/cu Ft	lbs/hour removed	Acetone	lbs/cu Ft	lbs/hour removed	Methylene chloride	lbs/cu Ft	lbs/hour removed	trans-1,2-Dichloroethene	lbs/cu Ft	lbs/hour removed	cis-1,2-Dichloroethene	lbs/cu Ft	lbs/hour removed	Chloroform	lbs/cu Ft	lbs/hour removed	Benzene	lbs/cu Ft	lbs/hour removed	Trichloroethene	lbs/cu Ft	lbs/hour removed
18-Dec-97	Summa	28.00	587	10.000	1.593E-06	0.06	1.700	5.994E-07	0.02	2.500	1.194E-06	4.20E-02				1.600	3.463E-07	1.22E-02				130.000	3.211E-05	1.13E+00	1.200	3.650E-07	1.29E-02	2.300	4.578E-07	1.61E-02	130.000	4.352E-05	1.53E+00
22-Dec-97	Summa	73.00	587	6.200	9.874E-07	0.03	1.500	5.269E-07	0.02	1.600	7.639E-07	2.69E-02				1.900	4.112E-07	1.45E-02				64.000	1.581E-05	5.57E-01	0.520	1.582E-07	5.57E-03	1.600	3.185E-07	1.12E-02	83.000	2.779E-05	9.79E-01
29-Dec-97	Summa	156.00	566	2.900	4.618E-07	0.02	1.400	4.936E-07	0.02	1.500	7.162E-07	2.43E-02				1.600	3.463E-07	1.18E-02	0.500	1.235E-07	0.00	39.000	9.633E-06	3.27E-01	0.770	2.342E-07	7.95E-03	1.200	2.389E-07	8.11E-03	65.000	2.176E-05	7.39E-01
5-Jan-98	Summa	191.00	566	2.000	3.185E-07	0.01	0.810	2.856E-07	0.01	0.880	4.202E-07	1.43E-02	0.870	1.288E-07	4.3725E-03	0.920	1.991E-07	6.76E-03	0.290	7.163E-08	0.00	24.000	5.928E-06	2.01E-01	0.510	1.551E-07	5.27E-03	0.730	1.453E-07	4.93E-03	42.000	1.406E-05	4.78E-01
12-Jan-98	Summa	275.75	595	1.700	2.707E-07	0.01	1.100	3.878E-07	0.01	1.100	5.252E-07	1.87E-02	0.690	1.021E-07	3.6455E-03	0.690	1.493E-07	5.33E-03	0.330	8.151E-08	0.00	21.000	5.187E-06	1.85E-01	0.700	2.129E-07	7.60E-03	0.680	1.354E-07	4.83E-03	42.000	1.406E-05	5.02E-01
19-Jan-98	Summa	351.00	595	1.100	1.752E-07	0.01	0.590	2.080E-07	0.01	0.670	3.199E-07	1.14E-02				0.680	1.472E-07	5.25E-03				17.000	4.199E-06	1.50E-01	0.630	1.916E-07	6.84E-03	0.540	1.075E-07	3.84E-03	50.000	1.674E-05	5.98E-01
12-Mar-98	Summa	808.25	596	0.270	4.300E-08	0.00	0.110	3.878E-08	0.00	0.310	1.480E-07	5.29E-03				0.200	4.328E-08	1.55E-03				7.700	1.902E-06	6.80E-02	0.340	1.034E-07	3.70E-03	0.200	3.981E-08	1.42E-03	28.000	9.374E-06	3.35E-01
25-Mar-98	Summa	886.25	558				0.120	4.231E-08	0.00	0.400	1.910E-07	6.39E-03										8.700	2.149E-06	7.19E-02	0.370	1.126E-07	3.77E-03	0.170	3.384E-08	1.13E-03	36.000	1.205E-05	4.04E-01
30-Mar-98	GC	970.25	552																			11.260	2.781E-06	9.21E-02								31.420	1.052E-05	3.48E-01
2-Apr-98	GC	1030.25	549																			9.440	2.332E-06	7.68E-02								31.883	1.067E-05	3.52E-01
13-Apr-98	GC	1155.25	550																			11.990	2.962E-06	9.77E-02								19.943	6.677E-06	2.20E-01
21-Apr-98	GC	1296.25	540																			5.200	1.284E-06	4.16E-02								21.094	7.062E-06	2.29E-01
[illegible]	Summa	1910.22	542							0.100	4.775E-08	1.55E-03										3.300	8.151E-07	2.65E-02	0.300	9.126E-08	2.97E-03				13.000	4.352E-06	1.42E-01
24-Jun-98	Summa	2687.81	535							0.14	6.684E-08	2.15E-03				0.160	3.463E-08	1.13E-03				4.000	9.880E-07	3.17E-02	0.470	1.430E-07	4.59E-03	0.120	2.389E-08	7.67E-04	15.000	5.022E-06	1.61E-01
30-Jun-98	GC	2829.30	535																			2.027	5.007E-07	1.61E-02								10.144	3.396E-06	1.09E-01
23-Jul-98	Summa	3327.36	559							0.076	3.629E-08	1.22E-03				0.027	5.843E-09	1.88E-04	0.04	9.880E-09	0.00	2.600	6.422E-07	2.15E-02	0.190	5.760E-08	1.94E-03	0.037	7.365E-09	2.47E-04	9.500	3.181E-06	1.07E-01
30-Jul-98	GC	3477.69	558																			2.384	5.889E-07	1.97E-02								8.767	2.935E-06	9.83E-02
5-Aug-98	GC	3620.84	558																			2.212	5.464E-07	1.83E-02								7.425	2.486E-06	8.32E-02
13-Aug-98	GC	3811.67	525																			2.010	4.965E-07	1.56E-02								7.280	2.437E-06	7.68E-02
20-Aug-98	GC	3974.59	525																			1.777	4.389E-07	1.38E-02								7.509	2.514E-06	7.92E-02
31-Aug-98	GC	4161.74	525																			2.304	5.691E-07	1.79E-02								7.437	2.490E-06	7.84E-02
1-Sep-98	GC	4186.95	563																			2.307	5.699E-07	1.92E-02								8.235	2.757E-06	9.31E-02
16-Sep-98	Summa	4539.33	563							0.1	4.775E-08	1.61E-03				0.06	1.298E-08	4.39E-04				2.300	5.681E-07	1.92E-02	0.200	6.084E-08	2.06E-03				11.000	3.683E-06	1.24E-01
21-Sep-98	GC	4658.53	563																			1.888	4.664E-07	1.58E-02								6.327	2.118E-06	7.16E-02
22-Sep-98	GC	4682.46	563																			1.628	4.021E-07	1.36E-02								6.713	2.247E-06	7.59E-02
23-Sep-98	GC	4706.64	563																			1.927	4.760E-07	1.61E-02								7.715	2.583E-06	8.73E-02
24-Sep-98	GC	4730.07	563																			2.268	5.602E-07	1.89E-02								8.733	2.924E-06	9.88E-02
28-Sep-98	GC	4822.00	563																			1.745	4.310E-07	1.46E-02								6.747	2.259E-06	7.63E-02
29-Sep-98	GC	4845.68	563																			1.758	4.342E-07	1.47E-02								7.283	2.438E-06	8.24E-02
30-Sep-98	GC	4871.11	563																			1.536	3.794E-07	1.28E-02								6.514	2.181E-06	7.37E-02
1-Oct-98	GC	4894.79	563																			1.741	4.300E-07	1.45E-02								7.278	2.437E-06	8.23E-02
5-Oct-98	GC	4989.97	563																			1.713	4.231E-07	1.43E-02								6.567	2.199E-06	7.43E-02
6-Oct-98	GC	5013.40	563																			1.261	3.115E-07	1.05E-02								6.057	2.028E-06	6.85E-02
7-Oct-98	GC	5037.33	563																			1.579	3.900E-07	1.32E-02								5.309	1.777E-06	6.00E-02
12-Oct-98	Summa	5137.26	563													0.063	1.363E-08	4.61E-04				2.000	4.940E-07	1.67E-02	0.180	5.475E-08	1.85E-03				9.700	3.247E-06	1.10E-01
21-Oct-98	GC	5292.37	563																			0.933	2.305E-07	7.78E-03								6.548	2.192E-06	7.41E-02
06-Nov-98	GC	5304.55	535																			2.076	5.133E-07	1.65E-02								6.015	2.014E-06	6.46E-02
18-Nov-98	Summa	5590.02	530													0.048	1.039E-08	3.33E-04	0.022	5.434E-09	0.00	1.800	4.446E-07	1.41E-02	0.160	4.867E-08	1.55E-03				8.400	2.812E-06	8.94E-02
25-Nov-98	Summa	5755.03	532																			1.900	4.693E-07	1.50E-02	0.150	4.563E-08	1.46E-03				8.200	2.745E-06	8.76E-02
9-Dec-98	Summa	6086.21	504	0.100	1.593E-08	0.00	0.007	2.468E-09	0.00	0.096	4.584E-08	1.39E-03				0.043	9.306E-09	2.97E-04	0.028	6.916E-09	0.00	1.900	4.693E-07	1.42E-02	0.130	3.954E-08	1.20E-03	0.022	4.379E-09	1.32E-04	6.900	2.310E-06	6.99E-02
18-Dec-98	Summa	6305.46	518																			1.700	4.199E-07	1.31E-02	0.240	7.301E-08	2.27E-03				7.100	2.377E-06	7.39E-02
30-Dec-98	GC	6575.44	519																			1.857	4.587E-07	1.43E-02								1.145	3.833E-07	1.19E-02
04-Jan-99	GC	6695.17	534																			2.501	6.178E-07	1.98E-02								14.943	5.003E-06	1.60E-01
06-Jan-99	GC	6741.78	536																			2.337	5.773E-07	1.86E-02								13.608	4.556E-06	1.47E-01
11-Jan-99	GC	6863.14	534																			2.024	5.000E-07	1.60E-02								12.157	4.070E-06	1.30E-01
26-Jan-99	GC	7238.75	518													0.06	1.298E-08	4.16E-04				2.110	5.212E-07	1.62E-02								13.688	4.583E-06	1.42E-01
02-Feb-99	GC	7358.75	501													0.045	9.738E-09	3.03E-04				1.867	4.612E-07	1.39E-02								12.972	4.343E-06	1.31E-01
09-Feb-99	GC	7526.75	497													0.047	1.017E-08	3.06E-04				2.276	5.622E-07	1.68E-02								14.539	4.868E-06	1.45E-01
10-Feb-99	GC	7550.75	497													0.035	7.574E-09	2.26E-04				1.932	4.772E-07	1.42E-02								13.051	4.369E-06	1.30E-01
15-Feb-99	GC	7677.75	497													0.062	1.342E-08	4.00E-04				1.701	4.202E-07	1.25E-02								11.826	3.959E-06	1.18E-01
16-Feb-99	GC	7696.00	497													0.08	1.731E-08	5.16E-04				1.821	4.498E-07	1.34E-02								11.193	3.747E-06	1.12E-01
22-Mar-99	GC L BC	7973.15	527																			0.265	6.541E-08	2.07E-03								2.585	8.655E-07	2.74E-02
22-Mar-99	GC L BC	7978.65	527																			0.327	8.083E-08	2.56E-03								2.506	8.389E-07	2.65E-02
23-Mar-99	GC L BC	7996.90	527													0.158	3.418E-08	1.08E-03														4.215	1.411E-06	4.46E-02
24-Mar-99	GC L BC	8020.40	527																			0.527	1.301E-07	4.11E-03								2.631	8.809E-07	2.79E-02
25-Mar-99	GC L BC	8044.15	530													0.433	9.372E-08	2.96E-03				0.164	4.062E-08	1.29E-03								2.432	8.142E-07	2.59E-02
25-Mar-99	GC L BC	8051.40	530																													1.964	6.574E-07	2.09E-02
29-Mar-99	GC L BC	8141.90	548																			0.347	8.561E-08	2.81E-03								2.611	8.741E-07	2.87E-02
29-Mar-99	GC L BC	8145.40	548																													2.126	7.118E-07	2.34E-02
30-Mar-99	GC L BC	8164.40	548																			0.454	1.122E-07	3.69E-03								1.850	6.193E-07	2.04E-02
31-Mar-99	GC L BC	8188.15	548																													1.944	6.509E-07	2.14E-02
31-Mar-99	Summa	8188.15	548	0.070	1.115E-08	0.00				0.073	3.485E-08	1.15E-03				0.043	9.306E-09	3.06E-04				1.100	2.717E-07	8.93E-03	0.180	5.475E-08	1.80E-03				4.300	1.440E-06	4.73E-02
1-Apr-99	GC T BC	8210.90	550													0.058	1.250E-08	4.11E-04				0.861	2.127E-07	7.02E-03				0.018	3.644E-09	1.20E-04	5.258	1.760E-06	5.81E-02
1-Apr-99	GC T BC	8213.90	550													0.055	1.186E-08	3.91E-04				0.753	1.861E-07	6.14E-03				0.012	2.429E-09	8.02E-05	4.701	1.574E-06	5.19E-02
5-Apr-99	GC T BC	8308.15	550													0.049	1.067E-08	3.52E-04				0.843	2.083E-07	6.87E-03				0.012	2.312E-09	7.63E-05	5.822	1.949E-06	6.43E-02
5-Apr-99	Summa	8308.15	550	0.067	1.067E-08	0.00				0.083	3.963E-08	1.31E-03				0.041	8.873E-09	2.93E-04	0.017	4.199E-09	0.00	1.100	2.717E-07	8.97E-03	0.180	5.475E-08	1.81E-03				4.800	1.607E-06	5.30E-02
7-Apr-99	GC T BC	8353.99	539													0.047	1.017E-08	3.36E-04				0.832	2.056E-07	6.65E-03				0.012	2.345E-09	7.58E-05	5.749	1.925E-06	6.22E-02
8-Apr-99	GC T BC	8377.67	539													0.047	1.008E-08	3.26E-04				0.764	1.888E-07	6.11E-03				0.011	2.136E-09	6.91E-05	6.497	2.175E-06	7.03E-02
8-Apr-99	GC T BC	8382.42	539													0.065	1.412E-08	4.57E-04				0.970	2.395E-07	7.75E-03				0.021	4.252E-09	1.37E-04	7.263	2.432E-06	7.86E-02
12-Apr-99	GC T BC	8473.79	539													0.047	1.015E-08	3.28E-04				1.013	2.502E-07	8.09E-03				0.013	2.493E-09	8.06E-05	7.946	2.660E-06	8.60E-02
13-Apr-99	GC T BC	8502.47	539																			0.877	2.166E-07	7.01E-03				0.010	1.976E-09	6.39E-05	7.317	2.450E-06	7.92E-02
14-Apr-99	GC T BC	8520.48	512													0.050	1.091E-08	3.53E-04				1.016	2.510E-07	7.71E-03				0.011	2.131E-09	6.55E-05	9.120	3.053E-06	9.38E-02
14-Apr-99	GC T BC	8525.98	512													0.049	1.061E-08	3.26E-04				0.889	2.197E-07	6.75E-03				0.011	2.158E-09	6.63E-05	7.598	2.544E-06	7.81E-02
15-Apr-99	GC T BC	8544.09	512													0.050	1.075E-08	3.30E-04				0.837	2.068E-07	6.35E-03				0.012	2.401E-09	7.38E-05	7.135	2.389E-06	7.34E-02
15-Apr-99	GC T BC	8549.34	512													0.048	1.031E-08	3.17E-04				0.847	2.092E-07	6.43E-03				0.009	1.833E-09	5.63E-05	6.901	2.310E-06	7.10E-02
19-Apr-99	GC T BC	8646.45	539													0.051	1.110E-08	3.41E-04				0.830	2.050E-07	6.63E-03				0.008	1.645E-09	5.32E-05	5.993	2.007E-06	6.49E-02
20-Apr-99	GC T BC	8663.08	539													0.042	9.115E-09	2.95E-04				0.929	2.292E-07	7.41E-03				0.009	1.831E-09	5.92E-05	8.225	2.754E-06	8.91E-02
20-Apr-99	GC T BC	8667.08	539													0.046	9.874E-09	3.19E-04				0.882	2.179E-07	7.05E-03				0.008	1.641E-09	5.31E-05	8.177	2.738E-06	8.85E-02
21-Apr-99	GC T BC	8692.19	539													0.051	1.098E-08	3.55E-04				0.820	2.025E-07	6.55E-03				0.008	1.510E-09	4.88E-05	7.601	2.545E-06	8.23E-02
22-Apr-99	GC T BC	8710.87	539													0.051	1.093E-08	3.54E-04				0.837	2.067E-07	6.68E-03				0.007	1.385E-09	4.48E-05	7.329	2.454E-06	7.93E-02
22-Apr-99	GC T BC	8714.37	539													0.050	1.084E-08	3.51E-04				0.762	1.882E-07	6.08E-03				0.008	1.585E-09	5.13E-05	6.852	2.294E-06	7.42E-02
26-Apr-99	GC T BC	8805.98	539													0.046	9.944E-09	3.22E-04				0.894	2.208E-07	7.14E-03				0.009	1.823E-09	5.89E-05	7.379	2.470E-06	7.99E-02
26-Apr-99	GC T BC	8810.23	539													0.044	9.560E-09	3.10E-04				0.847	2.091E-07	6.76E-03				0.009	1.792E-09	5.80E-05	7.096	2.376E-06	7.68E-02
26-Apr-99	GC T BC	8853.34	539													0.054	1.169E-08	3.78E-04				0.874	2.160E-07	6.98E-03				0.009	1.716E-09	5.55E-05	7.607	2.547E-06	8.24E-02

Date	Sample Type	Running Hours	Average CFM	Vinyl Chloride	lbs /cu Ft	lbs /hour removed	Trichlorofluoro-Trichlorofluoro-methane	lbs /cu Ft	lbs /hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs /cu Ft	lbs /hour removed	Acetone	lbs /cu Ft	lbs /hour removed	Methylene chloride	lbs /cu Ft	lbs /hour removed	trans-1,2-Dichloroethene	lbs /cu Ft	lbs /hour removed	cis-1,2-Dichloroethene	lbs /cu Ft	lbs /hour removed	Chloroform	lbs /cu Ft	lbs /hour removed	Benzene	lbs /cu Ft	lbs /hour removed	Trichloroethene	lbs /cu Ft	lbs /hour removed
28-Apr-99	GC T BC	8859.09	539													0.052	1.118E-08	3.62E-04				0.799	1.974E-07	6.38E-03				0.010	2.063E-09	6.67E-05	7.638	2.557E-06	8.27E-02
3-May-99	GC T BC	8965.87	538													0.051	1.096E-08	3.54E-04				0.840	2.076E-07	6.70E-03				0.008	1.639E-09	5.29E-05	7.345	2.459E-06	7.94E-02
4-May-99	GC T BC	8989.02	538													0.046	9.925E-09	3.20E-04				0.854	2.109E-07	6.81E-03				0.009	1.725E-09	5.57E-05	7.795	2.610E-06	8.42E-02
4-May-99	GC T BC	8993.52	538													0.041	8.850E-09	2.86E-04				0.758	1.873E-07	6.05E-03				0.007	1.432E-09	4.62E-05	7.207	2.413E-06	7.79E-02
6-May-99	GC T BC	9028.83	532													0.053	1.136E-08	3.67E-04				0.876	2.164E-07	6.91E-03				0.009	1.764E-09	5.63E-05	7.121	2.384E-06	7.61E-02
[redacted]	GC T BC	9124.33	532													0.040	8.667E-09	2.77E-04				0.641	1.583E-07	5.05E-03				0.005	9.802E-10	3.13E-05	6.140	2.056E-06	6.56E-02
[redacted]	GC T BC	9179.06	542													0.052	1.117E-08	3.57E-04				0.841	2.079E-07	6.76E-03				0.009	1.764E-09	5.74E-05	7.491	2.508E-06	8.16E-02
14-Jun-99	GC T BC	9585.24	547													0.013	2.896E-09	9.42E-05				1.088	2.688E-07	8.82E-03				0.002	4.044E-10	1.33E-05	7.644	2.559E-06	8.40E-02
16-Jun-99	GC T BC	9636.42	547													0.014	3.074E-09	1.01E-04				0.996	2.459E-07	8.07E-03				0.004	7.251E-10	2.38E-05	6.124	2.050E-06	6.73E-02
17-Jun-99	GC T BC	9655.10	547													0.011	2.419E-09	7.94E-05				0.733	1.811E-07	5.95E-03				0.003	4.986E-10	1.64E-05	5.174	1.732E-06	5.68E-02
21-Jun-99	GC T BC	9751.78	547													0.020	4.379E-09	1.44E-04				1.005	2.482E-07	8.15E-03				0.004	8.892E-10	2.92E-05	7.347	2.460E-06	8.07E-02
24-Jun-99	GC T BC	9823.71	547													0.017	3.606E-09	1.18E-04				0.782	1.932E-07	6.34E-03				0.003	6.826E-10	2.24E-05	6.601	2.210E-06	7.25E-02
28-Jun-99	GC T BC	9919.64	547													0.017	3.755E-09	1.23E-04				0.881	2.176E-07	7.14E-03				0.004	6.981E-10	2.29E-05	7.154	2.395E-06	7.86E-02
1-Jul-99	GC T BC	9991.57	547													0.018	3.835E-09	1.26E-04				0.839	2.073E-07	6.80E-03				0.004	7.143E-10	2.34E-05	6.747	2.259E-06	7.41E-02
6-Jul-99	GC T BC	10072.00	547													0.024	5.277E-09	1.73E-04				0.967	2.388E-07	7.84E-03				0.005	9.877E-10	3.24E-05	7.391	2.475E-06	8.12E-02
8-Jul-99	GC T BC	10115.00	547													0.013	2.875E-09	9.44E-05				0.818	2.021E-07	6.63E-03				0.002	4.902E-10	1.61E-05	6.617	2.215E-06	7.27E-02
12-Jul-99	GC T BC	10211.43	547													0.017	3.600E-09	1.18E-04				0.894	2.207E-07	7.24E-03				0.003	6.008E-10	1.97E-05	6.708	2.246E-06	7.37E-02
15-Jul-99	GC T BC	10282.86	547													0.016	3.398E-09	1.12E-04				0.799	1.975E-07	6.48E-03				0.002	4.975E-10	1.63E-05	6.371	2.133E-06	7.00E-02
19-Jul-99	GC T BC	10380.04	547																			0.752	1.857E-07	6.09E-03				0.014	2.738E-09	8.99E-05	6.354	2.127E-06	6.98E-02
22-Jul-99	GC T BC	10452.47	530													0.022	4.779E-09	1.57E-04				1.059	2.617E-07	8.32E-03				0.002	4.821E-10	1.53E-05	9.698	3.247E-06	1.03E-01
26-Jul-99	GC T BC	10548.07	536													0.021	4.512E-09	1.43E-04				0.742	1.834E-07	5.90E-03				0.002	3.309E-10	1.06E-05	7.175	2.402E-06	7.73E-02
29-Jul-99	GC T BC	10620.00	536																			0.926	2.288E-07	7.36E-03				0.015	3.078E-09	9.90E-05	7.620	2.551E-06	8.20E-02
2-Aug-99	GC T BC	10715.68	535													0.017	3.774E-09	1.21E-04				0.811	2.004E-07	6.43E-03				0.001	1.995E-10	6.40E-06	7.138	2.390E-06	7.67E-02
5-Aug-99	GC T BC	10786.61	535													0.018	3.944E-09	1.27E-04				0.802	1.981E-07	6.36E-03				0.001	1.818E-10	5.83E-06	7.299	2.444E-06	7.84E-02
9-Aug-99	GC T BC	10882.79	535													0.020	4.291E-09	1.38E-04				0.911	2.250E-07	7.22E-03				0.001	2.335E-10	7.50E-06	7.607	2.547E-06	8.18E-02
12-Aug-99	GC T BC	10954.52	535													0.016	3.564E-09	1.14E-04				0.818	2.020E-07	6.48E-03							6.896	2.309E-06	7.41E-02
16-Aug-99	GC T BC	11051.15	535													0.019	4.166E-09	1.34E-04				0.925	2.286E-07	7.34E-03				0.001	2.056E-10	6.60E-06	7.517	2.516E-06	8.08E-02
19-Aug-99	GC T BC	11122.83	535													0.019	4.052E-09	1.30E-04				0.903	2.231E-07	7.16E-03				0.003	6.699E-10	2.15E-05	7.321	2.451E-06	7.87E-02
23-Aug-99	GC T BC	11218.76	535													0.018	3.885E-09	1.25E-04				0.939	2.319E-07	7.44E-03				0.002	3.207E-10	1.03E-05	7.637	2.557E-06	8.21E-02
26-Aug-99	GC T BC	11290.69	535													0.017	3.577E-09	1.15E-04				0.796	1.966E-07	6.31E-03				0.002	3.764E-10	1.21E-05	7.062	2.364E-06	7.59E-02
30-Aug-99	GC T BC	11386.62	535													0.018	3.995E-09	1.28E-04				0.928	2.292E-07	7.36E-03				0.002	3.525E-10	1.13E-05	7.266	2.433E-06	7.81E-02
2-Sep-99	GC T BC	11434.81	535																			0.800	1.977E-07	6.35E-03				0.001	1.827E-10	5.87E-06	6.383	2.137E-06	6.86E-02
7-Sep-99	GC T BC	11554.56	549													0.015	3.257E-09	1.05E-04				0.715	1.766E-07	5.82E-03							6.001	2.009E-06	6.62E-02
9-Sep-99	GC T BC	11602.24	549													0.017	3.660E-09	1.21E-04				0.861	2.126E-07	7.00E-03							7.148	2.393E-06	7.88E-02
13-Sep-99	GC T BC	11698.92	549													0.014	2.936E-09	9.67E-05				0.760	1.877E-07	6.18E-03							6.440	2.156E-06	7.10E-02
14-Sep-99	Summa	11721.85	549	0.046	7.326E-09	0.00	0.016	5.641E-09	0.00	0.053	2.531E-08	8.34E-04				0.028	6.059E-09	2.00E-04				0.690	1.704E-07	5.61E-03	0.13	3.954E-08	1.30E-03	0.004	7.962E-10	2.62E-05	2.000	6.696E-07	2.21E-02
15-Sep-99	GC T BC	11732.10	549													0.018	3.965E-09	1.31E-04				0.848	2.096E-07	6.90E-03				0.097	1.926E-08	6.34E-04	7.427	2.486E-06	8.19E-02
16-Sep-99	GC T BC	11753.85	549													0.012	2.578E-09	8.49E-05				0.917	2.264E-07	7.46E-03				0.001	2.041E-10	6.72E-06	6.680	2.236E-06	7.37E-02
20-Sep-99	GC T BC	11845.78	549													0.012	2.518E-09	8.30E-05				0.726	1.794E-07	5.91E-03							6.313	2.114E-06	6.96E-02
23-Sep-99	GC T BC	11917.96	549																			0.961	2.375E-07	7.82E-03							6.964	2.331E-06	7.68E-02
27-Sep-99	GC T BC	12017.89	549													0.011	2.418E-09	7.97E-05				0.747	1.846E-07	6.08E-03							6.057	2.028E-06	6.68E-02
30-Sep-99	GC T BC	12086.32	549																			0.802	1.981E-07	6.53E-03							6.680	2.236E-06	7.37E-02
4-Oct-99	GC T BC	12186.25	549																			0.659	1.628E-07	5.36E-03							4.939	1.653E-06	5.45E-02
7-Oct-99	GC T BC	12252.93	541																			0.714	1.764E-07	5.73E-03							5.161	1.728E-06	5.61E-02
11-Oct-99	GC T BC	12350.61	541																			0.615	1.518E-07	4.93E-03							4.682	1.567E-06	5.09E-02
14-Oct-99	GC T BC	12421.04	541																			0.657	1.623E-07	5.27E-03							4.544	1.521E-06	4.94E-02
18-Oct-99	GC T BC	12517.72	541																			0.669	1.654E-07	5.37E-03							4.569	1.530E-06	4.96E-02
21-Oct-99	GC T BC	12589.65	541																			0.702	1.735E-07	5.63E-03							4.817	1.613E-06	5.23E-02
25-Oct-99	GC T BC	12685.58	541																			0.695	1.717E-07	5.57E-03							4.677	1.566E-06	5.08E-02
28-Oct-99	GC T BC	12757.01	541																			0.638	1.575E-07	5.11E-03							4.543	1.521E-06	4.94E-02
1-Nov-99	GC T BC	12853.44	541																			0.540	1.334E-07	4.33E-03							3.913	1.310E-06	4.25E-02
4-Nov-99	GC T BC	12925.12	541																			0.643	1.588E-07	5.16E-03							3.825	1.281E-06	4.16E-02
8-Nov-99	GC T BC	13021.05	541																			0.599	1.480E-07	4.80E-03							3.912	1.310E-06	4.25E-02
11-Nov-99	GC T BC	13092.73	526																			0.518	1.280E-07	4.04E-03							3.330	1.115E-06	3.52E-02
15-Nov-99	GC T BC	13188.91	526																			0.639	1.579E-07	4.98E-03							4.180	1.399E-06	4.42E-02
18-Nov-99	GC T BC	13261.84	526																			0.621	1.533E-07	4.84E-03							4.192	1.403E-06	4.43E-02
22-Nov-99	GC T BC	13357.21	526													0.010	2.222E-09	7.01E-05				0.535	1.320E-07	4.17E-03							4.002	1.340E-06	4.23E-02
24-Nov-99	GC T BC	13404.89	526													0.011	2.465E-09	7.78E-05				0.634	1.566E-07	4.94E-03							4.417	1.479E-06	4.67E-02
29-Nov-99	GC T BC	13524.57	526																			0.679	1.677E-07	5.29E-03							4.584	1.535E-06	4.84E-02
2-Dec-99	GC T BC	13596.75	526																			0.730	1.804E-07	5.69E-03							4.976	1.666E-06	5.26E-02
6-Dec-99	GC T BC	13692.93	526																			0.684	1.690E-07	5.33E-03							4.776	1.599E-06	5.05E-02
9-Dec-99	GC T BC	13763.86	524																			0.709	1.751E-07	5.50E-03							4.729	1.583E-06	4.98E-02
16-Dec-99	GC T BC	13909.29	524																			0.561	1.385E-07	4.35E-03							3.678	1.231E-06	3.87E-02
20-Dec-99	GC T BC	14005.91	524																			0.594	1.467E-07	4.61E-03							4.086	1.368E-06	4.30E-02
3-Jan-00	GC T BC	14321.59	541																			0.595	1.471E-07	4.77E-03							4.727	1.583E-06	5.14E-02
6-Jan-00	GC T BC	14385.02	541																			0.432	1.067E-07	3.46E-03							2.606	8.725E-07	2.83E-02
10-Jan-00	GC T BC	14476.49	541																			0.540	1.333E-07	4.33E-03							3.817	1.278E-06	4.15E-02
10-Jan-00	Summa	14476.49	541	0.047	7.465E-09	0.00	0.004	1.410E-09	0.00	0.07	3.342E-08	1.08E-03				0.020	4.328E-09	1.40E-04				0.780	1.927E-07	6.25E-03	0.130	3.954E-08	1.28E-03	0.003	5.972E-10	1.94E-05	3.300	1.105E-06	3.59E-02
17-Jan-00	GC T BC	14633.94	542																			0.554	1.368E-07	4.45E-03							4.609	1.543E-06	5.02E-02
24-Jan-00	GC T BC	14788.30	542																			0.607	1.499E-07	4.68E-03							3.772	1.263E-06	4.11E-02
		14788.30																															

Date	Sample Type	Running Hours	Average CFM	Toluene	lbs/cu. ft.	lbs/hour removed	Tetrachloroethene	lbs/cu. ft.	lbs/hour removed	Ethylbenzene	lbs/cu. ft.	lbs/hour removed	Xylenes (total)	lbs/cu. ft.	lbs/hour removed	total lbs/hr removed	step est. lbs removed	low est. lbs removed	high est. lbs removed	high/low average
18-Dec-97	Summa	28.00	587	220.000	5.166E-05	1.82E+00	10.000	4.225E-06	1.49E-01	1.400	3.787E-07	1.33E-02	7.400	2.002E-06	7.05E-02	4.88	109.7167	0	219.4334	109.7167
22-Dec-97	Summa	73.00	587	130.000	3.052E-05	1.08E+00	6.100	2.578E-06	9.08E-02	0.900	2.435E-07	8.58E-03	5.300	1.434E-06	5.05E-02	2.87	183.8069	129.2392	238.3746	183.8069
29-Dec-97	Summa	156.00	566	75.000	1.761E-05	5.98E-01	5.200	2.197E-06	7.46E-02	0.580	1.569E-07	5.33E-03	3.700	1.001E-06	3.40E-02	1.87	110.1501	2.821387	65.34326	34.08232
5-Jan-98	Summa	191.00	566	46.000	1.080E-05	3.67E-01	3.600	1.521E-06	5.17E-02	0.380	1.028E-07	3.49E-03	2.400	6.493E-07	2.20E-02	1.16	70.73846	41.34908	100.1238	70.73846
12-Jan-98	Summa	275.75	595	35.000	8.218E-06	2.93E-01	3.600	1.521E-06	5.43E-02	0.260	7.575E-08	2.70E-03	2.200	5.952E-07	2.12E-02	1.13	90.03203	95.37768	84.68638	90.03203
19-Jan-98	Summa	351.00	595	41.000	9.627E-06	3.44E-01	3.300	1.394E-06	4.98E-02	0.190	5.140E-08	1.84E-03	1.500	4.058E-07	1.45E-02	1.20	319.057	90.17479	547.9392	319.057
12-Mar-98	Summa	808.25	596	22.000	5.166E-06	1.85E-01	1.800	7.606E-07	2.72E-02		0.000E+00	########	0.890	2.408E-07	8.61E-03	0.64	170.9209	292.0265	49.81534	170.9209
25-Mar-98	Summa	886.25	558	26.000	6.105E-06	2.04E-01	2.000	8.451E-07	2.83E-02				0.760	2.056E-07	6.88E-03	0.73	58.94774	56.76449	61.13099	58.94774
30-Mar-98	GC	970.25	552	19.130	4.492E-06	1.49E-01	2.370	1.001E-06	3.32E-02							0.62	44.81644	52.20584	37.34703	44.81644
2-Apr-98	GC	1030.25	549	20.400	4.780E-06	1.58E-01	0.820	3.465E-07	1.14E-02							0.60	55.27928	35.85683	74.70174	55.27928
13-Apr-98	GC	1155.25	550	14.210	3.337E-06	1.10E-01										0.43	56.94735	53.52195	60.37276	56.94735
21-Apr-98	GC	1296.25	540	7.960	1.869E-06	6.06E-02										0.33	124.9423	46.66905	203.2156	124.9423
########	Summa	1910.22	542	9.900	2.325E-06	7.56E-02	0.680	2.873E-07	9.34E-03	0.240	6.493E-08	2.11E-03	0.590	1.596E-07	5.19E-03	0.26	184.2477	162.5834	205.9119	184.2477
24-Jun-98	Summa	2687.81	535	12.000	2.818E-06	9.04E-02	0.700	2.958E-07	9.49E-03	0.250	6.763E-08	2.17E-03	0.500	1.353E-07	4.34E-03	0.31	141.539	239.4997	43.5782	141.539
30-Jun-98	GC	2829.30	535	5.816	1.366E-06	4.38E-02										0.17	54.01769	23.90067	109.5292	66.71492
23-Jul-98	Summa	3327.36	559	8.200	1.925E-06	6.46E-02	0.580	2.451E-07	8.22E-03	0.055	1.488E-08	4.99E-04	0.210	5.681E-08	1.91E-03	0.21	67.21838	103.2674	31.16932	67.21838
30-Jul-98	GC	3477.69	558	6.800	1.597E-06	5.35E-02	0.051	2.155E-08	7.21E-04							0.17	25.26302	25.88109	24.64496	25.26302
5-Aug-98	GC	3620.84	558	5.292	1.243E-06	4.16E-02	0.112	4.733E-08	1.58E-03	0.081	2.383E-07	7.98E-03				0.15	25.49683	21.85682	29.13683	25.49683
13-Aug-98	GC	3811.67	525	5.223	1.226E-06	3.86E-02				0.174	4.707E-08	1.48E-03				0.13	23.44092	25.29035	21.59149	23.44092
20-Aug-98	GC	3974.59	525	3.345	7.901E-07	2.49E-02										0.12	20.6375	19.20908	22.06592	20.6375
31-Aug-98	GC	4161.74	525	4.062	9.538E-07	3.00E-02	0.197	8.324E-08	2.62E-03							0.13	13.69973	24.14677	3.252685	13.69973
1-Sep-98	GC	4186.95	563	5.144	1.208E-06	4.08E-02	0.127	5.366E-08	1.81E-03							0.15	29.26234	3.907431	54.61724	29.26234
16-Sep-98	Summa	4539.33	563	6.600	1.550E-06	5.23E-02	0.590	2.493E-07	8.42E-03	0.028	7.575E-09	2.56E-04	0.095	2.570E-08	8.68E-04	0.21	49.42041	73.85709	24.98373	49.42041
21-Sep-98	GC	4658.53	563	5.068	1.190E-06	4.02E-02										0.13	9.124927	15.19865	3.051205	9.124927
22-Sep-98	GC	4682.46	563	7.780	1.827E-06	6.17E-02										0.15	3.637411	3.618509	3.656312	3.637411
23-Sep-98	GC	4706.64	563	7.124	1.673E-06	5.65E-02										0.16	3.804891	3.86483	3.744953	3.804891
24-Sep-98	GC	4730.07	563	6.031	1.416E-06	4.78E-02	0.12	5.071E-08	1.71E-03							0.17	9.646255	3.918373	15.37414	9.646255
28-Sep-98	GC	4822.00	563	4.851	1.139E-06	3.85E-02	0.596	2.518E-07	8.51E-03							0.14	7.968308	12.67237	3.264243	7.968308
29-Sep-98	GC	4845.68	563	5.145	1.208E-06	4.08E-02										0.14	3.384739	3.264126	3.505351	3.384739
30-Sep-98	GC	4871.11	563	4.691	1.101E-06	3.72E-02	0.238	1.006E-07	3.40E-03							0.13	3.120696	3.2319	3.009493	3.120696
1-Oct-98	GC	4894.79	563	6.355	1.492E-06	5.04E-02										0.15	8.750601	3.486694	14.01451	8.750601
5-Oct-98	GC	4989.97	563	3.927	9.221E-07	3.11E-02										0.12	7.099364	11.39394	2.80479	7.099364
6-Oct-98	GC	5013.40	563	3.648	8.566E-07	2.89E-02										0.11	2.556426	2.529434	2.583415	2.556426
7-Oct-98	GC	5037.33	563	5.34	1.254E-06	4.24E-02										0.12	7.157357	2.765631	11.54908	7.157357
12-Oct-98	Summa	5137.26	563	4.900	1.151E-06	3.89E-02	0.580	2.451E-07	8.28E-03							0.18	22.42344	17.57195	27.27494	22.42344
21-Oct-98	GC	5292.37	563	1.800	4.227E-07	1.43E-02	0.306	1.293E-07	4.37E-03							0.10	8.404907	15.58593	1.223886	8.404907
06-Nov-98	GC	5304.55	535	1.902	4.466E-07	1.43E-02	0.212	8.958E-08	2.88E-03							0.10	14.63399	1.197662	28.07032	14.63399
18-Nov-98	Summa	5590.02	530	3.600	8.453E-07	2.69E-02	0.580	2.451E-07	7.79E-03				0.064	1.731E-08	5.51E-04	0.14	31.72444	40.20767	23.24121	31.72444
25-Nov-98	Summa	5755.03	532	3.700	8.688E-07	2.77E-02	0.560	2.366E-07	7.55E-03				0.064	1.731E-08	5.53E-04	0.14	34.70958	23.08562	46.33354	34.70958
9-Dec-98	Summa	6086.21	504	2.600	6.105E-07	1.85E-02	0.430	1.817E-07	5.49E-03	0.011	2.976E-09	9.00E-05	0.047	1.271E-08	3.84E-04	0.11	30.89448	37.17688	24.61208	30.89448
18-Dec-98	Summa	6305.46	518	2.600	6.105E-07	1.90E-02	0.460	1.944E-07	6.04E-03							0.11	27.9383	25.04127	30.83532	27.9383
30-Dec-98	GC	6575.44	519	2.348	5.513E-07	1.72E-02	0.194	8.197E-08	2.55E-03							0.05	8.952016	12.4034	5.500628	8.952016
04-Jan-99	GC	6695.17	534	4.952	1.163E-06	3.73E-02	0.393	1.661E-07	5.32E-03							0.22	18.51852	26.65893	10.37812	18.51852
06-Jan-99	GC	6741.78	536	4.026	9.453E-07	3.04E-02	0.325	1.373E-07	4.42E-03							0.20	16.78855	9.31731	24.25979	16.78855
11-Jan-99	GC	6863.14	534	3.012	7.072E-07	2.27E-02										0.17	42.01467	20.51995	63.50938	42.01467
28-Jan-99	GC	7238.75	518	4.852	1.139E-06	3.54E-02	0.404	1.707E-07	5.31E-03							0.20	49.50091	75.03092	23.9709	49.50091
02-Feb-99	GC	7358.75	501	4.874	1.144E-06	3.44E-02	0.382	1.614E-07	4.85E-03							0.18	26.49137	22.07615	30.9066	26.49137
09-Feb-99	GC	7526.75	497	6.236	1.464E-06	4.37E-02	0.441	1.863E-07	5.56E-03							0.21	20.29837	35.52215	5.074593	20.29837
10-Feb-99	GC	7550.75	497	5.224	1.227E-06	3.66E-02	0.261	1.103E-07	3.29E-03							0.18	13.93867	4.430836	23.44651	13.93867
15-Feb-99	GC	7677.75	497	3.175	7.455E-07	2.22E-02	0.214	9.043E-08	2.70E-03							0.16	11.32383	19.80209	2.845576	11.32383
16-Feb-99	GC	7696.00	497	3.740	8.782E-07	2.62E-02	0.305	1.289E-07	3.84E-03							0.16	22.99766	2.84162	43.1537	22.99766
22-Mar-99	GC L BC	7973.15	527	0.125	2.933E-08	9.27E-04										0.03	4.291027	8.415058	0.166996	4.291027
22-Mar-99	GC L BC	7978.65	527	0.070	1.653E-08	5.23E-04										0.03	0.351544	0.16282	0.540267	0.351544
23-Mar-99	GC L BC	7996.90	527	0.109	2.554E-08	8.08E-04										0.05	0.970765	0.848693	1.092838	0.970765
24-Mar-99	GC L BC	8020.40	527	0.114	2.671E-08	8.45E-04										0.03	0.775207	0.771105	0.779309	0.775207
25-Mar-99	GC L BC	8044.15	530	0.127	2.988E-08	9.50E-04										0.03	0.482022	0.738582	0.225462	0.482022
25-Mar-99	GC L BC	8051.40	530	0.034	7.915E-09	2.52E-04										0.02	1.034063	0.15339	1.914735	1.034063
29-Mar-99	GC L BC	8141.90	548	0.1365	3.206E-08	1.05E-03										0.03	1.532665	2.951195	0.114135	1.532665
29-Mar-99	GC L BC	8145.40	548													0.02	0.263313	0.081919	0.444706	0.263313
30-Mar-99	GC L BC	8164.40	548													0.02	0.514099	0.456977	0.571221	0.514099
31-Mar-99	GC L BC	8188.15	548													0.02	0.25414	0.50828	0.486879	0.497579
31-Mar-99	Summa	8188.15	548	0.940	2.207E-07	7.26E-03	0.260	1.099E-07	3.61E-03							0.07	0.804855	0	0	0
1-Apr-99	GC T BC	8210.90	550	0.861	2.021E-07	6.67E-03	0.127	5.361E-08	1.77E-03	0.012	3.167E-09	1.05E-04				0.07	0.955124	1.687694	0.222553	0.955124
1-Apr-99	GC T BC	8213.90	550	0.800	1.878E-07	6.20E-03	0.108	4.564E-08	1.51E-03	0.005	1.405E-09	4.64E-05	0.002	4.482E-10	1.48E-05	0.07	3.224628	0.198949	6.250307	3.224628
5-Apr-99	GC T BC	8308.15	550	1.068	2.507E-07	8.27E-03	0.137	5.802E-08	1.91E-03	0.005	1.384E-09	4.57E-05	0.005	1.279E-09	4.22E-05	0.08	3.859418	7.718836	3.75418	5.736508
5-Apr-99	Summa	8308.15	550	1.100	2.583E-07	8.52E-03	0.250	1.056E-07	3.49E-03							0.08	1.785588	0	0	0
7-Apr-99	GC T BC	8353.99	539	0.935	2.196E-07	7.10E-03	0.135	5.691E-08	1.84E-03	0.007	1.904E-09	6.16E-05				0.08	2.722106	3.689797	1.854415	2.722106
8-Apr-99	GC T BC	8377.67	539	1.285	3.016E-07	9.76E-03	0.155	6.536E-08	2.11E-03	0.002	5.271E-10	1.70E-05				0.09	1.261265	2.101074	0.421457	1.261265
8-Apr-99	GC T BC	8382.42	539	1.262	2.963E-07	9.58E-03	0.166	7.039E-08	2.54E-03	0.010	2.743E-09	8.87E-05	0.001	3.967E-10	1.28E-05	0.10	4.767634	0.471208	9.064061	4.767634
12-Apr-99	GC T BC	8473.79	539	1.616	3.794E-07	1.23E-02	0.179	7.544E-08	2.44E-03	0.001	1.879E-10	6.08E-06				0.11	6.557553	9.981901	3.133205	6.557553
13-Apr-99	GC T BC	8502.47	539	1.380	3.241E-07	1.05E-02	0.164	6.945E-08	2.25E-03	0.001	2.420E-10	7.83E-06				0.10	2.311783	2.840092	1.783475	2.311783
14-Apr-99	GC T BC	8520.48	512	1.717	4.032E-07	1.24E-02	0.178	7.541E-08	2.32E-03							0.12	1.370929	2.10042	0.641439	1.370929
14-Apr-99	GC T BC	8525.98	512	1.407	3.304E-07	1.02E-02	0.180	7.623E-08	2.34E-03							0.10	1.154203	0.537748	1.770658	1.154203
15-Apr-99	GC T BC	8544.09	512	1.481	3.477E-07	1.07E-02	0.200	8.439E-08	2.59E-03	0.001	3.741E-10	1.15E-05				0.09	1.091198	1.591918	0.490479	1.091198
15-Apr-99	GC T BC	8549.34	512	1.623	3.811E-07	1.17E-02	0.184	7.779E-08	2.39E-03							0.09	4.701776	0.482304	8.921248	4.701776
19-Apr-99	GC T BC	8646.45	539	0.741	1.741E-07	5.63E-03	0.135	5.714E-08	1.85E-03							0.08	4.515015	7.709744	1.320287	4.515015
20-Apr-99	GC T BC	8663.08	539	1.617	3.796E-07	1.23E-02	0.193	8.169E-08	2.64E-03							0.11	1.152564	1.858182	0.446947	1.152564
20-Apr-99	GC T BC	8667.08	539	1.530	3.593E-07	1.16E-02	0.190	8.032E-08	2.60E-03							0.11	1.603605	0.440702	2.766507	1.603605
21-Apr-99	GC T BC	8692.19	539	1.421	3.338E-07	1.08E-02	0.193	8.148E-08	2.63E-03							0.10	2.24812	2.578228	1.918013	2.24812
22-Apr-99	GC T BC	8710.87	539	1.067	2.506E-07	8.10E-03	0.179	7.564E-08	2.45E-03							0.10	1.075507	1.811584	0.33943	1.075507
22-Apr-99	GC T BC	8714.37	539	0.855	2.008E-07	6.49E-03	0.176	7.423E-08	2.40E-03							0.09	4.259606	0.313503	8.20571	4.259606
26-Apr-99	GC T BC	8805.98	539	1.001	2.350E-07	7.60E-03	0.175	7.387E-08	2.39E-03							0.10	4.668538	8.923112	0.413964	4.668538
26-Apr-99	GC T BC	8810.23	539	0.887	2.083E-07	6.73E-03	0.170	7.165E-08	2.32E-03							0.09	2.202443	0.395284	4.0096	2.202443
28-Apr-99	GC T BC	8853.34	539	1.135	2.666E-07	8.62E-03	0.183	7.736E-08	2.50E-03							0.10	2.465045	4.349902	0.580189	2.465045

Date	Sample Type	Running hours	Average CFM	Toluene	lbs./cu. Ft.	lbs./hour removed	Tetrachloroethene	lbs./cu. Ft	lbs./hour removed	Ethylbenzene	lbs./cu. Ft	lbs./hour removed	Xylenes (total)	lbs./cu. Ft	lbs./hour removed	lbs/yr removed	step est. lbs removed	low est. lbs removed	high est. lbs removed	high/low average
28-Apr-99	GC 7 BC	8859.09	539	1.187	2.788E-07	9.02E-03	0.182	7.684E-08	2.49E-03	0.001	4.036E-10	1.31E-05				0.10	5.683088	0.580783	10.78539	5.683088
3-May-99	GC T BC	8965.87	538	1.254	2.944E-07	9.50E-03	0.173	7.330E-08	2.37E-03							0.10	6.3893	10.5018	2.2768	6.3893
4-May-99	GC T BC	8989.02	538	1.293	3.037E-07	9.80E-03	0.189	7.990E-08	2.58E-03							0.10	1.435185	2.403222	0.467149	1.435185
4-May-99	GC T BC	8993.52	538	1.117	2.622E-07	8.46E-03	0.173	7.313E-08	2.36E-03							0.10	1.892753	0.427902	3.357605	1.892753
6-May-99	GC T BC	9028.83	532	1.251	2.938E-07	9.38E-03	0.182	7.672E-08	2.45E-03							0.10	6.229966	3.363353	9.096579	6.229966
[redacted]	GC T BC	9124.33	532	0.984	2.312E-07	7.38E-03	0.153	6.466E-08	2.06E-03							0.08	6.040454	7.679736	4.401172	6.040454
[redacted]	GC T BC	9179.06	542	1.301	3.055E-07	9.94E-03	0.212	8.975E-08	2.92E-03							0.10	23.41192	9.56002	41.26382	23.41192
14-Jun-99	GC T BC	9585.24	547	0.970	2.278E-07	7.48E-03	0.247	1.043E-07	3.42E-03							0.10	23.74315	42.17244	5.313864	23.74315
16-Jun-99	GC T BC	9636.42	547	0.589	1.383E-07	4.54E-03	0.139	5.875E-08	1.93E-03							0.08	2.86263	4.194372	1.530888	2.86263
17-Jun-99	GC T BC	9655.10	547	0.472	1.109E-07	3.64E-03	0.227	9.587E-08	3.15E-03							0.07	4.01879	1.301508	6.736071	4.01879
21-Jun-99	GC T BC	9751.78	547	0.893	2.096E-07	6.88E-03	0.160	6.766E-08	2.22E-03							0.10	8.274049	9.488583	7.059514	8.274049
24-Jun-99	GC T BC	9823.71	547	0.829	1.947E-07	6.39E-03	0.119	5.029E-08	1.65E-03							0.09	7.305852	6.261288	8.350416	7.305852
28-Jun-99	GC T BC	9919.64	547	0.924	2.171E-07	7.12E-03	0.171	7.231E-08	2.37E-03							0.10	6.005975	9.150639	6.86131	6.005975
1-Jul-99	GC T BC	9991.57	547	0.828	1.944E-07	6.38E-03	0.164	6.936E-08	2.28E-03							0.09	6.836543	6.45514	7.217947	6.836543
6-Jul-99	GC T BC	10072.00	547	0.927	2.177E-07	7.15E-03	0.193	8.162E-08	2.68E-03							0.10	6.114924	7.969268	4.260581	6.114924
8-Jul-99	GC T BC	10115.00	547	0.724	1.701E-07	5.58E-03	0.268	1.131E-07	3.71E-03							0.09	6.186754	3.815971	8.557537	6.186754
12-Jul-99	GC T BC	10211.43	547	0.736	1.728E-07	5.67E-03	0.194	8.191E-08	2.69E-03							0.09	7.50732	8.625413	6.389228	7.50732
15-Jul-99	GC T BC	10282.86	547	0.582	1.367E-07	4.49E-03	0.333	1.406E-07	4.62E-03							0.09	7.225708	6.122203	8.329213	7.225708
19-Jul-99	GC T BC	10380.04	547	0.705	1.657E-07	5.44E-03	0.152	6.421E-08	2.11E-03							0.08	7.085446	8.119376	6.051517	7.085446
22-Jul-99	GC T BC	10452.47	530	0.687	1.613E-07	5.13E-03	0.205	8.676E-08	2.76E-03							0.12	10.05105	8.665091	11.43701	10.05105
26-Jul-99	GC T BC	10548.07	536	0.528	1.240E-07	3.99E-03	0.117	4.962E-08	1.60E-03							0.09	7.445859	8.49787	6.393847	7.445859
29-Jul-99	GC T BC	10620.00	536	0.606	1.423E-07	4.58E-03	0.103	4.369E-08	1.41E-03							0.10	8.002224	6.868329	9.136123	8.002224
2-Aug-99	GC T BC	10715.68	535	0.587	1.378E-07	4.42E-03	0.083	3.489E-08	1.12E-03							0.09	7.398981	8.498103	6.299859	7.398981
5-Aug-99	GC T BC	10786.61	535	0.759	1.781E-07	5.72E-03	0.037	1.545E-08	4.96E-04							0.09	7.615795	6.465063	8.766927	7.615795
9-Aug-99	GC T BC	10862.79	535	0.841	1.974E-07	6.34E-03	0.054	2.283E-08	7.33E-04							0.10	8.075707	9.251641	6.899773	8.075707
12-Aug-99	GC T BC	10954.52	535	0.605	1.421E-07	4.56E-03	0.058	2.459E-08	7.89E-04							0.09	7.244707	6.173234	8.31618	7.244707
16-Aug-99	GC T BC	11051.15	535	0.617	1.919E-07	6.16E-03										0.09	7.945431	9.123249	6.767614	7.945431
19-Aug-99	GC T BC	11122.83	535	0.783	1.839E-07	5.90E-03	0.168	7.078E-08	2.27E-03							0.09	7.891222	6.749512	9.032933	7.891222
23-Aug-99	GC T BC	11218.76	535	0.874	2.051E-07	6.58E-03	0.161	6.803E-08	2.18E-03							0.10	8.260734	8.441823	7.079649	8.260734
26-Aug-99	GC T BC	11290.69	535	0.635	1.490E-07	4.78E-03	0.133	5.626E-08	1.81E-03							0.09	7.463578	6.396463	8.530692	7.463578
30-Aug-99	GC T BC	11386.62	535	0.764	1.793E-07	5.76E-03	0.191	8.054E-08	2.59E-03							0.09	6.767984	9.00989	4.526077	6.767984
2-Sep-99	GC T BC	11434.81	535	0.653	1.534E-07	4.93E-03	0.163	6.875E-08	2.21E-03							0.08	6.892132	3.955363	9.8289	6.892132
7-Sep-99	GC T BC	11554.56	549	0.456	1.071E-07	3.53E-03	0.117	4.951E-08	1.63E-03							0.08	6.46789	9.251983	3.683796	6.46789
9-Sep-99	GC T BC	11602.24	549	0.592	1.391E-07	4.58E-03	0.130	5.479E-08	1.80E-03							0.09	6.665418	4.40298	8.927855	6.665418
13-Sep-99	GC T BC	11698.92	549	0.437	1.026E-07	3.38E-03	0.089	4.194E-08	1.38E-03							0.08	4.907351	7.933161	1.881541	4.907351
14-Sep-99	Summe	11721.85	549	0.160	3.757E-08	1.24E-03	0.046	1.944E-08	6.40E-04							0.03	0.536475	0.741493	0.331457	0.536475
15-Sep-99	GC T BC	11732.10	549	0.393	9.237E-08	3.04E-03	0.433	1.829E-07	6.02E-03	0.079	2.141E-08	7.05E-04				0.10	1.589455	1.018244	2.160665	1.589455
16-Sep-99	GC T BC	11753.85	549	0.506	1.375E-07	4.53E-03	0.176	7.427E-08	2.45E-03							0.09	5.01269	1.918121	8.107259	5.01269
20-Sep-99	GC T BC	11845.78	549	0.439	1.030E-07	3.39E-03	0.106	4.494E-08	1.48E-03							0.08	6.604275	7.399074	5.809476	6.604275
23-Sep-99	GC T BC	11917.96	549	0.573	1.346E-07	4.43E-03	0.155	6.553E-08	2.16E-03							0.09	7.849468	6.583866	9.11507	7.849468
27-Sep-99	GC T BC	12017.89	549	0.402	9.431E-08	3.11E-03	0.093	3.915E-08	1.29E-03							0.08	6.511282	7.729536	5.293027	6.511282
30-Sep-99	GC T BC	12086.32	549	0.505	1.187E-07	3.91E-03	0.151	6.381E-08	2.10E-03							0.09	7.256788	5.899049	8.614526	7.256788
4-Oct-99	GC T BC	12186.25	549	0.394	9.245E-08	3.05E-03	0.072	3.045E-08	1.00E-03							0.06	5.320956	6.382848	4.259064	5.320956
7-Oct-99	GC T BC	12252.93	541	0.387	9.082E-08	2.95E-03	0.105	4.421E-08	1.44E-03							0.07	5.440131	4.414066	6.466197	5.440131
11-Oct-99	GC T BC	12350.61	541	0.345	8.099E-08	2.63E-03	0.076	3.191E-08	1.04E-03							0.06	4.998903	5.809207	4.1886	4.998903
14-Oct-99	GC T BC	12421.04	541	0.317	7.454E-08	2.42E-03	0.089	3.761E-08	1.23E-03							0.06	4.871009	4.10586	5.636156	4.871009
18-Oct-99	GC T BC	12517.72	541	0.325	7.620E-08	2.47E-03	0.089	3.778E-08	1.23E-03							0.06	4.950135	5.676758	4.223512	4.950135
21-Oct-99	GC T BC	12589.65	541	0.335	7.871E-08	2.55E-03	0.095	3.995E-08	1.30E-03							0.06	5.189312	4.447363	5.931261	5.189312
25-Oct-99	GC T BC	12685.58	541	0.309	7.255E-08	2.36E-03	0.088	3.727E-08	1.21E-03							0.06	5.018238	5.752863	4.283613	5.018238
28-Oct-99	GC T BC	12757.01	541	0.276	6.532E-08	2.12E-03	0.079	3.339E-08	1.08E-03							0.06	4.841612	4.120533	5.56269	4.841612
1-Nov-99	GC T BC	12853.44	541	0.232	5.436E-08	1.76E-03	0.059	2.510E-08	8.15E-04							0.05	4.15528	4.767042	3.543519	4.15528
4-Nov-99	GC T BC	12925.12	541	0.237	5.554E-08	1.80E-03	0.073	3.064E-08	9.95E-04							0.05	4.150367	3.549888	4.750847	4.150367
8-Nov-99	GC T BC	13021.05	541	0.209	4.919E-08	1.60E-03	0.064	2.720E-08	8.83E-04							0.05	4.173311	4.777111	3.569512	4.173311
11-Nov-99	GC T BC	13092.73	526	0.184	4.332E-08	1.37E-03	0.037	1.584E-08	5.00E-04							0.04	3.448936	2.945547	3.952326	3.448936
15-Nov-99	GC T BC	13188.91	526	0.231	5.416E-08	1.71E-03	0.068	2.866E-08	9.04E-04							0.05	4.376506	4.978207	3.774804	4.376506
18-Nov-99	GC T BC	13261.84	526	0.214	5.025E-08	1.59E-03	0.067	2.817E-08	8.89E-04							0.05	4.342675	3.763652	4.921698	4.342675
22-Nov-99	GC T BC	13357.21	526	0.148	3.464E-08	1.09E-03	0.041	1.715E-08	5.41E-04							0.05	3.444258	4.592505	2.296012	3.444258
24-Nov-99	GC T BC	13404.69	526	0.208	4.877E-08	1.54E-03	0.063	2.669E-08	8.42E-04							0.05	4.524425	2.577971	6.47088	4.524425
29-Nov-99	GC T BC	13524.57	526	0.218	5.111E-08	1.61E-03	0.066	2.805E-08	8.85E-04							0.06	5.393539	6.728851	4.058226	5.393539
2-Dec-99	GC T BC	13596.75	526	0.241	5.662E-08	1.79E-03	0.075	3.176E-08	1.00E-03							0.06	5.140304	4.407545	5.873063	5.140304
6-Dec-99	GC T BC	13692.93	526	0.205	4.824E-08	1.52E-03	0.053	2.230E-08	7.04E-04							0.06	4.848248	5.580809	4.115687	4.848248
9-Dec-99	GC T BC	13763.86	524	0.217	5.090E-08	1.60E-03	0.067	2.814E-08	8.85E-04							0.06	6.249399	4.097521	8.401277	6.249399
16-Dec-99	GC T BC	13909.29	524	0.061	1.443E-08	4.54E-04	0.071	3.016E-08	9.48E-04							0.04	5.382231	6.467571	4.29689	5.382231
20-Dec-99	GC T BC	14005.91	524	0.113	2.660E-08	8.36E-04	0.057	2.408E-08	7.57E-04							0.05	10.14529	4.754972	15.5356	10.14529
3-Jan-00	GC T BC	14321.59	541	0.144	3.392E-08	1.10E-03	0.057	2.416E-08	7.84E-04							0.06	11.0002	18.31945	3.68095	11.0002
6-Jan-00	GC T BC	14385.02	541	0.033	7.768E-09	2.52E-04	0.045	1.909E-08	6.20E-04							0.03	2.529276	2.071427	2.987126	2.529276
10-Jan-00	GC T BC	14476.49	541	0.045	1.058E-08	3.43E-04	0.067	2.813E-08	9.13E-04							0.05	2.152614	4.305227	0	2.152614
10-Jan-00	Summe	14476.49	541	0.100	2.348E-08	7.62E-04	0.150	6.338E-08	2.06E-03							0.05	3.759356	0	7.518711	3.759356
17-Jan-00	GC T BC	14633.94	542	0.140	3.287E-08	1.07E-03	0.131	5.535E-08	1.80E-03							0.06	8.964469	9.053306	8.875632	8.964469
24-Jan-00	GC T BC	14788.30	542	0.051	1.198E-08	3.89E-04	0.033	1.394E-08	4.53E-04					5.094E-02		0.05	3.610964	7.221928	0	3.610964
		14788.30												1.222E+00						
																	3012	2592.608	3303.225	2947.917
																	144			
																	3156			

Date	Source	Running Hours	Average CFM	Vinyl Chloride	lbs./cu. Ft.	lbs./hour removed	1,1,2-Trichloro-1,2,2-trifluoroethane	lbs./cu. Ft.	lbs./hour removed	Acetone	lbs./cu. Ft.	lbs./hour removed	Methylene chloride	lbs./cu. Ft.	lbs./hour removed	cis-1,2-Dichloroethene	lbs./cu. Ft.	lbs./hour removed	2-Butanone	lbs./cu. Ft.
18-Dec-97	Summa	13	571	8.000	1.274E-06	0.04	0.330	1.576E-07	0.01	3.300	4.884E-07	0.02	0.250	5.410E-08	0.00	33.000	8.151E-06	0.28	5.900	1.084E-06
22-Dec-97	Summa	56.5	571	1.400	2.230E-07	0.01	0.130	6.207E-08	0.00				0.240	5.194E-08	0.00	11.000	2.717E-06	0.09		
29-Dec-97	Summa	137.5	545	0.490	7.804E-08	0.00	0.100	4.775E-08	0.00	0.440	6.512E-08	0.00	0.160	3.463E-08	0.00	4.300	1.062E-06	0.03		
5-Jan-98	Summa	172.5	545	0.400	6.370E-08	0.00	0.100	4.775E-08	0.00	0.950	1.406E-07	0.00	0.130	2.813E-08	0.00	3.200	7.904E-07	0.03	0.640	1.176E-07
12-Jan-98	Summa	255.5	555	0.230	3.663E-08	0.00	0.092	4.393E-08	0.00	0.590	8.732E-08	0.00	0.064	1.385E-08	0.00	2.400	5.928E-07	0.02		
19-Jan-98	Summa	333.5	555	0.140	2.230E-08	0.00	0.047	2.244E-08	0.00	0.590	8.732E-08	0.00	0.015	3.246E-09	0.00	1.300	3.211E-07	0.01	0.280	5.145E-08
12-Mar-98	Summa	786.25	578	0.130	2.070E-08	0.00	0.050	2.387E-08	0.00	0.063	9.324E-09	0.00				0.770	1.902E-07	0.01	0.053	9.738E-09
19-Mar-98	GC	795.8	556																	
20-Mar-98	GC	808.3	556																	
25-Mar-98	Summa	863.75	555	0.130	2.070E-08	0.00	0.042	2.005E-08	0.00							0.750	1.853E-07	0.01		
13-Apr-98	GC	953.8	539																	
22-May-98	Summa	1095.8	541	0.023	3.663E-09	0.00	0.017	8.117E-09	0.00	0.69	1.021E-07	0.00				0.16	3.952E-08	0.00	1.3	2.389E-07
21-Jul-98	GC	1109.82	540													0.158	3.903E-08	0.00		
21-Jul-98	Summa	1109.82	540	0.017	2.707E-09	0.00				0.055	8.140E-09	0.00				0.12	2.964E-08	0.00	0.14	2.572E-08
15-Oct-98	Summa	1194.75	564	0.021	3.344E-09	0.00	0.015	7.162E-09	0.00	0.011	1.628E-09	0.00				0.2	4.940E-08	0.00		
15-Oct-98	GC	1194.75	564										0.012	2.597E-09	0.00	0.161	3.977E-08	0.00		
17-Feb-99	GC	1204.22	548													0.159	3.927E-08	0.00		
11-May-99	GC	1228.07	548													0.084	2.075E-08	0.00		
12-Jan-00	GC	1284.46	530													0.094	2.322E-08	0.00		
12-Jan-00	Summa	1284.46	530	0.012	1.911E-09	0.00	0.009	4.297E-09	0.00							0.15	3.705E-08	0.00		
		1284.46																		

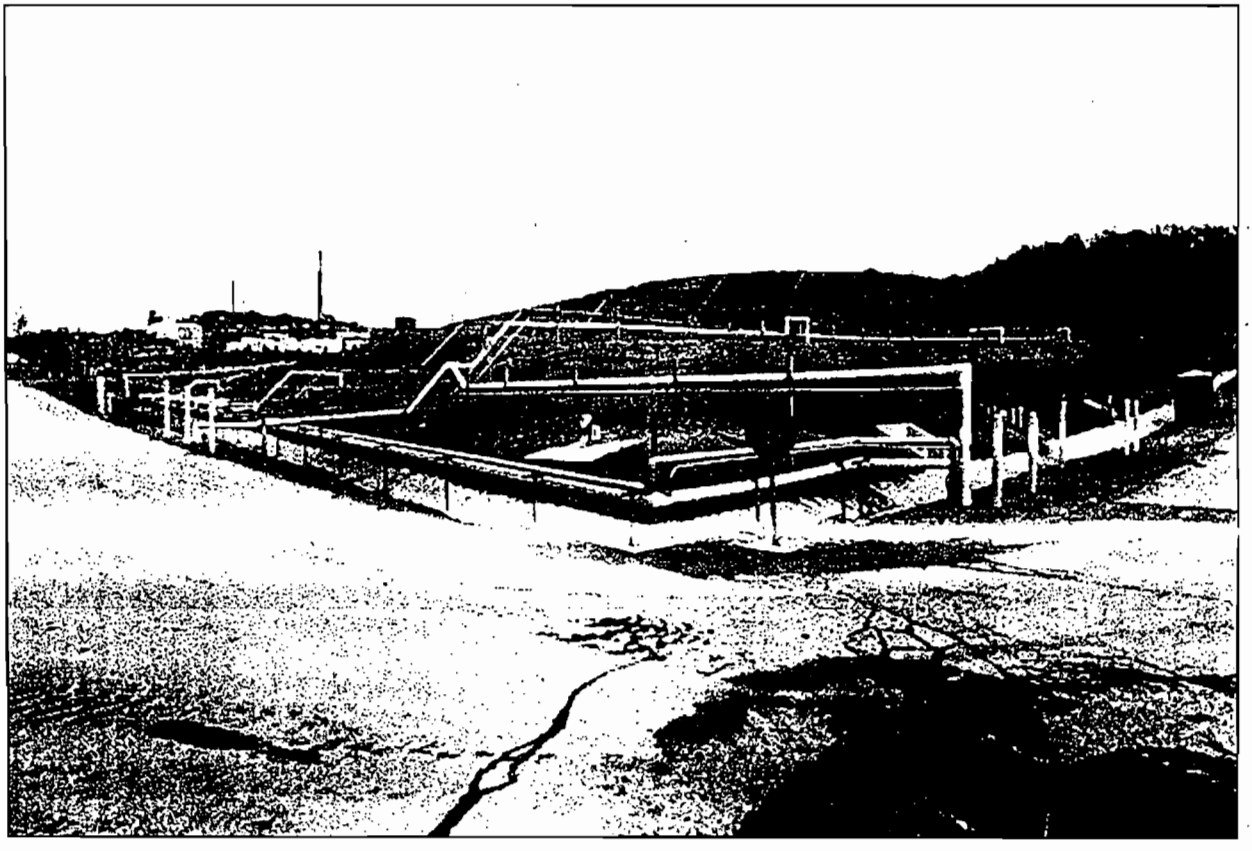
lbs./hour removed	Chloroform	lbs./cu. Ft.	lbs./hour removed	Carbon tetrachloride	lbs./cu. Ft.	lbs./hour removed	Benzene	lbs./cu. Ft.	lbs./hour removed	Trichloroethene	lbs./cu. Ft.	lbs./hour removed	Toluene	lbs./cu. Ft.	lbs./hour removed	Tetrachloroethene	lbs./cu. Ft.	lbs./hour removed	Ethylbenzene
0.04	0.150	4.563E-08	0.00				0.580	1.155E-07	0.00	16.000	5.357E-06	0.18	42.000	9.862E-06	0.34	8.300	3.507E-06	0.12	
0.00			0.00				0.220	4.379E-08	0.00	8.600	2.879E-06	0.10	28.000	6.575E-06	0.23	6.100	2.578E-06	0.09	
0.00	0.050	1.521E-08	0.00				0.091	1.811E-08	0.00	4.600	1.540E-06	0.05	19.000	4.461E-06	0.15	5.400	2.282E-06	0.07	0.046
0.00	0.051	1.551E-08	0.00				0.056	1.115E-08	0.00	3.900	1.306E-06	0.04	17.000	3.992E-06	0.13	5.200	2.197E-06	0.07	0.044
0.00	0.055	1.673E-08	0.00				0.026	5.175E-09	0.00	2.200	7.365E-07	0.02	8.800	2.066E-06	0.07	3.500	1.479E-06	0.05	0.028
0.00	0.055	1.673E-08	0.00				0.017	3.384E-09	0.00	1.600	5.357E-07	0.02	3.200	7.514E-07	0.03	1.800	7.606E-07	0.03	0.016
0.00	0.037	1.126E-08	0.00	0.023	9.016E-09	0.00	0.0056	1.115E-09	0.00	0.930	3.114E-07	0.01	0.062	1.456E-08	0.00	0.430	1.817E-07	0.01	
													5.160	1.212E-06	0.04				
										3.980	1.332E-06	0.04	4.960	1.165E-06	0.04				
	0.031	9.430E-09	0.00	0.022	8.624E-09	0.00	0.0067	1.334E-09	0.00	0.930	3.114E-07	0.01	0.053	1.244E-08	0.00	0.410	1.732E-07	0.01	0.000
										2.570	8.604E-07	0.03							
0.01	0.007	2.129E-09	0.00	0.012	4.704E-09	0.00				0.3	1.004E-07	0.00	0.048	1.127E-08	0.00	0.26	1.099E-07	0.00	0.004
										0.366	1.225E-07	0.00	0.016	3.757E-09	0.00	0.216	9.127E-08	0.00	
0.00	0.005	1.521E-09	0.00				0.002	3.981E-10	0.00	0.27	9.039E-08	0.00	0.036	8.453E-09	0.00	0.18	7.606E-08	0.00	0.001
	0.013	3.954E-09	0.00	0.013	5.096E-09	0.00	0.003	5.972E-10	0.00	0.43	1.440E-07	0.00	0.044	1.033E-08	0.00	0.32	1.352E-07	0.00	
							0.006	1.194E-09	0.00	0.385	1.289E-07	0.00	0.057	1.338E-08	0.00	0.27	1.141E-07	0.00	0.056
							0.003	5.972E-10	0.00	0.237	7.935E-08	0.00	0.014	3.287E-09	0.00	0.175	7.395E-08	0.00	
										0.229	7.667E-08	0.00	0.011	2.583E-09	0.00	0.102	4.310E-08	0.00	
							0.001	1.991E-10	0.00	0.187	6.261E-08	0.00				0.148	6.254E-08	0.00	
	0.008	2.434E-09	0.00	0.009	3.528E-09	0.00	0.002	3.981E-10	0.00	0.22	7.365E-08	0.00	0.028	6.575E-09	0.00	0.19	8.028E-08	0.00	

lbs./cu. Ft.	lbs./hour removed	Xylenes (total)	lbs./cu. Ft.	lbs./hour removed	total lbs./hr. removed	step est. lbs removed	low est. lbs removed	high est. lbs. removed	high/low average
		0.230	6.222E-08	0.00	1.03	22.4727548	0	44.9455096	22.4727548
		0.130	3.517E-08	0.00	0.52	32.34082	22.5996091	42.0820308	32.34082
1.244E-08	0.00	0.180	4.870E-08	0.00	0.32	18.3311114	25.6003452	11.0618776	18.3311114
1.190E-08	0.00	0.160	4.328E-08	0.00	0.29	16.9097215	10.0311907	23.7882523	16.9097215
7.575E-09	0.00	0.083	2.245E-08	0.00	0.17	13.6933901	14.1186507	13.2681295	13.6933901
4.328E-09	0.00	0.074	2.002E-08	0.00	0.09	22.9757752	6.75312469	39.1984257	22.9757752
					0.03	6.20313512	12.1499867	2.07978789	7.11488729
					0.04	0.4456183			
					0.08	2.83023982			
0.000E+00	0.00				0.02	1.77774566	1.8938184	5.67045882	3.78213861
					0.03	3.22849684			
1.082E-09	0.00				0.02	1.56253123	4.64793452	0	2.32396726
					0.01	0.05827755	1.29707032	0	0.64853516
2.705E-10	0.00	0.005	1.353E-09	0.00	0.01	0.33661947	0.11113635	0	0.05556817
		0.002	5.411E-10	0.00	0.01	0.51177408	1.02354815	1	1.01177408
1.515E-08	0.00				0.01	0.05048551			
					0.01	0.10761207	0.06116965	0.1540545	0.10761207
					0.00	0.18876867	0.11221667	0.26532067	0.18876867
					0.00	0.1332064	0.26641279	0	0.1332064
					0.01	0	0	0	0
					SUM=	143.728497	100.226415	183.094472	141.660444

Attachment R

AS/SVE Tracer Test

GAS TRACER TEST EVALUATION of the MOUND OU-1 AS/SVE WELL FIELD



Environmental Restoration Program

Mound Plant
Miamisburg, Ohio

December, 1999

GAS TRACER TEST EVALUATION
of the
MOUND OU-1 AS/SVE WELL FIELD

BY

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FINAL MS PROJECT

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GAS TRACER TEST EVALUATION
of the
MOUND OU-1 AS/SVE WELL FIELD

BY

VINCENT R. FUSCONI

ABSTRACT OF FINAL MS PROJECT

Submitted in Partial Fulfillment of the Requirements for the Degree of

Master of Science in Civil Engineering

The University of New Mexico
Albuquerque, New Mexico

12/1999

Gas Tracer Evaluation of the Mound OU-1 AS/SVE Wellfields

Vincent Fusconi
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ABSTRACT

Soil Vapor Extraction (SVE) is a proven technology for the removal of vadose zone Volatile Organic Compound (VOC) contamination. Air Sparging (AS) is frequently employed as an additional technology when SVE sites also have VOC contamination of groundwater. Gaseous subsurface tracers are typically utilized prior to AS or SVE system construction to investigate soil vapor travel times, assess subsurface pneumatic connections, determine the radius of influence (ROI) associated with SVE or AS wells, and determine the relative influence of multiple extraction wells.

Two gas tracer tests were conducted at the Mound OU-1 Environmental Restoration (ER) AS/SVE site to evaluate connections between the two well fields, and determine if AS liberated vapors were migrating out of the SVE zone of control. Ten lbs of gas tracer (Halon 1211) were injected into the AS system manifold and collected through the SVE system. Some testing surprises led to missed and poor quality data but tracer testing successfully generated the required information.

The site AS/SVE systems demonstrated a strong connection, yet the SVE system was unable to capture all AS generated vapor under tested conditions, thereby promoting some vapor migration. Testing results have led to modifications of the AS system at Mound OU-1.

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1.0 INTRODUCTION

The Mound Plant Department of Energy (DOE) complex is located in Miamisburg, Ohio, and shown in Figure 1. Mound Operable Unit 1(OU-1) is approximately two acres in size and comprised of an old currently closed landfill and an overflow pond. Subsurface geology is complicated by a long history of cut and fill operations, which preceded the current condition of a capped industrial landfill. Mound OU-1 was utilized for waste disposal operations and as a landfill for plant generated wastes from 1948 to 1977.

The Mound OU 1 remediation project was initiated in March 1995. The site is characterized by low-level (1 ppm) chlorinated solvent contamination of a shallow, wedge-shaped, anaerobic, highly permeable, sandy-gravel aquifer. This is a designated sole source aquifer that provides water for cities along the Miami River and the Mound Plant itself. Contaminants of Concern (CoC's) are primarily volatile organic compounds (VOC's) tetrachlorethene (PCE), trichlorethene (TCE), and dichlorethene (DCE).[1,2]

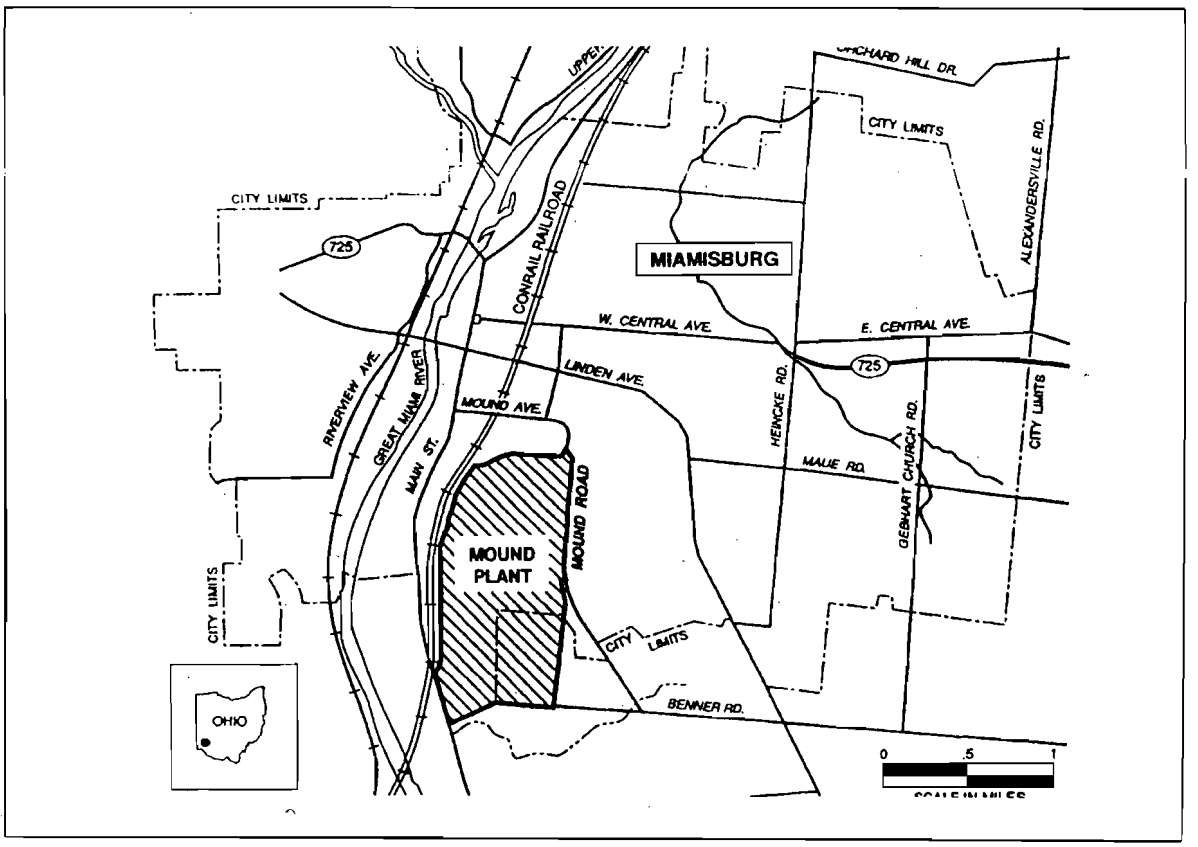


Figure 1. Location of the Mound Plant, Miamisburg, Ohio.[3]

Scattered lenses of glacial till, sand and gravel, and varied fill sit above the water table and contain the CoC's, typically in the 100 ppb range, with some isolated areas recording levels as high as 7-25 ppm.[4] Through the DOE Innovative Technology Remediation Demonstration (ITRD) Program, advisory groups composed of DOE, EPA, industry, and regulatory agency representatives were established to work with the Mound ER Program to review and evaluate applicable innovative remediation technologies.

Utilizing detailed engineering assessments and cost and performance evaluations, the Technical Advisory Group identified two technologies for application at the site. High vacuum extraction for treatment of the contaminated fill and till material, and air sparging/soil vapor extraction for treatment of the contaminated soil and ground water in the aquifer. Pilot-studies of both technologies were completed in April 1996. The results were very encouraging, with both systems showing quick and cost-effective contaminant removal capabilities.[2,4]

Based on pilot system results, the Mound ER Program installed both a full-scale air sparging and a high-vacuum extraction system. Construction of the system started in April 1997 and was completed in November 1997. The AS/SVE system is placed along the west and south perimeters of the landfill and consists of 23 air sparging and 17 vapor extraction wells divided into two zones that are operated alternately. The soil vapor extraction system is designed to operate at a vacuum of up to 18 inches of mercury and a flow rate of approximately 500 cfm while the sparging system is designed to operate nominally at 150 cfm. After initial trial operations, the system became operational in mid-December 1997.[1,4]

1.1 Investigation

The tracer test study was designed to answer two basic questions about the Mound OU-1 site: 1) What type of pneumatic connection exists between the AS and SVE systems? and 2) Are the vapors generated by the AS system being captured by the SVE system? Additional questions that were asked in relation to the second question were; was the AS system liberating vapors that weren't being captured by the SVE system? Were those vapors migrating off the actual Mound OU-1 site?

The ITRD team determined that a tracer test had the capability to provide data that could be used to answer these questions. Development of the test plan identified several options for gas injection: either a single well or manifold injection, a steady state flow or pulse type injection.[5]

2.0 SITE SETTING

The subsurface geology of the Mound OU-1 unit is complicated by a long history of cut and fill operations. Historical site information is available in the form of well logs, exploratory boreholes and DOE documentation.[1,4,5]

The bulk of the discussion in this section, related to OU-1 geology, ground water or site history has been obtained from the two volume Operable Unit 1 Remedial Investigation Final Report.[3] This work was prepared for EG&G Mound Applied Technologies and the U.S. Department of Energy by Roy F. Weston, Inc. and published in May 1994.

2.1 Site History

Prior to 1947, Mound OU-1, also known as Area B was a residential area. During the ensuing Mound plant construction, which began in 1947, Area B was mined for outwash and gravel to support construction activities. Gravel was removed from this area for various plant activities until 1977 when the overflow pond and sanitary landfill were constructed.

Various types of trash were disposed of in Area B from 1948 until the mid-70's when dumping activities at Area B ceased prior to the construction of the current sanitary landfill. In 1977 trash was excavated from historic landfill cells and disposed of in the newly constructed sanitary landfill. During this period gravel and glacial till were removed from the overflow pond area and used as local roadbed. The location of the Area B gravel pit along with an overlay of the current site sanitary landfill and the boundaries of Area B, are shown in Figure 2.[3]

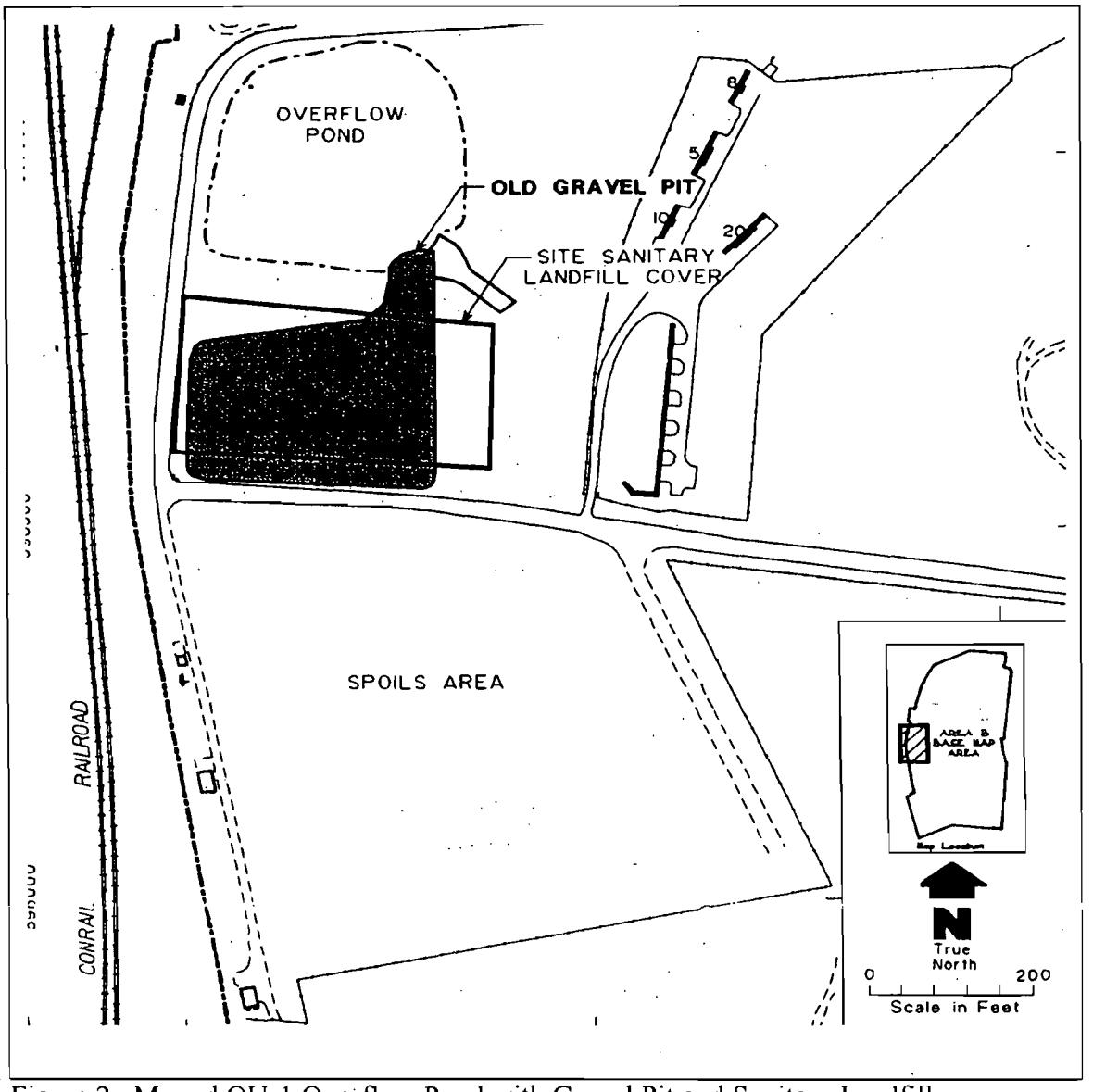


Figure 2. Mound OU-1 Overflow Pond with Gravel Pit and Sanitary Landfill Locations.

The Overflow pond was constructed with a liner of local clay-bearing glacial till that met required engineering specifications for liner material. The liner is a minimum of 3 feet thick and for the analyses carried out in later sections of this paper the liner can be considered a no-flow boundary.[3]

The sanitary landfill was constructed from the same local clay-bearing material used in the overflow pond. While the liner was designed to be 5 feet thick, the RIR reports suggests it is more likely 10 feet thick and was compacted to 95 % optimum dry density. For later analyses and discussion the landfill liner is considered a no flow boundary.[3]

Figure 3 shows a north to south cross-section of Area B and the relationship between the landfill and overflow pond. This figure shows general geology, typical groundwater level and the installation of French drains used to maintain landfill slope stability by draining off seepage fluid.[3]

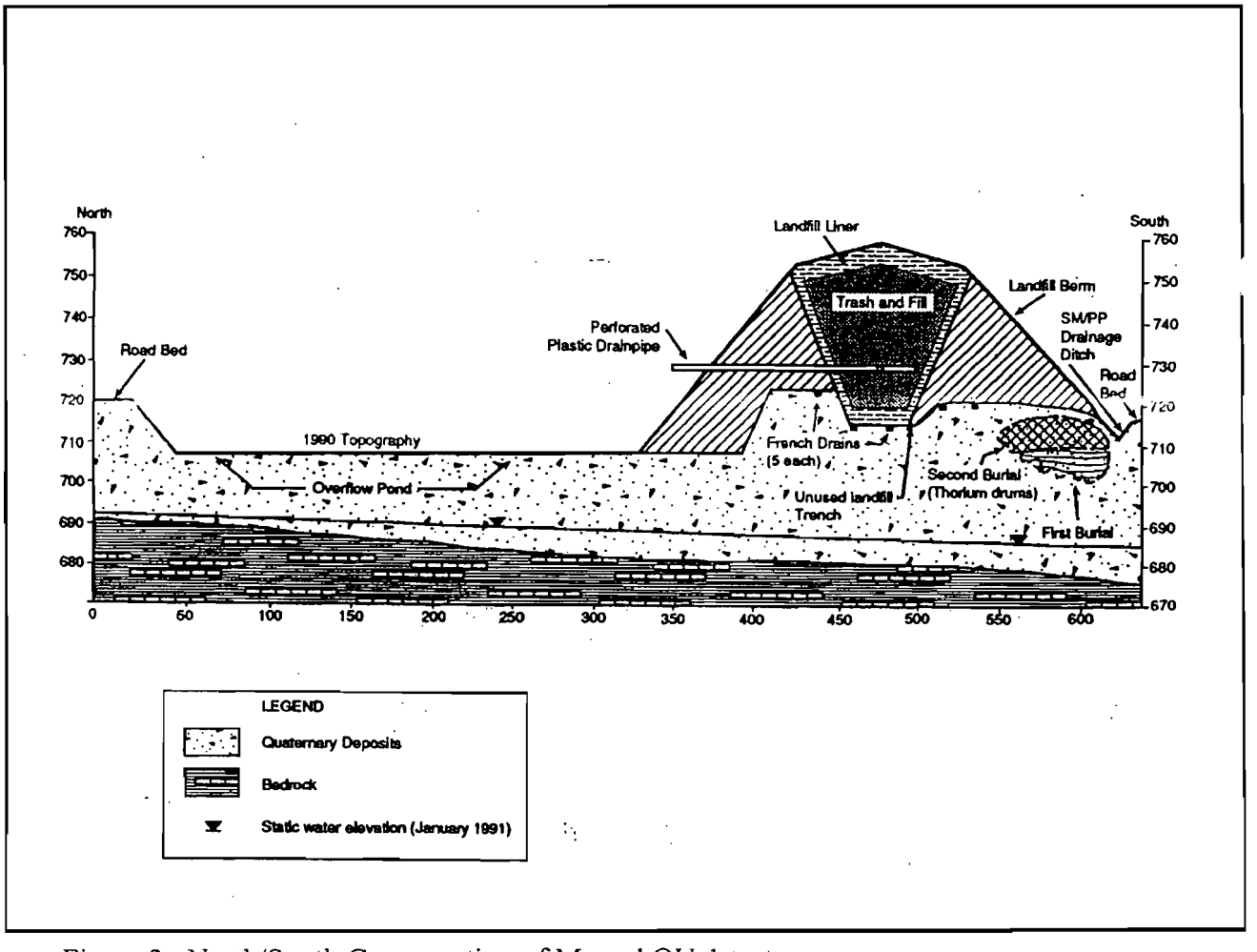


Figure 3. North/South Cross-section of Mound OU-1 test area.

2.2 General Geology

Area B near-surface geology consists mainly of glacial till and glacio-fluvial outwash. Deposits consist primarily of well-sorted sand and gravel. Deposits in the Area B region range from 40 to 60 feet thick. Roy F. Weston, Inc. carried out extensive geological investigations and developed a geological site cross-section looking from the east-northeast to the southeast, which was modified to produce Figure 4.[3]

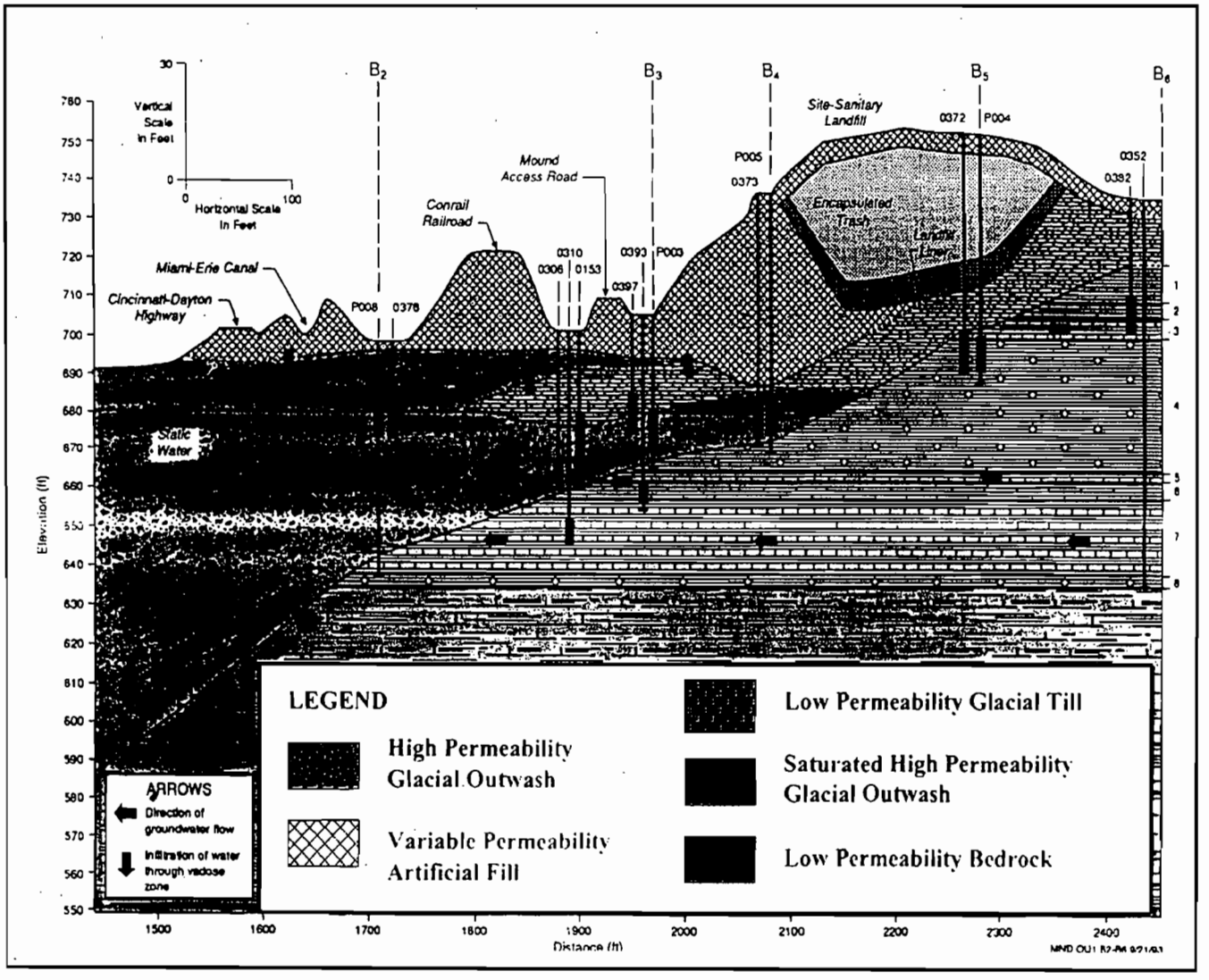


Figure 4. Site cross-section with general geology and some well locations.

This figure provides a good illustration of the subsurface sediments that underlie OU-1 Area B. Note the large volume of artificial fill and high permeability glacial outwash, also note the low permeability bedrock layers directly below the sanitary landfill.[3]

Forty-three geotechnical samples were taken in Area B from monitoring wells, piezometer borings, and boreholes. Sample collection locations are found in Figure 5.[3]

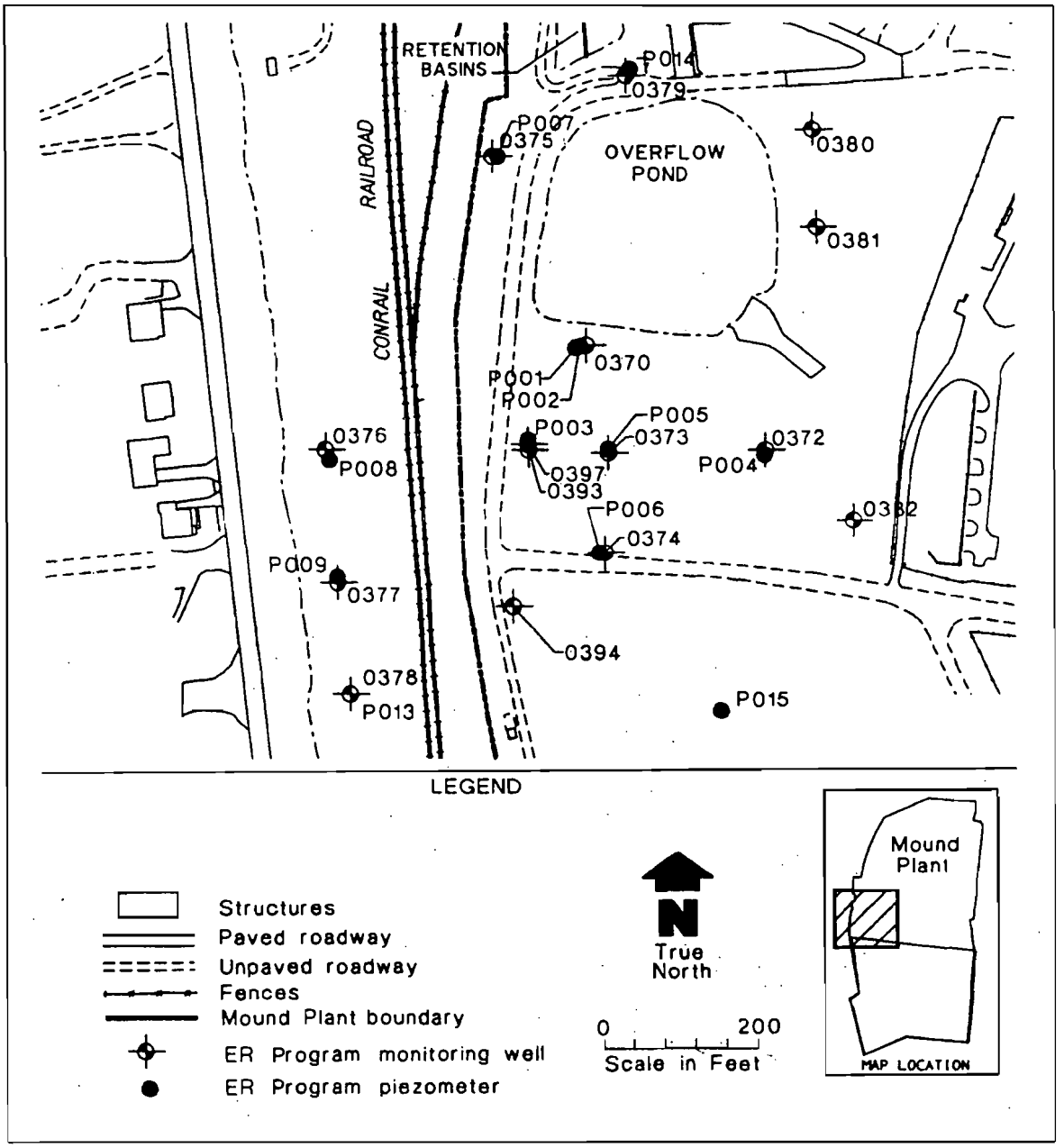


Figure 5. Locations of wells and boreings used for geotechnical soil sampling.

Laboratory results from Weston soil sampling produced geo-technical properties including moisture content, specific gravity, wet and dry unit weight, porosity and hydraulic conductivity. Tabulated results from this sampling are found in Appendix C of the RIR and reproduced in Appendix A of this report. Hydraulic conductivity measurements ranged from 1.2E-8 cm/sec to the high measurement of 1.1E –4 cm/sec. Results of geotechnical testing can be found summarized by soil type in Table 1.[3]

Table 1. Range of Results of Geotechnical Parameters from Weston Soil Testing.

Geo-technical Parameter	Fill Material	Glacial Till	Glacio-fluvial Outwash
Gravimetric Moisture Content (%)	7.8 – 30.3	8.0 - 11.2	4.5 – 22.2
Specific Gravity	2.59 - 2.76	2.72 - 2.75	2.75 – 2.78
Wet Unit Weight (lb/ft^3)	117.9 - 146.9	140.9 - 151.0	137.6 – 149.4
Dry Unit Weight (lb/ft^3)	92.3 - 136.3	126.7 - 139.8	122.3 – 123.3
Hydraulic Conductivity (ft/min)	1.1E-7 to 8.7E-4	2.0E-8 to 1.5E-6	2.1E-4 (1 sample only)
Porosity (%)	20.6 - 45.9	18.0 – 28.6	28.4 – 29.5

Most of these results are within typical values found for these various soil classifications. It must be noted that the minimum porosity that was found in site soils sampling was 18 %, while porosity ranged between 0.18 and 0.36.

2.3 Groundwater

A brief description of OU-1/Area B groundwater is included to better define the site setting. Groundwater flow velocities, reported as 240 feet/year, are of a magnitude that they would have no discernable effect on tracer testing. Groundwater flow is therefore not considered a viable transport mechanism for tracer gas in this testing. Infiltration or recharge rate also was not a concern during tracer testing, as there was no rainfall during the test period.[3]

Groundwater level has some effect on testing as it defines the lower boundary of the vadose zone. This is considered a no-flow boundary that in turn defines the overall volume of available free space for gas transport.

Groundwater level was measured in wells 376, 377, 416, 422, & 423 to determine if these wells provided enough free well screen to provide adequate vadose zone sampling. Water level measurements for wells 376 & 377 were not recorded due to more than adequate free well screen. An electronic water detector was lowered into each well and distance from well cap to water level determined. Resulting water level measurements are found in Table 2.[6]

Table 2. Depth to Groundwater Measurements.

Well Location	Depth to Groundwater (ft)	Depth to Well Bottom (ft)
416	24.57	32.71
422	35.34	41.40
423	29.21	43.90

These measurements correspond to a water table of approximately 21 ½ feet below surface in the vicinity of the AS/SVE blower buildings or 681 feet above MSL. The average groundwater level between the three wells is also calculated to be 681 feet above MSL.

Figure 6 shows a plot of the surface and groundwater elevations along a north to south axis south of the overflow pond.[6]

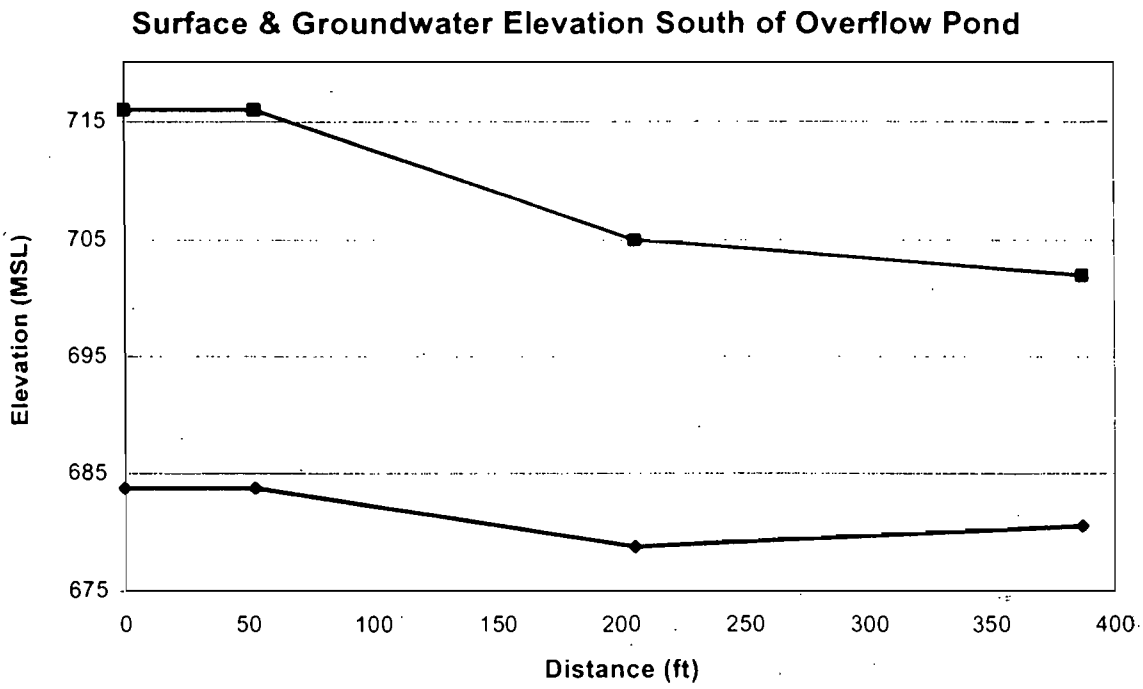


Figure 6. Surface and Groundwater Level along Access Road, South of Pond.

The average groundwater elevation of 681 feet above MSL is the same as that reported in the Weston Remedial Investigation Report as the average groundwater level in the area for the period between June 1992 and March 1993. Average groundwater level (potential) is shown in Figure 7. Examination of Figure 7 reveals that groundwater typically flows either southwest or west across OU-1, Area B.[3]

Although all AS well screens were located below the water table, and the entire mass of gas tracer was introduced into the groundwater, it is believed that the high porosity of the aquifer allowed the gas to quickly rise into the vadose zone. Saturated zone tracer gas injection was not considered a hindrance to Halon 1211 mass transfer.

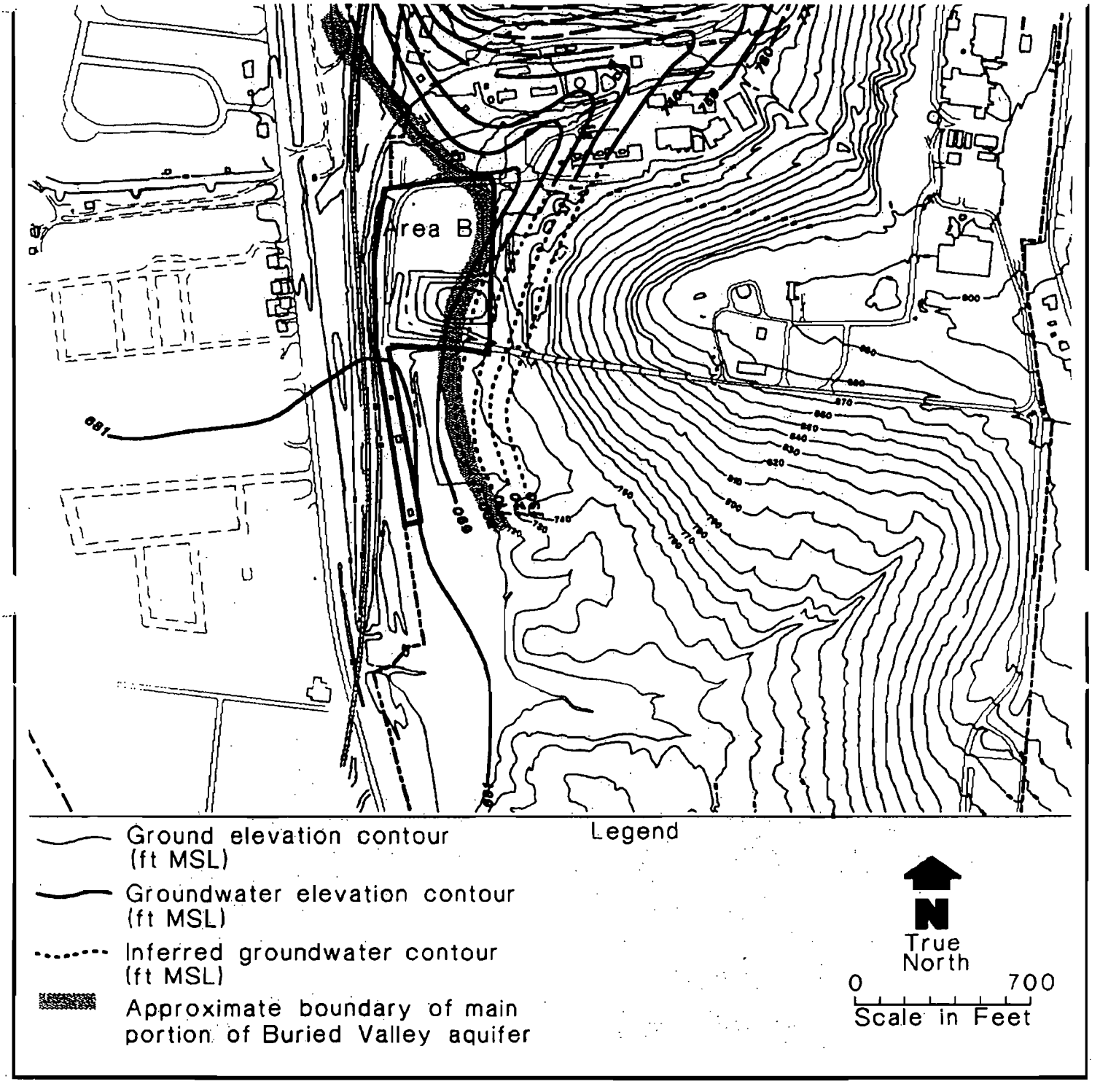


Figure 7. Average groundwater level between June 1992 and March 1993.

2.4 Remediation Systems

Design for an air-sparging/vapor extraction system at Mound OU-1 was prepared for EG&G Mound Applied Technologies by R. E. Wright Environmental, Inc. in conjunction with Science Application International Corporation of Beavercreek Ohio. A final design was submitted in March 1997. The majority of information in this section relating to system equipment was either directly quoted or paraphrased from the Mound OU-1 final design submittal.[2]

The design submitted by R. E. Wright/SAIC divides environmental remediation at Mound OU-1 into two separate remediation zones, the North Area and the South Area. Analysis performed for the Remediation Investigation Report (RIR) published by Weston, Inc., May 1994, and the October 1995 Feasibility Study (FS) show contaminant sources are located in the North Area. Contaminant impact in the South Area, which is hydraulically down gradient, is solely the result of various chemical compounds migrating from the Northern OU-1 zone.[3,8]

The results from high-vacuum extraction pilot testing performed by Radian International (Radian, 1996) and a soil vapor extraction pilot test conducted by Groundwater Technology, Inc. (GTI 1996) were evaluated by the OU-1 Innovative Technology Remediation Demonstration (ITRD) team. Based on the location of contaminant sources and pilot study results the ITRD group chose High Vacuum Extraction as the remediation method for North Area Soil contamination. An air-sparging system was selected by the group to treat the North area groundwater and enhance overall remediation.[1,4]

At present the North AS/HVE system has been operating for roughly 26 months. The AS/HVE system has been periodically shutdown due to problems with carbonate deposition in blowers. The South Area AS/SVE system has not been installed and construction is not anticipated in the near future until some assessment of North Area remediation has been completed. Performance of the North Area might deem the south remediation system unnecessary. The following section presents a very brief description of the North Area remediation system.[9]

2.4.1 SVE System

An integrated vapor extraction system was supplied by ERS of Middletown, Pennsylvania. The system was designed to provide 350 standard cubic feet per minute (scfm) of airflow at a required well head vacuum of 13 inches of mercury. Design pressure losses totaled 50 inches of mercury creating operating conditions of 400 scfm at 18 inches Mercury vacuum. Airflow is provided by a Gardner Denver Duroflow positive displacement blow package that includes:

1	Model 6L Blower
1	Model 5LB Blower
1	50 hp 3/60/480 volt explosion proof motor
2	V-belt drives

Also included were inline filters, discharge silencers, vacuum relief valves, vacuum gauges, and associated standard equipment.

A condensate removal system is equipped with a Grundlos Model CR2-200 stainless steel pump. The pump utilizes a 3/60/480-volt ½ Hp explosion proof motor to produce 12 gallons per minute of flow at sixty-five feet total dynamic head. The condensate removal system is fitted with one inch PVC schedule 40 piping, check valves, flow meter and pressure gauge. Photographs of SVE system components can be found in Figures 8 through 10.[10]

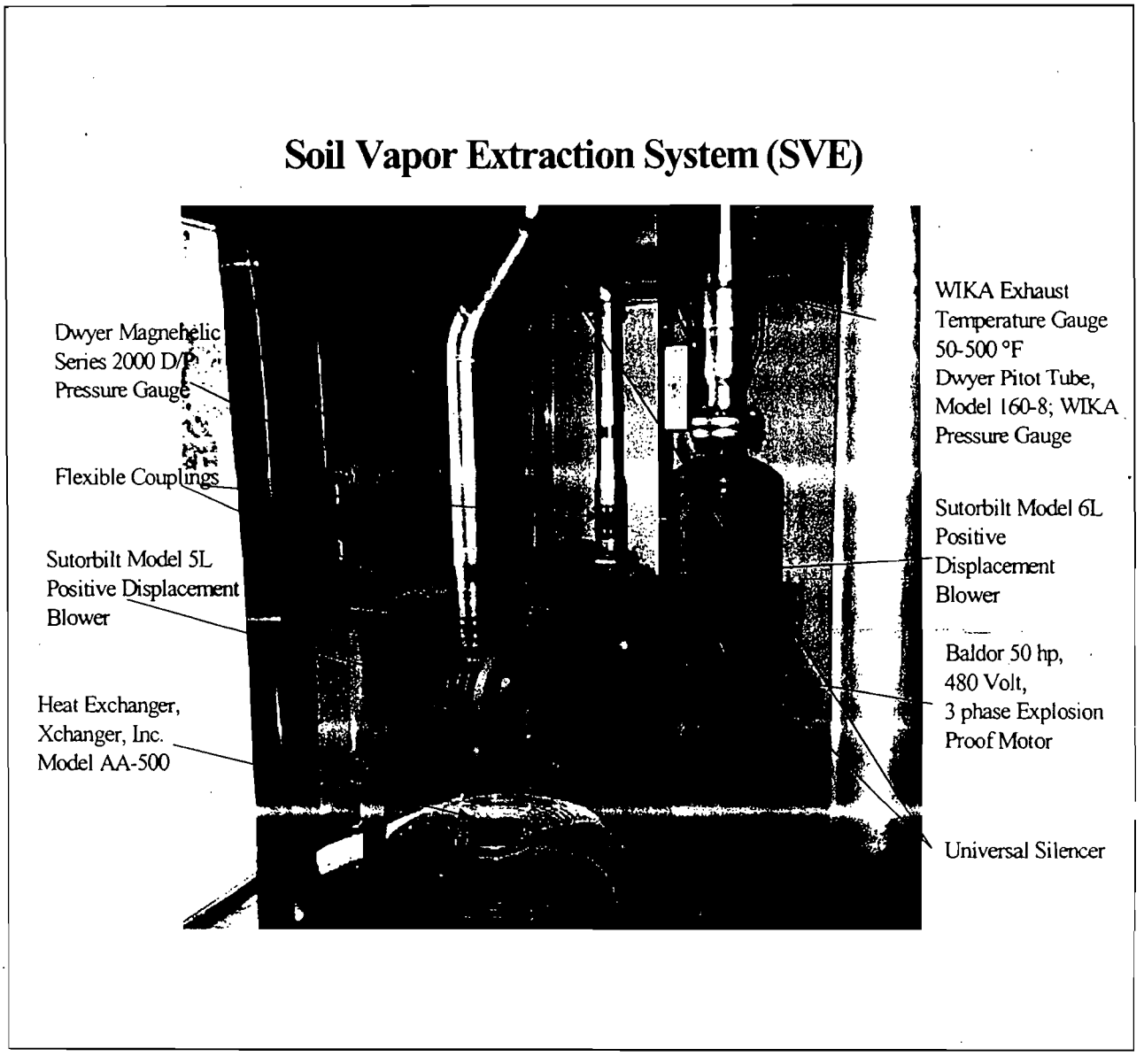


Figure 8. Mound OU-1 Soil Vapor Extraction System Components.

An ERS Model MS180 80-gallon carbon steel high efficiency liquid/vapor separator is an additional system component. The unit is equipped with a 6" inlet port, moisture coalescing elements, sight gauge tubing, manual fluid drain valve and a hand operated manual diaphragm pump for condensate and sludge removal. Figure 9 displays the SVE moisture separation components.[2,10]

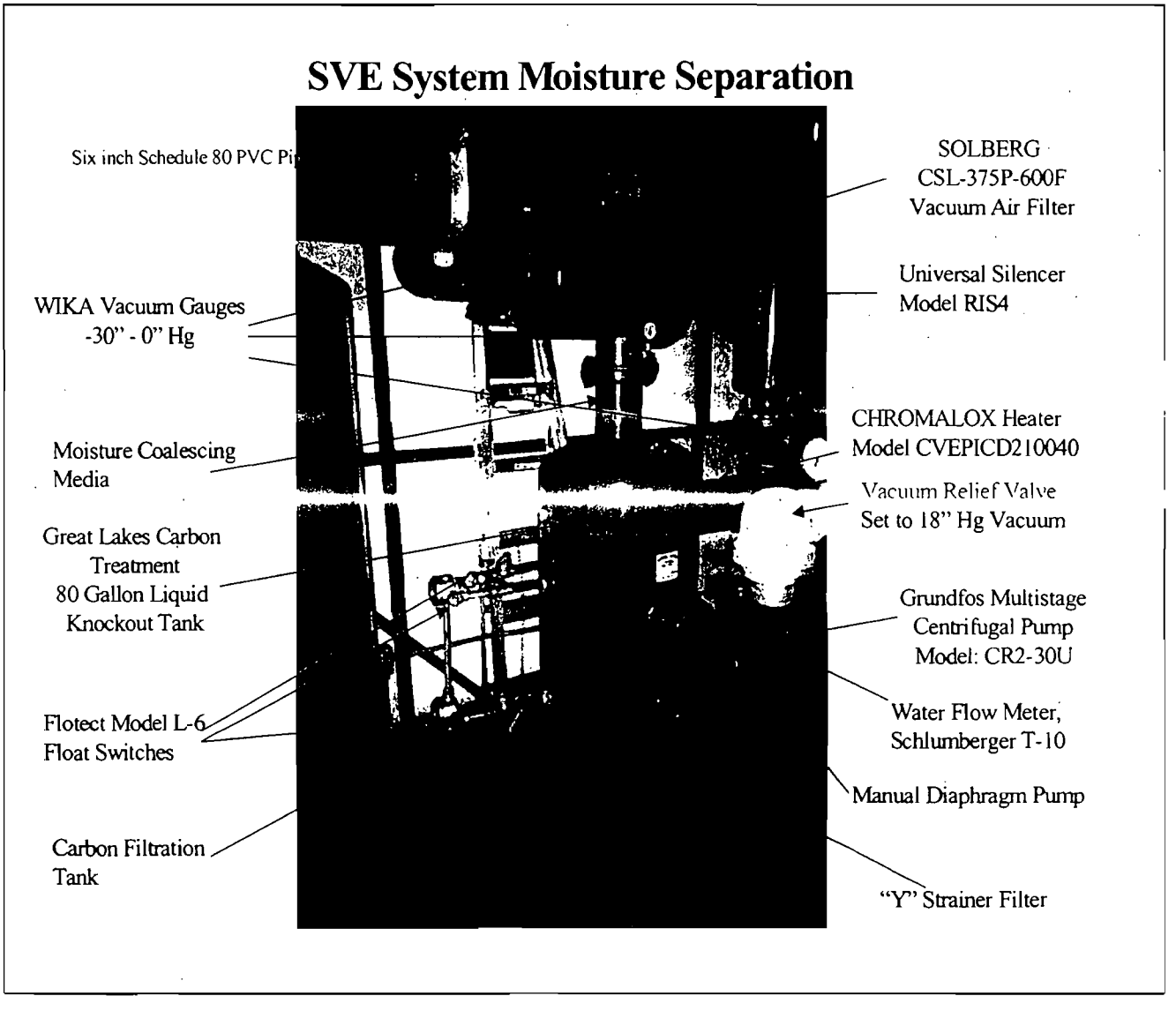


Figure 9. Moisture Separation System Components.

Two TetraSolv Model HVUF-200 carbon steel activated carbon treatment units are installed with the OU-1 system. Each unit is 48 inches in diameter and 96 inches high and contains 2,000 lbs. of activated carbon for a system total of 4,000 lbs. of carbon. These carbon steel tanks are rated for operation up to 20" mercury vacuum. A photograph and flow schematic are both found in Figure 10.[2,10]

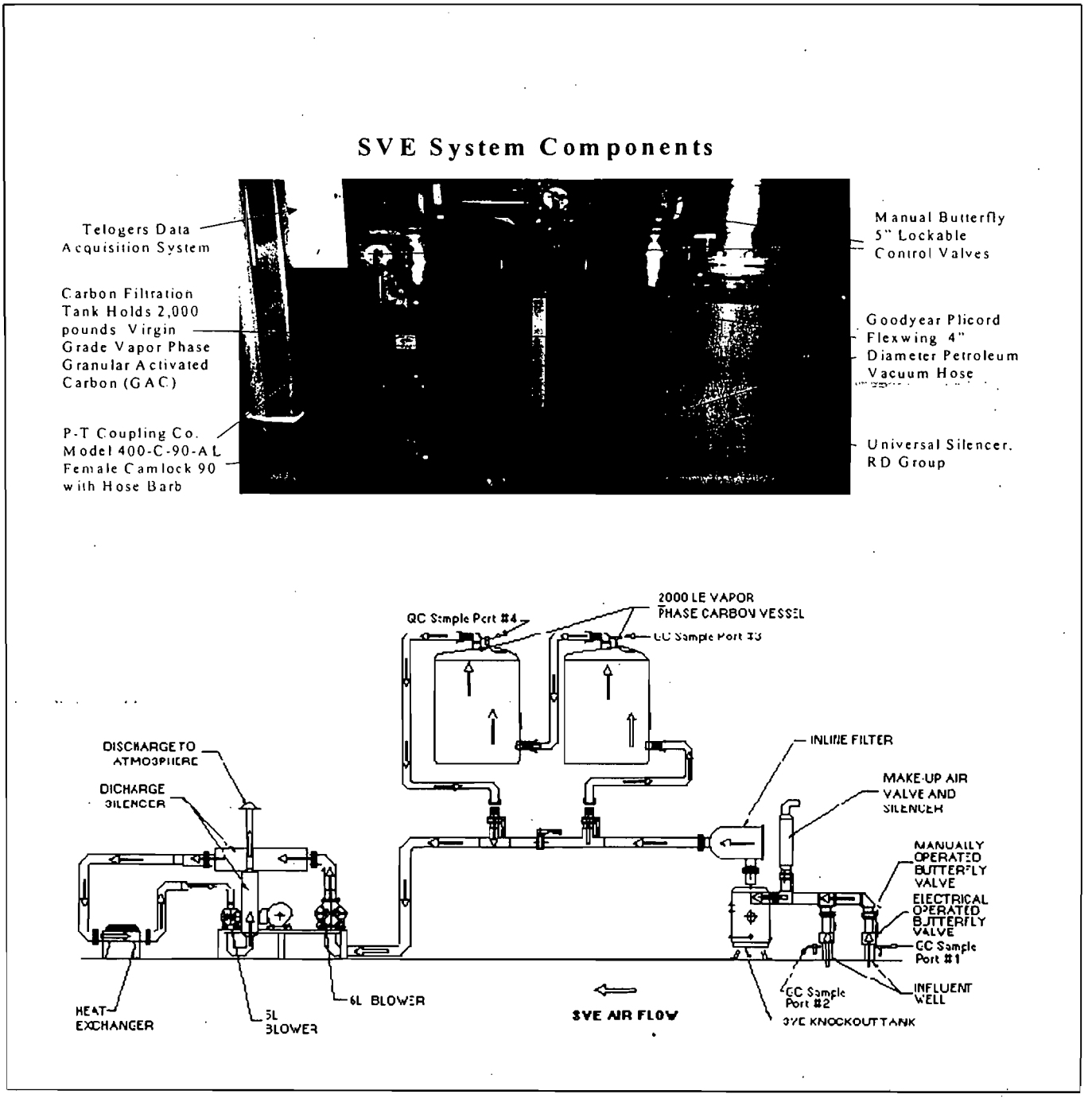


Figure 10. SVE System Activated Carbon Treatment Units with Flow Diagram.

The SVE system is plumbed with 5" Schedule 40 A53 carbon steel piping leading to the 5" system manifold. Several photographs showing general site SVE and AS system piping are shown in Figures 11 and 12, white piping is AS system PVC. [2,10]

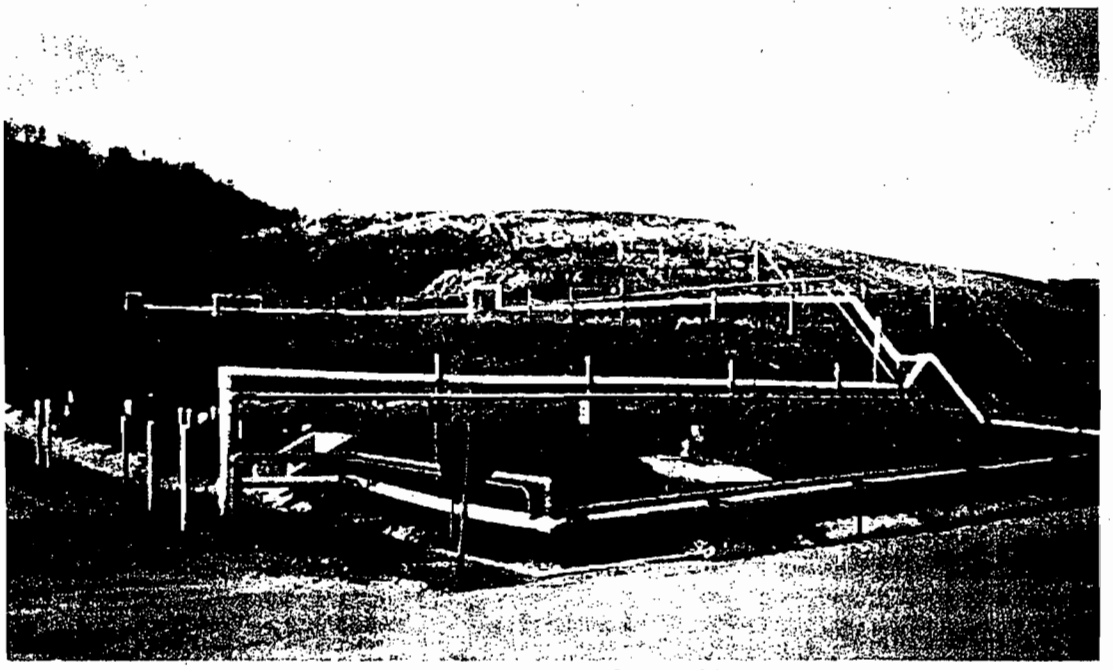


Figure 11. Piping Layout, Southwest Corner of Landfill Looking Northeast.

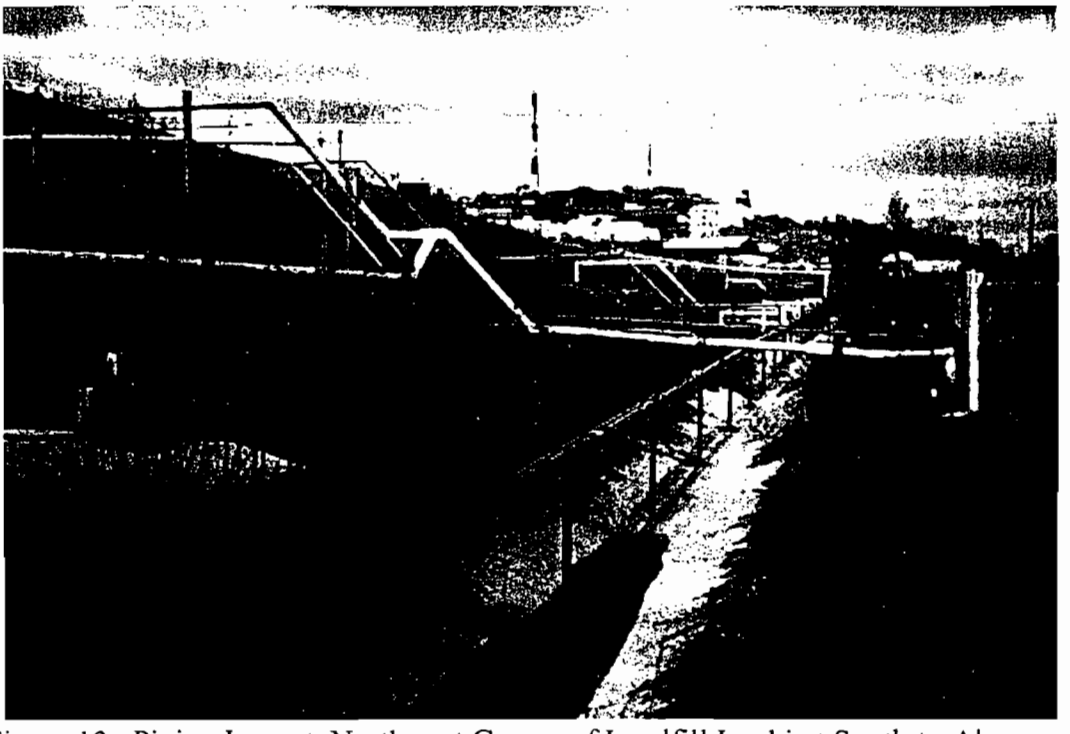


Figure 12. Piping Layout, Northwest Corner of Landfill Looking South to Above.

A general site map detailing the AS/SVE system layout is shown in Figure 13.[5]

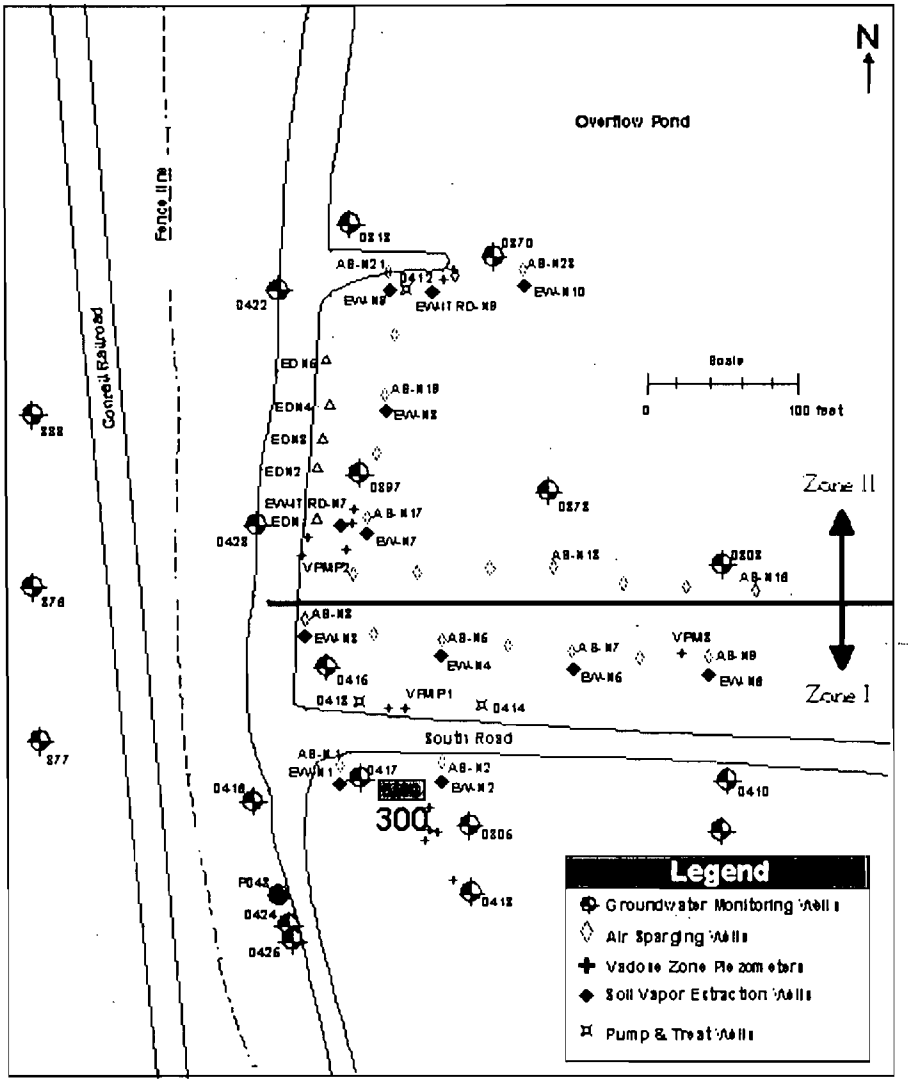


Figure 13. Site Map with AS/SVE and Monitoring Well Locations.

The North Area SVE system consists of 12 vertical wells and 5 horizontal wells. The French drains shown in Figures 14 and 15 were initially installed beneath the new sanitary landfill as leachate drains. These drains were plumbed into the SVE system to create the 5 horizontal wells labeled EDN1 through EDN5 (Figure 13) and provide sparging airflow in an area that would not be accessible via traditional vertical drilling.[3]

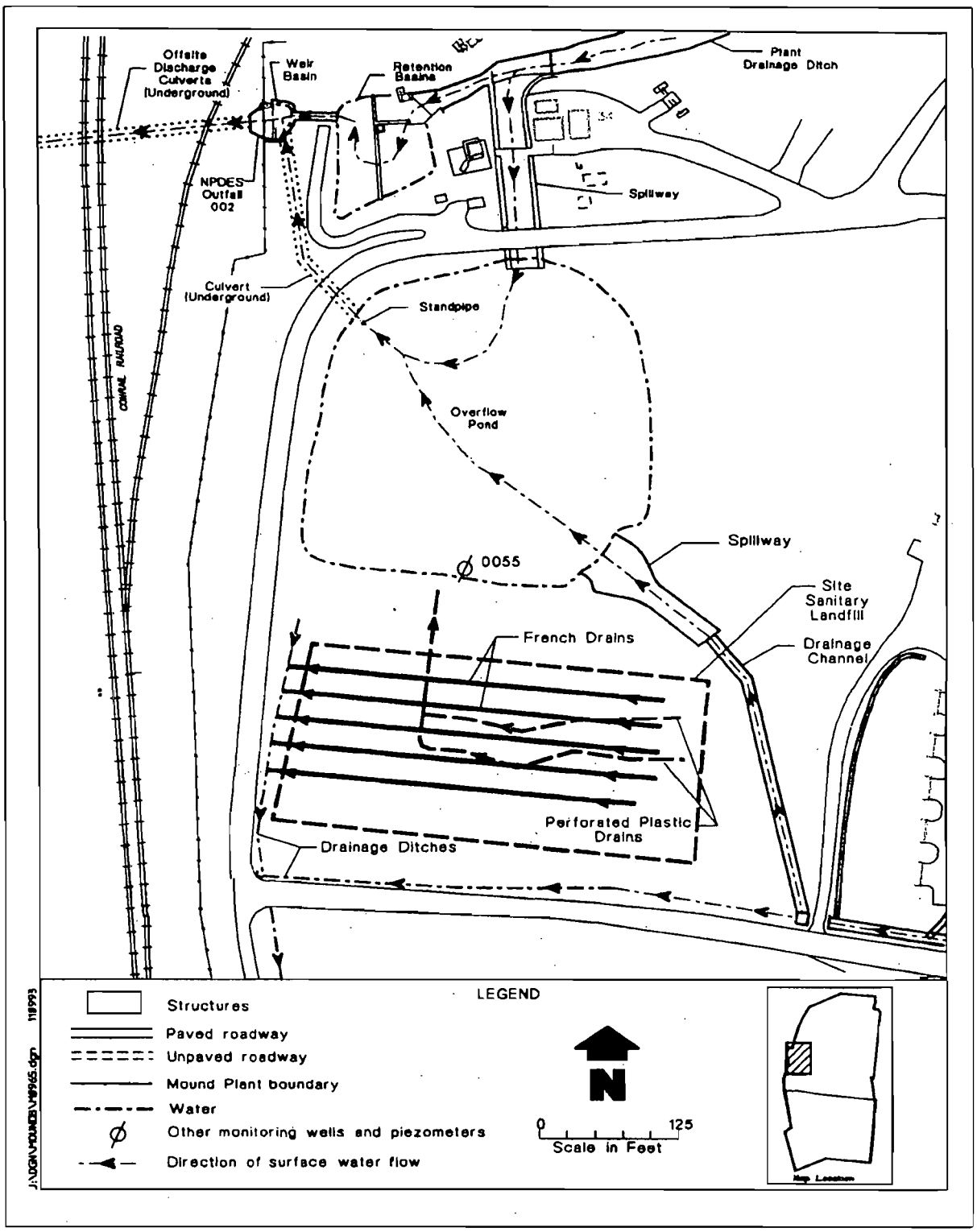


Figure 14. Location of French Drains in Relation to the Landfill and Overflow Pond.

Figure 15. Photograph depicting "daylighting" of French drains along western road.

The 17 North Area SVE wells are divided into 2 subsystems. Zone 1 consists of SVE wells EW-N1 through EW-N6. Zone II, the primary testing zone, includes SVE wells EW-N7 through EW-N10, the additional ITRD group wells EW-ITRDD X & EW-ITRD-N9, and EDN1 through EDN5, the 5 plumbed French drains. The maximum flowrate provided by the 11 SVE wells in Zone II is 650 scfm, which is the flowrate measured during Tracer Test 1.[1,2,12]

2.4.2 AS System

As with the SVE system, an integrated Air Sparging System was provided by ERS of Middletown, Pennsylvania. This system was designed to deliver 280 scfm at a wellhead pressure of 10 pounds per square inch (psi). System pressure losses were calculated at 3 psi thus requiring operating conditions of 280 scfm at 13 psi. The blower supplied in the air sparging package is a Gardner Denver Sutorbilt positive displacement Model 5H-II

and is equipped with a 25 Hp 3/60/480 volt explosion proof motor. Periphery equipment for the AS system is similar to that noted in the SVE package. A photograph and flow schematic of the AS system are included in Figure 16.[2,10,11]

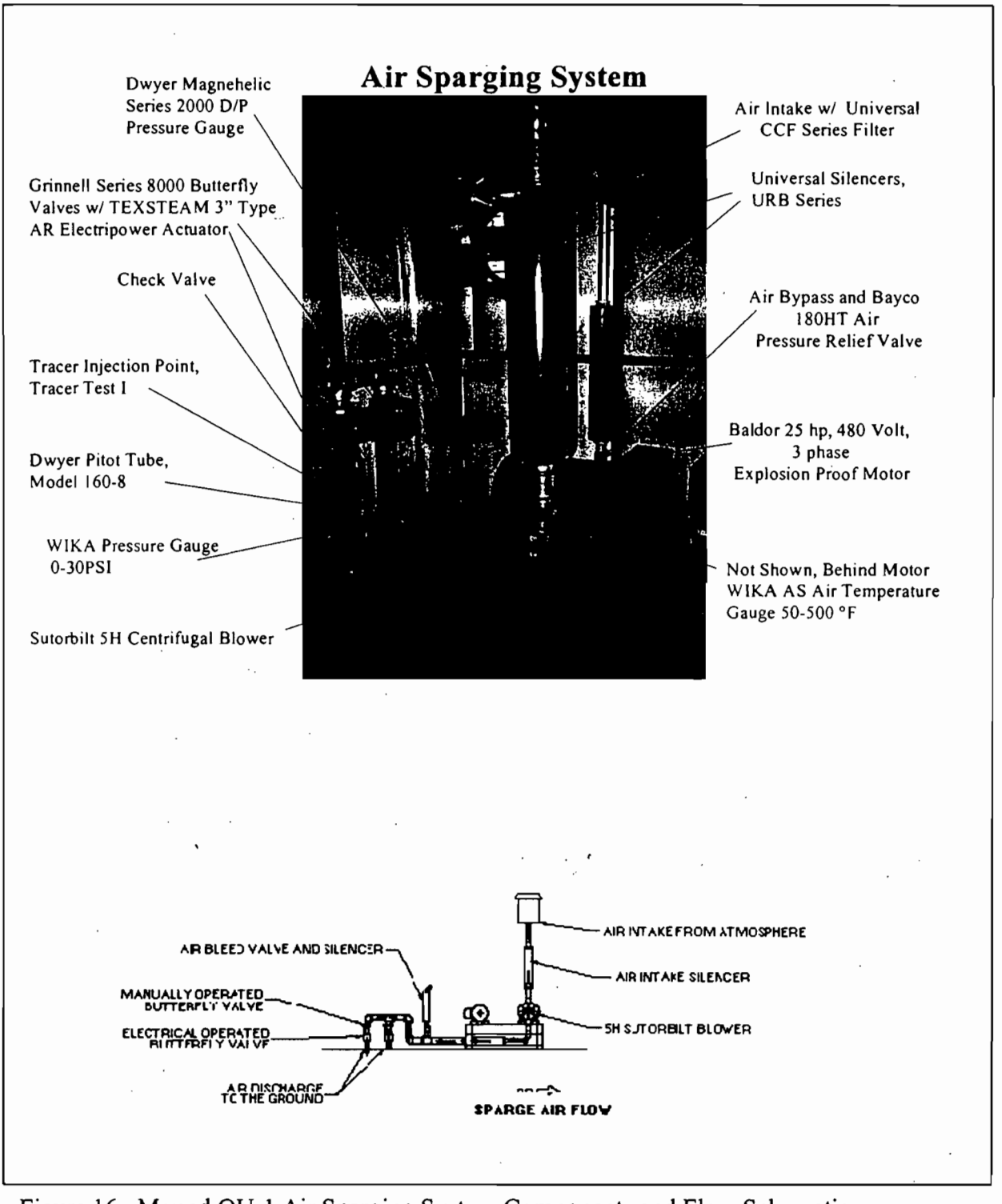


Figure 16. Mound OU-1 Air Sparging System Components and Flow Schematic.

Both the AS & SSVE blower system are housed inside a sixteen foot by twenty foot metal frame building. The building is equipped with 3/60/480 volt 250 amp power and required electrical transformers, heating & ventilation, blower starters, timers, alarms automatic valves and circuit breaker auto shutdown. Both the AS & SVE blower incorporate 5" carbon steel schedule 40 manifolds to distribute flow throughout the systems. The photograph in Figure 17 shows the AS/SVE building on the right with the groundwater pump and treat air-stripping building shown on the left. The view is from the south road looking south, wells AS-N1 and EW-N1 are seen in the foreground.[2]

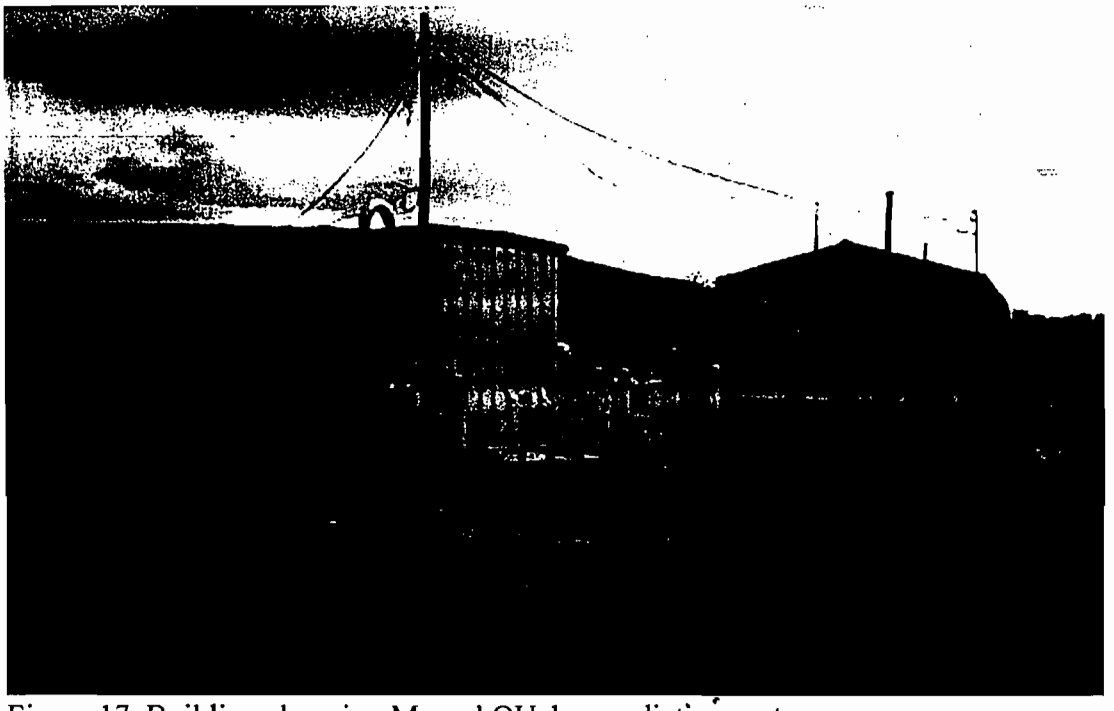


Figure 17. Buildings housing Mound OU-1 remediation systems.

2.4.3 Groundwater Pump & Treat Air Stripping System

There is limited information available for the Mound OU-1 Groundwater Pump and Treat Air Stripping System (GW P&T). A brief summary of basic system components is presented here.

The GW P&T system pumps approximately 100 gpm through the 3 system wells. Nominal flow rates are 25 gpm for well # 412, 45 gpm for # 413, and 32 gpm for # 414. Location of the GW P&T wells is shown in Figure 18, facility buildings are represented by the gray rectangle in Figure 18 and are shown in Figure 17 on the previous page.[5,12]

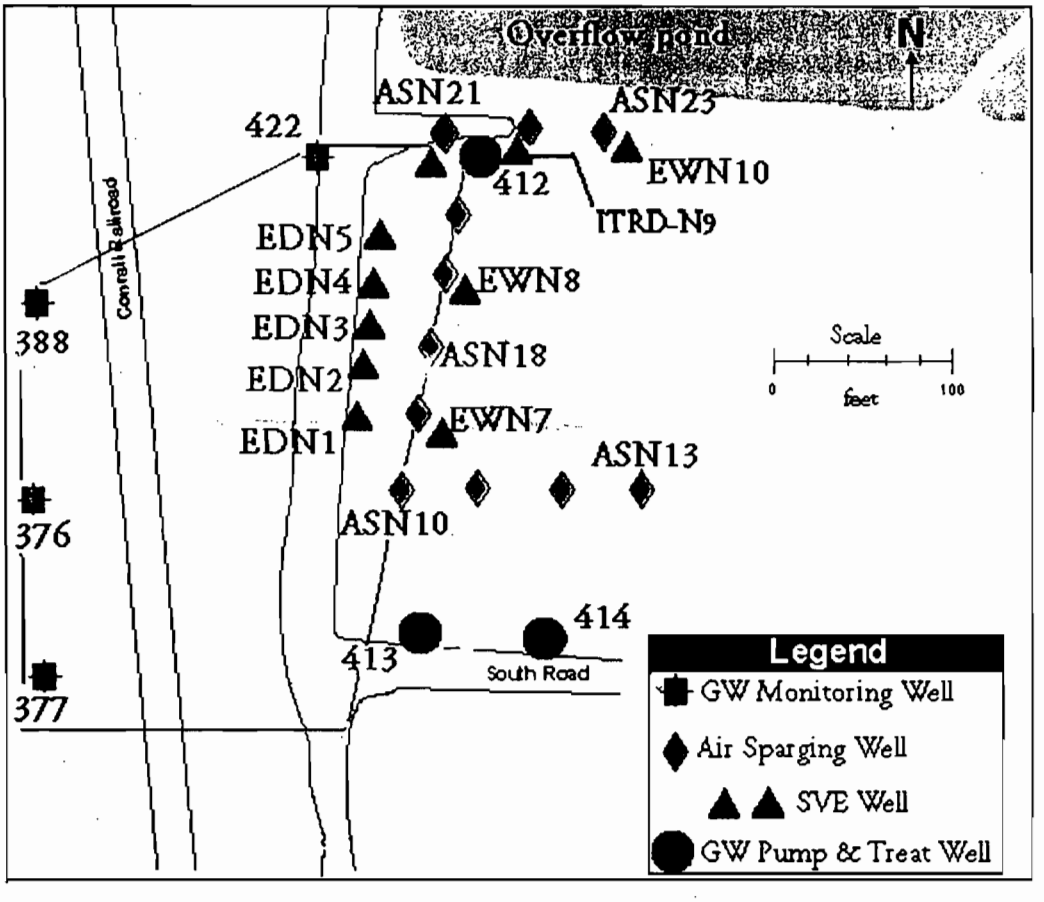


Figure 18. Site Map Identifying GW P&T System Pumping Wells.

Figure 19 on the following page contains a labeled photograph displaying the Mound OU-1 Air Stripper and also a simple schematic of the system.[10,11]

Pump & Treat Air Stripper

North East Environmental Products Shallow Tray Low Profile Air Stripper

Water Temperature and Pressure Gauges

Solberg Model FS-377P-600F Air Intake Filter Silencer

American Fan Model BC 3-6-22A Blower

Baldor 10 hp, 480 Volt, 3 phase 3450 RPM Motor

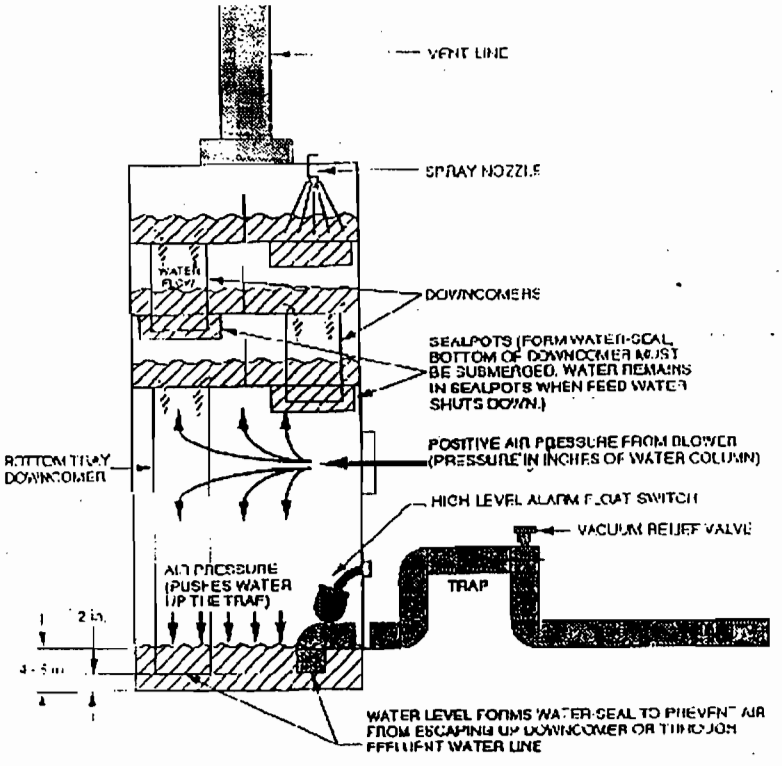


Figure 19. Groundwater Pump & Treat Air Stripper System Components and Schematic.

2.4.4 Wells

Area B of Mound OU-1 is inundated with wells, boreholes and piezometers. Figure 20 displays the wells and piezometers located in and near Area B.[3]

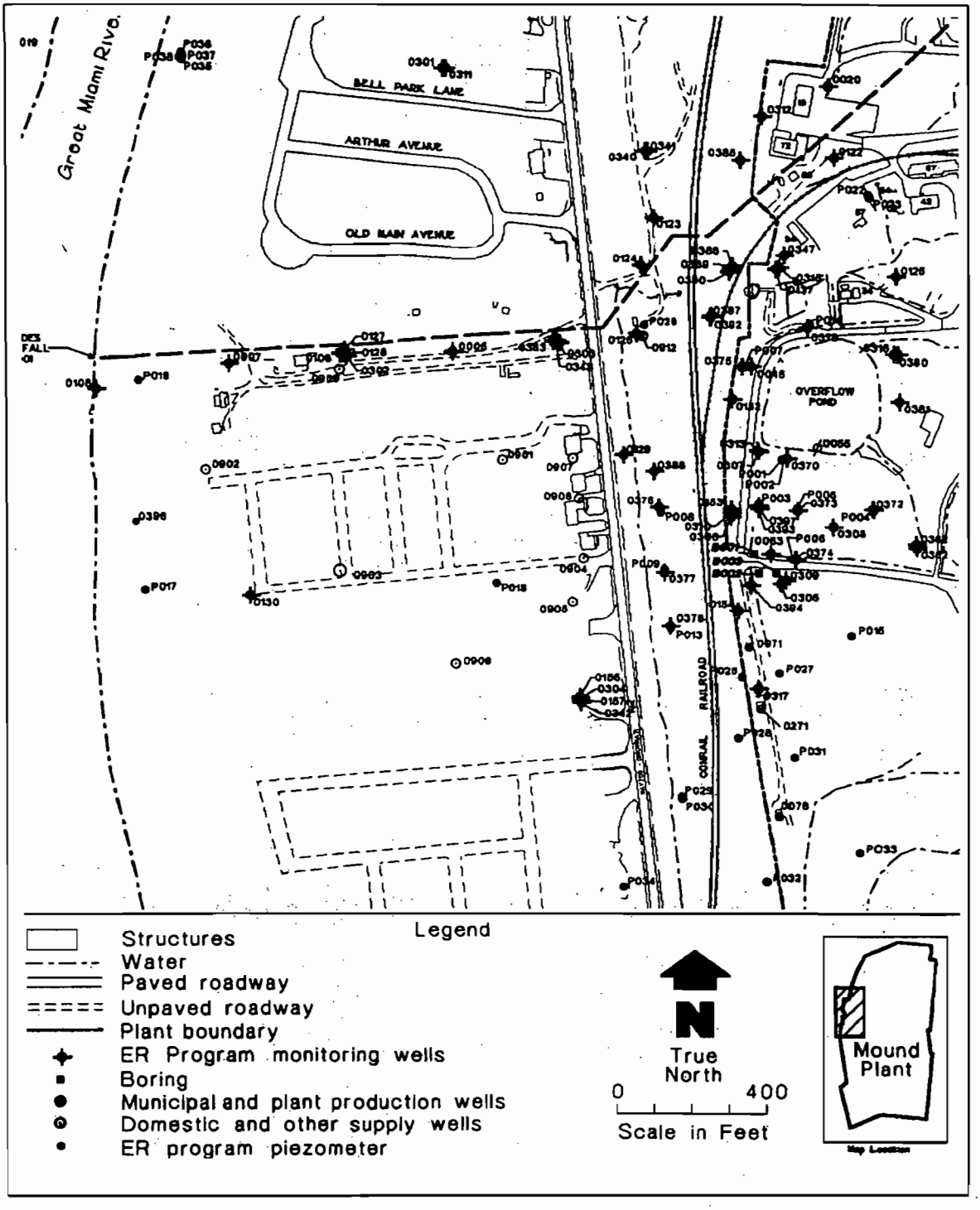


Figure 20. Well, Borehole and Piezometer Locations throughout Mound OU-1.

There are 15 4" diameter, stainless steel cased, monitoring wells at Area B. Monitoring wells typically utilize a ten-foot section of stainless steel screen positioned primarily below the water table. Most monitoring wells at OU-1 have some free screen located within the vadose zone, the length of which is dependent on groundwater level.

Wells found in Appendix D of the RI report range between 26 and 65 feet in depth. Piezometers in the area are 2-inch diameter PVC cased wells that typically incorporate a 10-foot section of PVC screen. Piezometers reported on in the RI report range between 35-110 feet deep. A typical drilling log from the Weston RI report, for both a monitoring well and piezometer, can be found in Appendix B.

3.0 TRACER TEST I

3.1 Test Plan

Based on the tracer test plan, an underground gas tracer test was performed at Mound OU-1, Miamisburg, Ohio during the week of May 17, 1999. Goals of the testing were to: 1) estimate hydraulic connectivity between the air sparging (AS) and soil vapor extraction (SVE) wells; 2) determine if the SVE system provides adequate capture of the subsurface vapors generated by the AS system; and 3) evaluate potential off-site migration of AS system generated vapors.[5]

A variety of tracer test configurations were considered: either a single well or manifold injection, a steady state flow or pulse type injection. These options were discussed by the ITRD group during a telephone conference call on December 14, 1998. Gas extraction and monitoring would be carried out using the entire SVE system.

3.1.1 Manifold vs. Single Well

3.1.1.1 Single Well

Tracer gas injection could be carried out by either injecting the gas into the entire AS system manifold, or simple modification could have been implemented to allow the gas to be injected in a single AS injection well. The single well injection option requires the selection of one well that would produce the most significant results. Two single well options were considered: 1) inject in AS-N18, extract and monitor on the entire Zone II SVE system, or 2) inject in AS-N21 or AS-N23 and extract and monitor on the entire Zone II SVE system.

The AS-N18 injection well is located in a region between the two most dominant SVE wells, EW-N7 & EW-N8. Extraction well EW-N7, which is located in an area that exhibits high hydraulic conductivity, was the subject of Radius of Influence (ROI) testing carried out August 4, 1998.[13]

Both EW-N7 & EW-N8 have similar overall flow rates. The ROI report notes that the radius of influence of EW-N7 exhibits a vacuum of approximately 2" H_2O 74 feet away.[13] Injection into this single well, AS-N18, would likely be dominated by these two extraction wells and would only provide data for a portion of the site in which the pneumatic connection is already well defined.[9,14]

An injection into either AS-N21 or AS-N23 was considered since these wells exist in a region where the extraction wells would have a lesser influence on the injected gas, possibly allowing greater gas dispersion in the subsurface. The difficulty with this option is in the selection of the actual location of injection. With injection carried out at a location near the end of the SVE bank, only a limited number of extraction wells would influence tracer withdrawal. An accurate picture of the pneumatic connections in other site regions could not be developed. This option would also likely develop a conservative, or "worst-case scenario" for offsite vapor migration.[9,14]

3.1.1.2 Manifold Injection

The second option considered was to inject tracer gas into the entire Zone II AS manifold. This option called for injection of gas into a balanced AS system that would deliver an equal amount of tracer to each of the manifold wells. The manifold feeds 14 sparging wells, of which 5 have a little or no flow rate, therefore, this injection option could be assumed to feed 9 AS wells. As these wells are spread throughout AS Zone II this option would provide a much clearer overall picture of the site and a better understanding of actual conditions.[9,14]

Based on this expectation the ITRD group recommended that the injection would be carried out in the entire AS manifold utilizing all AS wells. This method would evaluate capture efficiency for the entire AS/SVE system.[9,14]

3.1.2 Continuous Flow vs. Pulse/Plug Flow

3.1.2.1 Continuous Flow

Gas tracer injection could follow one of two injection methods: continuous mass feed or one-time mass (pulse or plug) injection. A continuous tracer injection test utilizes a steady state constant injection of tracer gas than mass injection rates are compared to mass removal rates through which efficiency can be estimated. Extensive early test gas samples are not required; however, this method will likely take longer than the pulse method and require large quantity of gas.[9,15]

Injection of a large quantity of tracer into the subsurface could require a permit under State and Federal underground injection control (UIC) regulations. There are also difficulties associated with establishing a steady-state mass feed. The gas injection source must be kept at constant temperature, which would require some type of temperature control equipment. Additionally, injection rate must be monitored throughout the testing period, requiring the attention of a technician.[15]

3.1.2.2 Pulse/Plug Flow

A pulse tracer test method involves a one-time injection of tracer, reducing the amount of chemical placed into the subsurface. Concentration and overall mass flow rate at an extraction site are measured and a simple injection vs. extraction mass balance is then calculated. Collection efficiency is determined by calculating the ratio of total mass removed to the total mass injected. The pulse method requires a smaller amount of chemical to be injected along with a much shorter duration of the actual injection. Tracer mass is simply dumped into an injection port directly from the gas storage bottle. This eliminates the need for temperature control equipment and greatly reduces the time a technician needs to be involved in the monitoring of gas injection.[9,15]

Monitoring of the arrival, concentration throughout testing, and disappearance of the tracer gas is critical. Extraction gas sampling therefore needs to be performed almost immediately upon the start of injection and continued throughout the test. This can require a 24-hour sampling routine and the need for a team of technicians throughout the testing period.

The ITRD team discussed both the continuous and pulse methods, determining that both methods appeared capable of generating the required data. As automated gas sampling equipment was available onsite (which eliminated the need for a 24-hr technician monitoring team), regulatory officials preferred injecting the smallest possible volume of gas, and a pulse injection of gas was much easier to control, the pulse/plug flow test procedure was chosen.[9,14]

3.1.3 Tracer Gas

Selection of the tracer gas itself was based on physical and chemical characteristics and ease of detection using the currently installed onsite Sentex gas chromatogram monitoring system. Tracer compounds used in subsurface tracer tests have included sulfur hexafluoride and halogenated compounds. Halogenated compounds were favored due to the ease of detection and monitoring by the existing gas chromatogram system. Some simple research was performed on a list of commercially available gases and discussions were held with Randy Golding, Tracer Research, Inc., Tucson, AZ, regarding the test objectives and the advantages and disadvantages of various tracer gases. Mr. Golding suggested the use of Halon 1211. A small sample was sent to the Mound OU-1 to test the gas's compatibility with present test equipment and the onsite CoC's. Halon 1211 (Bromochlorodiflouromethane) was then chosen as the test tracer gas because: 1) it had similar vapor pressure and molecular weight to the major site CoC's and 2) onsite testing showed it's column retention time caused no co-elution interference with existing site VOCs. The ITRD team recommended that 10 lbs of gas would be injected. Properties of Halon 1211 are listed in Table 3.[15,16]

Table 3. Properties of Halon 1211.

Property	Value
Molecular Weight	165.37 g / mol
Melting Point	-159.5 at 25 °C
Boiling Point	24.8°F (-3.7 °C)
Specific Gravity (water = 1)	1.83
Vapor Pressure (mm Hg)	1770 at 68°F 2.07E+03 at 25 °C
Vapor Density[1]	5.8 at 68°F
Solubility in water	2.77E+02 mg/L at 25 °C
Henry's Law Constant	9.40E-02 atm m3/mol 25°C
log octanol-water partition coefficient	1.90
Appearance	Colorless gas
Odor	Sweet

1) Vapor Density reported in relation to the density of standard air, with air density reported as 1.0.

3.2 Initial Estimates

Preliminary estimates of tracer transport in the subsurface were conducted prior to the test to develop a sampling plan. Since the Sentex automated sampling/analysis system was already operational on-site there was no need to determine analysis methods or techniques. The primary concerns were sampling frequency, and the expected arrival, flow through and disappearance of the tracer "pulse". Initial tracer gas detection or initial tracer arrival time, time for the total mass of tracer to travel through the system, and expected peak gas concentrations were all estimated.

Simple modeling methods were employed to estimate the travel of the tracer gas mass in the subsurface and concentration levels expected at the SVE intake manifold.

Throughout the initial estimate procedures several simplifying assumptions were made and carried through these models:

1) Land surface is a no-flow boundary (modeled for winter conditions)
2) Tracer gas is inert, non-reactive and insoluble
3) Steady state flow conditions exist throughout the flow field
4) Preformed flow channels exist between the AS and SVE systems
5) Gas travel rates in the saturated and unsaturated zones were considered equal to simplify calculations and develop conservative estimates.

3.2.1 Initial mass arrival

3.2.1.1 Dominant Well Method

Initial tracer arrival was estimated by examining the dominant SVE wells in Zone II. Mound personnel had generated several system balance reports that provided flow and vacuum history for each well in the Zone II bank. The following table is an excerpt from system balance report #2 and shows a time history of vacuum and flow rate for the Zone II SVE well bank. Wells ED-N1 through ED-N5, the French drains, were omitted from this analysis as the ROI report has shown they do not maintain an appreciable, measurable vacuum.[13,17]

Table 4. Time History of Vacuum and Flow for Zone II SVE Wells

	EW-N7		EW-N8		EW-N9		EW-N10		EW-ITRD-N7		EW-ITRD-N9	
date	In Hg	cfm	In Hg	cfm	In Hg	cfm	In Hg	cfm	In Hg	cfm	In Hg	cfm
12/17/97	-5	72	-5	87	-5	2	-5	2	-5.5	2	-5	21
12/23/97	-4.25	100	-3.5	100	-10	3	-10	4	-10.4	7	-10	33
3/5/98	-4.5	122	-3.4	122	-12.25	NM	-12.2	NM	-8	NM	-12.25	29
4/28/98	-6.1	122	-3.75	124	-9.4	7	-9.5	4	-10	0	-9.4	9
5/28/98	-7	122	-3.8	125	-9.2	15	-8	13	-9.6	0	-9.5	17

NM - Not Measured

Examination of Table 4 shows that EW-N7 and EW-N8 are clearly the dominant wells in the Zone II SVE bank, with flowrates roughly 8 times higher than any of the other wells in Zone II. It was therefore assumed that these two wells would dominate the initial arrival of the gas tracer. The AS well at the shortest linear distance from either EW-N7 or EW-N8 was then determined by scaling length from the site map.[5]

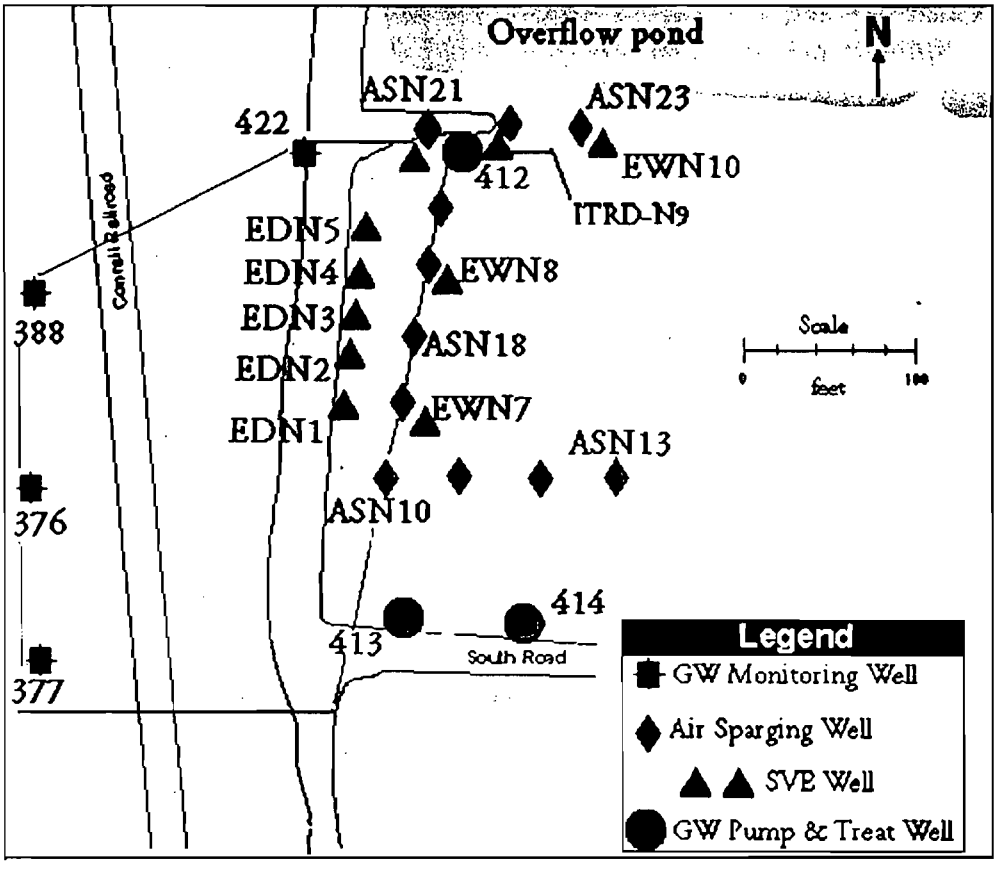


Figure 21. Air sparging and soil vapor extraction well locations.

This method also utilized the elevation change from the top of the AS well screen to the middle of the SVE well screen to form a simple triangle between wells. The hypotenuse of the developed triangle was then considered the linear distance of travel. The results of these calculations can be found in Table 5.

Table 5. Distance and Velocity Calculations for Initial Estimates.

Sparge Well	Primary SVE well	Horizon. Distance (ft)	Vertical Change (ft)	Travel distance (ft)	Darcy Velocity /Flux (ft/hr)	Air flow (cfm)	% of total system flow	Halon 1211 (lbs)
AS-N10	EWN-7	31.25	14.5	34.5	23	3.8	1.85	.185
AS-N11	EWN-7	50	14.5	52	18	18.8	9.14	.914
AS-N12	EWN-7	94	14.5	95	9.5	47.5	23.1	2.31
AS-N13	EWN-7	138	14.5	139	6.5	3.1	1.51	.151
AS-N14	NA	NA	NA	NA	NA	0	NA	NA
AS-N15	NA	NA	NA	NA	NA	0	NA	NA
AS-N16	NA	NA	NA	NA	NA	0	NA	NA
AS-N17	EWN-7	10	18	20.6	23	9.2	4.47	.447
AS-N18	EWN-8	31	15.5	34.7	23	21.5	10.45	1.045
AS-N19	EWN-8	10	15.5	18.5	23	8.1	3.94	.394
AS-N20	EWN-8	50	16	52.5	18	25.6	12.44	1.244
AS-N21	N8/N10	81	17.5	83	10.5	44.5	21.6	2.16
AS-N22	EWN-10	50	18.5	53	18	23.7	11.52	1.152
AS-N23	NA	NA	NA	NA	NA	0	NA	NA
totals						205.8	100	10

NA: No estimate performed due to lack of airflow

Initial estimates included an attempt to determine the mass of tracer gas that might flow through each individual AS well upon injection into the intake manifold. Assumptions used in this process were:

1. Instantaneous gas dispersion through an unbalanced AS well field
2. Constant temperature and pressure through the AS system
3. Constant velocity and steady-state flowrate.

Individual well flowrate was summed to produce an AS intake manifold flowrate. Each individual well flowrate was then divided by the total flowrate to produce a percent of total flowrate. This percent of total flowrate was then used as a multiplier to determine the percent (and therefore mass) of the 10 lbs of tracer that might flow through a particular well to determine potential Halon 1211 concentrations. The result of these calculations can be found in the last few columns of Table 5.

This analysis indicated that tracer gas injected through AS-N18 would be the first vapor mass through the subsurface and detected in the SVE system exhaust, due to the short travel distance betweenAS-N18 and EW-N8 and the expected tracer velocity.

3.2.2 Travel Time

3.2.2.1 Darcy Velocity

To estimate the time of travel from initial gas injection to initial SVE exhaust detection, data taken from the Mound OU-1 Air Sparging and Soil Vapor Extraction Radius of Influence (ROI) Report #1 was utilized. To produce this data the soil vapor extraction system was altered so only one SVE well was operating. Vacuum and flow rate for the single well was set at about the same values as when it was operating with the entire network. Pressure measurements were made at piezometers and SVE wells at various distances from the operating well with the system operating at steady state. The testing for Zone II was carried out on EW-N7, which was tested at a vacuum of 7 in Hg and a flowrate of 157 cfm. The results of testing at EW-N7 are found in Table 6.[13]

Table 6. ROI Test, Zone II, Measured Vacuum due to High Flow Well EW-N7.

Operating Well					
Well ID		Vac. ("Hg)	Flow (fpm)	Flow (cfm)	
EW-N7		7	7175	157	
Measurement Locations					
Location	"H_2O WC (vacuum)	Distance (ft)	Location	"H_2O WC (vacuum)	Distance (ft)
EW-N2	0.13	151	ED-N5	0.034	NM
EW-N4	0.165	84	ITRD-N7	0.25	10
EW-N5	0.14	138	ITRD-N9	0.9	160
EW-N6	0.085	205	VPMP-1 S	0.46	115
EW-N8	1.8	74	VPMP-1 M	0.17	115
EW-N9	0.5	147	VPMP-2 S	3.4	40
EW-N10	0.115	170	VPMP-2 M	0	40
ED-N1	0	NM	VPMP-3	0.08	189
ED-N2	0.08	NM	VPMP-4S	0	153
ED-N4	0	NM	VPMP-4M	0.03	153

NM– not measured

The ROI report also included an estimated intrinsic permeability for all the flow into EW-N7 by using the following equation for the steady state cylindrical flow into an extraction well:[13]

$$k = \frac{QP_w \mu \ln(r_w / r_i)}{L\pi(P_w^2 - P_{atm}^2)}$$

Where:

- k = intrinsic permeability (ft^2)
- μ = viscosity of air (1.8E-7 mbar*sec)
- P_w= well pressure (7 in Hg = 780mbar)
- P_{atm} = atmospheric pressure (1013 mbar)
- Q = flow rate (157 ft^3 /min)
- r_w = radius of well (0.017 ft)
- r_i = radius of influence (150 ft)
- L = screen length (10 ft).

Estimated average subsurface velocities can also be found in the ROI report. These velocities were calculated by using a version of Darcy's law, modified for any fluid:

$$V = \frac{-k}{\mu}\left(\frac{\Delta h}{\Delta l}\right)(\rho g)$$

Where:

- V = Darcy velocity (cm/sec)
- k = intrinsic permeability (cm^2)
- ρ = density of air (0.00582 g/cm^3)
- g = acceleration due to gravity (980 cm/sec^2)
- μ= viscosity of air (1.8E-4 g/cm*sec)
- Δh = change in pneumatic head (ft of air)
- Δl = change in distance (ft)

Assumptions associated with velocity calculations were:

1. Constant temperature and pressure
2. Single phase flow only
3. Steady-state saturated gas phase flow

Intrinsic permeability used was taken from the previous calculations, while the values for the changes in pressure and distance were taken from ROI test results.

These calculations produced average Darcy velocities or average gas flux rates that are plotted as Curve (2) in Figure 22. Figure 22 also includes vacuum data from Table 6, which was plotted versus distance and a curve fit performed. The resulting curve fit is shown as Curve (1) following in Figure 22.[13]

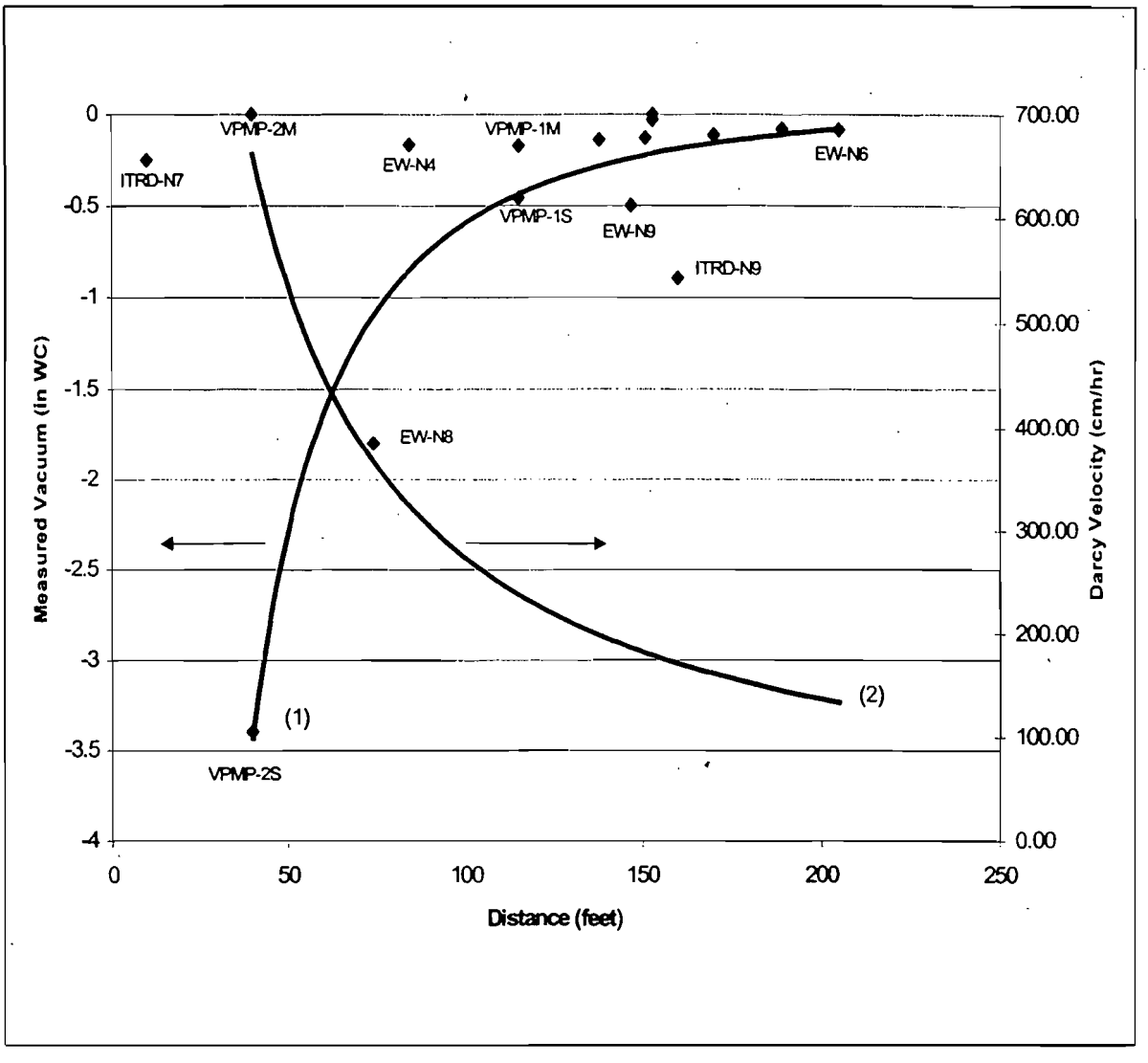


Figure 22. Measured Vacuum and Estimated Darcy Velocity from ROI Report.

Linear distance between individual AS wells and one of the dominant SVE wells were than taken from Table 5, and Curve 2 in Figure 22 used to pick an estimated velocity. A flaw associated with this method is that Curve 2 is asymptotic and provides no velocity value for a distance of less than 40 feet. The distance between AS-N18 and EW-N8 is approximately 35 feet, which is out of the range of test data.

Extrapolation of the Curve 2 relationship, which was overlooked in travel time estimations, could have approximated a greater velocity than 700 cm/hr. Extrapolation of a greater velocity would have had the effect of reducing the estimated tracer travel time, although not significantly.

To continue the travel time estimation, the percent error created by the difference between 35 and 40 feet was assumed minimal and would have a minimal effect on average velocity. All travel times for wells located within 40 feet of a dominant well were calculated by assuming the maximum Figure 22 velocity of 700 cm/hr. By dividing the linear distance between coupled wells by the estimated velocity taken from Figure 22, a rough estimate of tracer gas travel time was calculated. The results of these calculations are found in Table 7 and show that the absolute minimum expected time to tracer appearance in the SVE exhaust would be 0.8 hours, or 48 minutes.

Table 7. Results from Minimum Tracer Arrival Time Estimates.

Sparge Well	Travel distance (ft)	Travel distance (cm)	Darcy Velocity (cm/hr)	Min Time Arrival (hr)	Min Time Arrival (min)
AS-N10	34.5	1052	700	1.5	90.2
AS-N11	52	1585	550	2.9	173
AS-N12	95	2896	290	10.0	599
AS-N13	139	4237	200	21.2	1271
AS-N17	20.6	628	700	0.9	53.8
AS-N18	34.7	1058	700	1.51	90.7
AS-N19	18.5	564	700	0.8	48
AS-N20	52.5	1600	550	2.9	174.5
AS-N21	83	2530	325	7.8	467
AS-N22	53	1615	550	2.9	176

3.2.2.2 Interstitial Velocity

An additional method for estimating tracer arrival in the SVE exhaust was performed by examining interstitial velocity. Analyses were performed between wells EW-N7 to AS-N17 and EW-N8 to AS-N19, the dominant SVE wells and their closest AS well.

The region around each SVE well was divided into concentric cylinders where each cylinder's radius was 1 foot greater than the previous cylinder. Figure 23 represents the SVE well EW-N7 and the concentric cylinders created for this analysis.

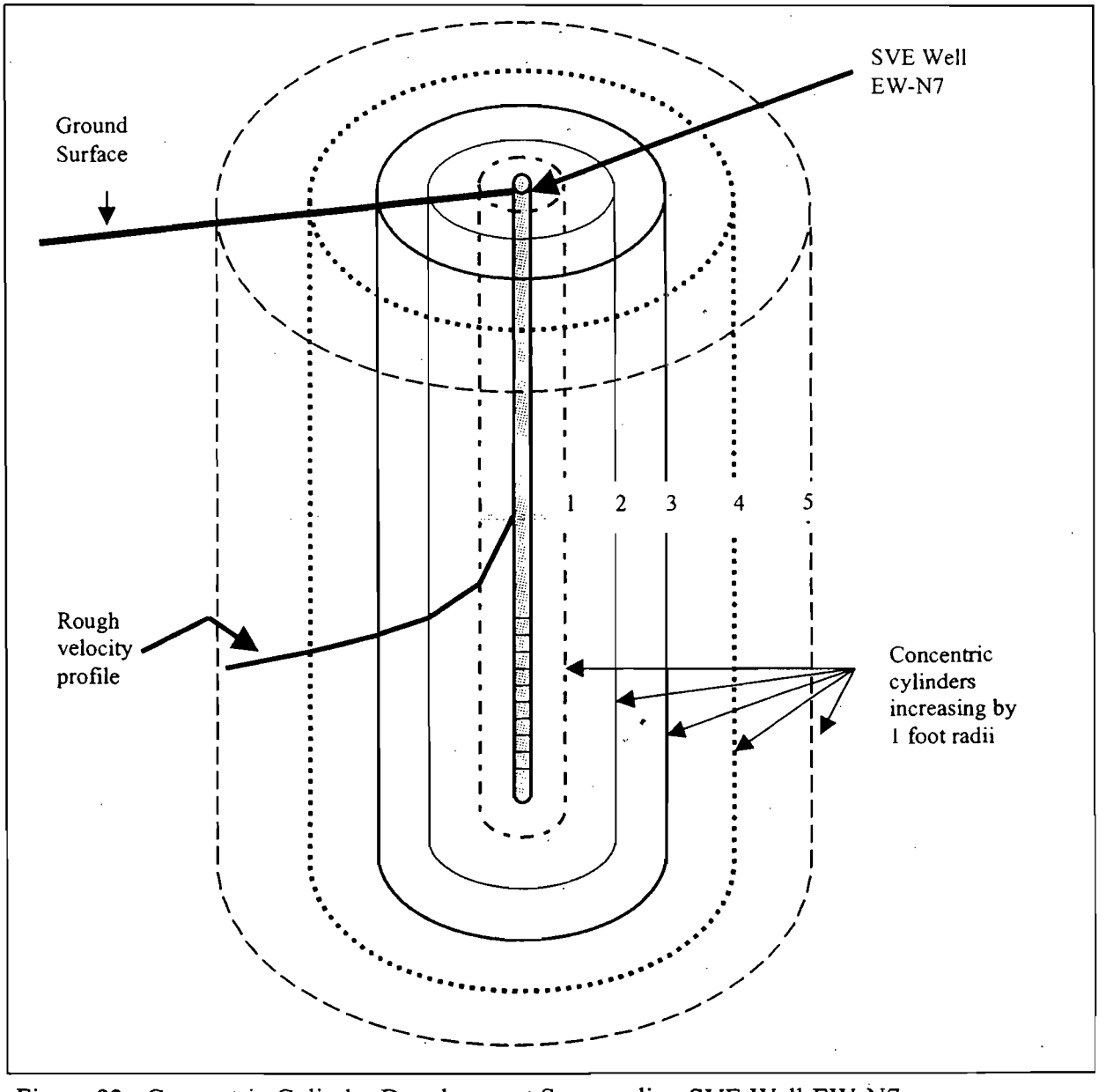


Figure 23. Concentric Cylinder Development Surrounding SVE Well EW-N7.

Average velocity at the boundary of each cylinder was calculated using the following equation for fluid flow through a porous media:

$$V = \left(\frac{1}{\zeta}\right)\left(\frac{Q}{A}\right)$$

Where:

V = Interstitial velocity

ζ = Soil porosity (0.2)

Q = Well flow rate (226 ft^3/min)

A = Surface area of the boundary cylinder.

Average velocities between cylinders were than determined and applied to the region between any two sequential cylinder boundaries. A travel time for each region was calculated by dividing 1-foot (the sequential cylinder radius difference) by the average region velocity. This developed a velocity profile for the area surrounding each extraction well; a rough estimate of a velocity profile is shown in Figure 23. All regional travel times were summed to create an overall travel time from AS-N17 to EW-N7.

Two different porosity values were used to create separate velocity profiles and travel calculations. A porosity of 0.2 was assumed in one set of calculations and a porosity of 0.28, which was calculated from historic Weston soil sampling data, was used in another. Additionally, estimates were performed assuming velocity was constant after the maximum radial distance between each AS/EW well pair was reached. Travel time estimates created ranged between 22 and 48 minutes for both the AS-N17 to EW N7 analysis and the AS-N19 to EW-N8 analysis. All calculations were carried out using MS EXCEL, printouts of these calculations can be found in Appendix C.

Interstitial velocity estimates reduced expected tracer capture time by up 50%. This method provided a better physical representation of tracer transport since it included an increase in velocity as the distance between wells decreased.

3.2.3 Expected Concentrations

The onsite gas chromatograph has two sampling modes, one for detection below 1 ppm concentration values (loop-mode) and the other for greater than 1 ppm (trap-mode). Switching between the two detection modes can be tedious and may require several calibration runs to accurately read samples. Therefore, the preferred testing method is to choose and remain in a single sampling mode for time periods of a day or more. Determination of the optimal GC operating mode and sampling methods required an estimate of tracer gas concentrations that could be expected in the SVE exhaust manifold.[20]

In an attempt to estimate test flow-through concentrations, several simple models were examined using variations of expected Darcy velocities and diffusion effects. Direction of travel was considered to be along the shortest path between each subject injection well and its dominant SVE well. Dispersion of the tracer gas pulse was considered only in the direction of travel and in the "up" direction. It is difficult to justify eliminating gaseous diffusion in any direction in an open or unconfined system, but dispersion perpendicular to the direction of travel was considered negligible relative to SVE driven advective flow.

Given the wide radius of influence exerted by the two dominant SVE wells, the relatively high velocities expected, and the short distances between the AS wells receiving the larger masses of tracer gas and their "companion" or nested dominating wells, this assumption was considered valid.

It was also assumed that the groundwater (GW) table would act as a no-flow boundary preventing diffusion in the "down" direction. Ground water level was assumed constant for these calculations and no attempt was made to develop a dynamic lower no-flow boundary. Because the model was initially developed for winter conditions (testing was initially scheduled for 2/99) the ground surface was also considered a no-flow boundary as the upper soil layer was assumed frozen and/or snow covered.

The development of preferential flow paths in the subsurface from the continuous operation of the AS/SVE system could have also had the effect of creating system "boundaries". These boundaries would be difficult to describe and were eliminated from any concentration modeling attempts although they could have further validated the limited dispersion model.

The simplified model utilized an average velocity and included dispersion in the direction of travel. The pulse of tracer gas traveling through the system was modeled as a simple pyramid having a constant unit width, and a constant unit height of 1 foot (30.48 cm) simplifying calculations of the expected pulse volume at any time "t".

Halon 1211 exhibits a vapor density of 5.8 times standard air, or 0.5 lbs/ft^3. Given air at 1 atm pressure and 300 K has a density of 1.161 g/l calculations for a Halon 1211 one-pound pulse are as follows:

$$\text{Halon 1211} = (1.161\ \text{g/L})(5.8) = 6.73\ \text{g/L}$$

$$(1\ \text{lb})(454\text{g/lb})(1\text{L}/6.73\text{g})(1\ \text{ft}^3/28.3\text{L})$$

$$= 2.38\ \text{ft}^3\ (67{,}354\ \text{cm}^3)\ \text{per pound Halon 1211.}$$

As the initial dispersion model was developed for a 1-lb injection of gas, the length for the model pyramid was chosen as 4.76 ft (145 cm) creating a model pulse of 2.38 ft^3. This model was easily adjusted to a 10-lb gas injection by simply increasing the length by a factor of 10 and creating a model pulse of 23.8 ft^3. Figure 24 contains a representation of the gas pulse pyramid model.

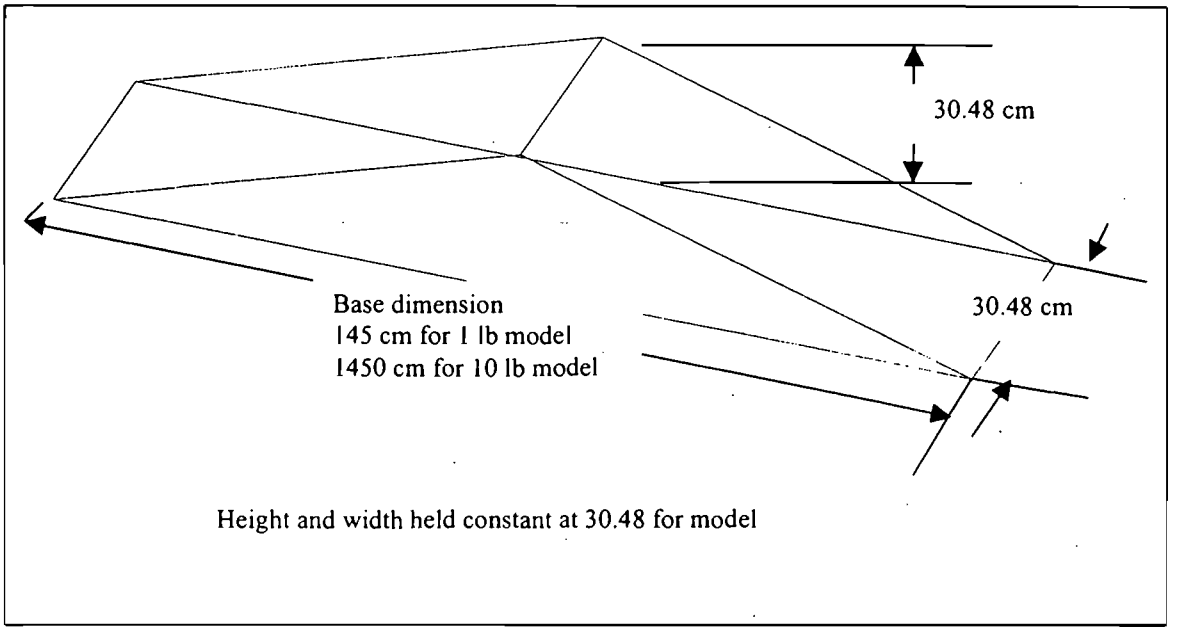


Figure 24. Pyramid Model Used in Concentration Estimates

Applying this method to each individual AS well found in Table 8 and incorporating it into spreadsheets, 10 individual gas pulses were developed. Each gas pulse was comprised of a constant number of discrete "cubes" of pure Halon 1211 that were modeled traveling through the system independently.

Cubes were modeled through the system at a constant velocity. Differences in each individual cube's arrival time at the SVE exhaust were the result of the position each cube occupied in the modeled pyramid. This method resulted in the model of a pyramid of constant volume moving through the system.

An overall system analysis was performed by combining all 10 individual gas pulses. Individual cubes were simply added together on another spreadsheet to estimate or project expected Halon 1211 volume through the SVE intake manifold at any given time during the test period. The results of this summation spreadsheet are shown in Figure 25.

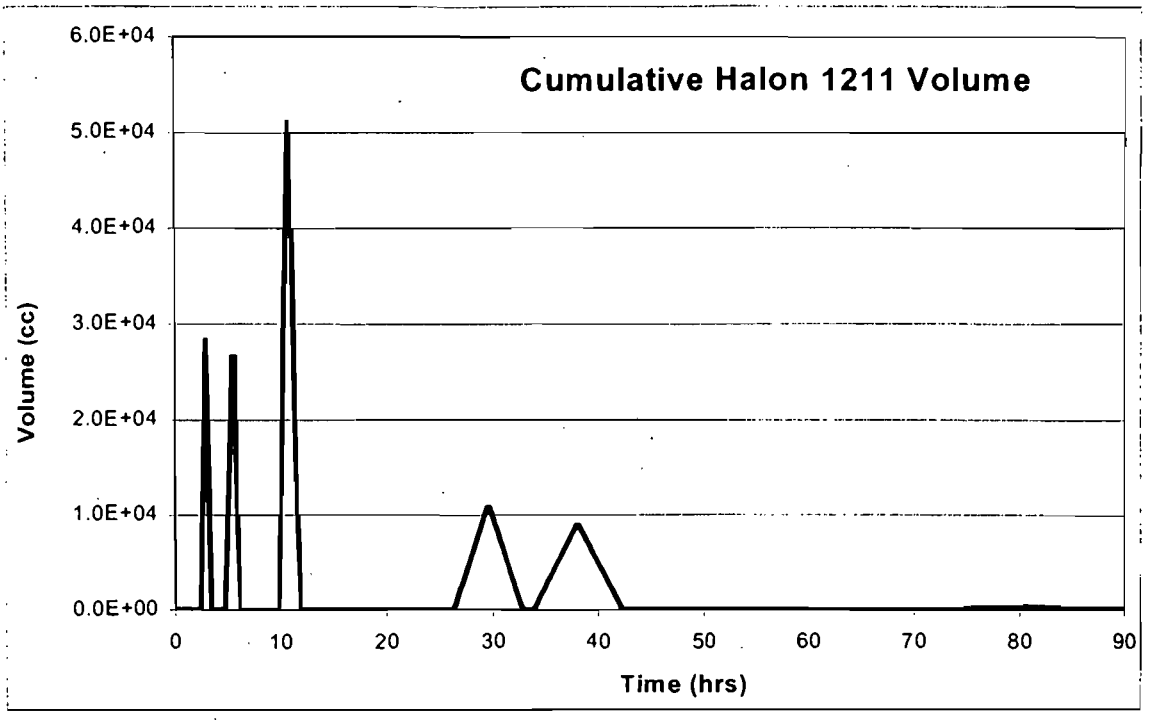


Figure 25. Estimated Cumulative Halon 1211 in the SVE Exhaust

Examination of the graph in Figure 25 provides an overall image of expected volume through the SVE exhaust. It must be noted, however, that Halon flow-through volume was not expected to realistically drop off to zero in between the travel of individual pulses.

Finally, the expected volumes of Halon 1211 were then divided by the standard flow through the SVE system. This produced a percent Halon 1211 by total volume, or a volume fraction of Halon 1211. By multiplying the volume fraction by 1E6 the volume value was then transformed into a ppm value. This last calculation assumes that the SVE exhaust behaves as an ideal gas and that the SVE exhaust has a uniform density. The results of these calculations are plotted in Figure 26.

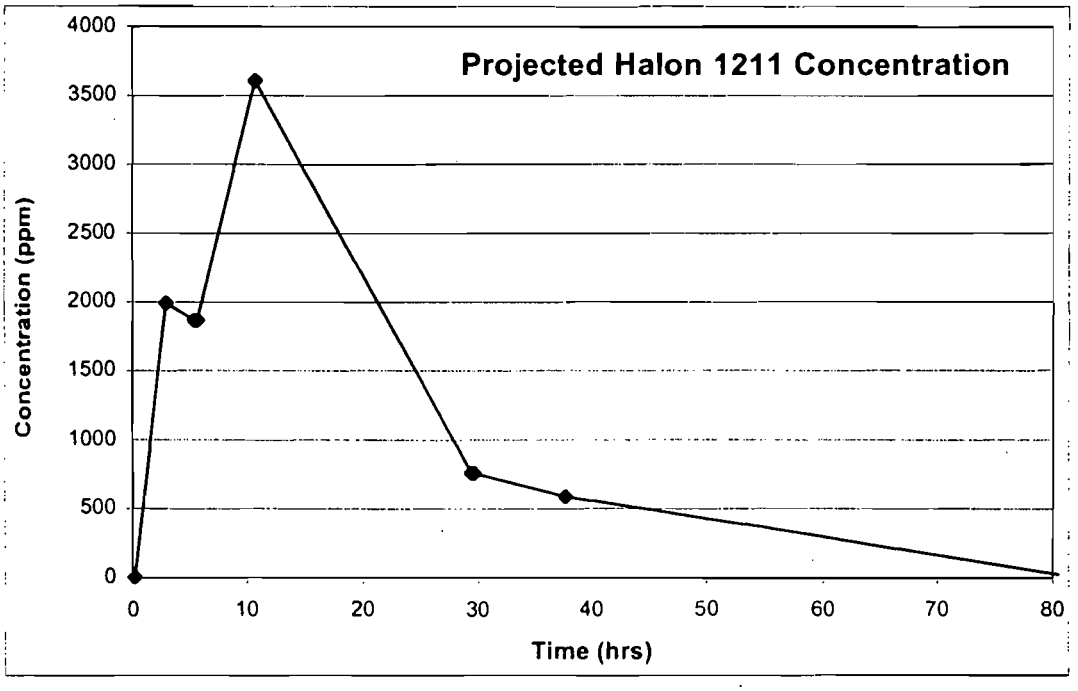


Figure 26. Projected SVE Intake Halon 1211 Flow-through Concentration

As can be seen in the figure, Halon 1211 concentrations were predicted to be roughly 3500 ppm in the SVE exhaust. The same plot also shows the majority of the Halon to pass through the system in about 30 hours. Integrating the curve in Figure 26 calculated a mass of Halon 1211 of 1940 lbs, or 2.2 orders of magnitude more than the 10 lbs injected. Dividing the expected concentrations by 100 produced a high concentration estimate of 35 ppm, so concentrations were expected in the 10-100 ppm range. These estimations were then used to develop a sampling frequency plan and point out that the Sentex GC system should be calibrated and run in loop-mode for testing. Loop-mode would be needed at least until the majority of the tracer had flowed through the system.

3.2.4 Perimeter Wells

Three perimeter wells were identified as sampling locations to detect offsite migration of AS-generated vapors. A very simple estimate of potential travel time to these wells was developed in an attempt to set a required base sampling time. Since these wells are monitoring wells, and have no associated vacuum induced flow rate, it was initially assumed the gas transport mechanism to these wells would be diffusion.

Three different scenarios were developed pertaining to diffusion rate: 1) gas travel velocity equaled the maximum molecular diffusion rate found in literature 2) diffusion was entirely in the direction of travel with a diffusion rate of 0.05 cm^2/sec, and 3) diffusion would be in all directions. The following table represents the results of the calculations from each of the above options.[18]

Table 9. Estimated Halon 1211 Arrival Times at Migration Test Wells

Projected Arrival Time (hours)			
Perimeter Well	Option 1	Option 2	Option 3
376	29.41	167.30	334.61
377	26.80	152.47	304.94
388	30.27	172.22	344.45

The table displays a wide variation in results making it difficult to choose any one scenario as the potential model. As a result these calculations were not used in the development of the perimeter well sampling frequency plan.

Examination of the Peclet number, a ratio of advective transport to dispersive transport in regions where extraction wells are employed, might have provided a better understanding of potential offsite vapor migration. The Peclet number is represented as:

$$Peclet\# = \frac{V_x L}{D_L}$$

Where,

V_x = estimated velocity L = distance between wells

and, D_L = dispersive transport = $X_L V_x$, X_L = 0.1 L, according to research.[19]

Rewriting the equation it becomes:

$$Peclet\# = \frac{V_x L}{V_x 0.1L} = \frac{L}{0.1L}.$$

Which states that advective transport is an order of magnitude greater than dispersive transport. As reported by Fetter, regardless of observed velocities, longitudal or perpendicular dispersion can be predicted to be roughly $1/10^{th}$ the magnitude of advectively dominated movement.

Data from two field studies reproduced in Fetter's book support the prediction that longitudal dispersion equals $1/10^{th}$ magnitude of advective flow between two measured points for injection-withdrawal tracer tests. Data plotted for clay, sand and gravel between measuring points 1-100 meters apart fit the linear dispersion model where dispersion equals 0.1L. Extraction and monitoring wells at OU-1 range between 5-75 meters from the AS well bank, and site geology is primarily a sand/gravel mix. Movement of tracer gas during the OU-1 tracer tests could therefore be assumed to fit the 0.1L model and would be dominated by advection.[19]

Assuming that:

$$D_L = \alpha_L V_x + D_d \quad \text{where } D_d \textit{ (diffusivity)} << \alpha_L V_x$$

Then an advective transport model for offsite migration of vapor should have been adopted. Without flow measurement or an advectively based model, offsite transport potential was tested by sampling perimeter wells on a daily basis.

3.3 Sampling Equipment

Tracer detection and concentration testing during the Mound OU-1 Halon 1211 tracer tests was performed using a portable gas chromatograph. The gas chromatograph is a Sentex Systems, Inc. Scentograph "PLUS II" model equipped with an Argon Ionization/Electron Capture Detector (AID/ECD). The Mound OU-1 version of the Scentograph "PLUS II" is equipped with a multi-port automated sampling manifold and is properly known as the Scentograph "PLUS II" Scanner.

The Scentograph "PLUS II" is an automated portable gas chromatograph system, controlled by a PC, which automatically performs the following functions:

- Calibration
- Analysis
- Sample collection & injection
- Chromatographic separation & compound detection
- Peak identification & area integration
- Data display & storage
- Continuous, unattended operation
- Re-calibration at pre-set frequency
- Optional remote operations.

The Scentograph "PLUS II" has two operating modes, calibration mode and sample analysis mode. In calibration mode, the equipment is prepared to detect suspected analytes, then samples and analyzes relative to a prepared standard of known concentrations. Peak areas generated by calibration sampling are then assigned the pre-designated calibration concentration level input for each individual compound.

Sample analysis mode can withdraw sample through one of sixteen available sample ports. The equipment identifies peaks generated by a compounds retention time. Compound identity is assigned from calibration data or a stored library; unmatched compounds are reported as unknown. The system displays the chromatogram and retention time on the accompanying PC screen while all generated data are automatically stored to electronic files.[20,21]

The Scentograph "PLUS II" System utilized at Mound OU-1 is equipped with an Argon Ionization Detector/Electron Capture Detector (AID/ECD). The chromatograph is equipped with a 0.53 mm diameter 105 foot column which is heated by an oven that can be adjusted up to 179°C.

Sample gas can be introduced into the Scentograph "PLUS II" GC column using a preconcentrator, sample loop, or heated injection port. The OU-1 Scentograph "PLUS II" utilizes the preconcentrator option for purge and trap GC methods (trap-mode) for concentrations 10 ppm or lower, and the sample loop, or loop-mode, for higher concentrations.[21]

Sampling time for the preconcentrator can be adjusted to facilitate higher or lower concentrations; longer sample time is required to bring lower concentration levels into a quantitatively detectable range, shorter sample time is used for high concentrations. Ultra-high purity grade argon is used as the purging gas. Purge and trap procedures utilize a Carbonex adsorbent that "traps" VOCs, which are then thermally de-sorbed and delivered to the analytical column for separation and identification.[21]

Purge and trap detection is utilized to analyze compounds suspected to be in concentration ranges from 0.1 ppb to 5,000 ppb (5 ppm). This equipment has displayed the ability to accurately detect compound concentrations of up to10,000 ppb (10 ppm) in trap-mode.[21]

The Scentograph "PLUS II" is also equipped with a fixed volume sample loop (loop-mode) for sampling in concentration range above 5 ppm. Loop-mode detection methods provide the capability to analyze in concentration ranges as high as 5,000 ppm. Loop-mode detection is used for concentration ranges from 1 ppm to 5,000 ppm.

Both purge & trap, and loop-mode detection methods have been repeatedly tested against Matheson calibrated gas mixes by OU-1 personnel. The Sentex Scentograph "PLUS II" at Mound OU-1 has been shown to display ± 10% accuracy and ± 20% precision.[21]

Accuracy and precision results are based on analysis of a Matheson standard gas mix consisting of 1 ppm concentrations of the following gases: methylene chloride (DCM), cis 1,2 and trans 1,2 dichlorethene (DCE), benzene, trichloroethene (TCE), toluene, tetrachloroethene (PCE), ethylbenzene and xylene. Calibration gas mixes are tested for

accuracy by independent laboratories. A SUMMA canister sample is taken from each new Matheson calibration gas mix, which is then analyzed by Quanterra, Inc. of Santa Ana California. Standards have been shown to be within 10% of stated concentrations. Results from the Quanterra testing of two SUMMA canister Matheson calibration gas samples taken just prior to the May tracer testing are shown in Table 10.[22]

Table 10. Results of Quanterra SUMMA Calibration Gas Samples.

Sample	Compound Detected	Concentration (ppb)	Reporting Limit (ppb)
045396-001 5/19/99 10 ppm Matheson standard w/ Halon	Methylene Chloride	7400	170
	trans 1,2 Dichlorethene	190	170
	cis 1,2 Dichlorethene	7600	170
	2-Butanone (MEK)	180 J[1]	840
	Benzene	9100	170
	Trichloroethene	7500	170
	Toluene	8100	170
	Tetrachloroethene	7800	170
	Ethylbenzene	7700	170
	Xylene.	7700	170
045397-001 5/26/99 1 ppm Matheson standard w/ Halon	Methylene Chloride	710	11
	trans 1,2 Dichlorethene	3.4 J[1]	11
	cis 1,2 Dichlorethene	720	11
	Benzene	840	11
	Trichloroethene	710	11
	Toluene	800	11
	Tetrachloroethene	800	11
	Ethylbenzene	830	11
	Xylene.	860	11

1. Denotes an estimated result, the result is below the reporting limit (RL)

Interestingly, the calibration sample gas for these tests also included Halon 1211 yet Quanterra did not perform an analysis for Halon 1211. Due to this omission no information or data comparison on the Scentograph "PLUS II's" ability to detect Halon 1211 can be made.

Loop-mode results between 1 and 5 ppm have been suspect, with varying results reported in these ranges. Mound OU-1 personnel believe that the Sentex equipment performs poorly in loop-mode and accuracy is limited in the 1 – 5 ppm concentration ranges. Data produced from sampling within the 1-5 ppm range is usually questionable, probably because these concentrations are not significantly greater than the loop-mode 1 ppm low end detection limit. Loop-mode detection is considered accurate at concentrations above 5 ppm.

3.3.1 Calibration Procedures

Prior to tracer testing, the Sentex Scentograph "PLUS II" was recalibrated to incorporate Halon 1211 into the GC analysis procedures. Since the internal calibration port has some analytical bias associated with it, the ambient pressure Tedlar bag sampling port, Port 5, was used to calibrate the equipment.

To prepare calibration standards, 10-liter Tedlar bags were filled with the Matheson 1 ppm standard mix. Syringes were then filled from a Tedlar bag of pure Halon 1211 and injected into the 10-L Tedlar Matheson mixes. By varying the volume of Halon 1211 injected, calibration mixes of 1, 10, 100 & 500 ppm Halon 1211 with either the 1 ppm or 10 ppm Matheson gas mix were prepared. Table 11 addresses varying volumes of Halon 1211 in a 10-liter volume and the associated concentrations.[23]

Table 11. Volume Mix for Varying Halon 1211 Calibration Gas Concentrations.

Halon 1211 Volume	Total Volume (liter)	Halon 1211 Concentration (ppm)
10μl = 0.01 ml	10	1
50μl = 0.05 ml	10	5
100μl = 0.1 ml	10	10
1000μl = 1.0 ml	10	100
5000μl = 5.0 ml	10	500

The minor errors associated with total bag volume and the small additional volume of Halon 1211 injected would not significantly impact gas concentrations, therefore, these factors were considered negligible.

Matheson gas/Halon 1211 calibration mixes were to check equipment accuracy. Initial calibrations through Port V were run to determine if the Scentograph "PLUS II" was detecting Halon 1211. Several analysis attempts were made with the 100 ppm Halon 1211/ 1 ppm Matheson mix and the 10 ppm Halon 1211/1 ppm Matheson mix. The Scentograph GC could not separate or identify a Halon 1211 peak. Several additional sample runs were performed using the 10 ppm Matheson standard at various Halon 1211 concentrations. Results were the same with no detection of Halon 1211. Examination of the generated chromatographs showed what appeared to be interference with another compound or an unresolved peak.

It was then presumed that Halon 1211 was co-eluting with methylene chloride, requiring adjustments to analysis parameters. Halon 1211 passes through the column first so it is a fairly simple procedure to adjust the column and separate Halon 1211 from the other constituents.

Both column temperature and carrier gas rate were adjusted to separate the Halon 1211 & DCM peaks. Oven temperature, which was initially set at 70°C, was repeatedly adjusted down until finally set to read 40°C. The actual temperature of the oven was 50°C.

Dropping the oven temperature has the effect of separating compounds and increasing the space between GC peaks. This also broadens the peak base area creating potential overlap between peaks. Increasing gas flow rate can diminish width of a generated peak and reduce elution time. The carrier gas flow was therefore increased, by increasing gas pressure, which had the effect of creating more defined chromatograph spikes. Final gas pressure was set at 15 psig.

Typical retention time for Halon 1211 was displayed at 29 – 34 seconds. Prior to tracer testing the detection window was expanded to approximately 10 seconds, a 29 – 39 second retention time window, to prevent loss of data by miss-identification.

Prior to testing ambient air/Halon 1211 calibration mixes were prepared and run through the Sentex system to generate data for a Halon 1211 calibration curve. Three loop-mode Halon 1211 calibrations were run at 4 different Halon 1211 concentrations: 1,000 ppm, 500 ppm, 10 ppm and 10 ppm. Argon purges were run between each calibration. This procedure went smoothly with all results appearing in expected concentration ranges. Regrettably, data from this testing was lost in a corrupt file.

On the morning of May 19th 100 ppm Halon 1211/10 ppm Matheson gas mixes were again run through the GC, with mixed results. SVE exhaust air was then injected with 10 ppm Halon 1211 as a test run and the GC system identified the tracer. Twenty-one calibration runs were performed prior to initiating tracer injection.

Two chromatographs from 100 ppm Halon / 10 ppm Matheson calibration mixes are shown in Figure 27 to display typical loop-mode GC outputs. Halon 1211 is the first peak in both curves.

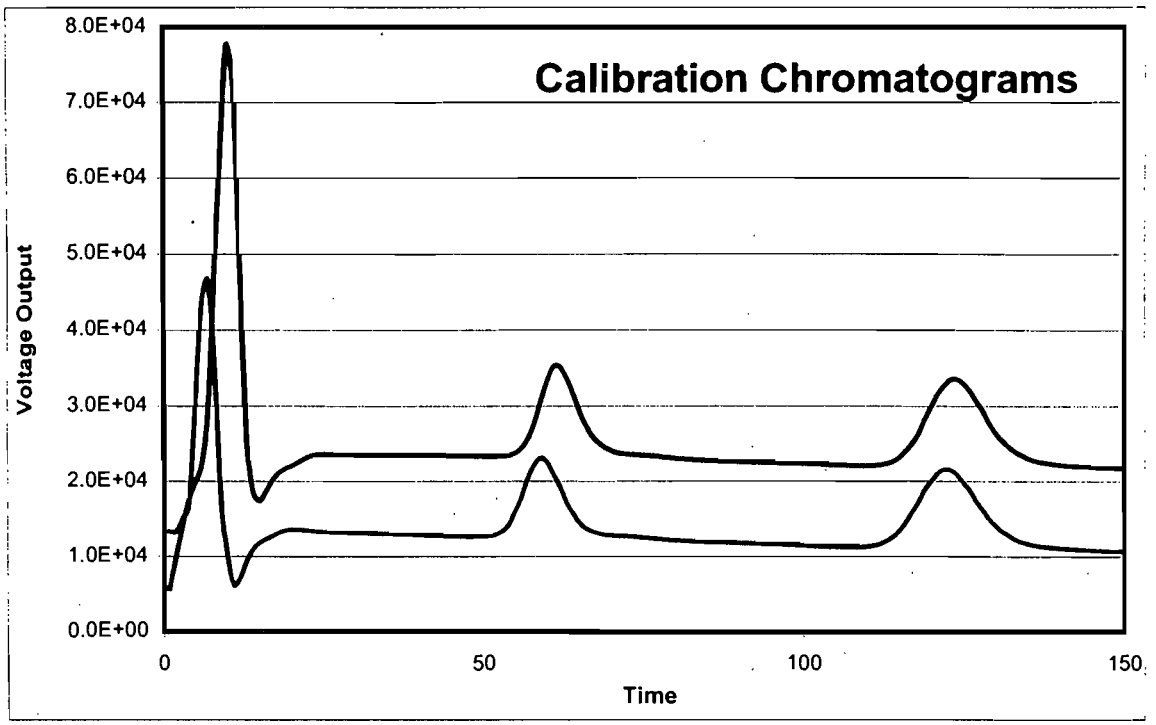


Figure 27. Voltage Outputs from Two Pre-test Calibration Runs.

3.4 Actual Test

3.4.1 Final System Balance

Just prior to the injection of the Halon 1211 tracer, and the initiation of actual testing, the AS system was balanced by the Mound OU-1 site engineer. This procedure was performed to balance distribution of tracer mass. Site personnel also checked every air-sparge well head to determine actual flow rates. Methods used compared gauged psi differential pressure readings with readings from magnehelic gauges. A hand-held Kurtzmeter was also used to measure pipe flow velocity as a secondary check. The results from these determinations are found in Table 12.[12]

Table 12. Readings and Resulting Flow Values from Final AS Flow Balance.

Well ID No.	Pressure (psi)	Magnehelic Reading	Temperature Correction	Kurtzmeter Reading	Flow Velocity (fpm)	Q (cfm)
AS-N10	7.7	1.90	140	5800	5868	32
AS-N11	5.5	0.94	140	4200	4127	23
AS-N12	2.6	1.83	120	5400	5654	31
AS-N13	12.5	0.19	120	1850	1800	10
AS-N14	0.0	N/A	N/A	N/A	0	0
AS-N15	0.0	N/A	N/A	N/A	0	0
AS-N16	0.0	N/A	N/A	N/A	0	0
AS-N17	10.8	1.20	140	4800	4663	25
AS-N18	8.4	1.20	140	4400	4663	25
AS-N19	10.0	1.20	140	4700	4663	25
AS-N20	10.4	1.75	140	6000	5631	31
AS-N21	7.5	2.00	120	6000	5919	32
AS-N22	11.5	1.60	120	5400	5294	29
AS-N23	12.0	0.06	120	1000	1025	6
			SUM	49550	49307	269
Building	14.6	2.2			6907	339
					Delta Q	70

3.4.2 Tracer Injection

Ten pounds of Halon 1211 was provided in a gas cylinder by Tracer Research, Inc. Tucson, AZ. The AS system is equipped with a hard plumbed injection port on the manifold just after the reverse flow check valve. To inject the gas into the system the gas cylinder was connected to the manifold with the appropriate fittings and a short (2 foot) length of high-pressure tygon tubing.

Tracer Test I injection was started at 8:38 EST (8:34 Sentex GC time) when the full 10-lb. canister was passed into the Zone II AS manifold by simply opening the cylinder valve. This injection lasted for 7minutes 45 seconds at which time the cylinder was considered empty. A vane-type vacuum pump was then attached to the gas cylinder and used to transfer any remaining Halon 1211 into the AS manifold. Vacuum assisted injection lasted for approximately 4 minutes. This stage of Halon 1211 injection totaled approximately 11 minutes 45 seconds.[3]

At the end of the initial vacuum assisted gas injection, the exhaust bowl on the vane pump was cracked. The Halon cylinder was immediately closed and removed from the system. A replacement bowl was found and the vane pump and Halon 1211 cylinder were re-attached to the system at 20 minutes from the initial injection start. A second vacuum assisted injection was then initiated and carried out for an additional 4:30 minute. There is a remote possibility that some Halon 1211 escaped due to the cracked exhaust bowl. This is very unlikely since the canister was virtually empty, the bowl was on the exhaust side, and the bowl was only cracked and didn't appear to be leaking.[3]

3.4.2.1 Phase of Tracer Gas

It must be noted that the Halon 1211 was injected primarily in liquid form. Using a clear tubing allowed personnel to monitor injection conditions and a large portion of the Halon 1211 was observed flowing into the AS manifold in liquid form. Gauge temperature of the AS manifold was noted to be 240°F at the time of injection and was consistent with standard steady state for the system. Some concern was noted at the time but it was believed that due to the volatility of the chemical it would all be in vapor form long before entering the subsurface. The following calculations were carried out to support that assumption.[2,3]

AS header pipe: 4-inch diameter carbon steel
Length to AS bank intersection 140 feet
Additional length: 10 feet to AS-N10, 30 feet to AS-N17
Minimum length of travel to AS well: 150 feet
Volume represented by pipe: $\{(4/12)^2(3.1416)/4\}(150\ ft) = 13.1\ ft^3$
Flowrate of AS system: 269 ft^3/min (4.5 ft^3/sec) on 5/18/99
Time required to empty liquid Halon 1211: 7.45 minutes
Halon flowrate: 1.3 lb/min (0.0216 lb/sec)
Halon 1211 gas specific volume at 25°C: 2.83 ft^3/lb.
Vapor Pressure Halon 1211 @ 25°C: 20,070 mmHg (26.4 atm)

Given the high vapor pressure of Halon 1211, the temperature in the AS piping header, and the slow mass injection rate in comparison to the AS air flow rate, it would be impossible for liquid Halon 1211 to reach any of the injection wells. Since 10 lbs of Halon 1211 would represent 28.3 standard ft^3, the entire cylinder would have needed to be emptied in less than 6 ¼ seconds for liquid Halon to have reached an injection well head.

3.4.3 Automated Sampling

The preliminary testing plan called for the on-site Sentex GC sampling/analysis system to be set at the practical minimum automatic sampling time (every 15 minutes). This cycle includes a 3-minute evacuation/purge cycle. Automatic sampling was initiated immediately at the beginning of the Halon 1211 injection. The second automatic sample taken and analyzed displayed a Halon 1211 concentration of 40 ppm, while the third sample also displayed a detection of tracer gas.[21,24]

Beginning with the 4th automatic sample at $t = t_0 + 45$ minutes, and continuing throughout Tracer Test I, the Halon 1211 peak on the GC screen appeared too broad-based and included a secondary peak. All data from automatic sampling of Tracer Test I was therefore initially considered suspect.

3.4.4 Post Test

3.4.4.1 Conditions

The first few automatic GC samples had detected the arrival of Halon 1211 in ppm concentrations; the ensuing data were then considered to be of poor quality. Two sets of perimeter well samples had been taken and analyzed and no Halon 1211 was detected. The Sentex GC system remained in automatic sampling loop-mode taking samples every 15 minutes and running a calibration sample every 2 hours. The AS system was running at approximately 270 cfm, while the SVE system was running at about 650 cfm.[12]

3.4.4.2 Speculation and Options

Early detection of Halon 1211 in the automatic sampling system was quite promising, however, the ensuing suspect data led the test team to believe the majority of the tracer gas was still somewhere in the sub-surface. The early detection was initially considered the result of short-circuiting or some type of fracture flow. At the end of the first day of testing it was expected that a large pulse or quantity of tracer gas would still make its way through the system. The system was left in automatic loop-mode set to run overnight and test personnel left the site.[3]

Overnight there were difficulties with the AS/SVE system, which led to an automatic system shut down at 1910 EST. The Mound OU-1 site engineer restarted the SVE system at 2040, while the AS system was gradually brought back online at 2055.[3,24]

Second day automatic sampling results again showed poor quality data causing team members to speculate that there was a problem with the testing. There was the possibility that something had "gone wrong" since the Halon 1211 was not appearing in expected concentrations in the SVE exhaust. Test team members therefore began to speculate on where the tracer gas could have migrated, or what could have compromised testing.

System shut down was brought up as a potential problem, however, with both AS and SVE systems offline there would be no driving force to promote gas transfer. System shut down was therefore ruled out as a problem.

The possibility that, in the absence of a driving force, some form of high rate dispersion/convection might have caused offsite migration was discussed. Three samples from the closest perimeter well, well 422, were run through the GC and no tracer gas was found. Offsite migration of the tracer was therefore considered insignificant.

Additionally the theory that a large volume of the tracer gas was somehow trapped below the water table in pressurized soil pores was addressed.

This was also considered unlikely due to the vapor pressure of the gas and the high flow rates of the AS/SVE system.

Another possibility was that the Halon 1211 tracer was more water-soluble then previously expected. Some combination of the high heat and gas injection below the water table might have caused the majority of the tracer to remain in the ground water; again this theory was considered unlikely.

The final theory was that the 100 gpm groundwater pump and treat (GWP&T) air-stripping system located onsite had removed a large mass on the tracer gas. With two wells from the GWP&T system located approximately 100 feet from the first air sparging well, AS-N17, there was a possibility that a pump induced ground water gradient was removing tracer gas in "bubble form". Since the P&T system would provide a physical driving force, this potential explanation of tracer gas loss was considered the most sound.

4.0 TRACER TEST II

4.1 Test Plan

With several questions related to Tracer Test I to be answered, and given the availability of a small canister of Halon 1211, the testing team developed a small-scale tracer test. This test was primarily designed to answer two questions: 1) did the GWP&T system remove Halon 1211 from the test system during the initial test, and 2) did the Halon 1211 move through the system so quickly that automatic sampling actually missed it?

The test itself employed a simple, direct injection of tracer gas into the AS-N18 well head. A rough estimate of Tracer Test II Halon mass injected stands at 5.5 ounces from weighing the canister before and after injection. The small canister of Halon 1211 was directly plumbed with tygon tubing to the well head through a gauge port. This well was chosen because it is centrally located between the two highest flowrate SVE wells, and had been one of the initial options for a single well injection

Because of the limited mass of tracer available, a single well injection was chosen to prevent the Halon 1211 concentration from being lost. A multi-well or header injection was ruled out, as any potentially unforeseen problem associated with Tracer Test I would have also compromised the second test.

It was decided to take gas samples of the GWP&T system exhaust to determine if Halon 1211 had been lost through the system. There was no attempt to quantify the amount of tracer lost, but detection in the exhaust line would indicate the GWP&T system was removing tracer from the system.

After purging several previously used Tedlar bags with two complete volumes of argon, 27 sample bags were available for the second test. The sampling plan called for the manual collection of (23) Tedlar bag samples on the Zone II SVE exhaust at 1 minute intervals beginning at t = 0, and collection of (4) Tedlar bag samples on the ground water P&T system exhaust at 5 minute intervals. The Zone II SVE exhaust samples would be

taken from a line directly plumbed to the Sentex GC system that was detached from the GC unit to facilitate sampling.

Ground water P&T exhaust samples would be taken by utilizing a vane style vacuum pump to draw vapor directly from the exhaust stack through a ¼" ID tygon tube. No sampling port was available so samples would be taken directly from the middle of the exhaust stack. Two 10-l Tedlar bag samples were taken off the P&T exhaust prior to Tracer test II at 1050 and 1052 am EST. These samples were taken to provide a baseline value for the second tracer test.

Tracer Test II began at 1300 EST (1256 GC time), 28hours and 22 minutes after the initiation of Tracer Test I. Sampling the Zone II SVE exhaust port began immediately at t = 0, and continued at every 1 minute after that. Sampling of the pump & treat exhaust began at t = 5.0 min, and continued every 5 minutes. The bulk Halon 1211 injection occurred in 60 seconds with the remainder bled in using a vacuum assist similar to the first test over the next 60 seconds.. One small problem occurred during the P&T exhaust sampling, the third sample bag taken at t = 15 minutes was overfilled and the bag burst, so this sample was lost. After the final sample bag was taken the Sentex GC was placed in manual loop-mode analysis and Zone II SVE exhaust samples from Tracer Test II were analyzed.[15]

4.2 Initial results

Results from analyzing Tracer Test II SVE exhaust samples were similar to those considered suspect from Test I. Halon 1211 peaks were too broad based and contained a second interference peak. Halon 1211 was detected in all of the P&T samples, including the two taken prior to the second tracer test.. Halon 1211 was also detected in the entire set of Tracer Test II samples analyzed (1-15), yet all samples produced poor quality data. The Sentex GC system was returned to automatic 30-minute loop-mode. All bag samples were refrigerated overnight to prevent any of the samples from being compromised. These activities wrapped up the second day of testing.[3]

5.0 TESTING WRAP-UP

5.1 Perception

The initial test team perception was that both tracer tests were failures. No acceptable data had been produced and none of the questions associated with the testing had been answered. It was assumed that all test procedures had been carried out scientifically and accurately and something unknown had caused the test failures.

Perimeter well sampling was continued per the sampling plan in the event that some Halon 1211 would be detected, signifying loss of tracer gas from the test system. The Sentex GC system was also periodically monitored, but all samples checked resulted in poor quality data.

As a final attempt to quantify data, the decision was made to switch the GC system to trap-mode, or ppb detection mode. The possibility existed that concentrations of the tracer gas were so low that the analyzing equipment could not detect Halon 1211 in loop-mode. Tedlar bag samples from Tracer Test II were tested and the system again detected Halon 1211. The monitoring PC screen, however, began to show tight, sharp peaks missing the previously noted interference. The peaks being displayed by the monitor looked exactly like those displayed during pre-testing calibration runs. This data was considered of high quality, pending post testing analysis and validation, and all remaining bag samples were re-tested.

The second analysis of bag samples in trap-mode produced quality data that is discussed in the next section. Several bag samples were lost due to leaking valves or simple bag failure; some were overlooked or lost during the sampling process. Six Tedlar bags were purged and re-used to carry out scheduled migration sampling. As a result, of the 27 samples taken for Tracer Test II, only 14 were analyzed for Halon 1211. It must be noted here that 4 of the first 10 samples (including 1 & 10), and the last 9 samples were analyzed, providing a good overall perspective of the sample set taken.

The two GWP&T samples taken prior to Tracer Test II were also tested in trap-mode, as were all of the migration well samples taken at that time.

Mound OU-1 tracer testing was then essentially complete. The Sentex GC was again returned to automatic 15-minute sampling, but this time in trap-mode, which appeared to be functioning better and producing data reliably. Migration well sampling was also continued by onsite personnel when deemed appropriate. A wrap up time line of all tracer test activities can be found in the following table.[3,12]

Table 13. A Timeline of all Activities Associated with May Tracer Testing

Date	GC Time	Test Running Time	Event
5/19/99	8:34	0:00	Tracer Test I Initiated (10-lb Halon 1211)
	10:04	1:34:00	Sample 422-1 drawn
	11:00	2:30:00	Sample 376-1 drawn
	11:17	2:47:00	Sample 377-1 drawn
	16:52	8:22:00	Sample 376-2 drawn
	17:07	8:37:00	Sample 377-2 drawn
	17:28	8:58:00	Sample 422-2 drawn
	19:02	10:32:00	AS/SVE system auto shutdown
	20:32	12:02:00	SVE system restarted
	20:47	12:17:00	AS system brought online
5/20/99	0:00	15:26:00	
	9:10	24:40:00	Sample 422-3 drawn
	9:39	25:09:00	Sample 376-3 drawn
	9:53	25:23:00	Sample 377-3 drawn
	10:22	25:52:00	AS system shutdown, Zone I SVE is started, Zone II SVE off
	10:42	26:12:00	P&T Air Stripper exhaust sampled
	10:44	26:14:00	Sample P&T-2 is drawn
	12:56	28:26:00	Tracer Test II initiated (5.5 oz Halon 1211)
	12:57	28:27:00	Bulk of 5.5 oz injection complete, sample Halon-2 drawn
	12:58	28:28:00	Entire 5.5 oz injection complete, sample Halon-3 drawn
	12:59	28:29:00	Sample Halon-4 drawn
	13:00	28:30:00	Sample Halon-5 drawn
	13:01	28:31:00	Pump & Treat sample taken, samples P&T(A) and Halon-6 drawn
	13:02	28:32:00	Sample Halon-7 drawn
	13:03	28:33:00	Sample Halon-8 drawn
	13:04	28:34:00	Sample Halon-9 drawn
	13:05	28:35:00	Sample Halon-10 drawn
	13:06	28:36:00	Samples Halon-11 and P&T (B) drawn
	13:07	28:37:00	Sample Halon-12 drawn
	13:08	28:38:00	Sample Halon-13 drawn
	13:09	28:39:00	Sample Halon-14 drawn

Table 13 (Cont'd). A Timeline of all Activities Associated with May Tracer Testing.

Date	GC Time	Test Running Time	Event
	13:10	28:40:00	Sample Halon-15 drawn
	13:11	28:41:00	Samples Halon-16 and P&T(C) drawn, P&T(C) lost
	13:12	28:42:00	Sample Halon-17 drawn
	13:13	28:43:00	Sample Halon-18 drawn
	13:14	28:44:00	Sample Halon-19 drawn
	13:15	28:45:00	Sample Halon-20 drawn
	13:16	28:46:00	Sample Halon-21 drawn, sample P&T (D) missed
	13:17	28:47:00	Sample Halon-22 drawn
	13:18	28:48:00	Sample Halon-23 drawn
	13:19	28:49:00	End of SVE Zone II test II sampling
	13:20	28:50:00	
	13:21	28:51:00	Final P&T sample taken, P&T (D) drawn
	13:22	28:52:00	
5/21/99	0:00	39:26:00	
	11:39	51:09:00	Sample 376-4 drawn
	11:52	51:22:00	Sample 377-4 drawn
	12:17	51:47:00	Sample 422-4 drawn
	17:30	57:00:00	Sample 376-5 drawn
	17:48	57:18:00	Sample 377-5 drawn
	18:32	58:02:00	Sample 422-5 drawn
5/24/99		63:26:00	
		71:53:00	Sample 422-6 drawn
		72:26:00	Sample 376-6 drawn
		72:41:00	Sample 377-6 Drawn
5/27/00		87:26:00	
		96:41:00	Sample 422-7 drawn
		97:08:00	Sample 376-7 drawn
		97:22:00	Sample 377-7 Drawn
6/1/99		111:26:00	
		119:26:00	Sample 422-8 drawn
		119:51:00	Sample 376-8 drawn
		120:01:00	Sample 377-8 Drawn
6/3/99		135:26:00	
		142:56:00	Sample 422-9 drawn
		143:26:00	Sample 376-9 drawn
		143:41:00	Sample 377-9 Drawn
6/7/99		159:26:00	
		168:34:00	Sample 422-10 drawn
		168:56:00	Sample 376-10 drawn
		169:14:00	Sample 377-10 Drawn

6.0 DATA QUALITY

6.1 Tracer Test I

The Sentex Scentograph II GC system at Mound-OU1 has five operating sample ports and an internal calibration port. Three of these ports were used during the May tracer tests, with the majority of testing performed using Port IV, the SVE exhaust test port, and Port V, the open air port located inside the small GC shack.

The internal calibration port, Port II, was also used during preliminary test stages, but only for initial calibrations and did generate test data. The calibration port has been demonstrated to cause a minor offset of data values in the past if it was used as the only equipment calibration source. Given that calibration gases were mixed in Tedlar bags, Port V, the ambient pressure and temperature port, was utilized for all final calibrations. This prevented the need for any form of correction.

Data generated by automatic loop-mode sampling in Tracer Test I utilized Port IV which has consistently displayed concentrations higher than known values. Testing of identical samples through Port II and Port IV has repeatedly found an offset or bias in Port IV. This bias has been observed to be constant and according to the OU-1 site engineer has some systemic basis. While this phenomena has been observed no attempt has been made to determine the source of error; instead a bias correction has been developed for each site CoC.

A calibration concentration value, the result of averaged Quanterra laboratory test results from SUMMA canister testing of calibration gas mixes, was created for each CoC. To observe the error associated with Port IV, the OU-1 site engineer performed twenty-one Port IV analyses of the calibration gas mix over a thirty-day period prior to tracer testing. The data were statistically analyzed with a mean, standard deviation, and % standard deviation determined for each site CoC.

Analysis data were then utilized to calculate a ppb bias and % bias for each constituent using the following simple calculations.[12]

$$\text{Bias} = \left(\frac{Cal(ppb)}{\bar{X}} \right)$$

$$\%\text{Bias} = \frac{\left(Cal(ppb) / \bar{X} \right)}{Cal(ppb)} (100)$$

where:

Cal (ppb) = the Quanterra calibration value for each site CoC, and

$\bar{X}$ = the average value of the 21 tested samples.

Since there was no Halon 1211 in the calibration gas mix prior to the tracer test there was no Quanterra-based concentration data, no bias testing performed, and no bias correction developed for the tracer. A simple solution to this problem would be to assume a bias for Halon 1211 identical to the compound with the closest retention time, and therefore exhibiting the closest column or GC related behavior. Halon 1211 had a retention time of 40 seconds under the bias-test column conditions. Di-chloromethane (DCM), passing through the column at 72 seconds, displayed the shortest, and therefore closest, retention time of the calibration gases. The bias associated with DCM is between 10 – 12 %.[12,24]

The relationship between retention time and bias was examined to develop a bias correction for Halon 1211. After plotting results it appeared that concentration bias was linearly associated with compound retention time. Two plots comparing the shorter and longer retention time compounds are shown following in Figure 28.[12]

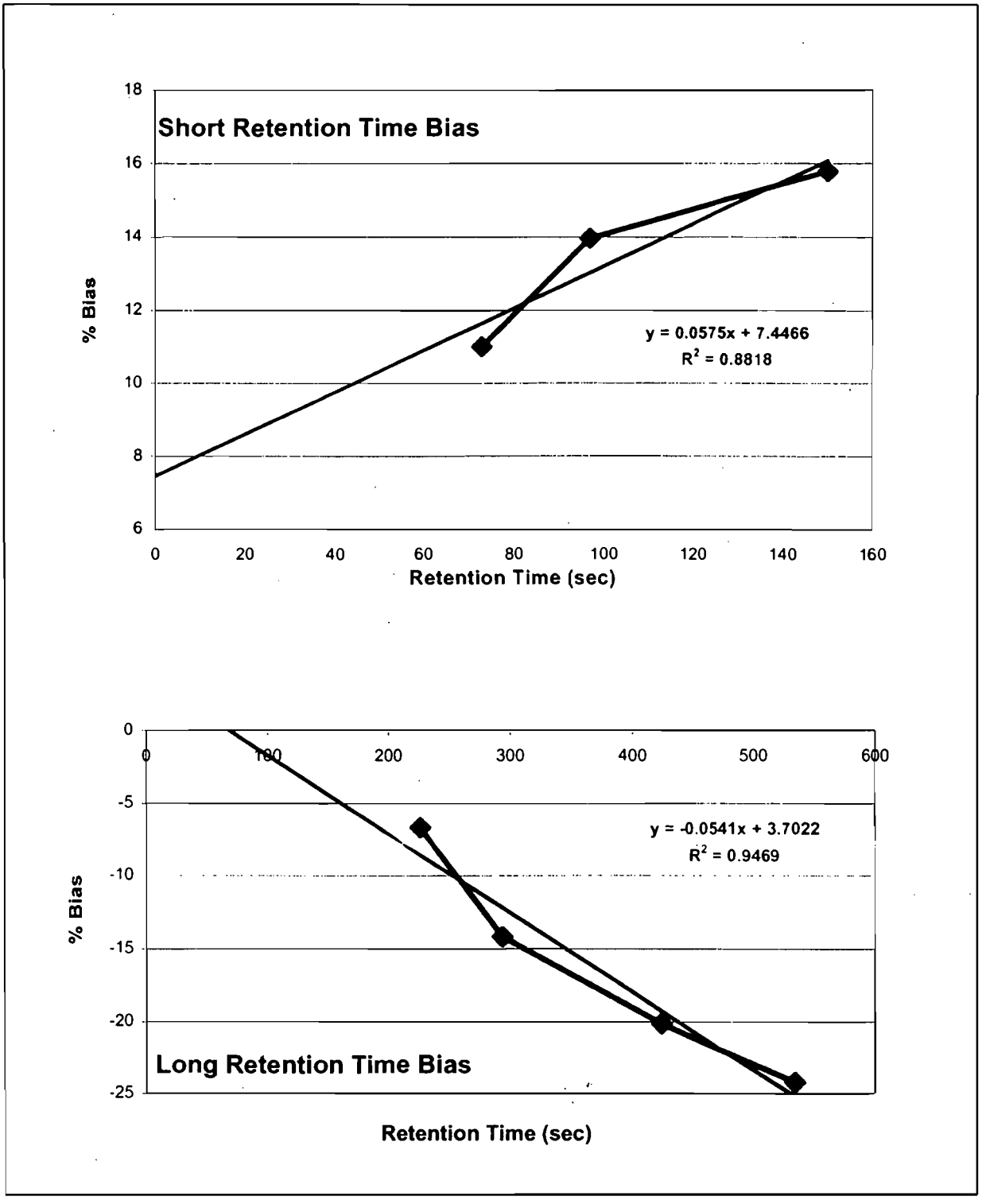


Figure 28. Comparison of Bias with Compound Retention Time.

Using the first linear relationship in Figure 28, and a Halon 1211 retention time of 40 seconds, a bias for Halon 1211 Zone II data was estimated at 9.75 %. Using the second equation from Figure 28 calculated a bias of 1.5 %. Another linear relationship using absolute values of 6 of the 8 tested compounds produced a bias of 11 %.

Considering the projected biases it was decided to use a correction factor of 10 % on all Port IV generated data. All Zone II Port IV data reported in this paper, unless identified as raw data, has been corrected to remove this bias.[24]

The Sentex GC system has been employed at OU-1 for over two years and has displayed consistent and precise analysis of CoCs. Previous sampling events, including quarterly SVE well sampling for the last 7 quarters, have included SUMMA canister calibration gas analysis that has been performed by Quanterra Labs. SUMMA results have compared favorably to OU-1 results, with the Sentex system displaying a precision of ± 20% and an accuracy of ± 10%.[21,24]

Trap-mode data have been shown to be accurate and consistent between the 1ppb to ≈ 2000 ppb range. Sentex GC trap-mode voltage (OMER) outputs used throughout this paper display clean, sharp spikes with very little interference or machine generated noise. Loop-mode data have also been shown to be accurate and consistent, but not necessarily in the range dictated by the Sentex organization in equipment literature.

Study of data generated at OU-1 has shown that the Sentex GC operating in loop-mode does not provide quality data in the 0-5ppm range. Some offset in data values is associated with the small sampling chamber utilized by the Sentex equipment while running in loop-mode. Apparently the internal sampling mechanism has an error associated with sample volume repeatability, creating inconsistencies in low ppm concentration ranges. According to test personnel, this is of minimal concern when concentrations are significantly greater than 1 ppm.[21,24]

There is also a baseline shift frequently associated with loop-mode analyses. This shift is apparent in the GC output displays and can be seen in any of the OMER loop-mode plots in this work. The area calculations internal to the Sentex system are performed utilizing integration to the baseline itself, and not some constant base value, so the shift has no effect on concentration values. The baseline shift can be corrected for, but is typically only adjusted enough to visually display complete spikes for the CoC's being analyzed.[21]

6.2 Remaining Test Data

Data generated by manual trap-mode testing of Tedlar sampling bags from Test II samples is considered high quality data. Calibration results throughout testing are within the expected precision levels of ± 10%. Halon 1211 peaks found on trap-mode chromatograms are sharp, distinct and are found at the calibrated retention time. Retention time and peak base lengths for all CoC's are all within expected values. Data generated by the automatic GC trap-mode sampling initiated after Tracer Test II, migration well sampling and P&T exhaust testing also produced quality chromatograms and are considered of high quality.[21]

Analysis of the concentration values associated with other site CoC's show these concentrations to be within the expected, primarily steady-state values these contaminants had obtained prior to testing.[24]

7.0 RESULTING DATA

Data generated by the Sentex automatic sampling procedures are stored internally on the supporting PC hard drive. These files are automatically saved by the Sentex unit using an idx-identifying suffix. Periodically data files are manually renamed and stored as consecutive files, with this activity recorded in the OU-1 GC logbook. These files are saved as consecutive files Sentex29.idx, Sentex30.idx and so on. Five such data files were generated by pre-test Halon 1211 compatibility testing, pre-test calibration, and the test sampling. One file, Sentex32, was somehow corrupted and is not available for analysis. Stored files are then opened utilizing the Sentex software and resaved as a data file (.dat) or ASCII files to allow distribution to and analysis by outside sources.[20,21,24]

Additional files of the Sentex GC voltage output, which represent the graphical display shown on the GC/PC screen, are stored as OMER text files by the computer. These files are then introduced to spreadsheet software; MS Excel is typically employed where GC screen outputs are reproduced and analyzed. Subsequent discussion of GC generated screen plots in refers to OMER files that have been plotted and analyzed using MS Excel software.[20,21,24]

7.1 Tracer Test I

7.1.1 Raw Data

Virtually all data associated with Tracer Test I was initially considered poor quality data. The two exceptions were the first two loop-mode automatic samples, and the data generated from Zone II SVE exhaust after the system was placed in automatic trap-mode. The first Tracer Test I GC analysis shows a sharp, tight Halon 1211 spike, with a very small step in the side. These data are considered accurate. The second analysis, from t = 00:30, displays a less prominent spike and a more dominant secondary step. Further analysis of Tracer Test I results reveals an assortment of sharp Halon 1211 spikes with varying interference associated with each sample.[21,24]

Additional examination of the plots generated by the GC system during the early stages of Tracer test I show that data generated up to time step 2:45 could be manipulated and used for concentration and mass transfer analyses.

Data generated via automatic trap-mode analysis after the second tracer test, beginning at time step 60:00, are all considered quality data. Although these data were collected after the completion of the second tracer test, the injection of the 5 ½ ounces of Halon 1211 during the second test is considered to have had insignificant impact on Tracer Test I results. Tracer Test I tracer mass represents the primary mass of Halon 1211 injected, consisting of 160 ounces of the 165.5 ounces injected. The 10-lbs of Halon 1211 used in Tracer Test I is represented by:

$$\left(160oz / 165.5oz\right) \times 100 = 97 = 97\% \text{ of the injected Halon 1211.}$$

Tracer Test I Halon 1211 represents 97% of the total tracer mass injected, which is far more significant than the 3% of total tracer mass injected during Tracer Test II. Therefore, the 5 ½ ounces injected in Tracer Test II can be assumed negligible and having no impact on late-stage Tracer Test I concentration results.

Examination of the post-Tracer Test II GC produced chromatograms show clean, sharp spikes with no interference. A collection of raw data from Tracer Test I Port IV automatic loop-mode sampling, Tracer Test II Tedlar bag sampling, and post TTII automatic trap-mode sampling are shown in Figure 29.

The initial data in Figure 29 are automatic loop-mode data. The small spike at approximately t = 28:00 represents Tracer Test II Tedlar bag sampling results produced using manual trap-mode. The tight collection of data points from t = 60:00 onward represents post-Tracer Test II automatic trap-mode sampling.

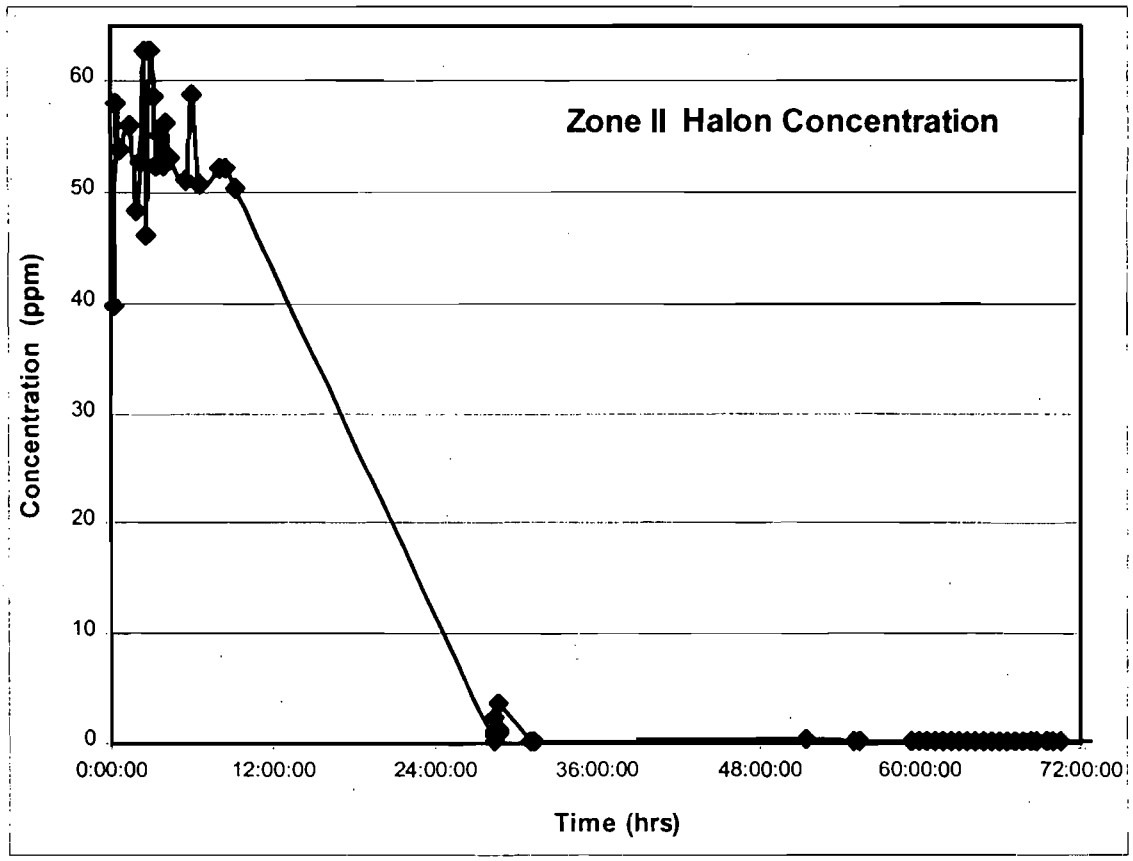


Figure 29. Raw Data Collected from Zone IV throughout Testing.

7.1.2 Data Manipulation

Initial data found in the Figure 29 is erratic, confusing, considered of poor quality and unusable from time step 2:45 until the Tracer Test II data. Chromatograms produced after 2:45 into testing include unresolved peaks that can not be distinguished from Halon 1211 peaks rendering the data unusable.

Several OMER GC plots from Tracer Test I were manipulated to a usable form. Two OMER outputs, shown prior to manipulation, have been reproduced on the following page in Figures 30 and 31. The first spike from the left in each figure represents Halon 1211 output.

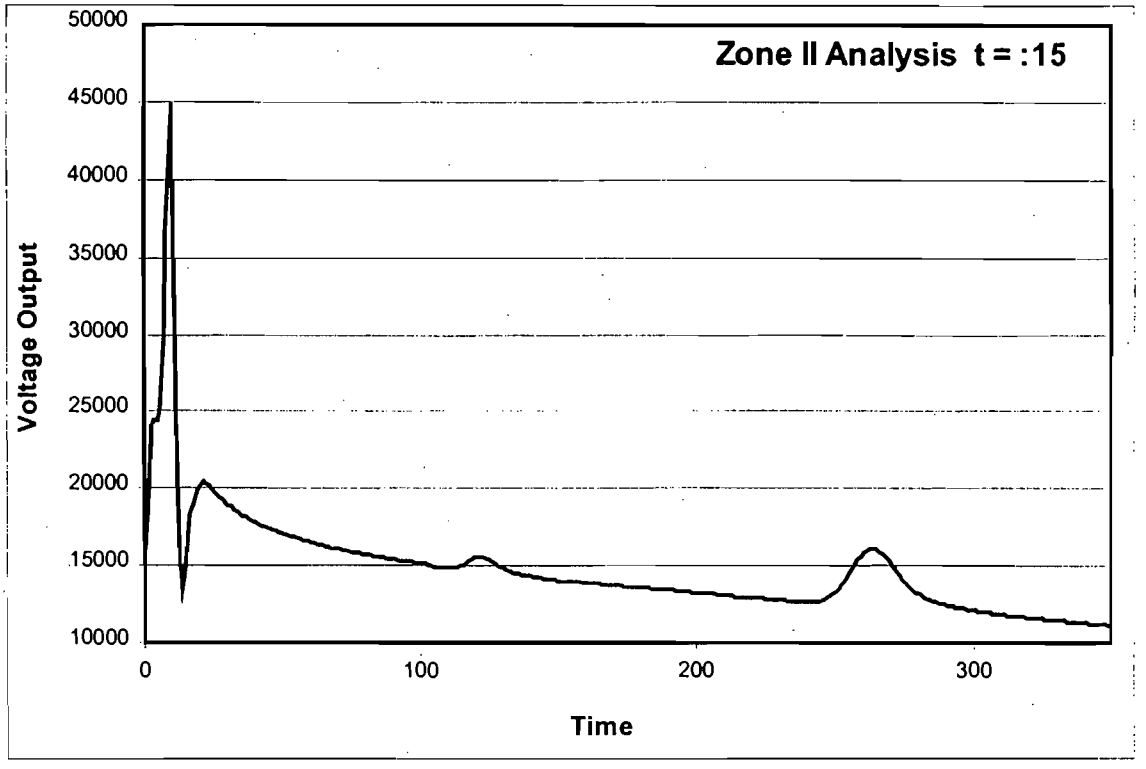


Figure 30. Reproduced OMER GC Output from Tracer Test I.

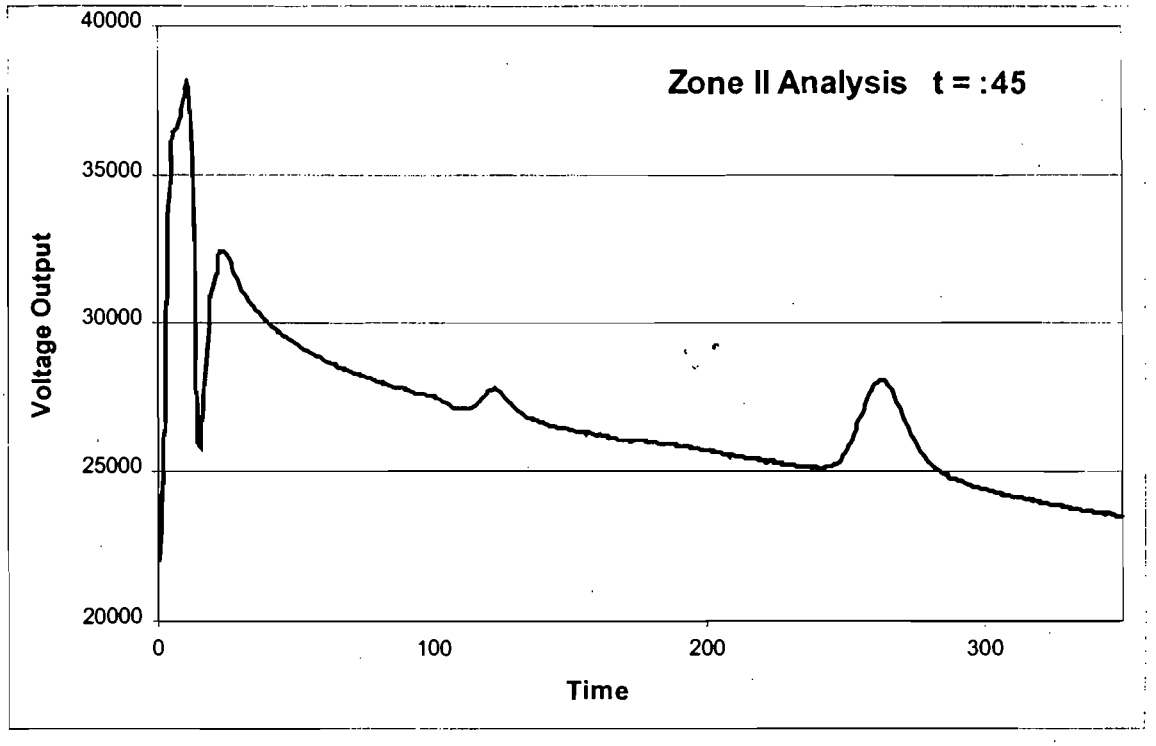


Figure 31. Reproduced OMER GC Output from Tracer Test I.

Examination of the preceding plots shows the co-elution of Halon 1211 and another unidentified compound. This initially appears as a step in the lower left side of the Halon 1211 spike at t = 0:15, in Figure 30. OMER plots were then generated for Zone II automatic loop-mode data at succeeding time steps and examined to determine the behavior of the interference data. This interference appears to slowly creep higher up the Halon 1211 spike with time. In actuality the step appears higher and lower in early data sets, depending on the Halon 1211 concentration.

This effect continues, with the Halon 1211 peak definable, until t = 3:00, (Fig. 33) where the interference washes into the Halon 1211 spike to a point where they are indistinguishable. It became apparent that removing the area associated with the interference could create an area that represented the true Halon 1211 concentration, or at least a very close estimate. A graphical analysis of the GC created plots could be performed as long as the Halon 1211 peak and slope were easily distinguishable. Plots of the final usable data point at t = 2:45 and the first indistinguishable point at t = 3:00 are shown in Figures 32 and 33.

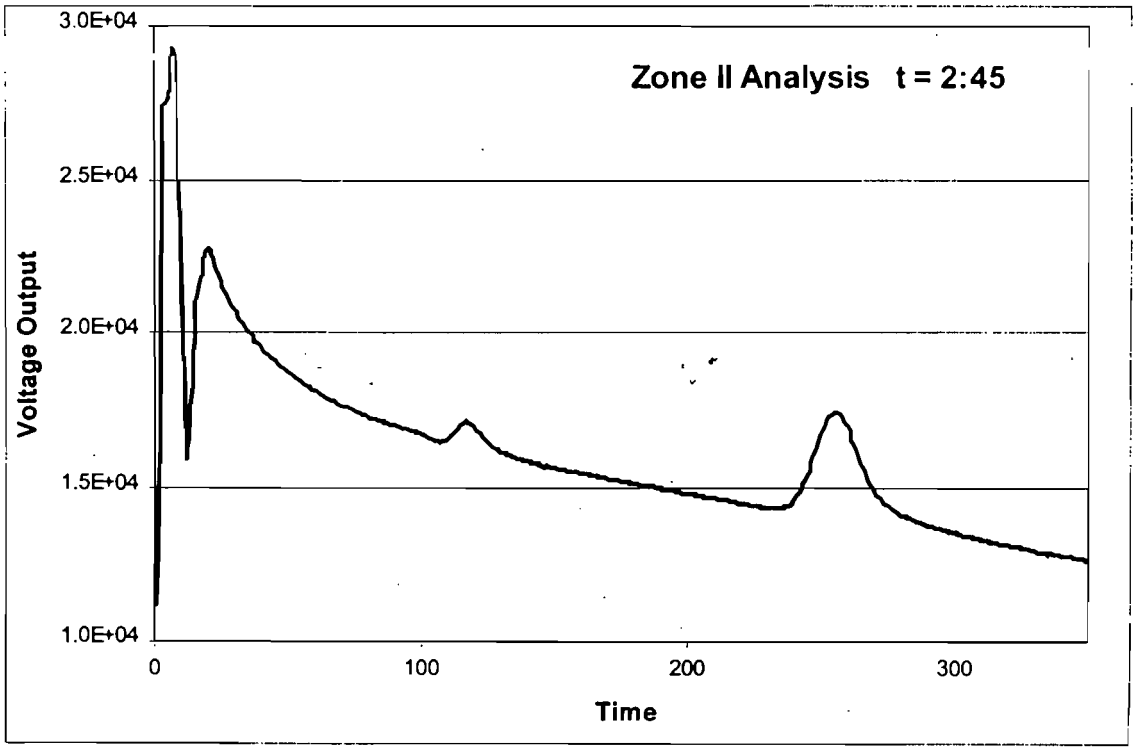


Figure 32. Reproduced OMER GC Output from Tracer Test I at 2:45.

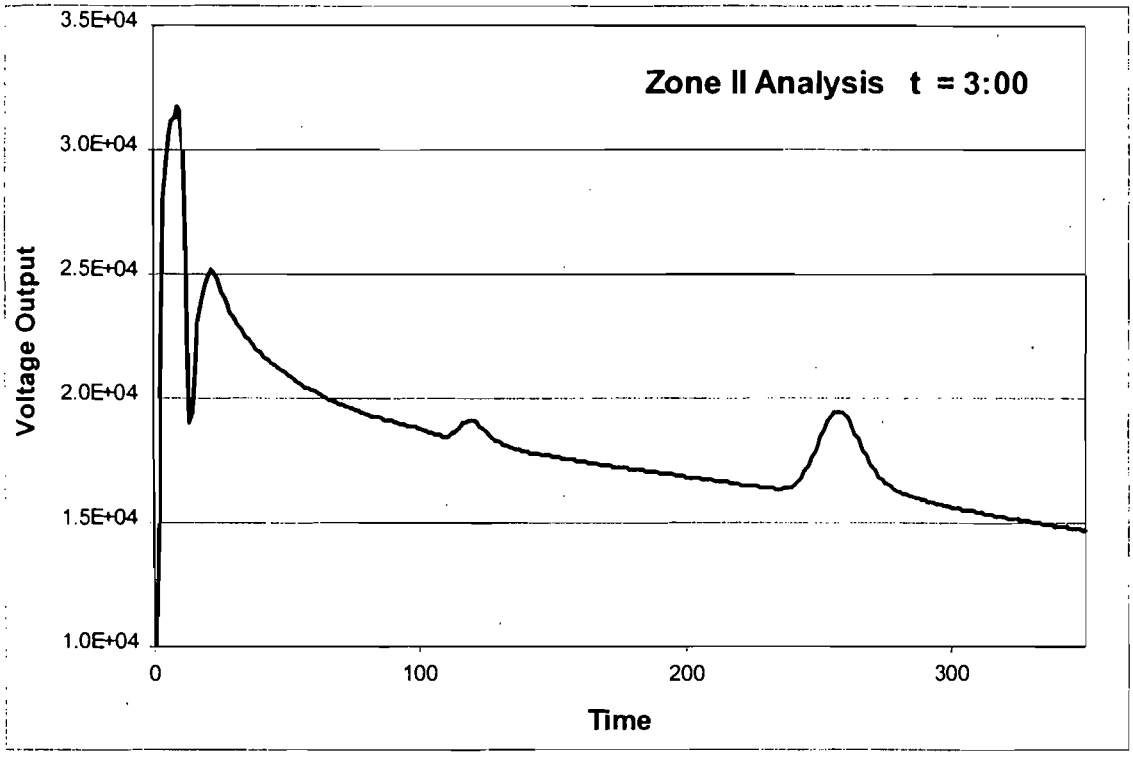


Figure 33. Reproduced OMER GC Output from Tracer Test I at 3:00.

Note that the Halon 1211 spike is still distinguishable in the t = 2:45 plot (Fig 32), yet it has become washed in to the interference area in Figure 33, the t = 3:00 plot. The OMER plots immediately following t =3:00 are also washed-out and therefore of no use.

The baseline on all the previous figures has a slope associated with it; this is simply a shift in the Sentex GC baseline and an artifact of loop-mode. The baseline shift has no effect on area calculations as the machine identifies and adjusts the baseline.[21,24]

To better examine the difference between the peaks and increasing slopes associated with Halon 1211 detection, and the interference from machine noise, expanded plots were generated to zoom in on the Halon 1211 spike. Utilizing these plots one can clearly note the rising slope and peak, and thereby estimate the area of the interfering peak. An exploded version of the time step 1 hour and 15 minutes into Tracer Test I is shown following in Figure 34.

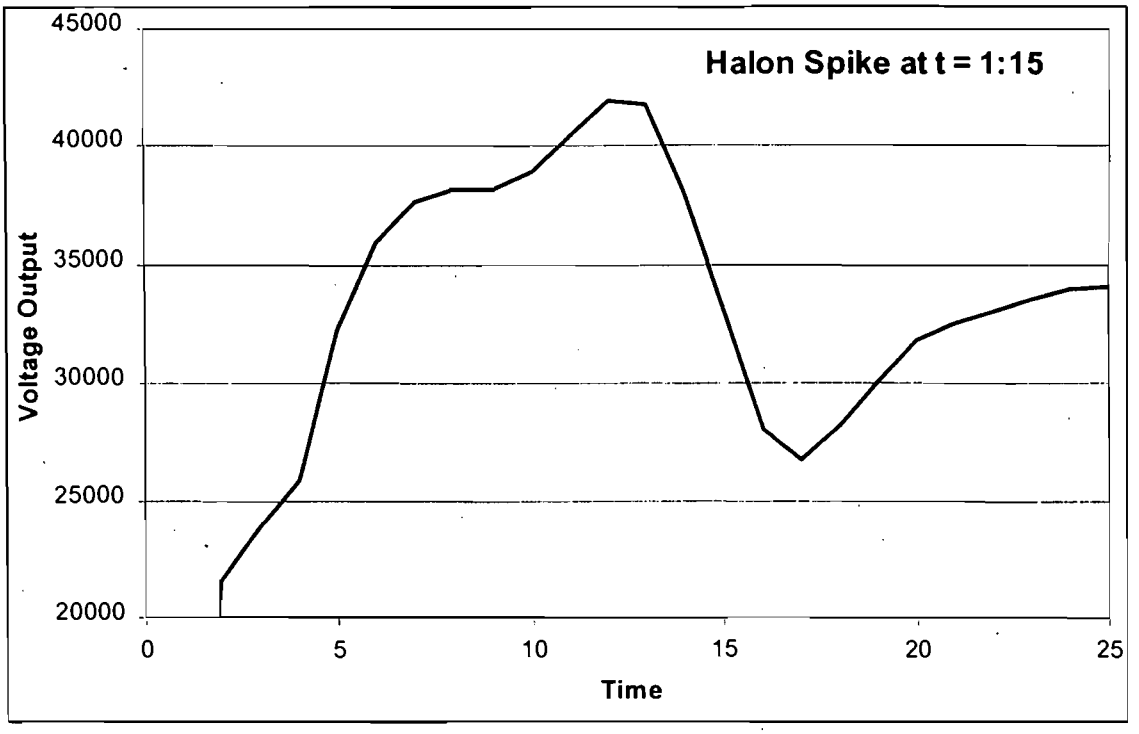


Figure 34. Exploded Version of the Halon 1211 Peak for the Analysis at 1:15

It is somewhat difficult to distinguish the interference area in this figure so an additional plot was generated, with scale adjusted, to better analyze the initial or increasing slope. The new plot includes a shorter time span, which has the effect of pronouncing the slope of the Halon 1211 spike. The plot also begins at the projected baseline, which has been interpolated from data points farther into the sample analysis. By projecting the baseline through the Halon 1211 spike, and initiating the plot at that voltage output, the area shown in the plot would be a duplicate of the area integrated by the Sentex GC system to produce the Halon 1211 concentration.

Following in Figure 35 is a representation of the t = 1:15 Halon 1211 spike plot, above baseline only, at a more definitive scale.

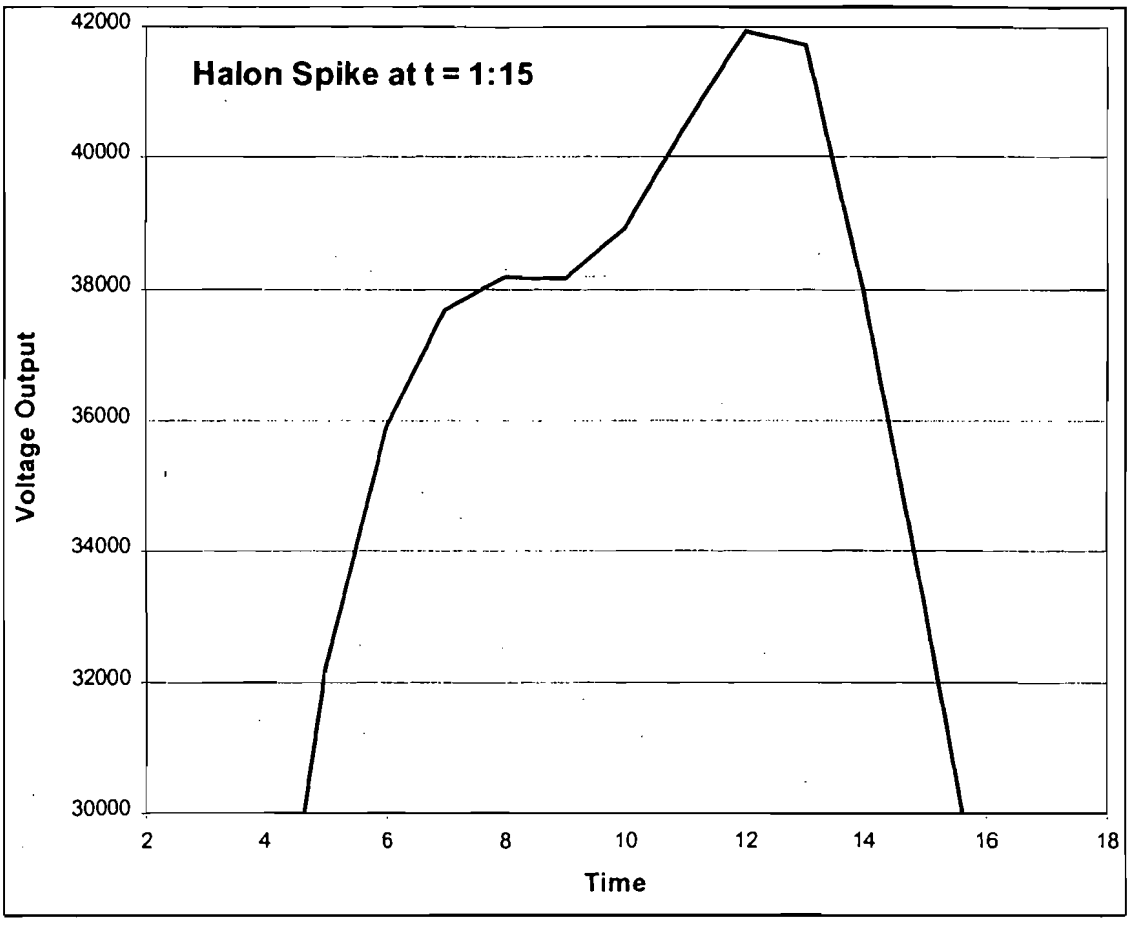


Figure 35. Exploded Halon 1211 Peak at 1:15, Above Baseline Only.

In this figure it is easier to see the rising slope of the Halon 1211. Full scale plots similar to Figure 35 were then broken into areas representing the Halon 1211 spike and the interference area. The area of each region was then calculated and a ratio of interference area to total area was determined. This procedure was carried out for each automatic loop-mode analysis performed up through time step 2:45. An example of the area calculations for the Halon spike at t = 1:15 follow.

The plot was broken down into 2 regions; the Halon 1211 spike, outlined in red in Figure 36, and the interference peak, which is outlined in green in that figure. Numerical integration was then utilized to determine the area of each shape.

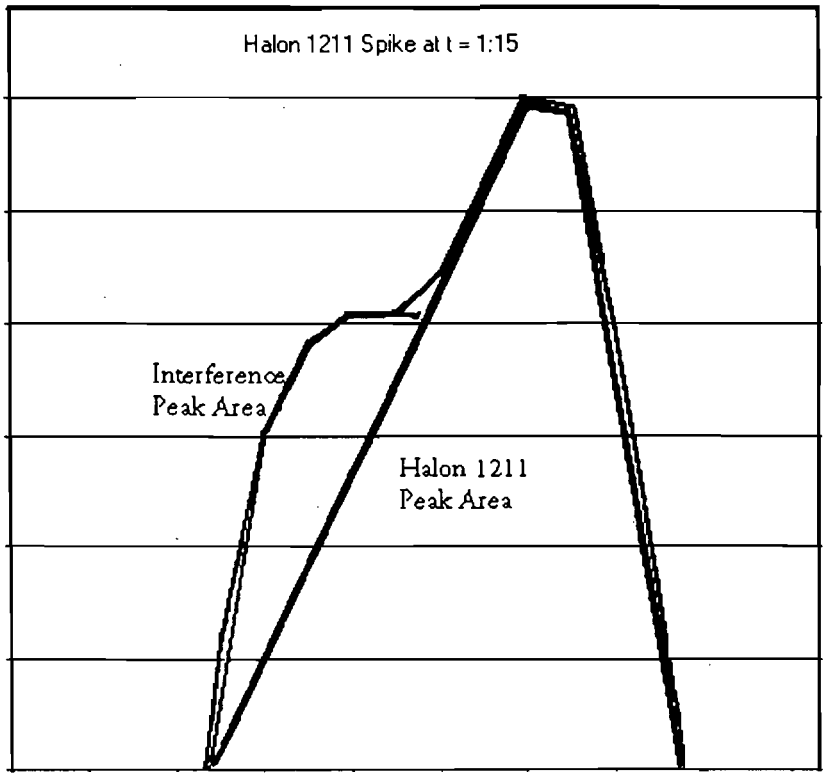


Figure 36. Halon 1211 Peak Showing Areas Utilized for Interference Analysis.

Since the rectangle in the figure has one sloped end, the length value was simply determined at the mid-point of the sloped side. This procedure is a manual integration technique used to determine the area bounded by a representative curve. Results of area calculations can be found in Table 14.

Table 14. Halon 1211 t = 1:15 Area Estimation Calculation Results

Area Represented	Area Calculated (voltage/time)
Interference(Unresolved) Peak	12483
Halon 1211 Peak	71718
Total Area	84202
Interference Peak Percent of Total Area	15%

This analysis was then utilized to estimate Halon 1211 concentration by comparing areas. Assuming that the area / reported concentration relationship used by the Sentex GC is linear, or at least directly proportional, than the following simple calculations were utilized.

$$\left(\frac{InterferenceArea}{TotalArea}\right) = \%Overestimated$$

$$@\,t = 1{:}15 \quad \left(\frac{12483}{84202}\right) = 0.148 = 15\%\,\text{error}$$

In other words:

$$(\text{Concentration}) - (\text{Concentration})\left(\frac{InterferenceArea}{TotalArea}\right) = \text{Corrected Concentration}$$

7.1.3 Finished Data

Basically, the area calculations determine a multiplier, which is then utilized as a corrective factor to reduce the initial Sentex GC estimated concentration to an accurate value. This method was employed on all Tracer Test I loop-mode analysis up through t = 2:45. Concentration data were then adjusted for the estimated bias associated with Port IV. Resulting Halon 1211 concentrations are found in Table 15 and also plotted in Figure 37.

Table 15. Final Halon 1211 Concentration Values for Port IV Tracer Test I Analyses.

Running Time (hrs:min)	Halon 1211 Conc. (ppm)	Running Time (hrs)	Halon 1211 Conc. (ppm)
0:15	41	1:45	55
0:30	60	2:00	65
0:45	56	2:15	48
1:00	63	2:30	65
1:15	58	2:45	61
1:30	50		

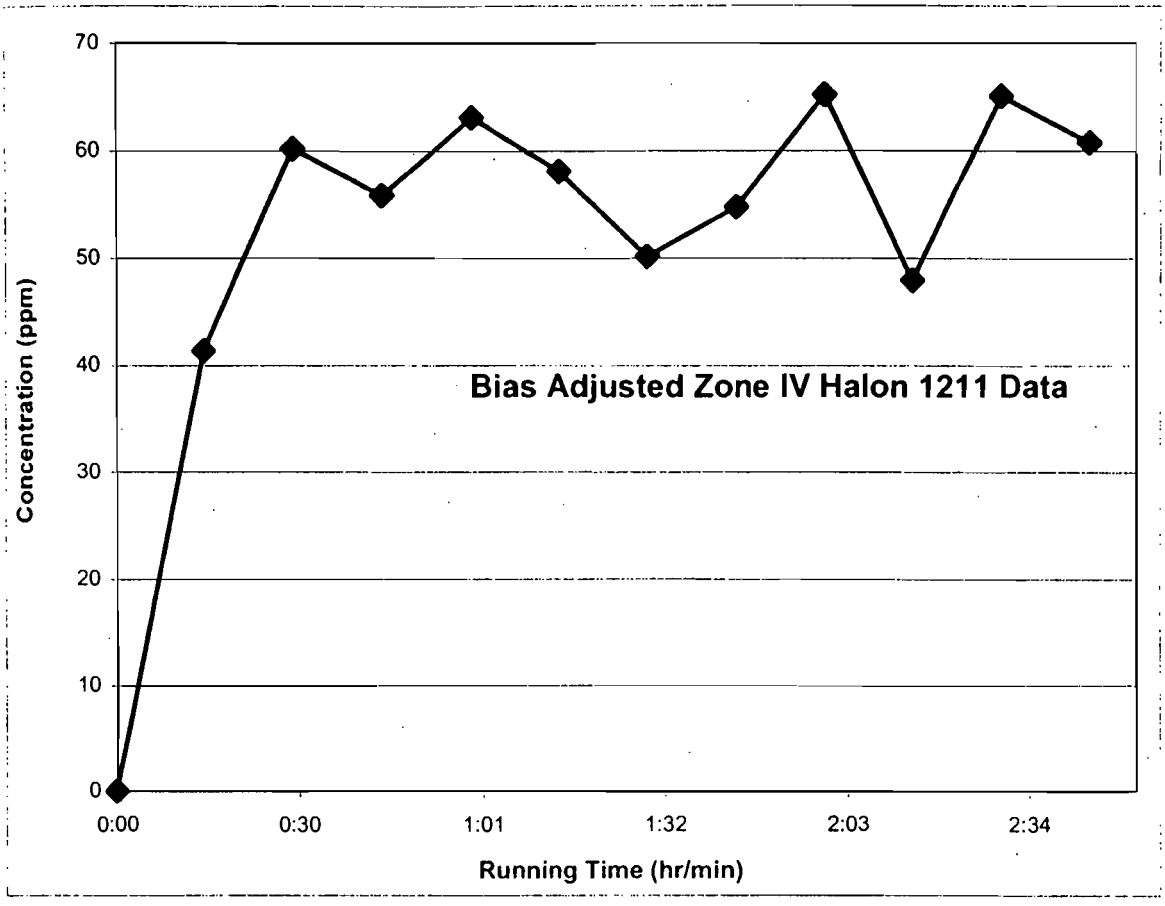


Figure 37. Recalculated Halon 1211 Concentration Values for Tracer Test I Analyses.

7.2 Tracer Test II

7.2.1 Raw Data

Data generated from Tracer Test II are found in Figure 38 which shows Halon 1211 concentrations from Tedlar bag samples taken through the Zone II SVE exhaust over time.

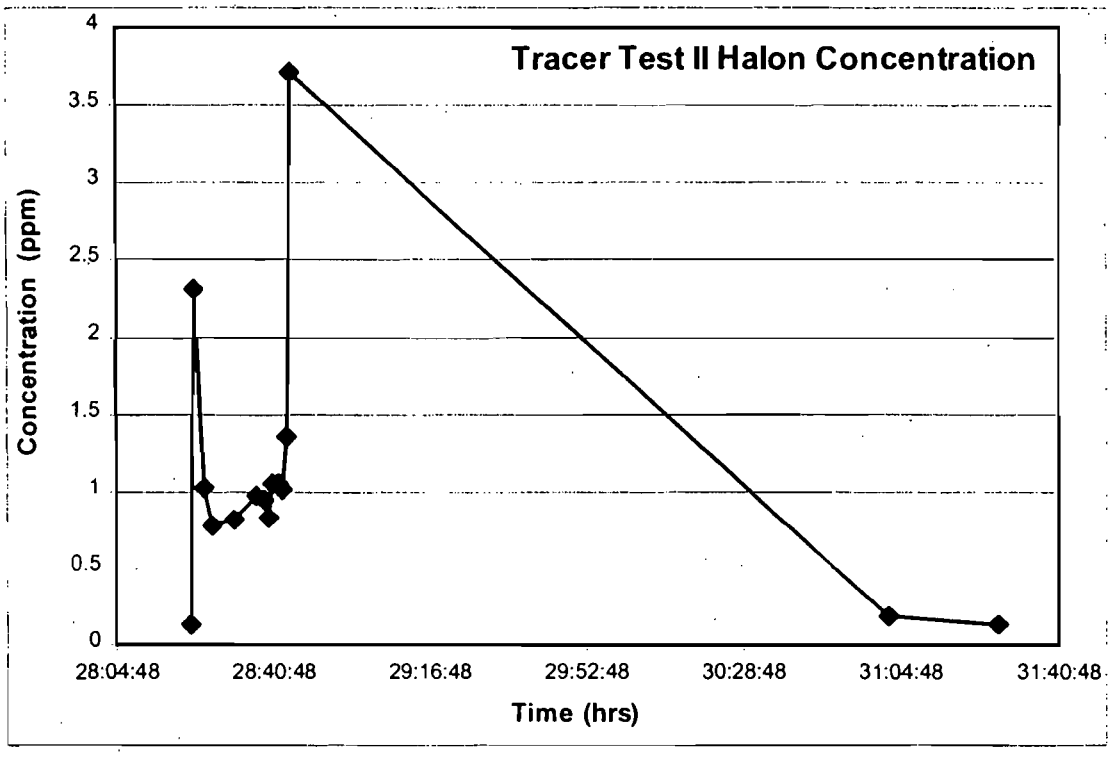


Figure 38. Halon 1211 Concentration Data from Tracer Test II.

Data was initially represented as ppm Halon 1211 over time and was then converted to micrograms/ m^3 using methods outlined in Appendix D. Running time stated in this figure represents time from the initiation of the first test gas injection.[25]

7.2.2 Data Manipulation

Since tracer gas was moving through the test system prior to the second tracer test it was necessary to establish a baseline Halon 1211 concentration. The first one and last two data points in Figure 38 represent the approximately steady state Halon 1211

concentration level it is believed the SVE system had achieved prior to the second tracer test.

Since no acceptable data were available to determine the initial baseline value, post Tracer Test II data were simply extrapolated backward to predict the pre-test concentration. Concentration data were taken from Zone II Port IV trap-mode sampling and averaged to provide the post-test concentration value needed for this extrapolation. Table 16 contains the data utilized for the concentration baseline calculations and the results. The last data point on the figure is not from a Tedlar bag sample, but is the first Zone II Port IV sample taken after the completion of the second tracer test.

Table 16. Post Tracer Test II Halon 1211 Concentration Values

Time of Sample	Halon 1211 Concentration (ppm)
60:32:00	0.1372
61:07:00	0.1269
61:43:00	0.1269
62:18:00	0.1262
62:54:00	0.1277
63:29:00	0.1267
64:05:00	0.1296
64:40:00	0.1244
65:15:00	0.1270
65:51:00	0.1276
66:26:00	0.1272
67:02:00	0.1303
Sum	1.538
Average(ppm)	0.128

The value of 0.128 ppm Halon 1211 was then used as the concentration value for the first data point and also the last 2 data points when plotting Tracer Test II Halon 1211 concentration over time. These data points provided a baseline concentration value which allowed further analysis of Tracer Test II generated data.

7.3 Groundwater Pump & Treat Air-stripper Exhaust

One potentially unforeseen sink to the tracer test system was the groundwater pump and treat (GWP&T) air-stripping system. To determine if the system was affecting tracer mass removal from the partially closed system being studied, GWP&T air stripper exhaust sampling was implemented. Influent water samples would supply accurate mass removal data but liquid sampling and analysis equipment were unavailable.

Any detection of tracer in the GWP&T system would prove it was a mass removal sink. Gaseous exhaust sampling was implemented by filling Tedlar bags with a vacuum pump. There is no sampling port incorporated in the GWP&T exhaust line, so samples were taken by drawing discharge directly from the GWP&T exhaust pipe mouth. Six samples were taken from the air-stripper exhaust, samples GWP&T # 1 and GWP&T # 2 taken prior to the second tracer test. Four more samples were taken during Tracer Test II, GWP&T A, B, C, and D, even though initial manual loop-mode sampling of the first two bags showed no Halon 1211 recovered.[15]

7.3.1 Raw Data

Initial analysis of GWP&T samples found no detectable tracer, sample bags were then stored in refrigerated conditions overnight. Valves on Tedlar bags from samples GWP&T A, GWP&T C and GWP&T D all failed, compromising these samples, so there are no available data from these sample time slots.

Data from the three analyzed GWP&T exhaust samples, #1, #2, and B are shown in Figure 39, which includes analysis of all site CoC's along with Halon 1211.

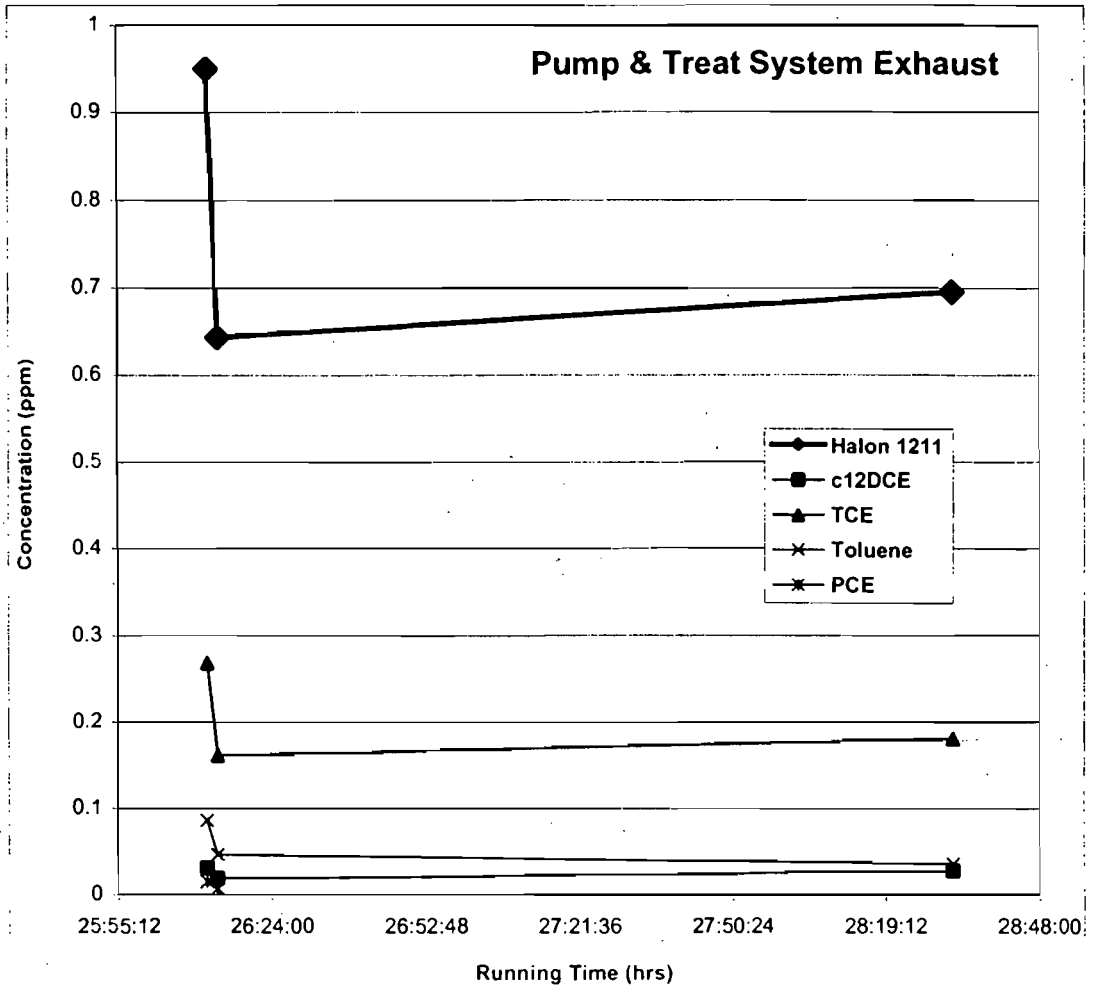


Figure 39. Analysis of the Three Tested GWP&T System Samples.

This plot shows that the GWP&T air-stripper unit was definitely removing tracer gas from the system. The first two data points represent samples GWP&T #1 and GWP&T #2, taken prior to the second tracer, while the third is GWP&T B taken 10 minutes into the second tracer test. Pre-Tracer Test II data show 0.95 ppm and 0.64 ppm respectively, while the third sample from Tracer Test II displays a value of 0.69 ppm.

Since GWP&T #1 and GWP&T #2 were taken only two minutes apart, any difference between these samples must be due GWP&T system noise. It is unlikely Halon 1211 concentration dropped 0.3 ppm in a 2-minute period initiated 26 hours after initial gas injection. Examination of the other constituents found in Figure 39 show they all behave similarly to Halon 1211, with a substantial drop in concentration between the first two samples.

Given that the other site CoC's would be at a primarily steady-state concentration, the higher value in the first data points is probably due to equipment fluctuation. System noise could be caused by an air pocket in piping from one of the GWP&T wells, a pump surge, or a minor momentary flow rate change. Any of these occurrences could easily create the difference between the first two reported data points. For any analysis purposes Halon 1211 concentration from this test will therefore be reported as the average of the initial two data points, which becomes 0.8 ppm

7.4 Perimeter Wells

7.4.1 Raw Data

Migration well testing data represents the most complete and accurate data set from the entire tracer test project. All migration well samples utilized ambient pressure Tedlar bag sampling procedures and were analyzed through Port V, eliminating any bias. Initially, monitoring wells # 376, # 377 and # 388 were targeted for tracer migration sampling. Due to the high water level noted in well # 388 it was dropped from the sampling routine and replaced by well # 422. The Mound OU-1 site map is again reproduced here in Figure 40 for well location details.[3,12]

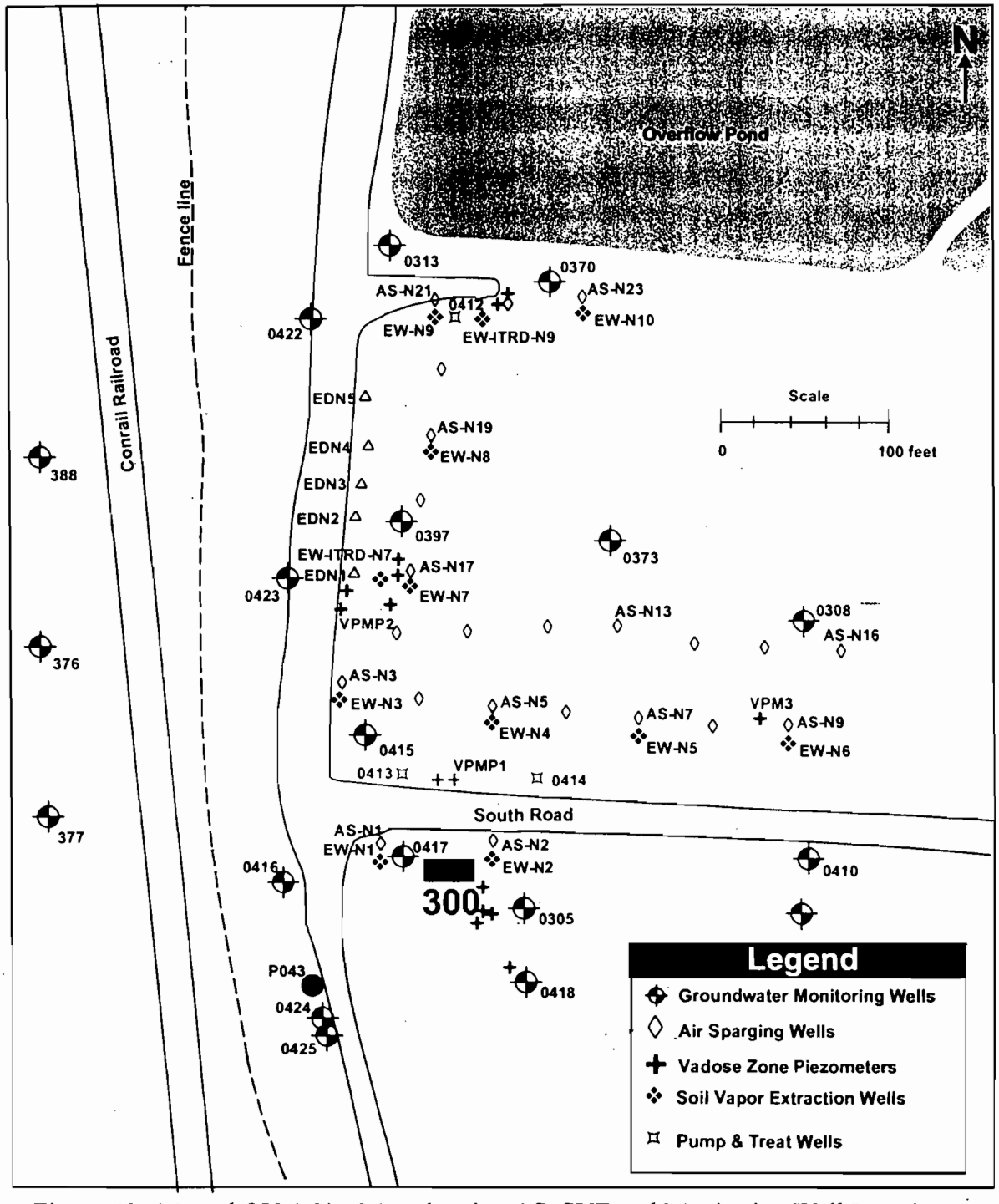


Figure 40. Mound OU-1 Site Map showing AS, SVE and Monitoring Well Locations.

Testing of the three perimeter sampling wells was initiated on Well 422 at approximately 1 ½ hours into the initial tracer test. Three headspace pore volumes were evacuated from each well, as a purging procedure, utilizing the small vane pump. Ten-liter Tedlar bags were then filled with well headspace vapor. The schedule of all migration well sampling can be found in the testing timeline table found in the Test Wrap-up section.[3,12]

Although early samples showed no evidence of tracer when examined using the Sentex GC in loop-mode, these samples were re-analyzed in trap-mode on May 21st, which produced the concentration time profiles shown in Figures 41, 42 and 43.[12]

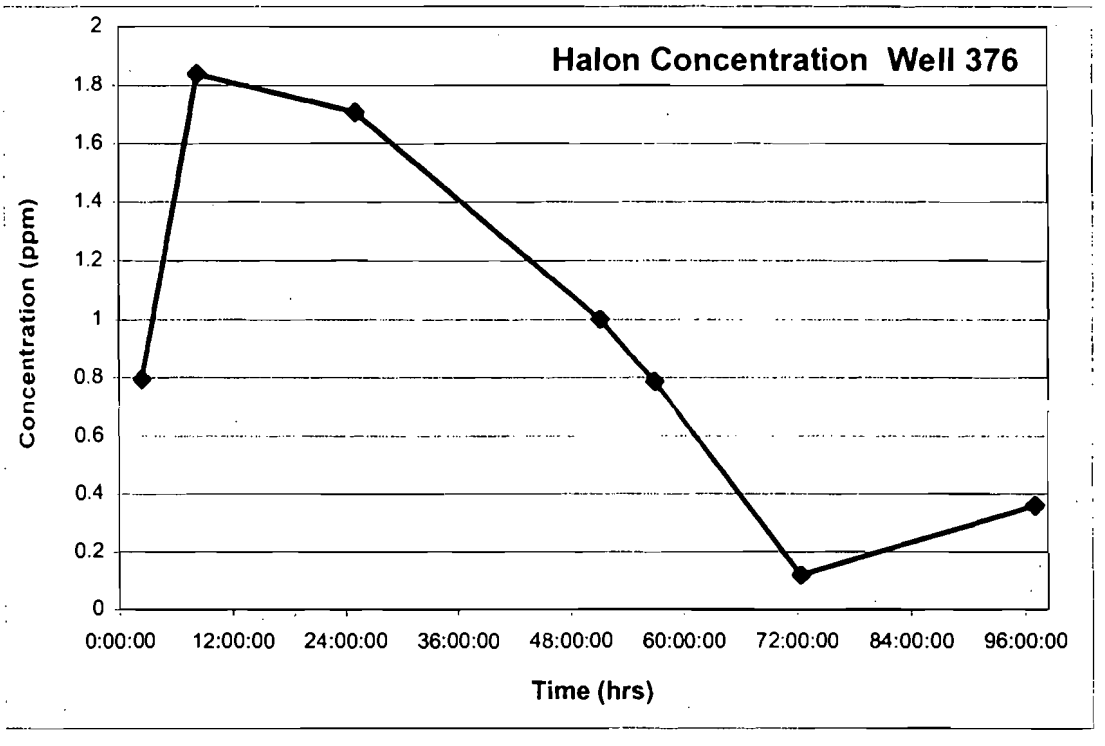


Figure 41. Groundwater Monitoring Well 376 Halon 1211 Concentration.

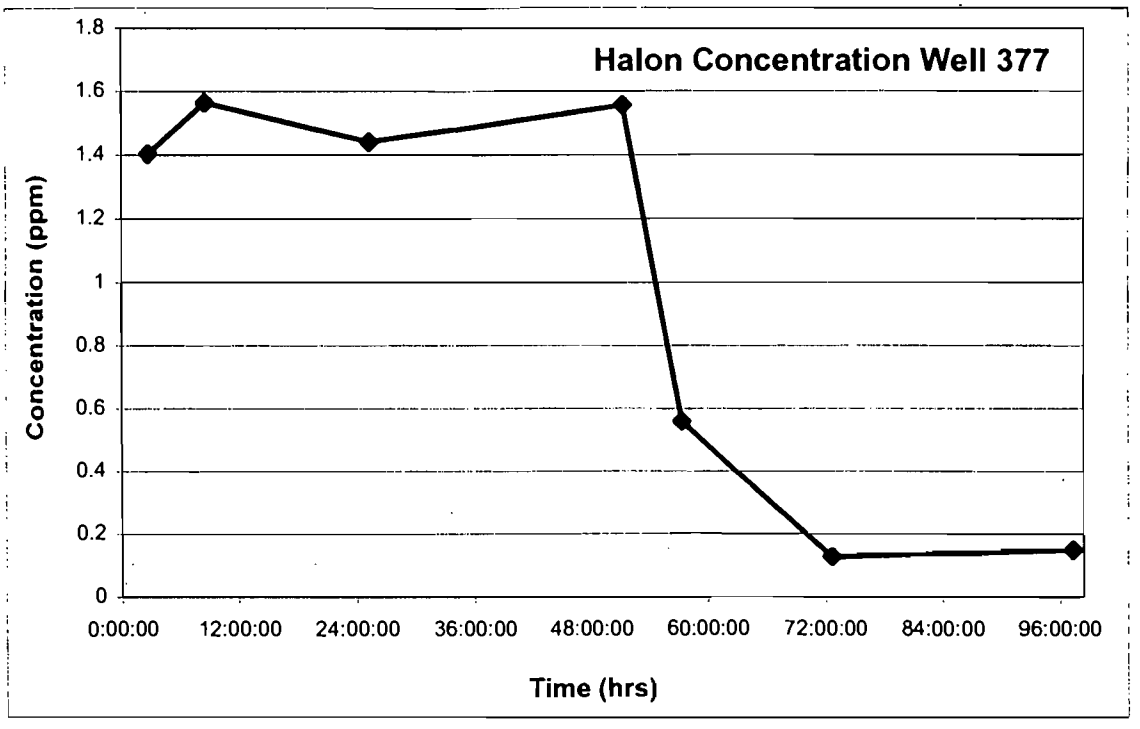


Figure 42. Groundwater Monitoring Well 377 Halon 1211 Concentration.

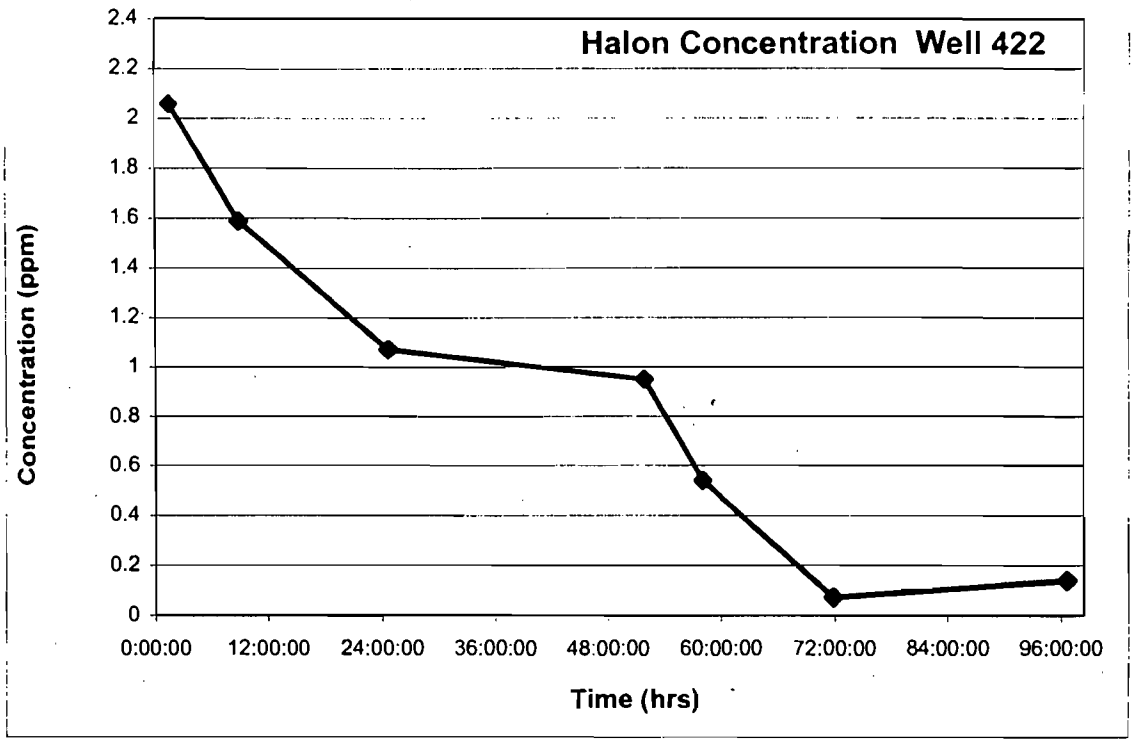


Figure 43. Groundwater Monitoring Well 422 Halon 1211 Concentration.

Interestingly, the earliest migration sample, from well # 422, already displays a Halon 1211 concentration of over 2 ppm just 1 ½ hours into testing. The other migration well figures both show an early Halon 1211 concentration increase, with Well 376 displaying the most dramatic concentration increase.

7.4.2 Data Manipulation

The Halon 1211 concentrations found in each migration well are plotted in Figure 44. To manufacture this plot, it was necessary to create an average time of sampling for each well sample. Migration well sampling was performed in a "circuit", with each circuit sampling set completed between roughly 1 to 1 ½ hours. A median time for each sampling set was calculated and used to create Figure 44.[3,12]

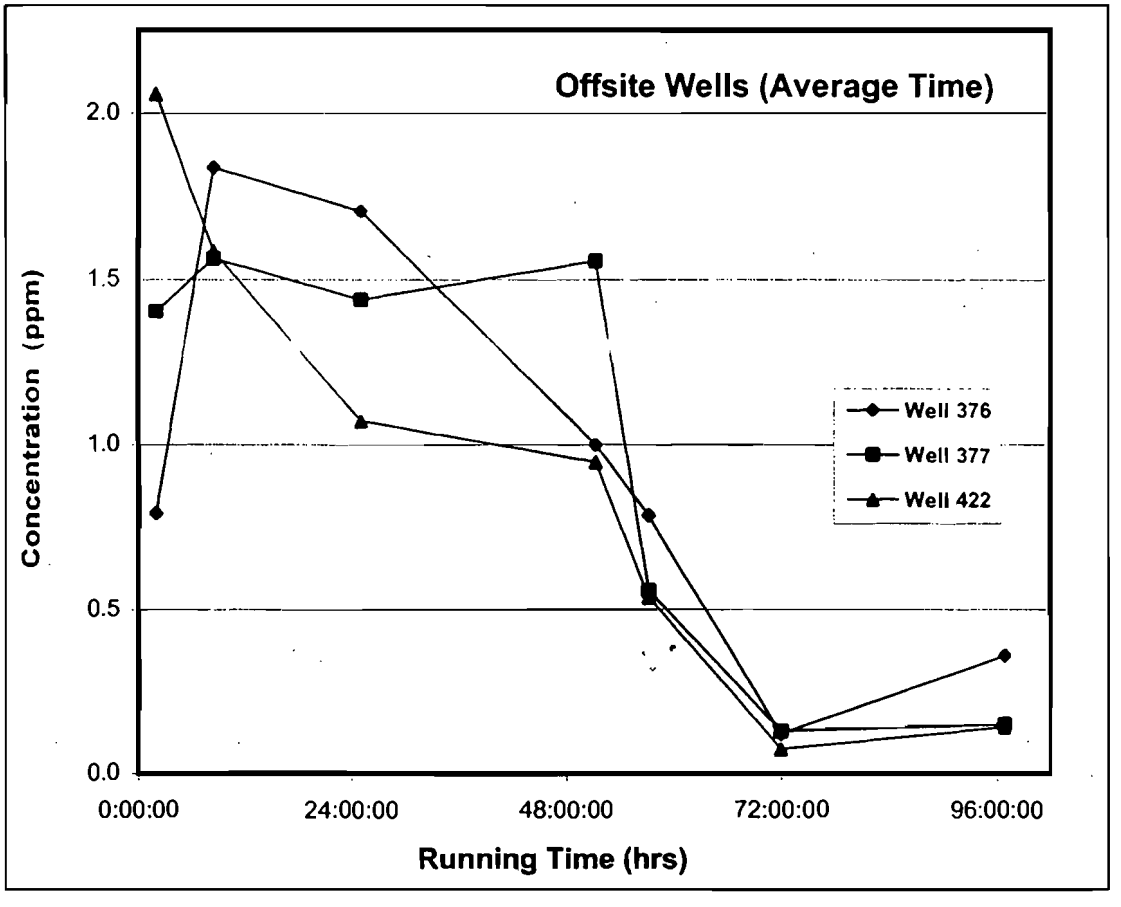


Figure 44. Halon 1211 Concentration Found in Migration Wells.

Data collected from perimeter wells represents the highest quality data generated in the tracer testing project.

8.0 DATA ANALYSIS

8.1 Tracer Test I

Two sets of usable data were generated from Tracer Test I Port IV sampling. Analysis was performed on both the corrected Port IV data generated between t = 0:15 and t = 2:45 and also on Port IV data generated by automatic trap-mode from t = 60:00 on. Mass balance calculations were performed on each separate set using the following methods.

8.1.1 Initial Port IV Data

The corrected data set from early Tracer Test I sampling was imported into TableCurve 2D Version 4.0. TableCurve 2D automatically integrates the area from X_{min} to X_{max}, which was shown as $1.07e^{+9}$ micrograms of Halon 1211. Converting micrograms of Halon 1211 to pounds helps develop a better grasp of what happened during the initial stages of the first tracer test.[26]

$$\left(1.07\times10^{9}\right)\left(\frac{1gram}{10^{6}\,\mu g}\right)\left(\frac{1oz}{28.35gram}\right)\left(\frac{1lb}{16oz}\right)= \text{ 2.36 lbs Halon 1211}$$

This analysis shows approximately ¼ of the injected tracer gas was drawn into the SVE system in the first 2:45 of the initial test. These data were corrected for a pressure-based bias and also instrument noise. As there are no other data available for the initial stages of tracer testing, it produces the best mass transfer estimate available.

8.1.2 Port IV trap-mode Data

An additional mass balance was performed on the data generated via Port IV trap-mode sampling after the second tracer test. This sampling began at time t = 60:00 and continued up to time 123:00 from initial injection. Data was converted from ppm concentration to mass/volume concentration, using the methods found in Appendix D, to simplify integration. At the same time data was corrected for the 10% Port IV bias.

Data were then plotted using MS Excel and fitted with a linear trendline with results found in the Figure 45.

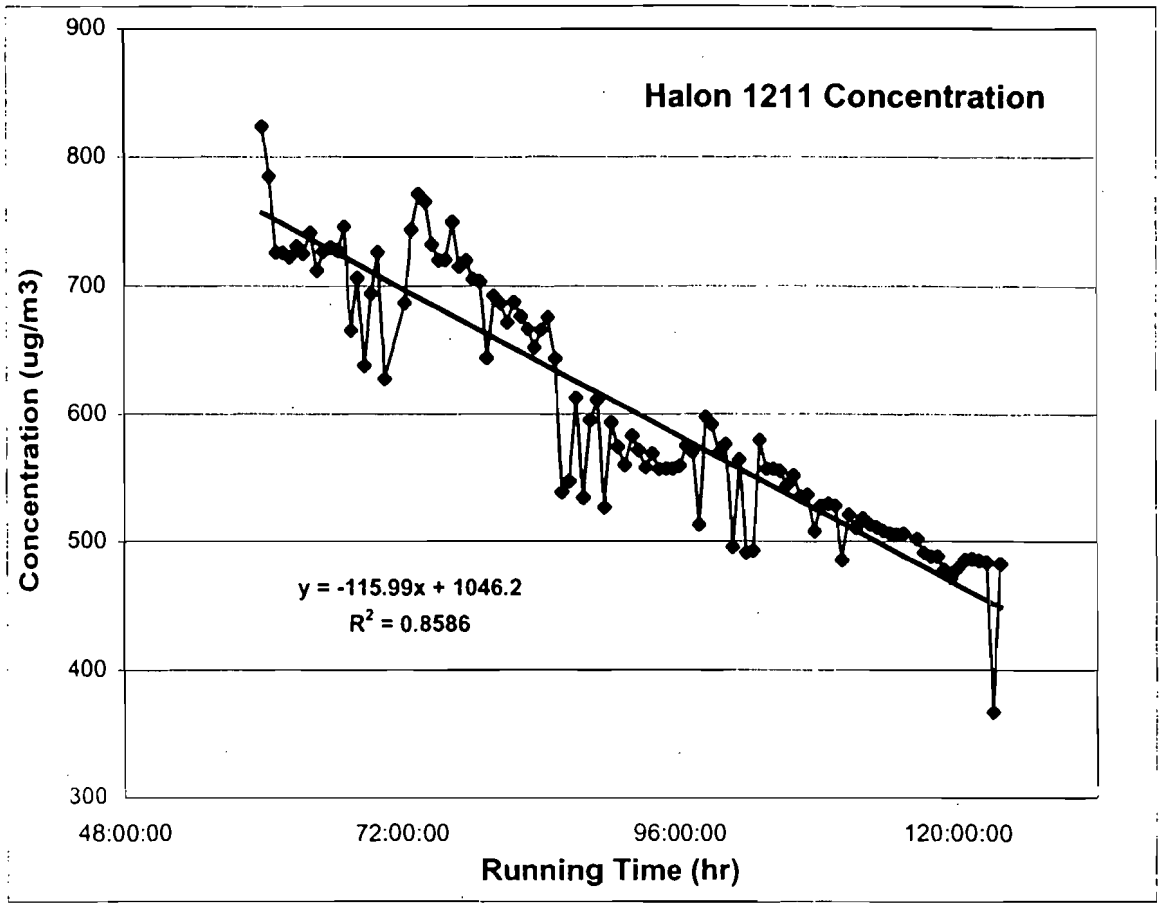


Figure 45. Late Test Stage Zone II Port IV Trap-mode Sampling Data.

The fitted linear equation is a good physical fit to the data and displays an R^2 value of 0.86. This equation was then multiplied by the hourly volumetric flow to convert the equation to Halon 1211 mass removal per hour. The resulting equation was then integrated to determine the mass of Halon 1211 removed through the SVE exhaust system between 60:00-123:00. Following are the mathematical procedures used to determine area and mass removed.

Converting to mass flow per time:

$$y = -\left(115.99X\frac{\mu g}{m^3} + 1046.2\frac{\mu g}{m^3}\right)\left(18.52m^3/\min\right)\left(60\min/hr\right)$$

where y initially equals mass/volume and converts to mass/time.

$$y = -\left(128888X + 1162537\right)\left(\frac{\mu g}{hr}\right)$$

Integration over time determines micrograms of Halon 1211 through the SVE exhaust system.

$$\int_{123}^{60}(-132112.6t + 1191622)dt$$

$$= \left[\left(132112.61\frac{t^2}{2} + 1191622t\right)\left(\frac{\mu g}{hr}\right)\right]_{123}^{60} = 685.9\text{x}10^6\ \mu\text{g Halon 1211}$$

$$6.9x10^8\ \mu gHalon1211\left(\frac{1gram}{10^6\ \mu g}\right)\left(\frac{1lb}{454g}\right) = 1.51\text{ lbs Halon 1211}$$

Analysis of the available Zone II Port IV SVE exhaust data shows a recovery of almost 4 lbs of Halon 1211. Halon 1211 recovered in the first 2:45 (2.36lbs) plus that recovered in the last recorded 63 hours (1.51 lbs) adds up to 3.87 lbs of recovered Halon 1211.

$$\left(\frac{3.9lbsHalon1211recovered}{10.3lbsHalon1211injected}\right) = 38\%\ \text{Tracer recovery}$$

A tracer gas recovery of approximately 38% in a system with no data for a 57-hour period represents a substantial capture of injected gas. Further analysis of recovered Halon 1211 tracer will continue in later sections.

8.2 Tracer Test II

Tracer Test II data was initially in the form of concentration Halon 1211 per unit time These data were then converted to micrograms per unit flowrate as the next step. In preparation for mass analysis, the Tracer Test II data was then multiplied by the calculated flowrate of 18.5 m^3/min to transform the data into mass quantity of Halon 1211 per time, these data are plotted in Figure 46.

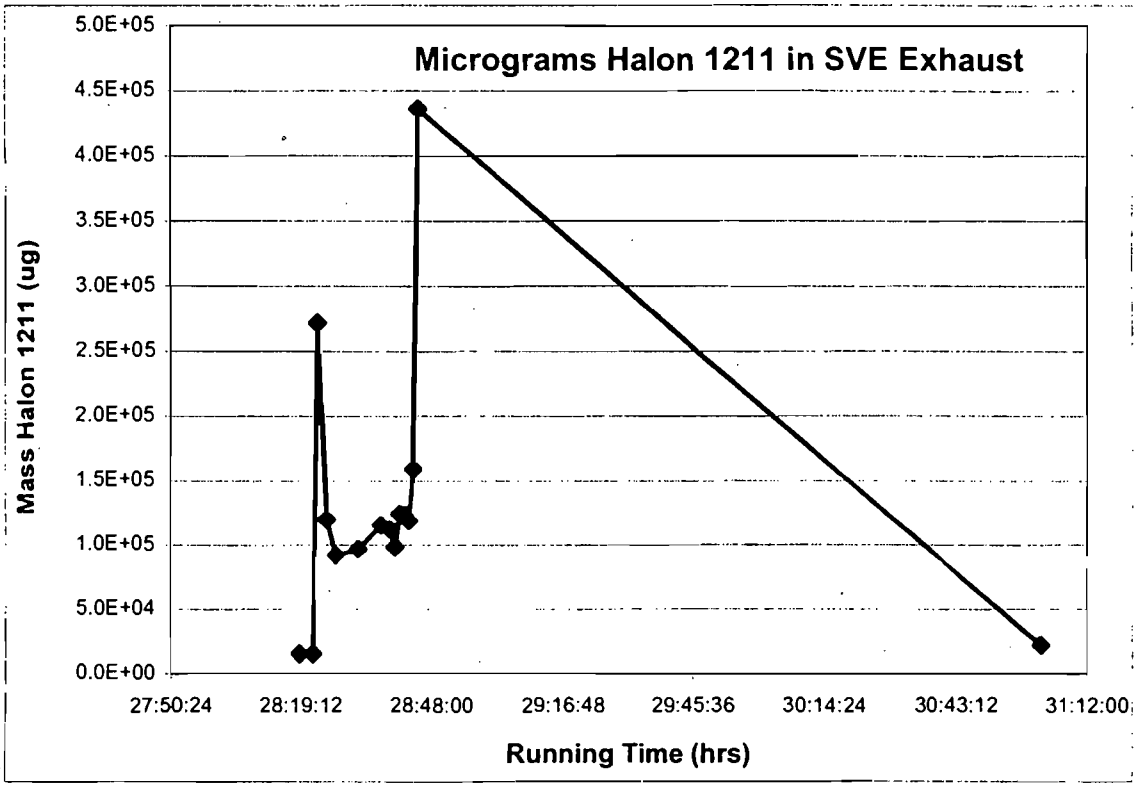


Figure 46. Mass Halon 1211 Present in the SVE System Exhaust.

The initial peak or concentration spike in Figure 46 is believed to be quality data that should be included in any Tracer Test II analysis. The data point at the apex of the spike is actually Sample #1 taken from Tracer Test II; the next two data points represent Samples #3 and #5 respectively. Data points from Samples #2 and #4 are missing due to errors previously mentioned.

The initial spike is included because it likely represents what is physically occurring between the AS and SVE systems at AS well AS-N18. It is thought that both EW-N7 and EW-N8 exhibit a strong flow influence in this area, since AS-N18 is located directly between these wells. Well EW-N8 is much closer to AS-N18 (30 feet vs. 56 feet), yet only provides about 90% of EW-N7's volumetric flow. A small portion of the injected tracer was probably drawn through the soil to one of the two wells, while the majority was being drawn through to the well exerting a greater flow influence in the AS-N18 area. This may explain the twin spikes on the data plot in Figure 46.[13]

The actual shape of the plot is not certain. The highest concentration data point, the one found at the apex of the second spike, is actually Sample # 23 from the second tracer test. This is the last bag sample taken during the second tracer test. These data could represent the peak concentration from the second tracer test, or it could be a concentration level partway up an increasing concentration curve.

The last data point on the plot is simply the first data point provided via the Sentex GC system when it was placed in trap-mode after analyzing Tracer Test II sample bags. The linear relationship between these last two points is a simplification to estimate a mass balance.

Utilizing curve-fitting software (Table Curve 2D Version 4.0), it was impossible to find an equation that had an acceptable fit, a high R^2 value, and appeared to physically represent the Figure 46 data. Without a "fit-able" curve, there was no equation available to integrate that would provide mass removal analysis.

An additional plot was therefore manufactured that still maintained the integrity of the data, yet broke the plot into simple geometric shapes. This was carried out by selecting the data values that appeared to geometrically define the Tracer Test II data. Concentration values were then imported to MS Excel and plotted, the results follow in Figure 47.

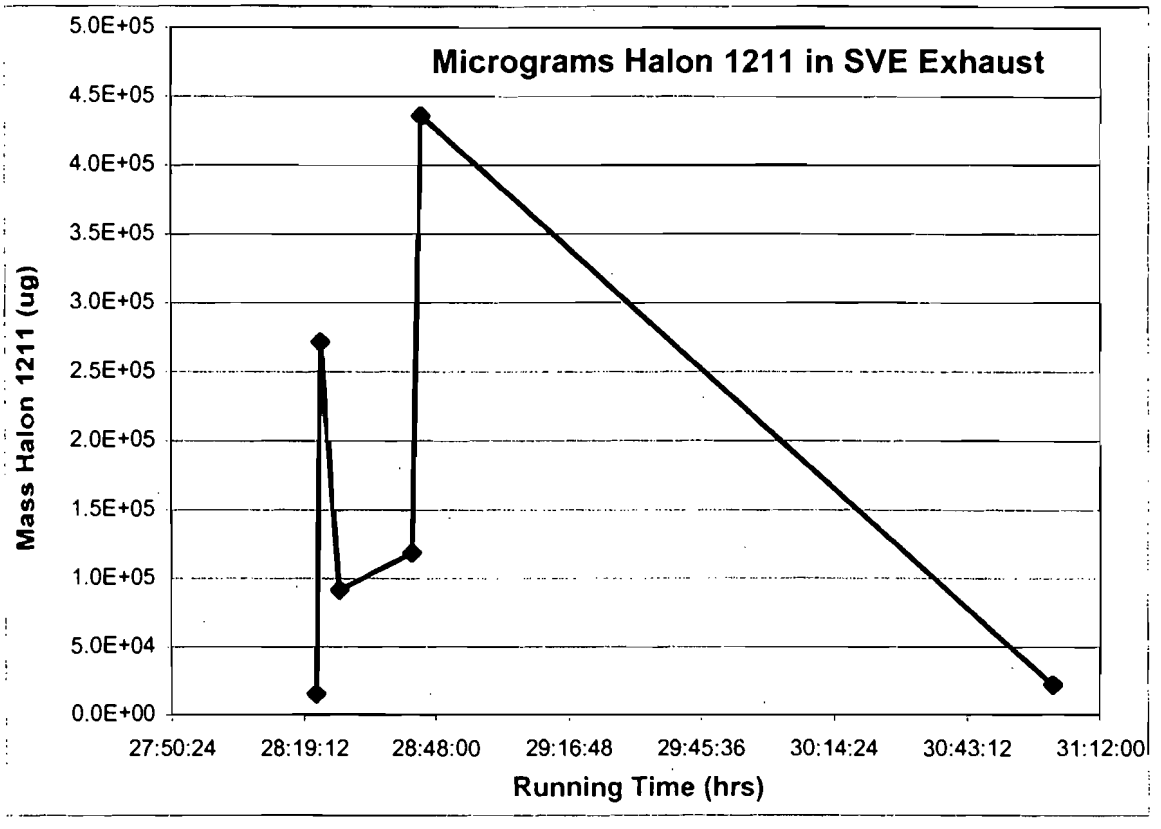


Figure 47. Simplified Plot of Mass Halon 1211 Present in the SVE System Exhaust.

This simplified version of Tracer Test II data was then analyzed using numerical integration methods. Integrating Tracer Test II data produced a total of 35.7×10^6 μg Halon 1211 through the SVE system.

$$\left(35.7\times10^6\,\mu g Halon 1211\right)\left(\frac{1 gram}{10^6\,\mu g}\right)\left(\frac{1 lb}{454 gram}\right)=0.07 lbs\ \text{Halon1211}$$

Conversion to ounces provides a better feel for Tracer Test II results:

$$\left(0.07 lbs\right)\left(\frac{16 oz}{1 lb}\right)=1.26 oz$$

Five and ½ ounces of tracer were injected in Tracer Test II. The SVE exhaust captured 1.3 ounces of Halon 1211, which represents a capture of 23% of the tracer injected.

8.3 Groundwater Pump & Treat Air Stripper System

A simple mass flow-through analysis was performed to identify potential tracer mass removed by the GWP&T air-stripper. This analysis assumed standard temperature and pressure in the exhaust, and assumed Halon 1211 concentration to be the average concentration of the GWP&T data points. The following procedures were used to estimate Halon 1211 mass lost through the GWP&T system during Tracer Test I.

Samples GWP&T #1 and GWP&T #2 were taken at 26:12:00 and 26:14:00, therefore duration for this analysis was set for 26 ¼ hours. Average concentration was set at 0.8 ppm Halon 1211. Using the conversion methods shown in Appendix D, ppm concentration of Halon 1211 was converted to μg Halon 1211 per cubic meter exhaust flow.[25]

$$\left(6{,}736\frac{\mu g/m^3}{ppmHalon}\right)\times(0.8\,ppmHalon)=5400\,\mu g/m^3\,exhaust$$

The exhaust escape velocity from the air-stripping system was measured and a volumetric flow rate of the GWP&T exhaust was determined to be 1,500 ft^3/min.[12]

$$\left(1{,}500\,ft^3/\text{min}\right)\left(0.0283\,m^3/ft^3\right)=42.5\,m^3/\text{min}$$

$$\left(42.5\,m^3/\text{min}\right)(26.25\,hr)\left(60\,\text{min}/hr\right)=66860\,m^3$$

This analysis determines that over sixty-six thousand cubic meters of air passed through the exhaust in 26 ¼ hours. Multiplying by Halon 1211 concentration provided an estimate of tracer gas through the system.

$$66860\,m^3\left(5400\,\mu g/m^3\right)\left(1g/10^6\,\mu g\right)\left(1oz/28.35g\right)\left(1lb/16oz\right)=0.8\,lbs\,Halon\,1211$$

A little less than one pound of tracer gas would have passed through the GWP&T air-stripper exhaust assuming the concentration in the effluent gas remained constant for this 26 ¼ hour period of testing.

The following analysis was performed to estimate the concentration of Halon 1211 that was treated through the groundwater pump & treat air-stripper influent.

Estimated Halon 1211 through air-stripper exhaust: 0.8 lbs

Groundwater through system in 26 ¼ hours:

$$\left(100 gallon/\min\right)\left(60 \min/hr\right)\left(26\tfrac{1}{4} hrs\right) = 157{,}500 \text{ gallons}$$

$$\left(157{,}500 gallons\right)\left(3.78 liter/gallon\right) = 595{,}350 \text{ liters}$$

Air-stripper influent concentration:

$$\left(0.8 lbs Halon 1211/26\tfrac{1}{4} hrs\right)\left(454 gram/lb\right)\left(1000 mg/g\right)\left(26\tfrac{1}{4} hrs/595{,}350 liter\right) =$$

$$\left(\frac{363200 mg Halon 1211}{595{,}350 liters GW}\right) = 0.6 mg/L$$ Halon 1211 in the GWP&T air-stripper influent.

Assuming a 100 % efficient air-stripping system a solubility of 0.6 mg/L is just a small fraction of the published solubility value of 277 mg/L for Halon 1211 at 25°C.[16]

$$\left(\frac{0.6\, mg/L}{277\, mg/L}\right)(100\%) = 0.2\% \text{ of the published solubility}$$

A more realistic approach using a 75% efficient air-stripping system had little effect on the estimated concentration and its comparison to published Halon 1211 solubility.

$$\left(\frac{0.6\,{}^{mg}/_{L}}{0.75\eta}\right) = 0.8\,{}^{mg}/_{L} \qquad \left(\frac{0.8\,{}^{mg}/_{L}}{277\,{}^{mg}/_{L}}\right)(100\%) = 0.3\% \text{ of the published solubility.}$$

Such a low concentration figure lends some credibility to the GWP&T air-stripper tracer sink calculations as it is within the range expected in a dynamic system, although no actual influent GW concentration can be determined in this manner. If the air-stripper influent concentration had approached or equaled the reported Halon 1211 solubility, the influent GW concentration would have been considered suspect for a dynamic system. This would thereby negate the GWP&T flow through analysis and mass loss estimate.[9]

8.4 Perimeter Wells

Analysis of migration well data begins with the recreation of the combined data plot that utilizes an average time of sampling for each individual well sample.

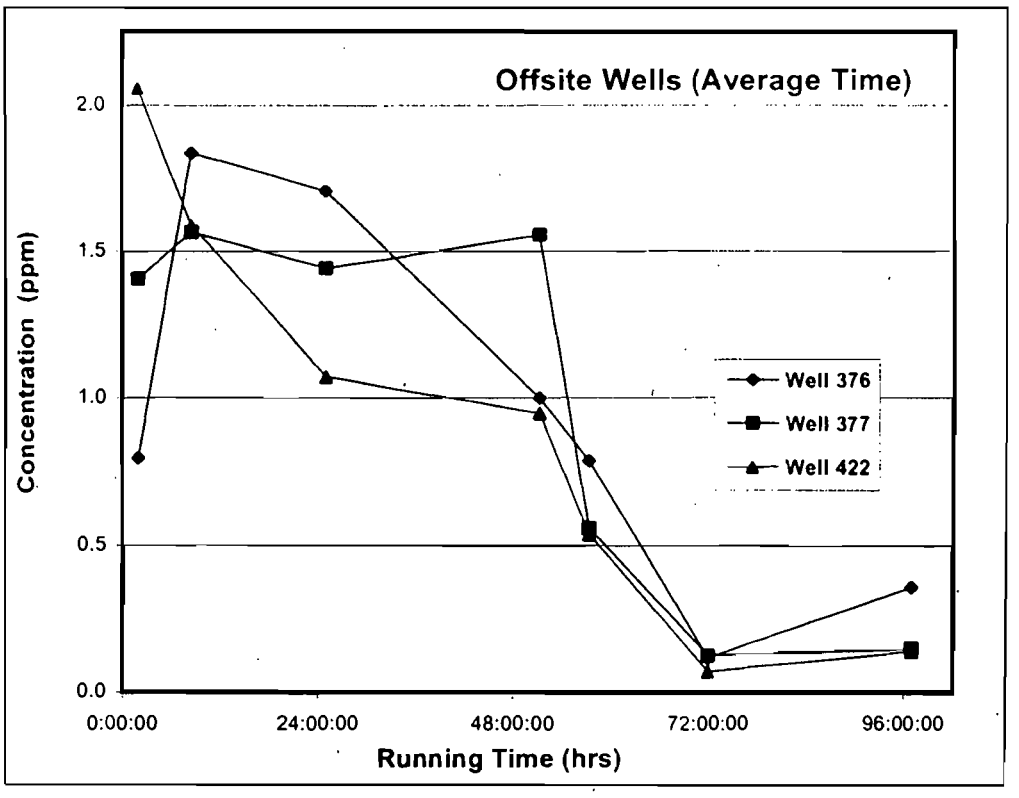


Figure 48. Halon 1211 Concentration Found in Perimeter Wells.

Examining the data generated from perimeter well testing found in Figure 48 shows all three wells display extremely similar concentration profiles, with concentrations virtually identical from the samples taken at t = 57:00:00 through the end of sampling. It appears from Figure 48 that at 51 hours, the underground mass or pulse of Halon 1211 was nearly completely removed from the system. Apparently some flow regime exists in the OU-1 vadose zone, likely driven by the air-sparging system.

Flow primarily follows an east to west pattern, at least on the western side of the AS well bank. A minimum velocity was calculated by examining initial tracer arrival time to each well and distances to the closest AS injection well; results are in Table 17.

Table 17. Halon 1211 Arrival Times and Estimated Velocities.

Migration Well Examined	Local AS Well (closest well)	Distance (ft) Scaled from fig.	Tracer Arrival Time (hrs)	Velocity (ft/hr)
376	AS-N16	206	2:30:00	82.4
377	AS-N16	227	2:47:00	81.6
422	AS-N21	73	1:34:00	46.6

These estimated minimum velocities are amazingly high. The 82-ft/hr velocity equals roughly 2500 cm/hr, which is 3 ½ times the highest velocity estimated in the ROI report.[13]

It is interesting to note that the two furthest wells display almost identical velocities which are almost twice that of the closest well. This is, of course, due to the method used and the actual sampling times being very close together. Realistically these velocities would be much higher since initial Halon 1211 arrival at each well was prior to the first migration well sampling run. The velocities represented in Table 17 might be due to some form of fracture flow or preferential flow path that has developed from long term operation of the air-sparging system.

There is no known flowrate associated with any of the tested migration wells. The initial Halon 1211 arrival and minimum travel velocity analysis from the previous section was used to estimate the amount of tracer gas that might have been lost via mass transfer out of the SVE zone of influence. To estimate this mass transfer, the first step was to define a system and associated boundaries.[9]

The system east and west boundaries were defined as the AS injection well bank and the line connecting wells 388, 376 & 377. The southern boundary is an east to west line from below well 377 to the intersection with the AS well banks boundary line. This line was chosen to more easily define the system area. The northern boundary is the line drawn by connecting wells 388, 422 and AS-N21. The system boundary is plotted on the Site map following in Figure 49.[5]

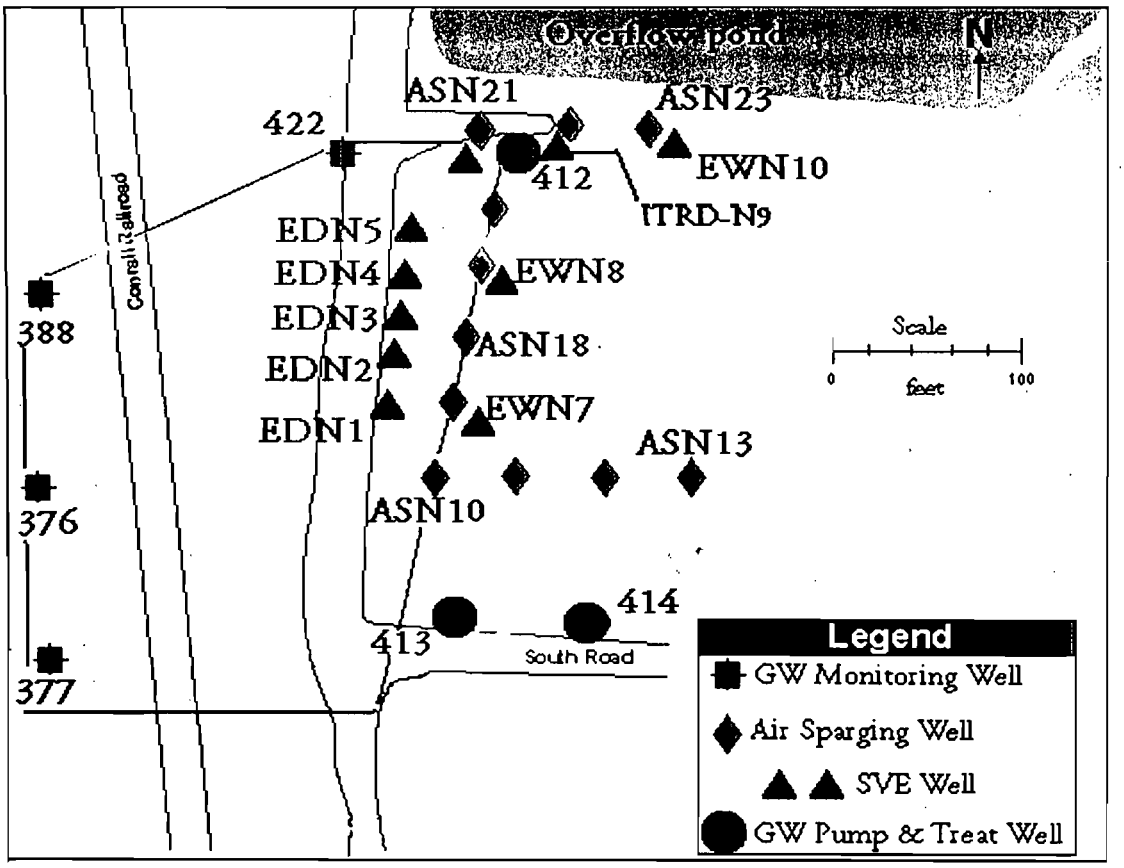


Figure 49. Site Map with Migration Loss Analysis System Boundary Superimposed.

Distances between wells were then plotted in MS Excel to generate a simple geometric plot and calculate the overall area. The results of dividing the area into simple geometric shapes are found in Figure 50.

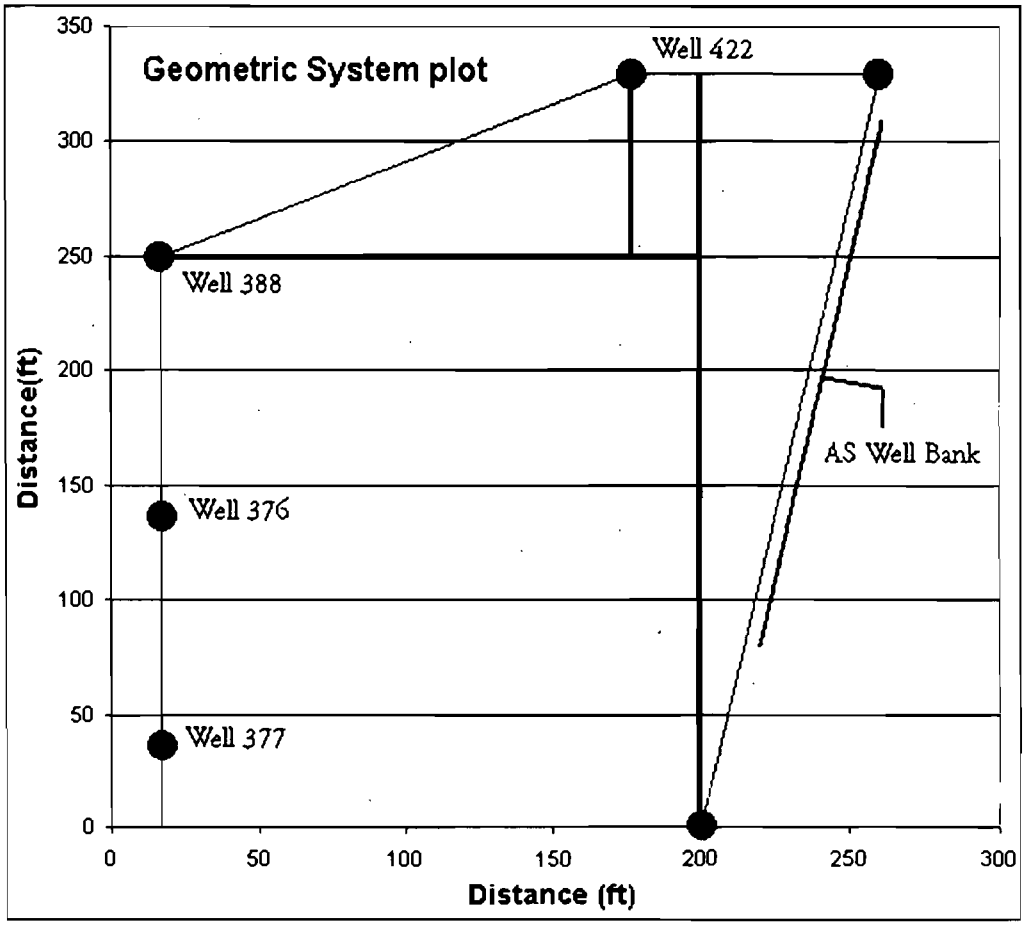


Figure 50. Breakdown of Simple Geometric Shapes used in the Tracer Migration Loss Analysis.

The area of the perimeter well flow-through analysis was calculated at 65,900 ft^2. Since the vapor migration or flow-through analysis encompasses a relatively large area and several wells, it would be difficult to justify the use of any single wells concentration profile, or any single concentration value, to represent the entire region. Considering the very similar concentration profiles found at all three wells and the minimal change in tracer concentration over the first 57 hours an average Halon 1211 concentration was used for this analysis.

To analyze the Halon 1211 mass present per foot depth, a mean regional concentration was determined by averaging all well concentrations. Since mathematics involved in the estimate include multiplying concentration by 10^6 factors, the second decimal in the average concentration has some significance and is included. Table 18 lists average sample times, concentrations and associated averages.

Table 18. Concentration Values used in Migration estimates.

	Well 376	Well 377	Well 422
Average Sample Time (hr:min)	Concentration (ppm)	Concentration (ppm)	Concentration (ppm)
2:00:00	0.792	1.403	2.058
8:30:00	1.837	1.564	1.586
25:00:00	1.706	1.440	1.070
51:15:00	0.998	1.555	0.947
57:15:00	0.785	0.558	0.537
average	1.2	1.3	1.24
Regional Average	1.26		

To create an analysis period, average well sampling times were utilized. The initial average sample time is 2:00 hrs and Halon 1211 concentration drop off is noted at t = 57:15. There were also two minor AS system shutdowns in this period totaling about 4 ¾ hours. The shutdown time and the initial 2 hrs, were then subtracted from the analysis time period of 57 ¼ hours for a Halon 1211 flow-through analysis period of 51 ½ hours. Analysis continued by assuming the minimum arrival velocity from earlier calculations remained constant throughout the first 57 ¼ hours of testing.

8.4.1 Flow-through Analysis

Average Halon 1211 Concentration 1.26 ppm

Mass per Unit Volume = $\left(6{,}736\,{}^{\mu g}/_{m^3} - ppm\right)(1.26\,ppm) = 8487\,{}^{\mu g}/_{m^3}$

Area Volume per foot Depth = $(65900\,ft^2)(1\,ft) = 65900\,ft^3\left({}^{1m^3}/_{35.3\,ft^3}\right) = 1870m^3$

Estimated Air Void Space (assumed ½ porosity) = 0.2

Void Volume of Area = $(0.2)(1870m^3) = 374m^3$

Mass Halon 1211 per Area I Volume/ft depth = $\left(8487\,{}^{\mu g}/_{m^3}\right)(374m^3) = 3.17\times10^6\,\mu g$

Minimum Velocity = 82 ft/hr = $82\,ft/hr(1m/3.28\,ft) = 25\,{}^{m}/_{hr}$

Area I Travel Distance (AS-N21 to Well 388) = 247 feet = 75m

Area Volume Flow-through Rate = $\left(\dfrac{75m}{25\,{}^{m}/_{hr}}\right) = 3hr$

The mass of Halon 1211 lost through Area I per foot depth is then calculated as:

$$\left(3.17\times10^6\,\mu g\right)\left(\frac{51hr}{3hr}\right) = 53.9\times10^6\,\mu g \text{ Halon 1211 per foot depth.}$$

A depth estimate to finish this procedure was calculated as the average depth to well screen between Wells 376 and 377. Stainless steel screening begins at 16' for well 376 and 17' for well 377 with the average at 16 ½'.

$$\left(53.9\times10^6\,{}^{\mu gHalon}/_{ft}\right)\left(16\tfrac{1}{2}\,ft\right) = 889\times10^6\,\mu gHalon1211$$

$$\left(889\times10^6\,\mu gHalon\right)\left({}^{1g}/_{10^6\,\mu g}\right)\left({}^{1oz}/_{28.35g}\right)\left({}^{1lb}/_{16oz}\right) = 2.0lbsHalon1211$$

Mass loss estimates determine that roughly 2.0 lbs Halon 1211 could have been lost through the western region due to offsite migration.

An additional analysis was performed for the time period between t = 57:00:00 and t = 96:00:00 following the same steps and using the same velocity and depth values as above. Average concentration used and calculation results are found in Table 19.

Table 19. Results from Second Migration Loss Analysis.

Average Concentration (ppm)	0.32
Mass Halon 1211	8.0 ounces (0.5 lbs)

To determine if these estimates accurately portray site sub-surface velocity or flow, some type of tortuosity factor, porosity value, or an intrinsic permeability was needed. The Mound OU-1 Radius of Influence Test Report previously referenced developed an intrinsic permeability of 1.87×10^{-7} cm^2 for SVE well EW-N7. This value was then compared to the permeability required to support migration loss estimates.

8.4.3 Associated Permeability

Darcy's law was utilized to calculate the intrinsic permeability from site data. Darcy's law was also used to estimate subsurface velocities from the changes in pneumatic head recorded in the ROI investigation, where:[13]

$$V = \frac{-k}{\mu}\left(\frac{\rho g \Delta h}{\Delta l}\right) \quad \text{or, rewriting} \quad -k = \left(\frac{V\mu}{\rho g}\right)\left(\frac{\Delta l}{\Delta h}\right)$$

where:

V = Darcy velocity (cm/sec)
k = intrinsic permeability (cm^2)
ρ = density of air (0.00582 g/cm^3)
g = acceleration due to gravity (980 cm/sec^2)
μ = viscosity of air (1.8E-4 g/cm-sec)
Δh = change in pneumatic head (ft of air)
Δl = change in distance (75ft)

To obtain an estimate for intrinsic permeability, the values of equation parameters, except the velocity and change in distance, were kept the same as found in the ROI report and also in the initial estimate portion of this paper. The fluid in question is air at approximately the same temperature as found in the ROI testing so viscosity and density values were considered the same.[13]

The change in pneumatic head (Δh), however, would be lower than that used in the ROI estimates due to the greater linear distance associated with this estimate. The ROI velocity estimates were based on pressure measurements taken 75 feet from well EW-N7, which was operating at 7" Hg vacuum. Additionally, ROI testing measured vacuum due to well EW-N7 (Δh) at various locations throughout OU-1. Values for these measurements are found in Table 6 in this report; a rough plot of several wells and their measured vacuums are shown in Figure 51. The center of Figure 51 is well EW-N7.

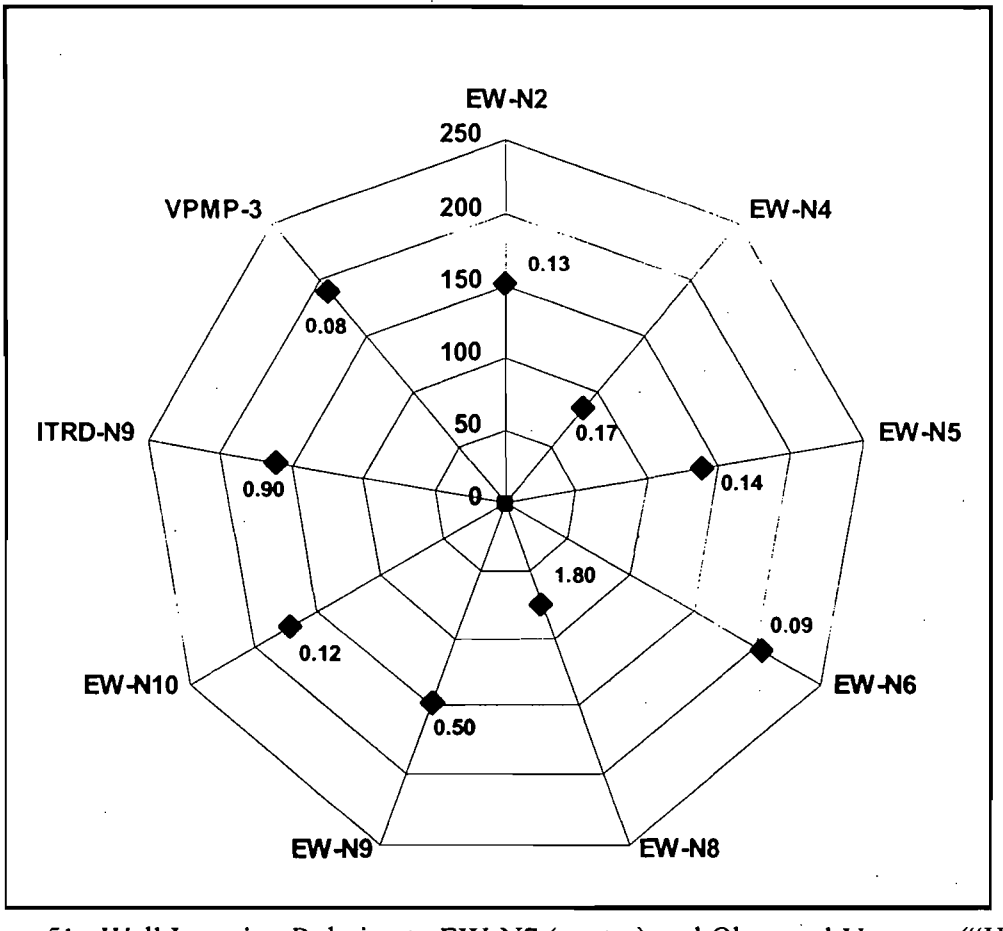


Figure 51. Well Location Relative to EW-N7 (center) and Observed Vacuum ("H_20)

Well locations in Figure 51 are represented by the blue diamonds, the observed vacuum in inches of water column ("H_20) is noted beside each diamond, and distance (ft) from EW-N7 is noted along the vertical axis.

Data from the ROI investigation used for Figure 51 are the only head change values available, therefore, the ROI observed value of 0.08 " H_2O at 200 feet was used in the intrinsic permeability estimate. This created a change in head value of 1336 feet-air that was used in the vapor migration / permeability calculations.[13]

The estimated intrinsic permeability is calculated as:

$$-K = \frac{\left(0.7\,{}^{cm}/_{sec}\right)\left(1.8\times10^{-4}\,{}^{g}/_{cm-sec}\right)\left(217\,ft\right)}{\left(0.00582\,{}^{g}/_{cm^3}\right)\left(980\,{}^{cm}/_{sec^2}\right)\left(1336\,ft\right)} = 3.6\times10^{-6}\,cm^2$$

This calculated value is roughly twenty times that estimated in the ROI report and corresponds to a soil comprised of clean sand and gravel as reported by Freeze and Cherry.[27]

This soil "description" is similar to that found in boring logs for wells in the test zone. Reproductions of several boring logs can be found in Appendix B. Permeability values fall in a range of those expected for site conditions, which in turn supports migration estimates.[3]

9.0 FINDINGS

9.1 Tracer Test I

9.1.1 Instrument Noise

As discussed previously in the Tracer Test I data manipulation section some equipment noise was associated with data produced by initial automatic sampling. Visual analysis of the Halon 1211 peak generated by the Scentograph "PLUS II" displayed what appeared as an unresolved peak in data up to the sample run at 2:45 into Tracer Test I.

A very simple geometrically based technique was used to estimate and remove the area associated with the interfering peak from the desired Halon 1211 data. These data were then converted from concentration per time to mass per unit volume and plotted to create a representation of system mass removal. Data manipulated in this way became the only data available from the first 60 hrs of Tracer Test I.

9.1.2 Limited Data

The GC signal analysis discussed above created a total of 11 data points from the beginning of Tracer Test I. The unresolved peak then became indistinguishable from the Halon 1211 peak and no further loop-mode Tracer Test I data were available. This represents a period of 25 testing hours with no acceptable data. The next available data for Tracer Test I is that produced by the GC after it was switched to automatic trap-mode after analyzing Tedlar bag samples from the second tracer test. A few data points were developed at 31 hours into testing. Manual bag analyses were performed throughout the day on the 21st; therefore, automatic trap-mode was not initiated until 60 hours into testing.

9.1.3 Estimated Percent Recovery

Although the data generated by the early stages of Tracer Test I are not of exceptional quality, they are the only data available to quantify tracer mass removal by the SVE system. The plot created with the mass per unit volume data was imported into TableCurve 2D V 4.0 and fit with an equation. The fit equation was integrated by the software package, producing an area which represents the tracer mass removed by the SVE exhaust in the first 2:45 of testing. This mass removal by the SVE system was calculated to be roughly 2.4 pounds of Halon 1211 in the first 2:45 of testing.[26]

A mass balance was also performed on the 63 hours of data available after the switch to trap-mode testing. These data were converted from concentration per time to mass per unit volume and plotted to create a representation of late test stage system mass removal. To provide a mass removal estimate, the data were simply fit with a linear equation and the resulting curve integrated. Tracer mass removed by the SVE system between t = 60-123 hours was calculated to be 1.51 pounds of Halon 1211.

The total quantifiable estimate of Halon 1211 removed during Tracer Test I by the SVE exhaust is 3.9 pounds. Since there are no data available from 3 hours into testing to 63 hours into testing, it is impossible to estimate any mass removal during this time period.

9.1.4 Comparison of Estimates

Initial estimates called for the Halon 1211 tracer to first arrive at the SVE exhaust manifold between 0:45-1:45 into testing. Concentration was expected to steadily increase, with more than one distinct peak expected due to varying SVE well flowrate and porosity associated with the soils at OU-1. Maximum concentration was expected to reach 3,000 ppm, with the majority of the tracer mass expected through the SVE system after 30 hours of testing. Tracer gas wasn't expected to reach any of the tested migration wells for a minimum of 27 hours.

Initial arrival estimates, which were initially considered accelerated, turned out to be under-estimated. A relatively high concentration of 41 ppm Halon 1211 was found in the first actual test sample taken at 15 minutes into testing. This under-estimate of tracer arrival time probably represents the single greatest flaw in the tracer test. A faster expected tracer arrival would have required changing the test plan to allow sampling to be initially conducted in less than 15 minute intervals. This would have required early stage Tedlar bag sampling which would have provided higher quality and more frequent early stage data.

Halon 1211 concentrations found in the early Tracer Test I data display multiple peaks as predicted by initial estimates. The recorded peaks, however, do not display the differences in magnitude expected and probably have limited physical meaning. Concentrations are at least 1.5 orders of magnitude below the maximum expected. This difference is considered to have limited effect on testing since loop-mode would have been required to analyze any concentration over 10 ppm.

With the large time span between data points there is no way of knowing when the major mass distribution of the tracer passed through the system. Tedlar bag samples taken during Tracer Test II and the rate of initial tracer arrival suggest that the majority of Halon 1211 was through the test system long before the initial 30 hour estimate.

Probably the single greatest surprise to the tracer test was the rapid arrival of Halon 1211 in the perimeter wells. Initial estimates, based on diffusion, showed the shortest possible arrival of tracer in one of the migration wells to be 27 hours. This estimate was based on the assumption that the SVE system, operating at 2 ½ times the flow of the AS system, would easily capture AS generated vapors and would not provide a driving force for tracer transport out of the test system. Tracer testing did not support this assumption.

9.2 Tracer Test II

9.2.1 Pneumatic Connection

The high pneumatic conductivity that was expected from the initial analysis of Tracer Test I was displayed by Tracer Test II. Results from the Tedlar bag testing of Port X show Halon 1211 traveled from AS-N18 and into the SVE exhaust manifold in the first minute of testing. Given the minimum travel distance between AS-N18 and the closest associated SVE withdrawal well EW-N8 was estimated at 30 feet, tracer arrival in the first minute of sampling describes an extremely well connected system.

This represents a minimum flow through velocity of 30 ft/ min, which equals 1800 ft /hr or approximately 55,000 cm /hr (15 cm /sec); this velocity is 150 times that predicted by the ROI report. While the extreme flow through velocity indicates a well-connected pneumatic system, this flow rate is probably the function of some fracture based or short-circuited flow.

A better feel for the subsurface connection found at OU-1 could be based on the second peak found in the plotted Tracer Test II data. Assuming the second peak was caused by uptake of Halon 1211 into EW-N7, which is approximately 50 feet from AS-N18, the tracer would have traveled 50 feet in roughly 11 minutes. This produced a more reasonable flow through velocity of 4 ½ ft /min, or 8300 cm / hr.

Utilizing the 2" H_2O vacuum observed at AS-N18 during ROI testing, intrinsic permeability was calculated using a modified version of Darcy's law. The calculated intrinsic permeability that is required to support this type of velocity is well within the range of clean sand and gravel mixes, which is consistent with site conditions.

Although this was just a single well injection, it is likely that Halon 1211 injected in Tracer Test I also arrived at the SVE exhaust manifold within the first minute or two of testing. Tracer Test II confirmed the idea that the AS/SVE systems are extremely well connected, at least in the region surrounding wells AS-N18, EW-N7 and EW-N8.

Tracer Test II also proves that initial tracer arrival time was under-estimated, which in turn generated the flawed test-sampling plan.

9.2.2 Competing SVE Wells

The two peaks displayed in the plot of Tracer Test II concentration data show that dynamic flow conditions exist in the area of AS-N18. The initial peak likely suggests that the closer of the two local SVE wells, EW-N8, is well connected pneumatically and exerts some influence on AS-N18. A far greater influence is probably exerted by EW-N7, although it is farther from the injection well. This conclusion can be drawn from the higher concentration displayed by the second peak farther into testing, which suggests greater mass removal by a more distal source.

9.2.3 Limited Data

As in the initial testing, Tracer Test II provided limited data. The greatest concern for the second test was the arrival of Halon 1211 in the SVE exhaust manifold and the resulting increase in concentration expected in the very early stages. With a limited number of Tedlar sampling bags available, samples that could have been collected in the latter stages of the second test were missed. It was assumed that the 5.5 ounces of Halon 1211 injected in the second test would pass through the system extremely rapidly, possibly in less than 10 minutes, so a 1-minute sampling frequency was adopted. In hindsight a 2 or 3-minute sampling frequency would have provided superior data for the Tracer Test II.

9.2.4 Estimated Percent Recovery

Since no data are available after t = 28:45 (0:23 into the second tracer test) until the data point at t = 31:02, the relationship between these two points was estimated to allow the calculation of a mass balance. With no accurate physical description of test system dynamics available, the only logical choice to connect these last two data points was a simple declining linear relationship. The only knowledge associated with the two points is that Halon 1211 concentration decreases in some way, therefore a declining linear

curve was considered an acceptable representation of the missing data. The area associated with the Tracer Test II mass recovered curve was determined by a simple geometrical analysis. Calculations determine an estimated Halon 1211 recovery to be 1.26 ounces or roughly 23% of the 5.5 ounces injected in Tracer Test II.

This mass balance is probably an underestimate of the tracer captured by the SVE exhaust in Tracer Test II. Initial stage tracer recovery in the first test was estimated at 24% in a test that utilized the entire system. The second test injected tracer in a single well in the test zone subject to the greatest SVE influence. Halon 1211 concentrations after t = 28:45, the peak concentration value of the second test, probably increase. Increasing Halon 1211 concentrations would lead to a greater area in the mass/time plot, which in turn represents more tracer mass recovered.

9.3 Groundwater Pump & Treat Air-sparging System

9.3.1 Tracer Sink

Due to the data similarity, and the inability to determine when the tracer reached the GWP&T air-stripping system, no definitive statement can be made concerning mass removal of Halon 1211 by this system during the tracer testing. The only realistic conclusion that can be drawn from the data produced by sampling the GWP&T air-stripper system exhaust is that the system was withdrawing Halon 1211 from the testing zone. Results from the three analyzed exhaust samples all show detection of Halon 1211, indicating Halon 1211 was present in the systems influent groundwater.

9.3.2 Limited Data

Data from GWP&T air-stripping exhaust represent two samples taken prior to Tracer Test II, and one sample taken during the second test. No data were collected in the earlier stages of Tracer Test I given the GWP&T system was not initially considered a tracer mass sink.

The differences found in the three data points are likely caused by fluctuations in the pumping system or the air-stripper itself. This reasoning caused GWP&T air-stripper mass removal estimates to be performed using averaged values.

9.3.3 Estimated Percent Recovery

Data available for a mass removal estimate through the GWP&T system prior to Tracer Test II are just two concentration values. Since the time span between the samples was just two minutes these concentrations were utilized to create one "average" value. The system was then assumed to be at some steady state, which is unlikely due to system dynamics, and a very speculative mass removal estimate was performed. The average time of sampling for the initial two GWP&T exhaust samples was 26:15 into testing resulting in a mass removal analysis of 26 ¼ hours. Mass removal calculations determined that roughly 0.8 pounds of Halon 1211 could have been removed by the GWP&T system in the first 26 ¼ hours of testing.

The Halon 1211 found in the GWP&T exhaust could, however, be the result of just a small amount of tracer being dissolved the groundwater. This could have then been drawn into one or more of the GWP&T pumping wells.

Another explanation for Halon 1211 being found in the GWP&T system would be a subsurface connection between an AS well and a GWP&T well. This scenario could have developed in the northern area of the site where GWP&T well 412 is less than 20 feet from well AS-N21. The Halon 1211 found in the GWP&T exhaust could simply be tracer that was pumped through well AS-N21.

The GWP&T mass removal estimate time frame is also questionable as there is no way of determining when the Halon 1211 actually reached the GWP&T system intake. With no data to support these ideas they are purely speculative.

9.4 Migration Wells

9.4.1 Velocity

Halon 1211 appeared in the wells tested for tracer migration far sooner than was expected. Since the AS system was operating at approximately 40 % of the SVE flowrate very limited tracer migration was expected. Rough transport estimates based on dispersion/diffusion had Halon 1211 arriving at the perimeter wells in approximately 30 hrs. Initial manual loop-mode GC testing of Tedlar bag samples taken from the migration wells showed no Halon 1211 concentration. As this was inline with expectations, sampling frequency was not altered to generate more data.

Halon 1211 concentration of over 2 ppm was found in the initial sample from well 422 when analyzed using manual trap-mode. This well is considerably closer to the AS injection "bank" than the other migration wells. One can only speculate if this reported value is the highest concentration of Halon 1211 that appeared at the 422 wellhead. It is also probable that Halon 1211 appeared at the well sooner than the time of the first sample.

An average tracer migration velocity was determined to be about 82 feet per hour. Well 422 was omitted from this estimate as tracer likely arrived at the well long before the first sample was taken 1:30 into testing. Even though the velocity estimate is conservative, it is believed including well 422 would make this estimate too conservative. Migration velocity, along with average well concentrations, was then used to estimate Halon 1211 mass lost through offsite migration.

9.4.2 Associated Permeability

Intrinsic permeability was calculated from average migration velocity using a modified version of Darcy's law to determine if test conditions were represented by known soil conditions. The calculations produced an intrinsic permeability of 3.6×10^{-6} cm^2, which is consistent with the clean sand and gravel mixes found throughout the site. With intrinsic

permeability in expected ranges, it is assumed that the migration loss estimates physically represent the flow/transport activity that occurred in the OU-1 subsurface under test conditions.

9.4.3 Offsite Losses

Assuming a constant flow-through velocity a mass transport analysis was performed on data up to the sharp Halon 1211 concentration drop-off noted at 57:00 hours into testing. A total of 2.0 pounds of Halon 1211 were estimated transported through the test zone in the first 57 hours.

A second analysis, performed over the 39 hours from the sharp concentration drop-off noted at t = 57:00 to the last known complete sample run at t = 96:00, produced a Halon 1211 loss of just 0.5 pounds, or 8.0 ounces. A total combined migration mass transport loss of Halon 1211 through the examined test zone is calculated to be roughly 2.5 pounds.

This analysis focused on tracer transport from the AS well bank to the west utilizing the only available data. The northwestern boundary was chosen arbitrarily and could have been extended to the north. The southern boundary was simply set at a well south of well 377 with known position to facilitate the creation of a Cartesian locating coordinate system and create simple geometric shapes. Both the liners, for the overflow pond and sanitary landfill, were assumed "no-flow" boundaries and transport barriers to the North and East of the examined area.

Although limited, there is also some vadose zone present in the north and east where Halon 1211 was probably lost due to the radial nature of AS well flow. It is also likely that some non-quantified mass of tracer was lost to the south and northwest of the examined system boundaries. It is impossible to estimate the additional mass that might have been lost through these zones or boundaries, as there is no available concentration data.

Assuming the mass of Halon 1211 estimated to have migrated out of the test zone is accurate, up to 30% of any AS-generated vapors could migrate away from the SVE collection zone. Although the AS system is producing just 40% of the SVE system intake flow, the system is clearly driving vapor out of the SVE capture zone. The OU-1 air-sparging system could be further analyzed to determine what operating flowrate might prevent offsite vapor migration.

9.4.4 Comparison to Estimates

Initial Halon 1211 arrival to the SVE intake manifold was underestimated. Distances between wells were scaled from site maps and probably did not significantly impact estimates. Tortuosity modified arrival times were not used in initial arrival calculations, removing any error associated with porosity or water content estimates. Minimum arrival time estimates that were considered unrealistically fast prior to the tracer tests were an order of magnitude slow.

Apparent Darcy velocity estimated in the ROI report in Figure 2 and reproduced in this report displays an asymptotic curve for linear distance less than 50 feet. Maximum velocity in that figure is shown as 700 cm/ hr and apparently is far too slow for AS wells closer than 50 feet to an associated SVE well. A linear extrapolation of that curve using the two available data points projected a velocity of 900 cm/hr, which is still an order of magnitude slower that that displayed during testing. Given the data available prior to tracer testing, the initial Halon 1211 arrival time shown during testing could not have been projected.[13]

Tracer arrival at perimeter wells was also grossly underestimated. With the AS system operating at just 40 % of the SVE system, and the suspected high connectivity between the AS/SVE systems, offsite migration rate was based on diffusion and considered limited. Tracer arrived at perimeter wells 30 times faster than the absolute minimum projected arrival time. After analyzing migration well data, it is obvious that the AS

system is the driving force behind offsite vapor migration and tracer arrival estimates should not have been based on diffusion.

Maximum SVE intake manifold Halon 1211 concentration was overestimated by roughly two orders of magnitude. Estimates were based on a small percentage of SVE intake flow being pure Halon 1211, while the system ran at a steady-state condition. A preliminary concentration estimate was necessary to chose the required sampling mode for the Sentex Scentograph "PLUS II" GC. A concentration estimate of 5 ppm or below would indicate the use of trap-mode, above 5 ppm would indicate loop-mode.

Since initial concentrations were 41ppm and higher, and well above the 5 ppm decision tool, the overestimate of maximum concentration had no effect on the sampling plan or data collection.

9.5 Summary

Some data generated by Tracer Tests I & II was of poor quality, and a large amount of the data required various manipulations to present it in a usable form.

The mass calculations presented are believed to be representative of the test system during the May 1999 tracer testing. However, it is not possible to account for the majority of the tracer added to the system in Tracer Test II. It is believed that, if a greater number of Tedlar bags were available, and more samples had been taken, a mass balance displaying greater recovery of tracer would have been possible. This is purely conjecture and can not be proved nor disproved without further testing.

Data from Tracer Test II provided some answers to questions that arose from the initial test. The AS/SVE systems are extremely well connected, at least in the vicinity of AS-N18. It is also very likely that a large mass of the Halon 1211 injected during the first tracer test traveled through the system in less than ½ hour.

A breakdown and summation of Halon 1211 mass accounted for during the entire test period can be found in Table 20.

Table 20. Results of Halon 1211 Mass Transport, Recovery, and Loss Estimates.

Associated Analysis	Mass of Halon 1211	Method Basis
Preliminary Tracer Test I (first 2:45 of testing)	2.36 pounds	Mass Balance
Late stage Tracer Test I (last 63 hours of data)	1.51 pounds	Mass Balance
Tracer Test II (Tedlar bag samples)	0.07 pounds (1.26 ounces)	Mass Balance
GW P&T System (3 Exhaust samples)	0.8 pounds	Estimated Flow-through Analysis
Migration Losses (first 57 hours of data)	2.0 pounds	Mass Balance W/ Estimated Flowrate
Migration Losses (last 39 hours of data)	0.5 pounds (8 ounces)	Mass Balance W/ Estimated Flowrate
Mass Total	7.2 pounds	
Total Tracer Mass Injected	10.34 pounds	
% Accounted for	70	

Mass balances and transport estimates combine to account for approximately 70 % of the Halon 1211 injected during the May 1999 tracer testing. Although several of the estimates are based on very limited data and speculation, it is believed that the analyses represent the transport phenomena that occurred at the test zone.

10 CONCLUSIONS

Much of the work associated with the May 1999 Mound OU-1 Tracer tests and data analysis is speculative. This research, however, was able to provide answers to the two primary questions concerning this testing; 1) What type of pneumatic connection exists between the AS and SVE systems and 2) Was the AS system promoting offsite migration of system generated vapors?

10.1 Pneumatic Connection

Tracer testing conducted at Mound OU-1 clearly displayed a strong subsurface pneumatic connection between air injected through the AS system and that withdrawn through the SVE exhaust. This connection is so prominent that tracer gas appeared in the first sample taken during Tracer Test I, which was quite unexpected based on initial tracer transport estimates. Tracer arrival in the first 15 minutes of sampling describes a well-connected system. The 15-minute sampling frequency followed in Tracer Test I prevented an accurate Halon 1211 arrival time at the SVE intake manifold from being determined.

Tracer Test II provided more accurate tracer arrival information by implementing a 1-minute sampling frequency. Again, Halon 1211 appeared in the first test sample, but the shorter sampling period identified the tracer gas arrival within the first minute of sampling. Ignoring what is likely to be short-circuited flow, apparent velocity calculated from Tracer Test II was approximately 8300 cm/hr or 2.3 cm/sec, which is supported by a 10^{-6} cm^2 intrinsic permeability and is consistent with known site conditions. Results from both tracer tests indicate that air-sparging injected air is very rapidly migrating to SVE uptake wells, indicating a prominent subsurface pneumatic connection.

10.2 Offsite Migration

Testing of monitoring wells 376, 377 and 422 showed that AS-generated vapors could rapidly migrate across OU-1 Area B. This was displayed by the Halon 1211 detection in all three wells in the first series of tracer migration testing. Tracer detection this early was very unexpected given that initial estimates projected tracer arrival at approximately 27 hours into testing. Time to tracer arrival at the tested monitoring wells was an order of magnitude less than that projected by initial estimates.

Tracer migration velocities that were calculated from perimeter well data are probably conservative. Actual subsurface AS-generated migration velocity could be much higher since there were no data indicating actual initial tracer arrival at any of the monitoring wells. The Halon 1211 concentration curve for well 422 displays a maximum concentration value at the first data point. This indicated AS driven migration of the tracer was so rapid that initial arrival of Halon 1211 at well 422 was probably missed. The minimum apparent velocity calculated using averaged data from wells 376 and 377 is probably more representative of local AS driven vapor flow.

Test area/volume based mass transfer estimates utilizing perimeter well flow-through velocity account for roughly 2.5 pounds of Halon 1211. Some additional Halon 1211 mass, not accounted for in the migration estimates, would have also migrated away from the SVE capture zone. Data generated through perimeter well testing shows that between 20-30% of AS generated vapors could be rapidly migrating out of the SVE capture zone. This transport is likely the result of dispersive movement resulting from the advective flow generated by the AS system.

10.3 Lessons Learned

Gas tracer testing at Mound OU-1 produced enough quality data to answer questions about the operation and interaction between the AS and SVE well fields there. Several minor problems developed during testing that caused test delays and the loss of data. These problems, and suggested solutions, are discussed here to provide insight for future gas tracer projects.

10.3.1 Tracer Compatibility

During the initial stages of Tracer Test I an unresolved peak interfered with the Halon 1211 peak in loop-mode chromatograms. This interference was likely caused by the co-elution of some other compound with Halon 1211 and caused the corruption of a large amount of data. While halon 1211 repeatedly passed GC compatibility analysis prior to tracer testing, the compound did not behave as expected under actual test conditions. Tracer compatibility testing that completely and accurately recreates test conditions should have been implemented prior to actual testing. For future testing this will prevent the loss of data due to tracer compatibility problems.

10.3.2 Two Dimensional Flow Model

The methods utilized to estimate vapor flow between the ASD and SVE systems at OU-1 did not accurately portray the interaction between the systems. Radius-of-influence testing performed prior to the tracer tests did not provide a complete model of AS to SVE vapor flow. Incomplete modeling of the system and low estimates of vapor velocities led to over-estimate of travel time and a poorly developed sampling plan. Development of a two-dimensional vapor flow model would have provided more insight and a better perspective of system subsurface vapor flow. Developing a two-dimensional vapor flow model in future testing will provide the background for a more accurate sampling plan and prevent the loss of data.

10.3.3 Multiple Tracer Tests

Two tracer tests were conducted at Mound OU-1. The second smaller-scale test was implemented to address unforeseen problems and conditions that arose during the primary tracer test. Unexpected behavior by the gas tracer, the GC and between the AS/SVE systems during the first tracer test caused the loss of a large amount of data. A preliminary small-scale test conducted prior to primary testing would have identified unexpected system behavior. Preliminary test data would have helped develop a better system flow model, while ensuing changes in the sampling plan would have prevented the loss of data.

Vapor phase tracer test projects should always incorporate multiple tracer tests. Small scale preliminary testing should be performed to enhance knowledge of system behavior, as it is impossible to detect unexpected behavior without testing. Incorporating several tracer tests into a test plan will lead the development of more accurate system models and sampling plans and prevent the loss or corruption of valuable data.

10.4 Summary

A very prominent pneumatic connection exits between the Air-sparge and Soil vapor extraction systems in use at Mound OU-1. Tracer testing results displayed recovery of AS injected tracer by the SVE system much faster than had been predicted by previous site ROI testing. The unexpected results were likely due to some form of fracture or preferential flow. Similar results were reported by Clayton et al in pulsed Air-sparging experiments in 1994.

Although the Mound OU-1 AS/SVE well fields are clearly connected, the SVE system does not prevent the offsite migration of AS generated vapors. The AS system, operating under tested conditions, is providing a mechanism to transport vapor away from the SVE capture zone. Additional testing and analysis should be performed to determine what system flowrates would provide adequate treatment yet prevent migration of contaminants.

LIST OF APPENDICES

Appendix A	Weston Geotechnical Sample Results
Appendix B	Typical Drilling Logs
Appendix C	Interstitial Velocity Estimates Data
Appendix D	Concentration Conversion (ppm to $\mu g/m^3$)

Appendix A
Weston Geotechnical Sample Results

Table C.7. Geotechnical Test Results for WESTON Additional-Work-Stage Well and Piezometer Borings.

Monitoring Well/ Piezometer ID	Sample ID	Depth (ft)	Visual Lithology	Moisture Content (%)	Specific Gravity	Particle Size (%)					Atterberg Limits			USCS Classification	Loss on Ignition (%)	Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Porosity (%)	Hydraulic Conductivity (cm/sec)
						Cobble	Gravel	Sand	Silt	Clay	Liquid Limit	Plastic Limit	Plasticity Index						
0370	0021	20.0-22.0	Fill Material	25.1	2.69	0	0	6	47	47	—	—	—	CL-ML (w)	3.1	125.4	100.2	40.3	6.1×10^{-6}
0370	0026	25.0-27.0	Fill Material	30.3	2.76	0	14	37	28	21	—	—	—	SC-SM (w)	1.7	121.2	93.1	45.9	—
0370	0041	40.0-42.0	Glacio-fluvial Outwash	—	—	8	76	16	0	0	—	—	—	GW (l)	0.7	—	—	—	—
0372	0003	2.0-3.0	Fill Material	9.3	2.74	0	12	35	30	23	—	—	—	SC-SM (w)	1.2	146.2	133.7	22.0	—
0372	0036	35.0-37.0	Fill Material	11.7	2.77	0	10	33	31	26	—	—	—	SC-SM (w)	1.9	144.1	129.0	25.4	—
0372	0046	45.0-47.0	Glacial Till	10.4	2.75	0	9	41	29	21	17	11	6	CL-ML (a)	1.6	148.5	134.4	21.8	1.0×10^{-6}
0372	0052	51.0-53.0	Bedrock (Shale/ Limestone)	1.2	2.73	—	—	—	—	—	—	—	—	—	0.5	163.6	161.7	5.3	—
0372	0057	56.0-58.0	Bedrock (Shale)	5.6	2.80	—	—	—	—	—	—	—	—	—	1.1	155.5	147.3	15.8	—
0373	0001	0.0-1.0	Fill Material	7.8	2.74	0	22	30	26	22	21	13	8	SC (a)	1.6	146.9	136.3	20.6	6.4×10^{-6}
0373	0031	30.0-31.0	Fill Material	11.8	2.74	0	10	56	18	16	20	14	6	SC-SM (a)	1.0	145.9	130.4	23.7	1.1×10^{-7}
0373	0051	50.0-51.0	Glacial Till	11.2	2.75	0	16	47	21	16	18	13	5	SC-SM (a)	1.5	140.9	126.7	25.9	7.7×10^{-7}
0373	0055	54.0-55.0	Glacio-fluvial Outwash	7.9	2.77	0	54	30	8	8	24	17	7	GC-GM (a)	1.6	—	—	—	—
0374	0004	3.0-5.0	Fill Material	20.9	2.71	0	0	12	41	47	—	—	—	CL-ML (w)	2.9	128.6	106.4	37.2	—
0374	0009	8.0-10.0	Fill Material	17.6	2.69	0	8	62	10	20	37	16	21	SC (a)	1.9	124.0	105.4	37.0	9.1×10^{-6}
0374	0014	13.0-15.0	Glacio-fluvial Outwash	11.7	2.75	0	52	24	16	7	—	—	—	GM-GW (w)	1.5	137.6	123.3	26.4	1.1×10^{-4}
0375	0005	4.0-6.0	Fill Material	27.6	2.70	0	3	19	37	41	—	—	—	CL-ML (w)	3.9	117.9	92.3	45.2	—
0375	0007	6.0-7.5	Glacio-fluvial Outwash	22.2	2.78	0	46	27	16	9	—	—	—	GW-GM (w)	1.4	149.4	122.3	29.5	—
0375	0014	13.0-15.0	Glacio-fluvial Outwash	—	—	5	67	27	1	0	—	—	—	GW (l)	1.3	—	—	—	—

Table C.7. (page 2 of 3)

Monitoring Well/ Piezometer ID	Sample ID	Depth (ft)	Visual Lithology	Moisture Content (%)	Specific Gravity	Particle Sizes (%)					Atterberg Limits			USCS Classification	Loss on Ignition (%)	Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Porosity (%)	Hydraulic Conductivity (cm/sec)
						Cobble	Gravel	Sand	Silt	Clay	Liquid Limit	Plastic Limit	Plasticity Index						
0375	0024	23.0-25.0	Glacio-fluvial Outwash	—	—	14	64	22	0	0	—	—	—	GW (f)	1.0	—	—	—	—
0375	0033	32.0-34.0	Glacial Till	9.2	2.75	6	35	18	16	25	—	—	—	GC (w)	2.2	143.8	131.7	23.3	—
0379	0010	9.0-11.0	Glacial Till	9.4	2.75	0	12	37	30	21	19	12	7	CL-ML (a)	1.6	148.7	136.9	20.8	1.2×10^{-6}
0379	0022	21.0-23.0	Glacial Till	10.5	2.72	0	11	36	30	23	—	—	—	SC-SM (w)	1.6	150.5	136.2	19.6	—
0380	0031	30.0-32.0	Glacial Till	8.0	2.73	0	13	34	26	25	20	12	8	CL (a)	1.1	151.0	139.6	18.0	—
0381	0004	3.0-4.0	Glacial Till	10.9	2.72	0	9	41	29	21	—	—	—	SC-SM (w)	1.7	146.5	132.1	22.2	—
0381	0027	26.0-27.0	Bedrock (Shale/Limestone)	3.7	2.76	—	—	—	—	—	—	—	—	—	1.1	161.3	155.5	10.4	—
0382	0002	0.0-2.0	Fill Material	13.4	2.73	0	18	31	27	24	—	—	—	SC-SM (w)	2.3	136.6	120.6	29.2	—
0382	0017	16.0-17.0	Glacial Till	9.2	2.75	0	14	41	26	19	—	—	—	SC-SM (w)	1.2	147.3	134.9	26.0	—
0382	0023	22.0-23.0	Bedrock (Shale)	7.1	2.75	0	0	34	39	27	—	—	—	CL-ML (w)	1.0	153.4	143.2	18.6	—
0393	0048	47.0-48.0	Bedrock (Shale/Limestone)	4.8	2.79	—	—	—	—	—	—	—	—	—	0.7	162.0	154.5	11.3	1.2×10^{-6}
0397	0004	3.0-5.0	Fill Material	18.5	2.63	0	6	11	42	41	54	17	37	CH (e)	4.3	131.9	111.3	32.2	5.7×10^{-6}
0397	0009	8.0-10.0	Fill Material	10.1	2.69	0	2	77	14	7	—	—	—	SM (f)	0.8	127.1	115.4	30.2	4.4×10^{-4}
0397	0014	13.0-15.0	Glacial Till	10.2	2.74	0	11	38	29	22	21	14	7	CL-ML (e)	1.8	146.7	133.1	22.4	2.0×10^{-6}
0397	0021	20.0-22.0	Glacial Till	10.2	2.74	0	10	36	30	24	21	12	9	CL (a)	2.0	148.3	134.8	26.6	—
P008	0004	3.0-5.0	Glacio-fluvial Outwash	4.5	—	0	44	43	9	4	—	—	—	GM (f)	1.1	—	—	—	—
P008	0020	19.0-21.0	Glacio-fluvial Outwash	7.3	—	0	48	35	11	6	—	—	—	GM (f)	1.1	—	—	—	—
P008	0057	56.0-58.0	Bedrock (Shale)	12.9	2.75	0	20	23	25	32	36	17	19	CL (a)	2.1	130.3	115.4	32.6	2.1×10^{-7}
P009	0002	1.0-3.0	Fill Material	13.3	2.66	0	14	37	21	28	45	20	25	SC (e)	5.4	—	—	—	—
P009	0002	1.0-3.0	Fill Material	8.0	2.75	0	27	45	18	10	—	—	—	SM (f)	1.2	143.6	132.7	22.8	—

Table C.7. (page 3 of 3)

Monitoring Well/ Piezometer ID	Sample ID	Depth (ft)	Visual Lithology	Moisture Content (%)	Specific Gravity	Particle Sizes (%)					Atterberg Limits			USCS Classification	Loss on Ignition (%)	Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Porosity (%)	Hydraulic Conductivity (cm/sec)
						Cobble	Gravel	Sand	Silt	Clay	Liquid Limit	Plastic Limit	Plasticity Index						
P009	0002	1.0-3.0	Fill Material	21.5	2.59	0	15	31	26	28	46	23	23	OL (a)	7.1	118.1	97.1	39.9	—
P009	0023	22.0-24.0	Glacio-fluvial Outwash	Saturated	—	0	56	31	8	5	—	—	—	GM (l)	1.7	—	—	—	—
P009	0063	62.0-64.0	Alluvial Deposit	11.6	2.75	0	14	26	26	34	29	14	15	CL (a)	2.2	143.8	128.6	25.1	1.5×10^{-6}
P013	0012	11.0-13.0	Glacio-fluvial Outwash	6.4	—	0	56	29	8	7	—	—	—	GM (l)	1.3	—	—	—	—
P013	0050	49.0-51.0	Glacio-fluvial Outwash	Saturated	—	0	17	75	5	3	—	—	—	SW-SM (l)	1.3	—	—	—	—

Explanation

(a): Laboratory-derived USCS classification based on Atterberg limit/grain size curve values

(l): Laboratory designated USCS classification based on grain size curve values

(w): WESTON designated USCS classification based on grain size curve values

Weston Geotechnical Soil Sampling and Test Results Summary

Fill Material (15 samples collected between 0 and 37 ft BGS)
Moisture content: 7.8 to 30.3 percent
Specific gravity- 2.59 to 2.76
Lost on ignition: 0.8 to 7.1 percent
Wet unit weight: 1 1 7.9 to 146.9 lbs/cu ft
Dry unit weight: 92.3 to 136.3 lbs/cu ft
Porosity: 20.6 to 45.9 percent
Hydraulic conductivity: 5.7 x 1 O' to 4.4 x 1 01 cm/sec

Glacial THI (10 samples collected between 3 and 51 ft BGS)
Moisture content: 8.0 to 1 1.2 percent
Specific gravity: 2.72 to 2.75
Lost on ignition: 1.1 to 2.2 percent
Wet unit weight: 140.9 to 151.0 lbs/cu ft
Dry unit weight: 126.7 to 139.8 lbs/cu ft
Porosity: 18. 0 to 28.6 percent
Hydraulic conductivity: 1.0 x 101 to 7.7 x 10-1 cm/sac

Alluvial Material (1 sample collected between 62 and 64 ft BGS)

Moisture content: I 1.8 percent
Specific gravity: 2.75
Lost on ignition: 2.2 percent
Wet unit weight: 143.8 lbs/cu ft
Dry unit weight: 128.6 lbs/cu ft
Porosity: 25.1 percent
Hydraulic conductivity: 1.5 x 10-8 cm/sac

Glacio-fluvial outwash (11 samples collected between 3 and 55 ft BGS)

Moisture content: 4.5 to 22.2 percent (two samples were saturated)
Specific gravity: 2.75 to 2.78 (only two samples tested)
Lost on ignition: 0.7 to 1.7 percent
Wet unit weight: 137.6 to 149.4 lbs/cu ft (only two samples tested)
Dry unit weight: 122.3 to 123.3 lbs/cu ft (only two samples tested)
Porosity: 28.4 to 29.5 percent (only two samples tested)
Hydraulic conductivity: 1.1 x 10' cm/sec (only one sample tested)

Bedrock (6 samples collected between 22 and 58 ft BGS)
Moisture content: 1.2 to 12.9 percent
Specific gravity: 2.73 to 2.80
Lost on ignition: 0.5 to 2.1 percent
Wet unit weight: 130.3 to 163.6 lbs/cu ft
Dry unit weight: 115.4 to 161.7 lbs/cu ft

Appendix B
Typical Drilling Logs

GEOLOGIC LOG	MOUND PLANT	Project Manager William Little	PAGE: 1 of 2

Drilling Company	NORTH STAR DRILLING	Borehole/Well Id	0376
Drilling Method	ROTO SONIC	STATE PLANE COORDINATES	
Drilling Fluid	NONE	North (ft)	596696.75
Date Started	3/5/93	East (ft)	1494760.63
Date Completed	3/5/93	Ground Surface Elev. (ft)	698.42
Logged By	ERIC LARSEN	Top of Casing Elev. (ft)	700.12
Checked By	TOM THARP	Total Depth (ft)	25.2
Comments:	Monitoring well located along west access road, 10 ft. northwest of piezometer P008. Initial groundwater level was measured from piezometer P008.		

Depth	Sample T	Sample A	Sample ID	Well Materials	Well Con	Lith	USCS or Rock Type	Lithologic Description
0				Casing: Stainless steel, 4"			FL	0.0 to 0.7' - Road gravel. Fill.
							TS	0.7 to 1.5' - Dark yellowish brown (10YR 2/2) sandy silt, firm, organic, numerous roots, damp. Topsoil.
							FL	1.5 to 2.1' - Pale yellowish brown (10YR 6/2) silty gravel, loose, some fine to coarse grained sand, wet. Fill.
							SP	2.1 to 13.0' - Moderate to dark yellowish brown (10YR 5/4 to 4/2) gravelly sand, loose, 65% fine to very coarse grained sand, 30% fine to coarse gravel, trace silt, numerous small to large cobbles, damp, becoming very moist at 11.0'. Outwash.
5				Backfill: Cement and bentonite grout				
				Seal: Bentonite chips				
10				Filter Pack: 20/40 quartz sand				
							GP	13.0 to 21.7' - Moderate yellowish brown (10YR 5/4) sandy gravel, mostly loose, 60% fine to very coarse gravel, 25% medium to very coarse grained sand, 15% silt, numerous medium to very large cobbles, boulder at 14.4 to 14.8', patchy hematitic staining of grains, very moist to wet in places, saturated at 16.5'. Outwash.
15	O	GC	0016	Screen: Stainless steel, 4"				
20								

GROUNDWATER

DEPTH	HOUR	DATE
16.30	10:20	03/05/93
13.57		03/07/93

WESTON

GEOLOGIC LOG	MOUND PLANT	Project Manager William Little	PAGE: 2 of 2

Borehole/Well Id 0376

Depth	Sample T	Sample A	Sample ID	Well Materials	Well Con	Lith	USCS or Rock Type	Lithologic Description
20	O	GC	0021					
							GM	21.7 to 25.2' - Moderate yellowish brown (10YR 5/4) silty gravel, loose, 60% very fine to very coarse gravel, 30% silt, < 10% very fine to coarse grained sand, numerous medium to very large cobbles, saturated. Outwash.
25								Total Depth = 25.2'.
30								
35								
40								
45								

GROUNDWATER

DEPTH	HOUR	DATE
16.30	10:20	03/05/93
13.57		03/07/93

WESTON

GEOLOGIC LOG	MOUND PLANT	Project Manager William Little	PAGE: 1 of 2

Drilling Company	NORTH STAR DRILLING	Borehole/Well Id	0377
Drilling Method	ROTO SONIC	STATE PLANE COORDINATES	
Drilling Fluid	NONE	North (ft)	596522.25
Date Started	3/4/93	East (ft)	1494774.87
Date Completed	3/4/93	Ground Surface Elev. (ft)	697.63
Logged By	ERIC LARSEN	Top of Casing Elev. (ft)	699.25
Checked By	TOM THARP	Total Depth (ft)	25.0
Comments:	Monitoring well located on west access road, 7 ft. south of piezometer P009.		
	Initial groundwater level was measured from piezometer P009.		

Depth	Sample T	Sample A	Sample ID	Well Materials	Well Con	Lith	USCS or Rock Type	Lithologic Description
0				Casing: Stainless steel, 4"			FL	0.0 to 0.4' - Road gravel. Fill.
							TS	0.4 to 1.5' - Dark yellowish brown (10YR 2/2) sandy silt, firm, organic, numerous roots, damp. Topsoil.
							FL	1.5 to 2.4' - Moderate brown (5Y 3/4) sandy silt, numerous small to large cobbles. Fill.
				Backfill: Cement and bentonite grout			SP	2.4 to 12.0' - Dark yellowish brown (10YR 4/2) gravelly sand, loose, 60% fine to very coarse grained sand, 35% fine to very coarse gravel, < 5% silt in places, numerous small to large cobbles, damp. Outwash.
5								
				Seal: Bentonite chips				
10								
				Filter Pack: 20/40 quartz sand				
							SM-SP	12.0 to 15.0' - Pale to moderate yellowish brown (10YR 6/2 to 5/4) silty, gravelly sand, slightly soft to loose, 45 to 50% very fine to very coarse grained sand, 30 to 35% fine to coarse gravel, 20 to 25% silt, numerous small cobbles, silty zone at 13.0 to 13.4', boulder at 13.7 to 14.0', damp to moist. Outwash.
15							GP	15.0 to 25.0' - Moderate yellowish brown (10YR 5/4) sandy gravel, loose, 65% very fine to very coarse gravel, 30% fine to coarse grained sand, 5 - 10% cobbles, few boulders, saturated at 17.0'. Outwash.
	O	GC	0017	Screen: Stainless steel, 4"				
	O	GC	1017					
20								

GROUNDWATER

DEPTH	HOUR	DATE
17.15	09:40	03/04/93
13.49		03/06/93

WESTON

GEOLOGIC LOG	MOUND PLANT	Project Manager William Little	PAGE: 2 of 2

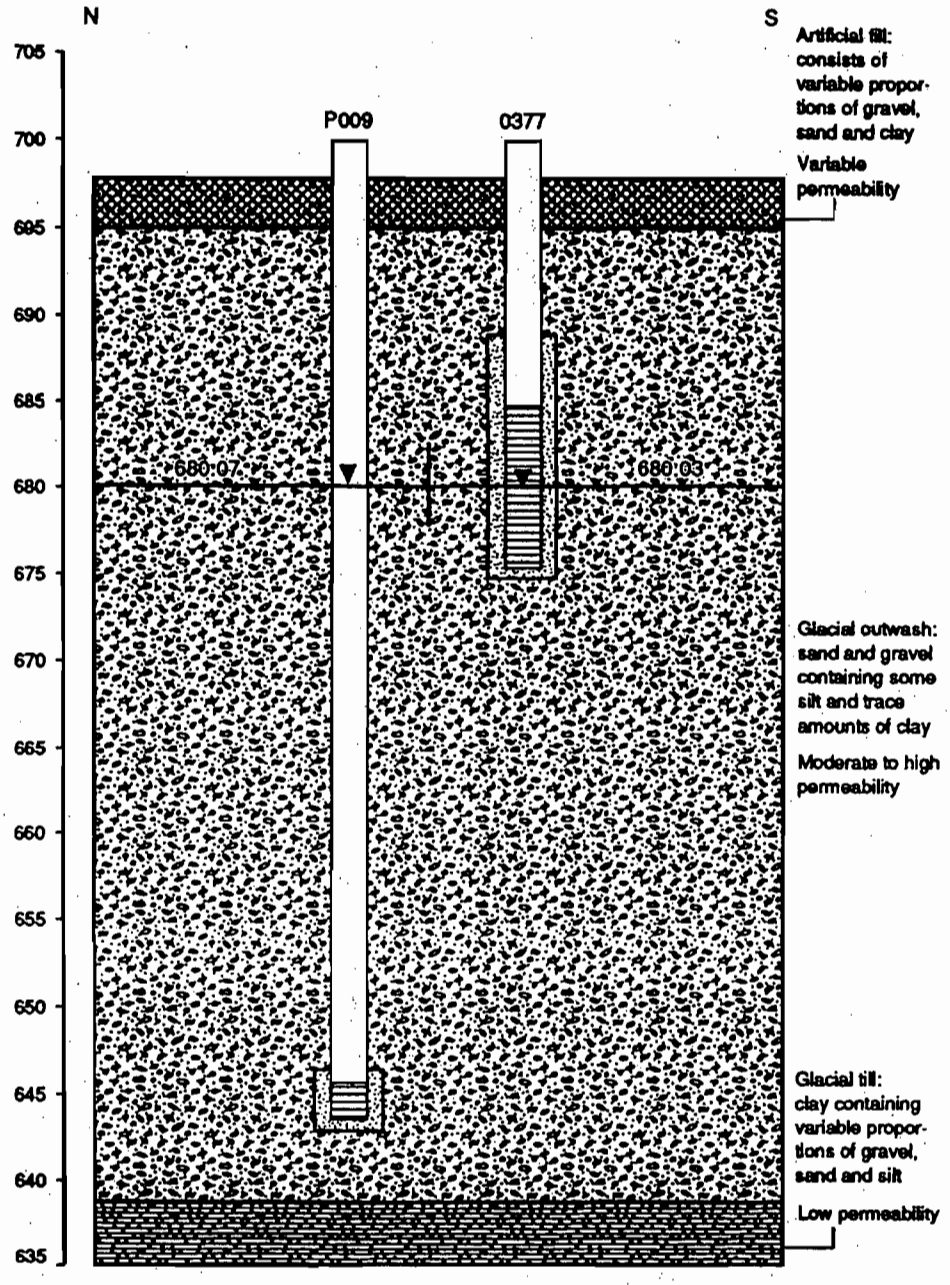
Borehole/Well Id 0377

Depth	Sample T	Sample A	Sample ID	Well Materials	Well Con	Lith	USCS or Rock Type	Lithologic Description
20							GP	
	O	GC	0023					
25				Backfill: 20/40 quartz sand				Total Depth = 25.0'
30								
35								
40								
45								

GROUNDWATER

	DEPTH	HOUR	DATE
▼	17.15	09:40	03/04/93
▼	13.49		03/06/93

WESTON



Explanation
(+) downward gradient
(-) upward gradient

Cluster P009 / 0377

$$\frac{680.03 - 680.07}{55.15 - 21.3} = \frac{-0.04}{33.85}$$

Gradient = - 0.0012

Appendix C
Interstitial Velocity Estimates

Spreadsheets

Velocity estimate spreadsheet, Well EW-N8 to AS-N19. Two porosity values used.

Distance (ft)	h (ft)	Area (ft2)	Boundary V (ft/min) (p=0.28)	Boundary V (ft/min) (p=0.2)	**Zone** radius (ft)	porosity = 0.284 **Avg V (a)**	porosity = 0.2 **Avg V (b)**	Time through zone (a) minutes	**cumulative time**	Time through zone (b) minutes	**cumulative time**	Assumes V = 0.56 ft/min for below GW table Time through zone (min)	**cumulative time**
18	38	5316	0.15	0.21	**18-17**	0.16	0.22	6.38	6.38	4.49	4.49	1.80	1.80
17	37	4860	0.16	0.23	**17-16**	0.17	0.24	5.82	12.20	4.10	8.59	1.80	3.60
16	36	4423	0.18	0.26	**16-15**	0.19	0.27	5.28	17.48	3.72	12.31	1.80	5.40
15	35	4006	0.20	0.28	**15-14**	0.21	0.30	4.77	22.25	3.36	15.67	1.80	7.20
14	34	3607	0.22	0.31	**14-13**	0.23	0.33	4.28	26.53	3.01	18.69	1.80	9.01
13	33	3226	0.25	0.35	**13-12**	0.26	0.37	3.81	30.35	2.69	21.37	1.80	10.81
12	32	2865	0.28	0.39	**12 to 11**	0.30	0.42	3.37	33.72	2.37	23.75	1.80	12.61
11	31	2523	0.32	0.45	**11 to 10**	0.34	0.48	2.95	36.67	2.08	25.83	1.80	14.41
10	30	2199	0.36	0.51	**10 to 9**	0.39	0.56	2.56	39.23	1.80	27.63	1.80	16.21
9	29	1894	0.42	0.60	**9 to 8**	0.46	0.65	2.19	41.42	1.54	29.17	1.54	17.75
8	28	1608	0.49	0.70	**8 to 7**	0.54	0.77	1.84	43.25	1.29	30.46	1.29	19.05
7	27	1341	0.59	0.84	**7 to 6**	0.66	0.94	1.51	44.77	1.07	31.53	1.07	20.11
6	26	1093	0.73	1.03	**6 to 5**	0.82	1.17	1.21	45.98	0.85	32.38	0.85	20.97
5	25	864	0.92	1.31	**5 to 4**	1.07	1.52	0.94	46.92	0.66	33.04	0.66	21.62
4	24	653	1.22	1.73	**4 to 3**	1.47	2.09	0.68	47.60	0.48	33.52	0.48	22.10
3	23	462	1.72	2.45	**3 to 2**	2.24	3.18	0.45	48.04	0.31	33.83	0.31	22.42
2	22	289	2.75	3.91	**2 to 1**	4.32	6.14	0.23	48.27	0.16	34.00	0.16	22.58
1	21	135	5.89	8.36	**1 to Well**	21.86	31.05	0.05	**48.32**	0.03	**34.03**	0.03	**22.61**
0.17	20	21	37.84	53.73									

Velocity estimate spreadsheet, Well EW-N7 to AS-N17. Two porosity values used.

Distance (ft)	h (ft)	Area (ft2)	Boundary V (ft/min) (p=0.28)	Boundary V (ft/min) (p=0.2)	**Zone radius (ft)**	porosity = 0.284 **Avg V (a)**	porosity = 0.2 **Avg V (b)**	Time through zone (a) minutes	**cumulative time**	Time through zone (b) minutes	**cumulative time**	Assumes V = 0.56 ft/min for below GW table Time through zone (min)	**cumulative time**
18	38	5316	0.15	0.21	**18-17**	0.16	0.22	6.38	6.38	4.49	4.49	1.80	1.80
17	37	4860	0.16	0.23	**17-16**	0.17	0.24	5.82	12.20	4.10	8.59	1.80	3.60
16	36	4423	0.18	0.26	**16-15**	0.19	0.27	5.28	17.48	3.72	12.31	1.80	5.40
15	35	4006	0.20	0.28	**15-14**	0.21	0.30	4.77	22.25	3.36	15.67	1.80	7.20
14	34	3607	0.22	0.31	**14-13**	0.23	0.33	4.28	26.53	3.01	18.69	1.80	9.01
13	33	3226	0.25	0.35	**13-12**	0.26	0.37	3.81	30.35	2.69	21.37	1.80	10.81
12	32	2865	0.28	0.39	**12 to 11**	0.30	0.42	3.37	33.72	2.37	23.75	1.80	12.61
11	31	2523	0.32	0.45	**11 to 10**	0.34	0.48	2.95	36.67	2.08	25.83	1.80	14.41
10	30	2199	0.36	0.51	**10 to 9**	0.39	0.56	2.56	39.23	1.80	27.63	1.80	16.21
9	29	1894	0.42	0.60	**9 to 8**	0.46	0.65	2.19	41.42	1.54	29.17	1.54	17.75
8	28	1608	0.49	0.70	**8 to 7**	0.54	0.77	1.84	43.25	1.29	30.46	1.29	19.05
7	27	1341	0.59	0.84	**7 to 6**	0.66	0.94	1.51	44.77	1.07	31.53	1.07	20.11
6	26	1093	0.73	1.03	**6 to 5**	0.82	1.17	1.21	45.98	0.85	32.38	0.85	20.97
5	25	864	0.92	1.31	**5 to 4**	1.07	1.52	0.94	46.92	0.66	33.04	0.66	21.62
4	24	653	1.22	1.73	**4 to 3**	1.47	2.09	0.68	47.60	0.48	33.52	0.48	22.10
3	23	462	1.72	2.45	**3 to 2**	2.24	3.18	0.45	48.04	0.31	33.83	0.31	22.42
2	22	289	2.75	3.91	**2 to 1**	4.32	6.14	0.23	48.27	0.16	34.00	0.16	22.58
1	21	135	5.89	8.36	**1 to Well**	21.86	31.05	0.05	**48.32**	0.03	**34.03**	0.03	**22.61**
0.16667	20	21	37.84	53.73									

Appendix D
Mass Unit Conversions

Parts per Million (ppm) is a Volume/Volume based concentration unit for gases.

$$ppm = \left(\frac{volumeofspecificgas}{totalvolumegasmixture}\right)\left(10^6\right)$$

Sentex GC concentrations are reported in ppm. To perform mass balance calculations on Sentex reported data, conversion to a Mass/ Volume concentration unit, $\mu g/m^3$,is required. This conversion can be carried out by specifying temperature and pressure and utilizing a form of the Ideal Gas Law.

$$PV = nRT \quad \text{where} \quad n = M/MW_p$$

Then determining the volume fraction of a gas in a mixture can be written as:

$$\frac{V_p}{V_t} = \frac{n_p RT/P}{n_t RT/P} = \text{the volume fraction of a pollutant in a mixture.}$$

Rewriting by substituting for both n_p and n_t creates:

$$M_p = \left(\frac{PV_t}{RT}\right)\left(\frac{V_p}{V_t}\right)MW_p$$

$$M_p/V_t = \frac{P}{RT}\left(\frac{V_p}{V_t}\right)\left(MW_p\right)$$

For these calculations:

$$P = 1.0 \text{ atm}$$

$$T = (273 + 50) = 323 \text{ K}$$

$$R = 0.08206 \left[L - atm / gmol - K \right]$$

$$\frac{P}{RT} = .037728 \quad \text{and } MW_p = 165.37 \text{ g/gmol}$$

This calculation has units of gram/liter, the conversion to $\mu g/m^3$

$$\left(\frac{1g}{L}\right)\left(\frac{10^6 \mu g}{1g}\right)\left(\frac{1000L}{1m^3}\right) = 10^9 \frac{\mu g}{m^3} \quad \text{and numerically} \quad \left(\frac{V_p}{V_t}\right) = ppm / 10^6$$

$$\text{Therefore } M_p / V_t = \frac{P}{RT}\left(\frac{V_p}{V_t}\right)(MW_p)$$

$$= \left(0.04 \, {}^{gmol}/_{L}\right)\left(168.4 \, {}^{g}/_{gmol}\right)\left(1 ppm / 10^6\right)\left(\frac{10^9 \, {}^{\mu g}/_{L}}{{}^{g}/_{L}}\right)$$

$$M_p / V_t = = 6736 \text{ (ppm)}$$

Therefore:

$$\left(6736 \frac{\mu g / m^3}{ppmHalon1211}\right)(XppmHalon1211) = \left(Y \, \mu g / m^3 \, Halon1211\right)$$

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Attachment S

Directed Air Sparge Treatment Plan Draft

Approx 40% Rec. Qtfyable

MOUND OU-1
Directed Air Sparge Treatment Plan

Draft - October 5, 1999

1.0 Introduction

A tracer test was completed on the AS system to assess the pneumatic connection between air sparge generated vapors and collection by the SVE system. This test indicated that only about 15% of the mass of tracer injected into the AS system was collected by the SVE system. In addition, the tracer appeared in the off-site wells, also indicating incomplete capture. This caused the group to question full-scale application of the AS system. However, there are two discrete locations at the site where the groundwater contaminant concentrations continue to remain above MCL's. These stubborn areas may represent localized contaminant release points caused by subsurface sources or water table rising/falling cycles to wash vadose sources into the groundwater. One stubborn area is located near well 370 and one is located near well 410. The group decided that a carefully monitored directed air sparging near well 370 may be effective in reducing stubborn groundwater contamination. This plan describes a directed air sparge treatment and monitoring effort for the area around well 370.

2.0 Test Objectives

The objective of this test is to assess whether localized air sparging around well 370 can substantially reduce groundwater contamination levels.

3.0 Test Methods

AS Well Selection - AS wells in the vicinity of well 370 include AS-N21, AS-N22 and AS-N23. AS flow rates and pressures for these wells during the May 1999 tracer test were as follows:

AS Well	Flow Rate (cfm)	Pressure (psi)	Screen Length (ft)	Bottom Depth (ft)
AS-N21	32	7.5	1.5	45
AS-N22	29	11.5	1.5	50
AS-N23	6	12.0	1.5	52

Since well 370 is between AS-N22 and AS-N23, it appears best to use these two wells. Target flow and pressure for these wells will be the values noted above. Figure 1 shows selected wells located at OU-1. Groundwater monitoring locations very close to AS-N22 and AS-N23 include 370, 313, 422, and P&T well 412. Further away are wells 423, 397, 373. The following figures show the concentration histories of PCE in these wells. Other compounds follow a similar trend and can be found in file OU1_VOCb.xls. All show a downward trend over the last two to six years.

Sample Frequency - A sampling frequency of once per week should be sufficient to observe changes and/or trends in groundwater concentrations after 4-6 weeks.

Sample Collection - Some of the wells have dedicated bladder pumps that can be used. Others will require the use of bailers.

Sample Analysis - An on-site Purge and Trap GC has been qualified for analysis of groundwater samples.

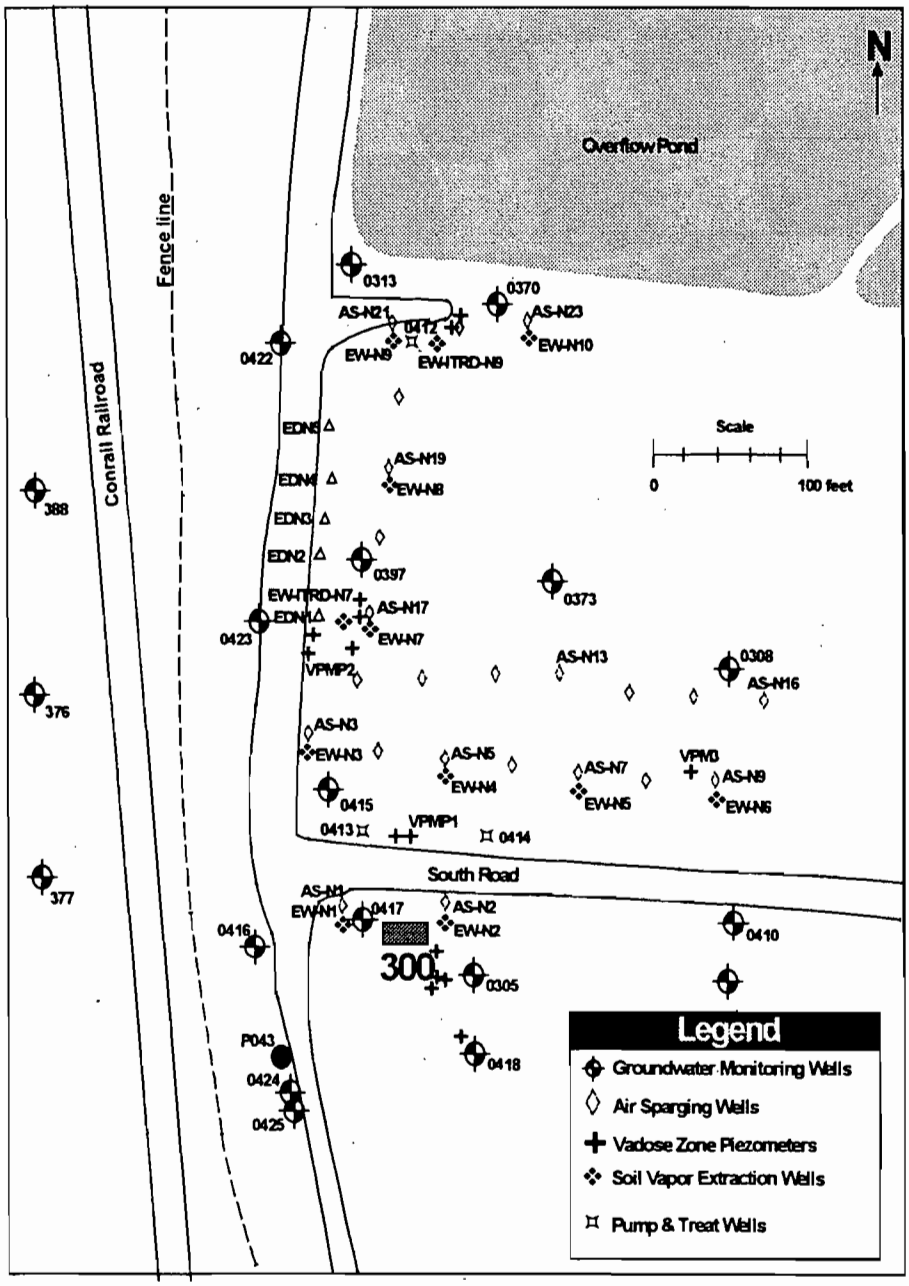
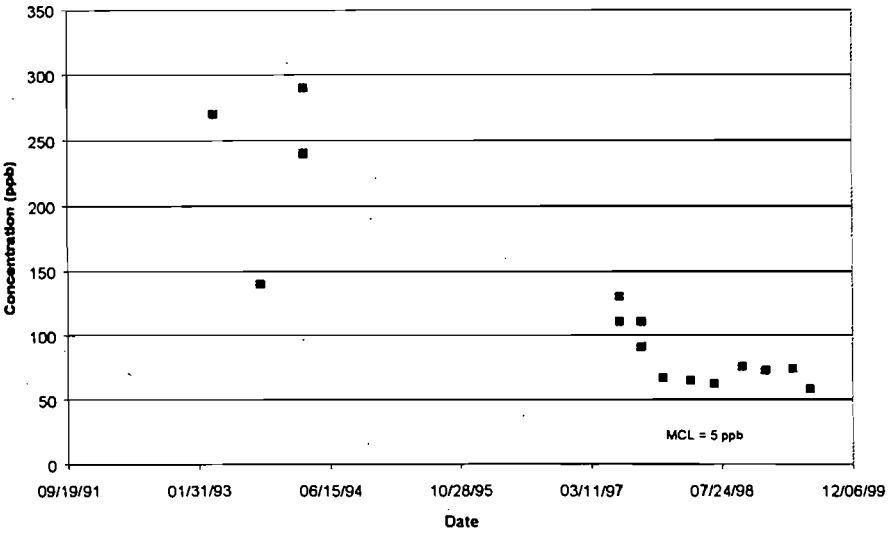
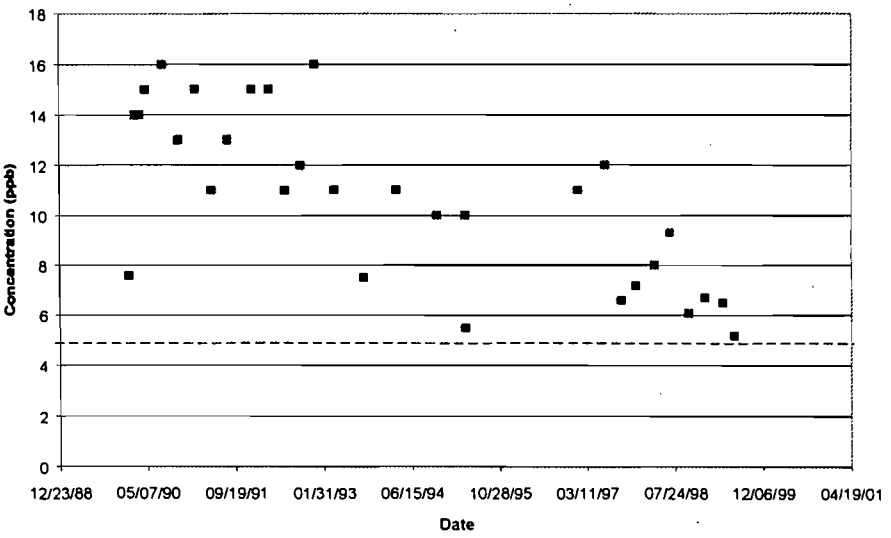


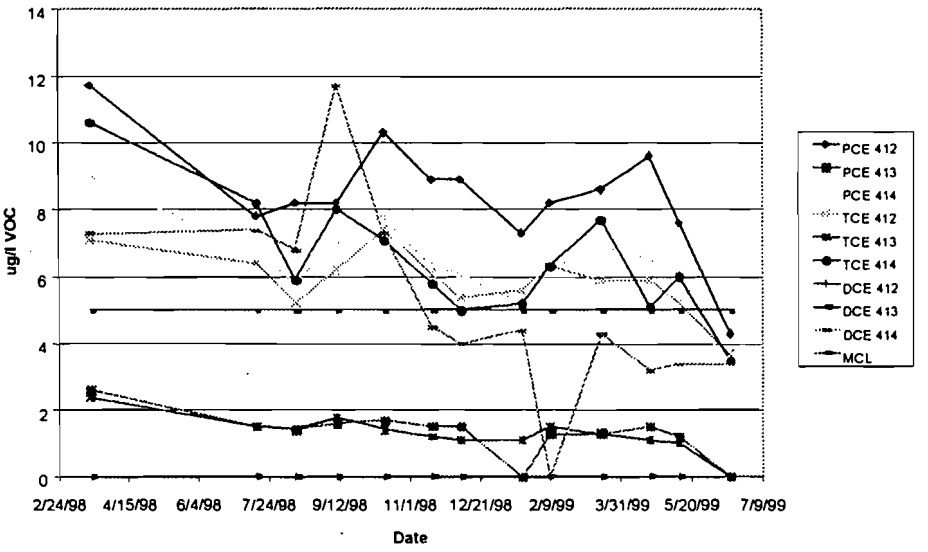
Figure 1. Site Layout and Well Locations

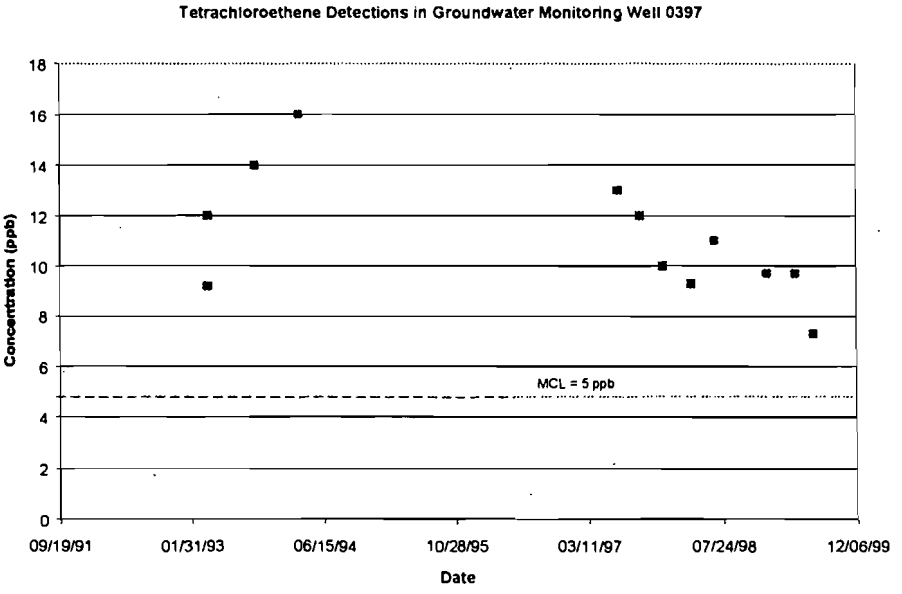
Tetrachloroethene Detections in Groundwater Monitoring Well 0370

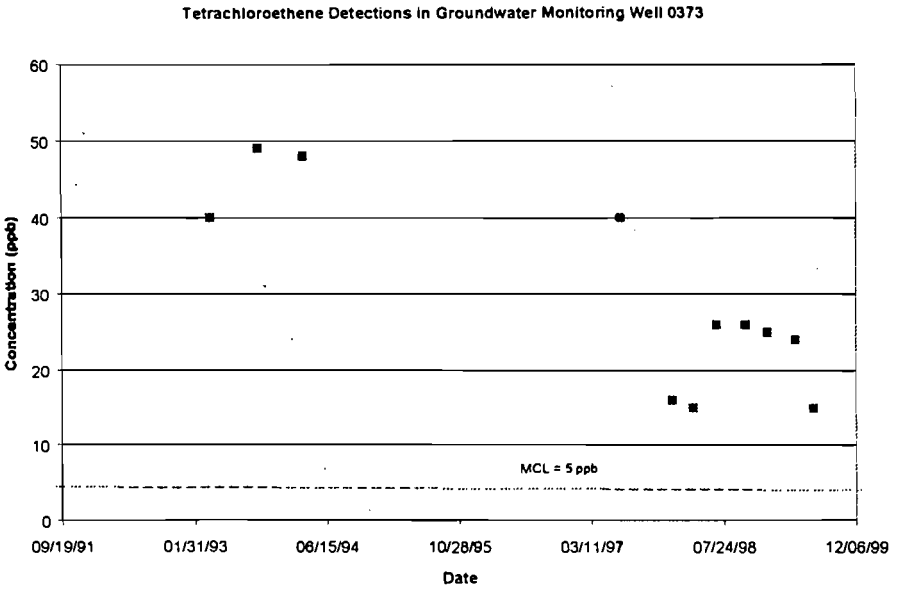


Tetrachloroethene Detections in Groundwater Monitoring Well 0313




14
12
10
8
6
4
2
0
ug/l VOC
2/24/98
4/15/98
6/4/98
7/24/98
9/12/98
11/1/98
12/21/98
2/9/99
3/31/99
5/20/99
7/9/99
Date
PCE 412
PCE 413
PCE 414
TCE 412
TCE 413
TCE 414
DCE 412
DCE 413
DCE 414
MCL


Tetrachloroethene Detections in Groundwater Monitoring Well 0397
18
16
14
12
10
8
6
4
2
0
Concentration (ppb)
MCL = 5 ppb
09/19/91
01/31/93
06/15/94
10/28/95
03/11/97
07/24/98
12/06/99
Date


Tetrachloroethene Detections in Groundwater Monitoring Well 0373
Concentration (ppb)
60
50
40
30
20
10
0
MCL = 5 ppb
09/19/91
01/31/93
06/15/94
10/28/95
03/11/97
07/24/98
12/06/99
Date

Attachment T

Criteria for Initiating a Rebound Test at OU-1

CRITERIA FOR INITIATING A REBOUND TEST AT OU-1

Qualitative assessment of OU-1 results to date:

- Removed over 2800 pounds of VOC's from the overlying vadose zone
- Provided hydraulic isolation of OU-1 source area for 2 and a half years
- Observed decreases in contaminant concentrations in all area OU-1 wells with the exception of the eastern BVA pinchout

Based on this information, it seems appropriate to consider initiating a rebound test. A rebound test is defined as turning off the three P&T wells, and all air sparging/soil vapor extraction wells, followed by observing whether the contaminant of concern (COC) concentrations increase in the P&T wells. The purpose of the rebound test is to determine if sufficient mass of contaminants has been removed from the aquifer that the P&T system can be shut off and the contaminant levels at the compliance boundary will stay below mcl's.

The following conditions must be met prior to initiating a rebound test.

1 - COC concentrations in the P&T wells (412,413,414) must all have been less than mcl's for the most recent three months.

2 - No significant increases in COC concentrations have been observed in any OU-1 area wells in the most recent month. This condition applies to the wells that are currently above mcl's.

The following criteria will be used to determine when to end the rebound test and turn the P&T system back on.

1 - COC concentrations in any of Mound's three production wells or any of the P&T wells (412, 413, or 414) exceed mcl's.

2 - The "south plume" (410 area) shows clear movement towards the Mound production wells (e.g.- doubling of vinyl chloride levels in 418).

During the rebound test the following groups of wells will be monitored for the COC's (TCE, DCE, PCE), vinyl chloride, and water table level: a) the "compliance boundary wells" (412,413,414,and 423), b) the interior wells (P005 and 370), c) a south plume monitoring well (418), d) and Mound's production wells (71,271,and 76). The VOC concentrations will be determined with the onsite portable GC/Mass Spec. In addition, significant rainfall events will be recorded. Each of these wells are highlighted on the attached table showing well elevation and screening interval.

All of these wells will be sampled immediately prior to shutting off the P&T system. After the system is shut down, the production wells will continue to be sampled on their normal monthly

basis. All other wells will be sampled weekly for one month. If no significant increases are detected, the frequency will be reduced to sampling every two weeks for one month. If the VOC levels still remain essentially unchanged, the frequency will be further reduced to monthly.

The decision to initiate or terminate a rebound test will be made by the Mound team of DOE, USEPA, and OEPA. This decision will be made based on the above rebound test criteria as well as any other information available to them.