

## **MONTICELLO NPL SITES**

**FFA QUARTERLY REPORT: October 1 – December 31, 2007**

**DOE Site Manager: Jalena Maestas**

### **1.0 MMTS Activities/Status**

#### Repository and Pond 4

- Monthly and quarterly inspection of the repository identified no problems that have not been addressed. (inspection checklists attached).
- Monthly inspection of Pond 4 identified no unacceptable conditions.
- Pond 4 leachate detection and removal systems continue to operate at normal levels (leachate pumping summary attached).
- Repository leachate collection and removal system (LCRS) and leachate collection system (LDS) continue to operate at normal and acceptable levels (leachate pumping summary attached).
- Portions of repository cover were planted with rabbitbrush seedlings to repair areas damaged by voles and to establish vegetation in areas of poor initial establishment.

#### Former Millsite

- No significant activity or issues to report.
- The former millsite restorations are in good condition.

#### Peripheral Properties (Private and City-owned)

- No significant activity or issues to report.

#### Surface Water and Ground Water (OU III)

- Continued to operate the ex-situ ground water treatment system at flow rates of 6 to 8 gallons per minute.

### **2.0 MVP Activities/Status**

#### City Streets and Utilities, UDOT Rights-of-Way, Land-use Restrictions

- No non-routine activities or issues to report.

### **3.0 Deliverables/Schedule/Miscellaneous**

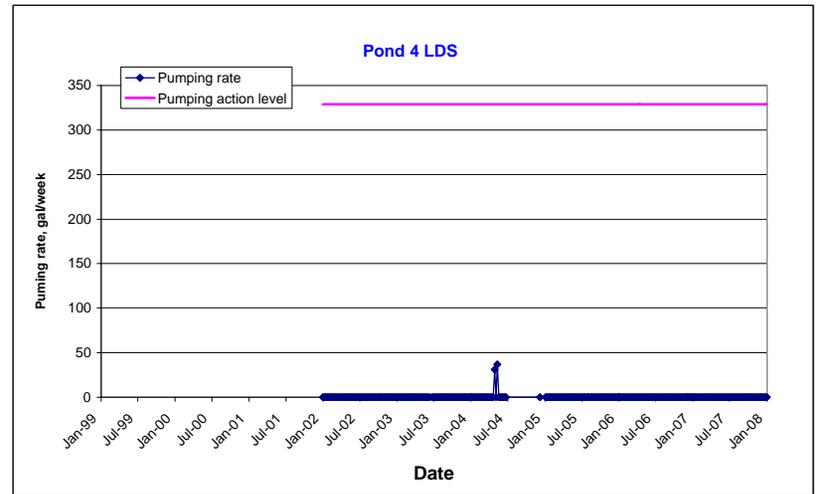
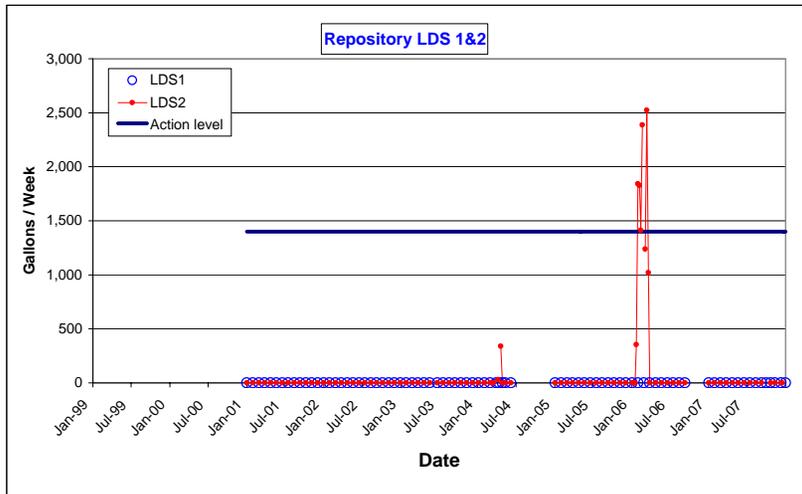
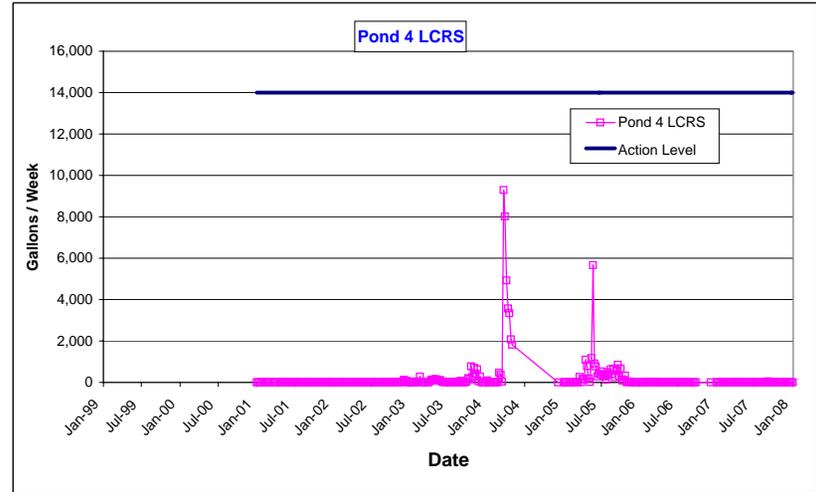
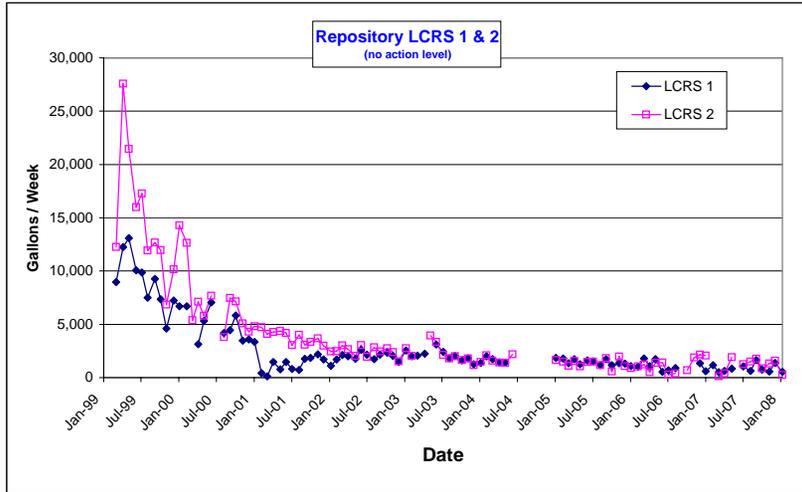
- The status of reporting deliverables for the current quarter (October 2007 – December 2007) are listed in Table 1.
- Submittal of the 2007 biomonitoring report to the BTAG is overdue. The subsequent BTAG conference call is postponed from January 2008 to February 2008 assuming that the report will be available to the BTAG by mid-January. The 2007 biomonitoring data are presented in the 2007 annual ground water report.
- Table 2 provides the schedule of activities for the near future including January – March 2008.
- The 2007 annual site inspection identified no significant deficiencies in site conditions or in the conduct of long term maintenance and surveillance.

Table 1. MMTS & MVP Deliverables Schedule, October 2007 – December 2007

Task/Document	Regulatory Concurrence	Status/Schedule
Annual OU III water quality report	No	Submitted October 2, 2007
Annual site inspection report	No	Submitted December 18, 2007; the annual site inspection was conducted September 18 – 20, 2007 in which EPA and UDEQ participated.
Outline for OU III ground water compliance strategy	Yes	Submitted via e-mail for regulatory review November 6, 2007; comments received via e-mail December 6, 2007.
FFA quarterly report with FFA semi-annual meeting minutes for July – September 2007	Yes	Draft submitted for regulatory review via e-mail on October 5, 2007. Final (hard copy) submitted to regulators on November 15, 2007 incorporating following UDEQ and EPA Region VIII comments. EPA headquarters review comments pending.
Site management plan annual update of Section 5.0	Yes	Draft version of Section 5.0 submitted to regulators on September 6, 2007 for review. Final submitted September 27, 2007 following comment resolution during September 2007 FFA meeting in Monticello. Corrected final version submitted October 23, 2007.

Table 2. MMTS & MVP Near-Future Schedule, January – March 2008

Task/Document	Regulatory Concurrence	Status/Schedule
Annual repository vegetation monitoring report	No	In progress for January 2008 submittal
Draft position paper for OU III ground water compliance strategy	Yes	In progress. Scope of paper to be discussed in conference call late January or early February 2008.
BTAG conference call	Yes	To be determined pending distribution of 2007 biomonitoring report and 30-day BTAG review.
FFA semi-annual meeting	Yes	March 2008 at UDEQ, Salt Lake City, UT. Dates to be determined.
FFA quarterly report with FFA semi-annual meeting minutes for January – March 2008	Yes	Draft for 30-day regulator due by April 10, 2008.
Certification letters to City of Monticello	Yes	In progress for completion in 1 <sup>st</sup> quarter of 2008.
Construction design to decommission PRB	UDEQ and EPA input will be solicited	Design work through 1 <sup>st</sup> quarter of 2008.
Notify Utah water quality division of intent to discharge treated ground water from treatment system to Montezuma Creek	UDEQ and EPA input will be solicited	In progress through 1 <sup>st</sup> quarter of 2008.
Sediment and surface water sampling at wetlands for OU III biomonitoring	BTAG input will be solicited	April 2008; DOE will submit a program directive in February or March 2008 to DOE, EPA, and UDEQ describing scope of work including bird survey).
Bird survey for OU III biomonitoring	BTAG input will be solicited	Qualified individual in the identification of threatened or endangered birds will be selected during the 1 <sup>st</sup> quarter of 2008. Field work to occur in spring and early summer 2008.
OU III semi-annual ground water and surface water monitoring	No; implement as per approved plan	April 2008.



### Repository Area Surveillance Checklist

\_\_\_\_ Monthly Surveillance  Quarterly Surveillance (Feb., May, Aug, Nov.)

\_\_\_\_ Storm Event Triggered Surveillance due to \_\_\_\_ inches of rainfall over the past 24 hours.

Inspection Item	Acceptable (Yes/No)	Comments and Recommendations
<b>Condition of:</b>		
Fences and gates	<u>Yes</u>	
Roads <sup>a</sup>	<u>Yes</u>	
Signs	<u>Yes</u>	
Site monuments	<u>Yes</u>	
Drainage ditches <sup>a</sup>	<u>Yes</u>	
Manholes	<u>Yes</u>	
Vegetation	<u>Yes</u>	
<b>Evidence of erosion of:</b>		
Top of disposal cell <sup>a</sup>	<u>NO</u>	
Disposal cell sideslopes <sup>a</sup>	<u>NO</u>	
Ditches	<u>NO</u>	
Surrounding area	<u>NO</u>	
<b>Evidence of:</b>		
Vandalism	<u>NO</u>	
Intrusion by livestock	<u>NO</u>	
Burrowing animal damage	<u>NO</u>	<u>During Planting we did not see any mice/holes</u>
Intrusion by humans	<u>NO</u>	
Accumulation of trash	<u>NO</u>	

**Additional Quarterly Surveillance Requirements**

Note: All transects, shown in Figure 3-1, must be walked during this inspection.

<b>Condition of:</b>		
Settlement plate structures	<u>No Survey at this time</u>	
Manholes <sup>b</sup>	<u>Checked - Rain water removed from Manhole #3</u>	
Sediment Ponds	<u>to be removed before the end (yearly)</u>	
<b>Evidence of:</b>		
Structural Instability	<u>NO</u>	

**Additional Comments**

3200 Sage/Rabbit brush were planted last month.

Signature   
 Monticello LM Representative

Date 11-1-2007

<sup>a</sup>Inspections required following a significant storm event

<sup>b</sup>Open to inspect quarterly

Figure 3-5. Example Repository Area Surveillance Checklist

**Repository Area Surveillance Checklist**

X Monthly Surveillance \_\_\_\_\_ Quarterly Surveillance (Feb., May, Aug., Nov.)

\_\_\_\_\_ Storm Event Triggered Surveillance due to \_\_\_\_\_ inches of rainfall over the past 24 hours.

Inspection Item	Acceptable (Yes/No)	Comments and Recommendations
<b>Condition of:</b>		
Fences and gates	<u>YES</u>	_____
Roads <sup>a</sup>	<u>YES</u>	_____
Signs	<u>YES</u>	_____
Site monuments	<u>YES</u>	_____
Drainage ditches <sup>a</sup>	<u>YES</u>	_____
Manholes	<u>YES</u>	_____
Vegetation	<u>YES</u>	_____
<b>Evidence of erosion of:</b>		
Top of disposal cell <sup>a</sup>	<u>NO</u>	_____
Disposal cell sideslopes <sup>a</sup>	<u>NO</u>	_____
Ditches	<u>NO</u>	_____
Surrounding area	<u>NO</u>	_____
<b>Evidence of:</b>		
Vandalism	<u>NO</u>	_____
Intrusion by livestock	<u>NO</u>	_____
Burrowing animal damage	<u>NO</u>	_____
Intrusion by humans	<u>NO</u>	_____
Accumulation of trash	<u>NO</u>	_____

**Additional Quarterly Surveillance Requirements**

Note: All transects, shown in Figure 3-1, must be walked during this inspection.

<b>Condition of:</b>		
Settlement plate structures	_____	_____
Manholes <sup>b</sup>	_____	_____
Sediment Ponds	_____	_____
<b>Evidence of:</b>		
Structural Instability	_____	_____

**Additional Comments**

Rabbit brush & Sage were planted then they were watered by taking the fork on the neck to each plant. Some plants (300+) were found that the contractor did not plant

Signature Joe Sude  
Monticello LM Representative

Date 12-5-2007

<sup>a</sup>Inspections required following a significant storm event

<sup>b</sup>Open to inspect quarterly

Figure 3-5. Example Repository Area Surveillance Checklist

LMNT 4.4

### Repository Area Surveillance Checklist

Monthly Surveillance     Quarterly Surveillance (Feb., May, Aug., Nov.)

Storm Event Triggered Surveillance due to  inches of rainfall over the past 24 hours.

Inspection Item	Acceptable (Yes/No)	Comments and Recommendations
<b>Condition of:</b>		
Fences and gates	YES	
Roads <sup>a</sup>	YES	
Signs	YES	
Site monuments	YES	
Drainage ditches <sup>a</sup>	YES	
Manholes	YES	
Vegetation	YES	
<b>Evidence of erosion of:</b>		
Top of disposal cell <sup>a</sup>	NO	
Disposal cell sideslopes <sup>a</sup>	NO	
Ditches	NO	
Surrounding area	NO	
<b>Evidence of:</b>		
Vandalism	NO	
Intrusion by livestock	NO	
Burrowing animal damage	NO	
Intrusion by humans	NO	
Accumulation of trash	NO	

**Additional Quarterly Surveillance Requirements**

Note: All transects, shown in Figure 3-1, must be walked during this inspection.

<b>Condition of:</b>		
Settlement plate structures	_____	_____
Manholes <sup>b</sup>	_____	_____
Sediment Ponds	_____	_____
<b>Evidence of:</b>		
Structural Instability	_____	_____

**Additional Comments**

*Temps have been very cold - Record snow cover this month - everything is covered and frozen at this time*

Signature   
 Monticello LM Representative

Date 1-2-2007

<sup>a</sup>Inspections required following a significant storm event

<sup>b</sup>Open to inspect quarterly

Figure 3-5. Example Repository Area Surveillance Checklist

*LMNT-4.4*

**Monthly Pond 4 Surveillance Checklist**

Level of Water in Pond 4 1.5 ft at the N.E. corner

Inspection Item	Acceptable (Yes/No)	Comments & Recommendation
<b>Condition of:</b>		
Fences, gates, and locks	<u>Yes</u>	
Roads	<u>Yes</u>	
Signs	<u>Yes</u>	
Visible piping	<u>Yes</u>	
Visible liner and anchors	<u>Yes</u>	
Rescue equipment	<u>Yes</u>	<u>New cabinets inspected by yearly insp crew</u>
<b>Evidence of erosion of:</b>		
Top of Pond 4 berm	<u>NO</u>	
Pond 4 sideslopes	<u>NO</u>	
Ditches	<u>NO</u>	
Surrounding area	<u>NO</u>	
Seepage from Pond 4	<u>NO</u>	
Overtopping of Pond 4	<u>NO</u>	
<b>Evidence of:</b>		
Vandalism	<u>NO</u>	
Intrusion by wildlife	<u>NO</u>	
Intrusion by humans	<u>NO</u>	
Accumulation of trash	<u>NO</u>	<u>trash removed before yearly insp.</u>

**Additional Comments**  
there are some signs of Gophers/squirrels digging—

Monticello LM Representative [Signature] Date 11-1-2007

Figure 3-6. Example Checklist for Monthly Pond 4 Surveillance

### Monthly Pond 4 Surveillance Checklist

Level of Water in Pond 4       aprox 2.0 ft      

Inspection Item	Acceptable (Yes/No)	Comments & Recommendation
<b>Condition of:</b>		
Fences, gates, and locks	<u>YES</u>	_____
Roads	<u>YES</u>	_____
Signs	<u>YES</u>	_____
Visible piping	<u>YES</u>	_____
Visible liner and anchors	<u>YES</u>	_____
Rescue equipment	<u>YES</u>	_____
<b>Evidence of erosion of:</b>		
Top of Pond 4 berm	<u>NO</u>	_____
Pond 4 sideslopes	<u>NO</u>	_____
Ditches	<u>NO</u>	_____
Surrounding area	<u>NO</u>	_____
Seepage from Pond 4	<u>NO</u>	_____
Overtopping of Pond 4	<u>NO</u>	_____
<b>Evidence of:</b>		
Vandalism	<u>NO</u>	_____
Intrusion by wildlife	<u>NO</u>	_____
Intrusion by humans	<u>NO</u>	_____
Accumulation of trash	<u>NO</u>	_____

**Additional Comments**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Monticello LM Representative       JOE Sude [Signature]       Date       12-5-2007      

*LMNT-4.4*

Figure 3-6. Example Checklist for Monthly Pond 4 Surveillance

### Monthly Pond 4 Surveillance Checklist

Level of Water in Pond 4 approx 1.8 ft - 2.0 ft.

Inspection Item	Acceptable (Yes/No)	Comments & Recommendation
<b>Condition of:</b>		
Fences, gates, and locks	<u>yes</u>	
Roads	<u>yes</u>	
Signs	<u>yes</u>	
Visible piping	<u>yes</u>	
Visible liner and anchors	<u>yes</u>	
Rescue equipment	<u>yes</u>	
<b>Evidence of erosion of:</b>		
Top of Pond 4 berm	<u>NO</u>	
Pond 4 sideslopes	<u>NO</u>	
Ditches	<u>NO</u>	
Surrounding area	<u>NO</u>	
Seepage from Pond 4	<u>NO</u>	
Overtopping of Pond 4	<u>NO</u>	
<b>Evidence of:</b>		
Vandalism	<u>NO</u>	
Intrusion by wildlife	<u>NO</u>	
Intrusion by humans	<u>NO</u>	
Accumulation of trash	<u>NO</u>	

**Additional Comments**

temps have been very cold - snow cover is good (second snow this month)

Monticello LM Representative  Date 1-2-2007

Figure 3-6. Example Checklist for Monthly Pond 4 Surveillance

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2007

NAME: Monticello LTSM CITY: STATE:  
 ELEV: 7000 ft LAT: 37° 54' 00" N LONG: 109° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	51.8	62.4	1:00p	45.5	2:30a	13.2	0.0	0.15	11.6	33.0	4:30p	SSE
2	49.5	60.9	5:00p	39.5	7:00a	15.5	0.0	0.18	6.5	22.0	2:00a	WNW
3	52.6	63.5	4:00p	38.3	5:30a	12.4	0.0	0.00	9.0	32.0	2:30p	SSE
4	52.4	62.0	2:30p	43.6	7:30a	12.6	0.0	0.07	8.0	34.0	3:30p	SE
5	55.9	64.5	4:00p	49.0	1:00a	9.1	0.0	0.06	18.9	41.0	3:30p	SE
6	43.3	53.3	12:30a	31.8	11:30p	21.7	0.0	0.03	14.2	35.0	3:30p	SSE
7	37.0	45.3	5:00p	31.3	7:30a	28.0	0.0	0.00	8.7	23.0	9:00a	WNW
8	45.3	60.3	4:00p	30.5	3:00a	19.7	0.0	0.00	5.3	16.0	4:00p	SW
9	55.6	66.7	4:30p	44.3	3:30a	9.5	0.1	0.00	8.4	25.0	10:00a	SSE
10	57.6	68.4	5:00p	46.7	5:30a	7.7	0.3	0.00	10.1	33.0	1:30p	SSE
11	56.0	66.6	3:30p	41.9	7:30a	9.1	0.1	0.00	8.0	25.0	2:00p	SE
12	54.3	63.0	2:30p	47.2	4:00a	10.7	0.0	0.00	8.6	26.0	12:00p	SSE
13	49.3	58.2	4:00p	41.6	3:30a	15.7	0.0	0.00	9.7	31.0	1:30p	SSE
14	45.9	53.8	4:30p	41.7	5:00a	19.1	0.0	0.00	14.4	33.0	11:00a	WNW
15	47.9	59.5	2:30p	39.6	5:00a	17.1	0.0	0.00	7.7	19.0	4:30p	WNW
16	47.3	56.7	4:00p	38.3	7:30a	17.7	0.0	0.00	9.5	31.0	9:00p	S
17	41.1	50.7	1:00p	31.8	9:30p	23.9	0.0	0.02	10.4	49.0	3:00p	S
18	37.7	47.9	4:30p	27.8	8:00a	27.3	0.0	0.00	8.5	27.0	10:00a	WNW
19	47.2	60.1	3:00p	33.6	2:30a	17.8	0.0	0.00	9.9	27.0	12:30p	SE
20	48.0	63.6	5:00p	30.4	11:00p	17.0	0.0	0.00	16.7	44.0	12:00m	SSE
21	32.1	39.2	3:30p	26.9	7:00a	32.9	0.0	0.00	19.0	44.0	2:00p	WNW
22	35.0	45.1	4:00p	25.1	4:30a	30.0	0.0	0.00	10.4	29.0	1:30p	WNW
23	48.2	57.5	4:00p	38.5	12:30a	16.8	0.0	0.00	13.2	29.0	3:30p	WNW
24	49.8	61.6	4:00p	36.6	8:00a	15.2	0.0	0.00	6.3	25.0	12:00p	SE
25	53.0	68.1	4:00p	42.5	5:30a	12.2	0.2	0.00	4.4	15.0	4:30p	SW
26	53.5	65.9	3:00p	43.3	5:30a	11.5	0.0	0.00	5.4	17.0	4:30p	SSW
27	52.7	65.9	4:00p	42.8	8:30a	12.3	0.0	0.00	6.9	27.0	2:00p	SW
28	52.9	64.5	4:00p	42.2	8:00a	12.1	0.0	0.00	5.6	18.0	2:30p	SW
29	53.1	63.3	2:30p	42.5	4:00a	11.9	0.0	0.00	6.3	24.0	11:00a	SSE
30	52.1	61.2	4:00p	44.0	4:30a	12.9	0.0	0.00	9.3	25.0	10:30a	SSE
31	47.7	55.7	3:00p	39.3	11:00p	17.3	0.0	0.00	8.5	20.0	1:30p	WNW
	48.6	68.4	10	25.1	22	509.9	0.7	0.51	9.7	49.0	17	SSE

Max >= 90.0: 0  
 Max <= 32.0: 0  
 Min <= 32.0: 8  
 Min <= 0.0: 0

Max Rain: 0.18 ON 10/02/07

Days of Rain: 6 (>.01 in) 2 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2007

NAME: Monticello LTSM CITY: STATE:  
 ELEV: 7000 ft LAT: 37° 54' 00" N LONG: 109° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	45.5	58.7	4:30p	37.2	8:00a	19.4	0.0	0.00	6.7	24.0	1:00p	SW
2	45.0	55.2	2:30p	32.4	7:30a	20.0	0.0	0.00	8.3	24.0	5:00p	W
3	45.3	60.9	2:30p	34.4	8:30a	19.7	0.0	0.00	6.3	18.0	5:00a	W
4	47.0	61.5	2:30p	34.3	5:30a	18.0	0.0	0.00	4.7	14.0	1:00p	SW
5	47.9	63.7	2:30p	36.4	6:30a	17.1	0.0	0.00	5.0	13.0	11:00a	SW
6	48.0	58.5	2:00p	39.4	5:00a	17.0	0.0	0.00	7.9	26.0	9:30a	SE
7	50.6	63.5	1:00p	40.5	5:30a	14.4	0.0	0.00	4.4	14.0	3:00p	SW
8	51.2	64.6	2:00p	42.3	6:30a	13.8	0.0	0.00	4.9	15.0	2:00p	SW
9	49.9	59.8	2:30p	42.1	7:00a	15.1	0.0	0.00	8.1	26.0	1:00p	SSE
10	50.3	59.7	2:00p	42.6	9:30p	14.7	0.0	0.00	9.0	25.0	11:30a	SSE
11	46.6	52.2	11:30a	35.6	7:00a	18.4	0.0	0.00	8.5	29.0	12:30p	SSE
12	45.5	55.0	3:30p	37.5	7:30a	19.5	0.0	0.00	6.4	24.0	1:30a	NNW
13	46.9	58.4	2:30p	38.2	7:00a	18.1	0.0	0.00	8.1	31.0	9:30a	SSE
14	45.6	53.5	1:00p	34.1	12:00m	19.4	0.0	0.00	10.3	25.0	4:30a	WNW
15	43.9	54.7	2:00p	32.7	3:00a	21.1	0.0	0.00	10.0	28.0	1:00p	SSE
16	45.6	59.0	2:00p	35.2	4:00a	19.4	0.0	0.00	6.6	28.0	3:00p	W
17	48.6	61.7	1:30p	38.6	6:00a	16.4	0.0	0.00	5.1	21.0	1:00a	WNW
18	47.5	57.9	2:00p	38.6	6:00a	17.5	0.0	0.00	6.1	18.0	1:00p	SE
19	49.0	58.4	2:00p	38.5	4:30a	16.0	0.0	0.00	13.1	33.0	9:30a	SE
20	44.4	53.6	1:30p	33.3	12:00m	20.6	0.0	0.00	12.8	40.0	11:30p	SE
21	25.0	33.3	12:30a	18.2	6:30a	40.0	0.0	0.00	12.2	34.0	1:00a	WNW
22	27.6	36.7	3:00p	17.5	5:00a	37.4	0.0	0.00	5.9	21.0	12:00m	W
23	24.9	33.3	12:30a	21.9	4:30p	40.1	0.0	0.00	10.6	33.0	3:30p	WNW
24	27.5	34.2	3:00p	21.4	7:00a	37.5	0.0	0.01	10.6	27.0	5:00a	WNW
25	29.2	43.7	3:00p	18.0	12:30a	35.8	0.0	0.03	4.1	16.0	12:00p	NNW
26	32.2	42.1	11:30a	24.3	6:30a	32.8	0.0	0.01	5.5	26.0	1:00p	SW
27	33.1	39.9	1:30p	23.3	1:30a	31.9	0.0	0.00	11.9	29.0	9:00a	SSE
28	24.4	37.3	12:30a	16.4	8:30p	40.6	0.0	0.00	8.8	31.0	3:30a	WNW
29	30.8	38.9	3:00p	16.9	1:00a	34.2	0.0	0.00	18.1	37.0	12:00p	SE
30	36.8	41.5	8:00p	28.6	7:00a	28.2	0.0	0.86	13.8	33.0	7:30p	SSE
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	41.2	64.6	8	16.4	28	714.1	0.0	0.91	8.5	40.0	20	SSE

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 10

Min <= 0.0: 0

Max Rain: 0.86 ON 11/30/07

Days of Rain: 2 (>.01 in) 1 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2007

NAME: Monticello LTSM CITY: STATE:  
 ELEV: 7000 ft LAT: 37° 54' 00" N LONG: 109° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	35.0	40.9	2:00a	27.5	12:00m	30.0	0.0	0.61	14.5	41.0	8:00a	SSE
2	27.7	32.9	2:00p	22.4	7:30a	37.3	0.0	0.00	7.0	22.0	12:30a	SE
3	32.2	44.7	2:30p	23.3	7:00a	32.8	0.0	0.00	4.9	19.0	10:30a	ESE
4	38.8	52.2	2:30p	30.7	4:30a	26.2	0.0	0.00	3.8	12.0	11:00a	N
5	37.5	43.7	12:30a	34.4	10:00p	27.5	0.0	0.00	8.5	26.0	10:30p	SE
6	34.6	39.8	12:30p	29.8	4:30a	30.4	0.0	0.00	8.3	26.0	12:30p	SE
7	34.7	38.7	5:00p	31.9	12:00m	30.3	0.0	0.38	15.0	41.0	7:00p	SSE
8	29.9	33.4	12:30p	24.9	12:00m	35.2	0.0	0.02	10.8	30.0	4:30p	SSE
9	23.9	28.3	2:00p	19.3	10:00p	41.1	0.0	0.02	7.2	23.0	1:00a	SSE
10	26.1	29.2	1:30p	22.4	2:30a	38.9	0.0	0.00	2.7	13.0	10:30a	NW
11	21.6	26.7	12:30p	13.4	12:00m	43.4	0.0	0.00	5.1	23.0	10:00a	WNW
12	18.0	27.1	2:00p	6.9	5:30a	47.0	0.0	0.17	2.9	9.0	1:30a	WSW
13	19.5	25.1	12:00p	13.5	5:30a	45.5	0.0	0.00	3.2	16.0	1:00p	SE
14	16.8	20.6	12:30a	10.6	11:00p	48.2	0.0	0.00	15.9	40.0	1:00p	WNW
15	13.8	23.2	2:30p	7.1	7:30a	51.2	0.0	0.02	5.2	22.0	1:00a	N
16	18.3	27.9	2:00p	10.1	1:30a	46.7	0.0	0.00	5.8	20.0	12:00m	SE
17	26.1	31.6	1:00p	21.2	12:30a	38.9	0.0	0.00	11.2	27.0	1:30a	SSE
18	27.1	31.8	2:00p	20.3	12:30a	37.9	0.0	0.00	9.8	26.0	12:30p	SSE
19	26.8	32.8	1:30p	19.1	12:00m	38.2	0.0	0.00	8.8	26.0	9:00a	SSE
20	27.7	31.4	8:00p	17.3	1:30a	37.3	0.0	0.01	19.1	39.0	3:00p	SSE
21	21.0	29.7	12:30a	15.7	12:00m	44.0	0.0	0.00	20.4	45.0	11:00p	WNW
22	15.3	21.5	2:30p	11.1	9:00p	49.7	0.0	0.00	14.2	44.0	12:30a	WNW
23	21.4	31.3	12:30p	11.3	2:30a	43.6	0.0	0.00	8.1	33.0	10:30a	WNW
24	26.1	34.9	11:00a	18.3	5:30a	38.9	0.0	0.00	11.4	35.0	3:30p	SE
25	17.1	24.6	12:30a	9.9	12:00m	47.9	0.0	0.00	20.8	39.0	4:00p	WNW
26	14.7	21.1	3:00p	7.4	8:00a	50.3	0.0	0.00	10.0	33.0	1:00p	SE
27	11.9	15.5	12:30a	7.8	12:00m	53.1	0.0	0.00	19.3	44.0	10:30a	WNW
28	9.4	16.9	1:30p	-0.9	7:00a	55.6	0.0	0.00	6.5	22.0	1:30p	SE
29	13.7	22.9	3:30p	6.0	12:30a	51.3	0.0	0.00	5.5	21.0	12:30p	SE
30	21.3	28.7	4:00p	10.9	6:30a	43.7	0.0	0.00	12.1	33.0	10:30a	SSE
31	14.4	21.4	12:30a	6.7	9:30p	50.6	0.0	0.00	12.6	32.0	11:00a	WNW
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	23.3	52.2	4	-0.9	28	1292.7	0.0	1.23	10.0	45.0	21	SSE

Max >= 90.0: 0  
 Max <= 32.0: 21  
 Min <= 32.0: 30  
 Min <= 0.0: 1

Max Rain: 0.61 ON 12/01/07

Days of Rain: 6 (>.01 in) 3 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration