

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
JANUARY 2010**

Date	Air Temp.		HDD	Cumul* HDD	Precip	Cumul Precip.	Snow Snow	Snow Depth	Soil Temperatures						Wind	Solar Radiation		
	Max.	Min.							2"		4"		8"				20"	40"
----- °F -----						in.		----- ° F -----						mi.	Langleys			
1	7	-13	68.0	2333.0	-	-	-	15	32	32	32	32	32	32	36	40	148	173
2	-1	-29	80.0	2413.0	-	-	-	15	32	32	32	32	32	32	36	40	128	186
3	-12	-29	85.5	2498.5	-	-	-	14	32	32	32	32	32	32	36	40	63	193
4	0	-30	80.0	2578.5	-	-	-	14	32	32	32	32	32	32	36	40	51	197
5	-4	-30	82.0	2660.5	-	-	-	14	32	32	32	31	32	32	36	40	45	191
6	0	-24	77.0	2737.5	-	-	-	14	32	31	31	31	32	32	36	40	25	194
7	13	0	58.5	2796.0	0.22	0.22	2.5	16	31	31	31	31	32	32	36	40	165	97
8	8	-8	65.0	2861.0	0.03	0.25	0.5	16	32	31	31	31	32	32	36	40	275	131
9	0	-25	77.5	2938.5	-	-	-	15	32	31	31	31	32	32	36	40	114	184
10	5	-24	74.5	3013.0	-	-	-	15	31	31	31	31	32	31	36	40	217	204
11	16	3	55.5	3068.5	-	-	-	15	31	31	31	31	31	31	36	40	232	159
12	17	2	55.5	3124.0	-	-	-	14	31	31	31	31	32	31	36	40	141	158
13	20	7	51.5	3175.5	-	-	-	14	31	31	31	31	32	32	36	40	332	180
14	29	11	45.0	3220.5	-	-	-	14	31	31	31	31	32	32	36	39	224	207
15	29	13	44.0	3264.5	T	-	T	14	32	31	31	31	32	32	36	39	164	101
16	26	13	45.5	3310.0	-	-	-	14	32	32	32	31	32	32	36	39	251	120
17	30	18	41.0	3351.0	-	-	-	14	32	32	32	32	32	32	36	39	272	211
18	29	6	47.5	3398.5	-	-	-	14	32	32	32	32	32	32	36	39	53	168
19	24	2	52.0	3450.5	-	-	-	14	32	32	32	31	32	32	36	39	15	158
20	22	6	51.0	3501.5	-	-	-	14	32	32	32	31	32	32	36	39	200	144
21	28	20	41.0	3542.5	0.03	0.28	-	14	32	32	32	31	32	32	36	39	318	130
22	30	26	37.0	3579.5	0.03	0.31	-	13	32	32	32	32	32	32	36	39	206	69
23	34	28	34.0	3613.5	0.03	0.34	-	13	32	32	32	32	32	32	36	39	445	94
24	35	31	32.0	3645.5	0.23	0.57	-	10	32	32	32	32	32	32	36	39	299	42
25	31	21	39.0	3684.5	0.01	0.58	0.2	10	32	32	32	32	32	32	36	39	312	96
26	21	1	54.0	3738.5	0.10	0.68	1.2	10	32	32	32	32	32	32	36	39	337	150
27	4	-2	64.0	3802.5	-	-	-	10	32	32	32	32	32	32	36	39	246	225
28	12	-5	61.5	3864.0	-	-	-	10	32	32	32	32	32	32	36	39	264	251
29	4	-13	69.5	3933.5	-	-	-	10	32	32	32	32	32	32	36	39	71	244
30	6	-13	68.5	4002.0	-	-	-	10	32	32	32	32	32	32	36	39	134	246
31	13	-2	59.5	4061.5	-	-	-	10	32	32	32	32	32	32	36	39	135	233
<b>Total</b>	15.4	-1.3	1796.5	4061.5	0.68	0.68	4.4		31.8	31.7	31.7	31.5	32.0	31.9			5882	5136
<b>Avg.</b>	<b>7.0</b>								<b>31.7</b>		<b>31.6</b>		<b>31.9</b>		<b>36.0</b>	<b>39.4</b>		
Dept. from Norma	-4.0		+129.5	-52.5	-0.71	-0.71	-8.7		+10.4		+8.6		+9.2		+4.3			-112

\* Since Nov. 1, 2009      \*\* Since Jan. 1, 2010      -12° on the 3<sup>rd</sup> set new Lowest Max.Temp-old record -7° set in 1919, -29° on the 2nd, -29° on the 3rd and -30° on the 4th set new lowest Min.Temp-old records -26° set in 1919, -27° set in 1924 and -28° set in 1924, 34° on the 23<sup>rd</sup> and 28° ties Highest Min.Temp-old record 28° set in 1990

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
FEBRUARY 2010**

Date	Air Temp.		Cumul*		Cumul**		Snow Depth	Soil Temperatures								Wind	Solar Radiation	
	Max.	Min.	HDD	HDD	Precip	Precip.		2"		4"		8"		20"	40"			
	----- °F-----							in.		° F								mi.
1	10	-2	61.0	4122.5	-	0	-	10	32	32	32	32	32	32	36	39	135	250
2	19	10	50.5	4173.0	0.15	0.83	1.8	12	32	32	32	32	32	32	36	39	243	151
3	16	-9	61.5	4234.5	-	0	-	12	32	32	32	32	32	32	36	39	115	206
4	25	-6	55.5	4290.0	-	0	-	12	32	31	32	31	32	32	35	38	207	226
5	31	25	37.0	4327.0	0.04	0.87	0.2	12	32	31	32	31	32	32	35	38	233	113
6	32	25	36.5	4363.5	0.02	0.89	0.4	12	32	32	32	32	32	32	35	38	287	181
7	25	15	45.0	4408.5	T		0.2	12	32	32	32	32	32	32	35	38	158	190
8	22	18	45.0	4453.5	0.27	1.16	3.5	15	32	32	32	32	32	32	35	38	295	186
9	22	5	51.5	4505.0	0.52	1.68	6.0	19	32	32	32	32	32	32	35	38	221	173
10	22	-13	60.5	4565.5	0.06	1.74	0.8	19	32	32	32	32	32	32	35	38	234	246
11	11	-14	66.5	4632.0	-		-	17	32	32	32	32	32	32	35	38	68	310
12	22	-1	54.5	4686.5	0.04	1.78	0.5	17	32	32	32	32	32	32	35	38	96	270
13	21	1	54.0	4740.5	-		-	17	32	32	32	32	32	32	35	38	52	258
14	19	-1	56.0	4796.5	T		T	17	32	32	32	32	32	32	35	38	58	210
15	21	4	52.5	4849.0	T		T	16	32	32	32	32	32	32	35	38	246	315
16	26	14	45.0	4894.0	0.10	1.88	1.2	17	32	32	32	32	32	32	35	38	221	273
17	25	4	50.5	4944.5	-		-	17	32	32	32	32	32	32	35	38	177	338
18	24	-7	56.5	5001.0	-		-	17	32	32	32	32	32	32	35	38	119	329
19	22	-6	57.0	5058.0	-		-	17	32	32	32	32	32	32	35	38	69	344
20	22	-1	54.5	5112.5	0.04	1.92	0.4	17	32	32	32	32	32	32	35	38	65	301
21	26	2	51.0	5163.5	T		T	17	32	32	32	32	32	32	35	38	55	315
22	22	7	50.5	5214.0	-		-	17	32	32	32	32	32	32	35	38	106	253
23	25	-4	54.5	5268.5	T		0.2	17	32	32	32	32	32	32	35	38	115	305
24	19	-13	62.0	5330.5	0.02	1.96	0.4	17	32	32	32	32	32	32	35	38	195	294
25	10	-12	66.0	5396.5	-		-	17	32	32	32	32	32	32	35	38	69	381
26	24	-12	59.0	5455.5	-		-	17	32	32	32	32	32	32	35	38	49	380
27	26	-10	57.0	5512.5	-		-	17	32	32	32	32	32	32	35	38	84	382
28	29	-3	52.0	5564.5	-		-	17	32	32	32	32	32	32	35	38	100	394
<b>Total</b>	22.1	0.6	1503.0	5564.5	1.26	1.96	15.6		32.0	31.9	32.0	31.9	32.0	32.0			4072	7574
<b>Avg.</b>	<b>11.3</b>								<b>32.0</b>		<b>32.0</b>		<b>32.0</b>		<b>35.1</b>	<b>38.1</b>		
Dept. from Norma	-6.6		+171.0	+118.5	+0.31	-0.38	+7.7		+8.5		+7.1		+6.6		+4.4			+669

\* Since Nov. 1, 2009

\*\* Since Jan. 1, 2010

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
MARCH 2010**

Date	Air Temp.		Cumul*		Cumul**		Snow Depth	Soil Temperatures								Wind	Solar Radiation	
	Max.	Min.	HDD	HDD	Precip	Precip.		2"		4"		8"		20"	40"			
	----- °F -----				----- in. -----			Max Min		Max Min.		Max. Min.						mi.
1	32	-1	49.5	5614.0	-	-	17	32	32	32	32	32	32	35	38	85	390	
2	35	3	46.0	5660.0	-	-	16	32	32	32	32	32	32	35	38	102	397	
3	33	0	48.5	5708.5	-	-	16	32	32	32	32	32	32	35	38	60	399	
4	33	3	47.0	5755.5	-	-	16	32	32	32	32	32	32	35	38	45	408	
5	35	9	43.0	5798.5	-	-	15	32	32	32	32	32	32	35	38	138	402	
6	37	21	36.0	5834.5	-	-	15	32	32	32	32	32	32	35	38	208	415	
7	37	26	33.5	5868.0	0.30	2.26	-	13	32	32	32	32	32	35	38	230	212	
8	41	32	28.5	5896.5	-	-	-	11	32	32	32	32	32	35	38	100	300	
9	34	32	32.0	5928.5	-	-	-	11	32	32	32	32	32	35	37	248	195	
10	38	32	30.0	5958.5	0.33	2.59	-	8	32	32	32	32	32	35	37	253	120	
11	38	33	29.5	5988.0	0.22	2.81	-	6	32	32	32	32	32	35	37	228	144	
12	42	33	27.5	6015.5	0.38	3.19	-	4	32	32	32	32	32	35	37	162	179	
13	41	34	27.5	6043.0	T	-	-	2	32	32	32	32	32	35	37	288	259	
14	40	36	27.0	6070.0	T	-	-	T	32	32	32	32	32	35	37	245	138	
15	49	34	23.5	6093.5	-	-	-	T	32	32	32	32	32	34	37	160	250	
16	44	35	25.5	6119.0	0.04	3.23	-	T	-	-	-	-	39	33	35	37	168	173
17	43	32	27.5	6146.5	0.07	3.30	-	-	-	-	-	-	39	36	36	37	124	95
18	54	32	22.0	6168.5	-	-	-	-	-	-	-	-	43	36	36	37	167	431
19	60	33	18.5	6187.0	-	-	-	-	-	-	-	-	46	38	37	37	172	424
20	33	24	36.5	6223.5	-	-	-	-	-	-	-	-	41	35	38	38	258	125
21	37	20	36.5	6260.0	-	-	-	-	-	-	-	-	37	34	38	38	115	477
22	47	22	30.5	6290.5	-	-	-	-	-	-	-	-	39	34	38	38	97	490
23	54	29	23.5	6314.0	-	-	-	-	-	-	-	-	41	35	38	38	233	435
24	59	32	19.5	6333.5	-	-	-	-	-	-	-	-	44	37	38	39	197	485
25	54	28	24.0	6357.5	-	-	-	-	-	-	-	-	45	39	39	39	185	411
26	39	24	33.5	6391.0	-	-	-	-	-	-	-	-	42	37	40	39	229	507
27	51	27	26.0	6417.0	T	-	-	-	-	-	-	-	42	37	40	39	356	445
28	48	33	24.5	6441.5	0.11	3.41	-	-	-	-	-	-	42	40	40	40	169	179
29	52	26	26.0	6467.5	-	-	-	-	-	-	-	-	46	39	40	40	177	526
30	61	32	18.5	6486.0	-	-	-	-	-	-	-	-	47	38	40	40	347	508
31	77	50	1.5	6487.5	-	-	-	-	-	-	-	-	50	43	41	40	448	329
<b>Total</b>	<b>44.5</b>	<b>26.0</b>	<b>923.0</b>	<b>6487.5</b>	<b>1.45</b>	<b>3.41</b>	<b>0.0</b>		<b>32.0</b>	<b>32.0</b>	<b>32.0</b>	<b>32.0</b>	<b>37.5</b>	<b>34.5</b>			<b>5994</b>	<b>10248</b>
<b>Avg.</b>	<b>35.2</b>								<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36.0</b>	<b>36.7</b>	<b>38.0</b>			
Dept. from																		
Normal	<b>+4.9</b>		<b>-184.0</b>	<b>-65.5</b>	<b>-1.04</b>	<b>-1.42</b>	<b>-10.1</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>+6.3</b>	<b>+4.3</b>				<b>+366</b>

\* Since Nov. 1, 2009

\*\* Since Jan. 1, 2010

UNIVERSITY OF MINNESOTA  
 SOUTHERN RESEARCH AND OUTREACH CENTER  
 35838 120th Street  
 Waseca, MN 56093-4521  
 APRIL 2010

Date	Air Temp.		HDD	Cumul* HDD	Precip	Cumul** Precip.	Snow Depth	Snow Evap	Soil Temperatures						Wind	Solar Radiation			
	Max.	Min.							2"		4"		8"				20"	40"	
----- °F -----		----- in. -----						----- ° F -----						mi.	Langleys				
1	76	49	2.5	6490.0	-	-	-	-	-	-	-	-	56	48	42	40	217	456	
2	84	51	0.0	6490.0	-	-	-	-	-	-	-	-	57	50	44	41	362	403	
3	66	32	16.0	6506.0	0.08	3.49	-	-	-	-	-	-	55	47	46	42	348	153	
4	62	36	16.0	6522.0	-	-	-	-	-	-	-	-	53	47	46	42	328	445	
5	66	32	16.0	6538.0	-	-	-	-	-	-	-	-	56	48	46	43	150	490	
6	60	38	16.0	6554.0	0.06	3.55	-	-	-	-	-	-	52	48	47	43	202	259	
7	49	37	22.0	6576.0	0.18	3.73	-	-	-	-	-	-	50	44	47	44	347	70	
8	55	29	23.0	6599.0	-	-	-	-	-	-	-	-	51	44	46	44	241	564	
9	50	26	27.0	6626.0	-	-	-	-	-	-	-	-	51	42	46	44	148	560	
10	70	35	12.5	6638.5	-	-	-	-	-	-	-	-	53	42	46	44	221	536	
11	62	32	18.0	6656.5	-	-	-	-	-	-	-	-	55	46	46	44	89	460	
12	70	44	8.0	6664.5	-	-	-	1.33	-	-	-	-	56	46	47	44	170	554	
13	69	48	6.5	6671.0	0.06	3.79	-	-	63	50	57	50	55	50	47	45	297	298	
14	77	50	1.5	6672.5	-	-	-	-	66	50	60	50	58	50	48	45	391	443	
15	76	60	0.0	6672.5	0.27	4.06	-	-	64	53	60	53	58	53	49	45	334	303	
16	71	44	7.5	6680.0	0.11	4.17	-	-	68	47	62	50	59	51	50	46	260	403	
17	59	37	17.0	6697.0	-	-	-	-	66	43	60	47	57	48	50	46	247	581	
18	63	35	16.0	6713.0	-	-	-	-	69	43	62	47	58	48	50	46	135	609	
19	67	43	10.0	6723.0	-	-	-	1.48	74	44	65	48	60	49	50	47	122	588	
20	69	42	9.5	6732.5	-	-	-	-	73	49	65	52	61	52	50	47	118	530	
21	72	41	8.5	6741.0	-	-	-	-	72	50	65	52	62	52	51	47	112	509	
22	65	36	14.5	6755.5	-	-	-	-	72	48	65	51	61	52	52	48	217	590	
23	69	42	9.5	6765.0	-	-	-	-	76	48	67	51	62	52	52	48	178	636	
24	68	52	5.0	6770.0	0.62	4.79	-	-	63	53	60	53	58	54	52	48	370	294	
25	66	48	8.0	6778.0	0.04	4.83	-	-	67	51	62	53	60	54	52	48	309	408	
26	56	44	15.0	6793.0	0.04	4.87	-	-	1.33	54	47	54	49	54	50	52	49	229	169
27	55	39	18.0	6811.0	-	-	-	-	62	42	57	47	56	48	52	49	174	356	
28	60	38	16.0	6827.0	-	-	-	-	69	43	62	47	59	48	51	49	156	639	
29	69	46	7.5	6834.5	-	-	-	-	72	45	63	48	60	50	51	49	369	621	
30	80	56	0.0	6834.5	0.14	5.01	-	-	0.87	67	55	62	56	60	55	52	49	372	267
<b>Total</b>	<b>66.0</b>	<b>41.4</b>	<b>347.0</b>	<b>6834.5</b>	<b>1.60</b>	<b>5.01</b>	<b>0.0</b>	<b>5.01</b>	<b>67.6</b>	<b>47.8</b>	<b>61.6</b>	<b>50.2</b>	<b>56.8</b>	<b>48.9</b>			<b>7213</b>	<b>13194</b>	
<b>Avg.</b>	<b>53.7</b>								<b>57.7</b>		<b>55.9</b>		<b>52.9</b>		<b>48.7</b>	<b>45.5</b>			
Dept. from Normal	<b>+8.8</b>		<b>-245.0</b>	<b>-319.5</b>	<b>-1.63</b>	<b>-3.05</b>	<b>-4.0</b>		<b>-</b>		<b>-</b>		<b>+11.8</b>	<b>+8.8</b>			<b>+1687</b>		

\* Since Nov. 1, 2009

\*\* Since Jan. 1, 2010

84° on the 2<sup>nd</sup> set new Highest Max Temp-old record 75° 1963  
 60° on the 15<sup>th</sup> set new Highest Min Temp-old record 56° 2003

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
MAY 2010**

Date	Air Temp.		GDU	Cumul.* GDU	Cumul.**			Soil Temperatures								Wind	Solar Radiation
	Max.	Min.			Precip.	Precip.	Evap.	2"		4"		8"		20"	40"		
	° F				in.	° F		Max.	Min.	Max.	Min.	Max.	Min.				
1	71	44	10.5	10.5	T		0.23	70	50	64	53	62	54	53	49	278	388
2	67	40	8.5	19.0	-			65	48	61	51	60	52	53	49	309	491
3	68	39	9.0	28.0	-		0.54	71	48	64	51	61	52	53	50	276	556
4	60	40	5.0	33.0	-			63	49	59	51	58	52	53	50	190	322
5	83	39	16.5	49.5	0.01	5.02		70	48	64	51	61	52	53	50	314	474
6	57	39	3.5	53.0	-			60	47	58	50	56	51	53	50	355	382
7	52	42	1.0	54.0	0.24	5.26		57	48	55	50	54	50	53	50	169	210
8	50	34	0.0	54.0	0.48	5.74		53	41	52	44	52	45	52	50	246	110
9	49	29	0.0	54.0	0.02	5.76		54	38	51	42	50	43	51	50	137	382
10	55	36	2.5	56.5	-		1.80	60	38	56	42	53	43	50	50	145	481
11	56	40	3.0	59.5	0.67	6.43		52	43	51	45	51	46	50	50	371	176
12	44	40	0.0	59.5	0.06	6.49		47	43	47	45	47	45	50	49	217	102
13	48	42	0.0	59.5	0.23	6.72		48	44	47	45	47	45	49	49	229	102
14	55	42	2.5	62.0	0.29	7.01		53	43	51	45	50	46	48	49	291	185
15	70	43	10.0	72.0	-			69	44	62	45	57	46	48	49	152	697
16	72	50	11.0	83.0	-			69	48	64	50	61	49	49	48	131	503
17	73	48	11.5	94.5	-		0.63	77	52	68	53	64	53	51	49	181	678
18	75	49	12.5	107.0	-			81	54	72	56	66	55	52	49	134	704
19	75	48	12.5	119.5	-			75	54	70	57	66	57	53	49	130	584
20	80	56	18.0	137.5	-			83	55	73	57	68	57	54	50	173	706
21	79	56	17.5	155.0	0.03	7.04		77	58	71	60	67	60	55	51	249	521
22	64	53	8.5	163.5	T			67	56	64	58	63	58	56	51	131	169
23	83	59	21.0	184.5	0.01	7.05		76	58	69	58	66	58	56	51	448	506
24	89	72	29.0	213.5	-		1.81	83	68	76	66	72	65	57	52	341	448
25	95	61	23.5	237.0	0.08	7.13		89	68	80	69	75	68	58	52	355	664
26	90	63	24.5	261.5	1.08	8.21		94	66	82	68	77	67	60	53	128	563
27	78	56	17.0	278.5	-			82	59	76	62	72	62	61	54	182	673
28	81	56	18.5	297.0	-			91	60	80	62	75	62	61	54	182	744
29	88	62	24.0	321.0	-			92	63	82	65	77	65	62	55	199	736
30	89	65	25.5	346.5	-			92	67	82	68	78	68	63	56	243	739
31	82	50	16.0	362.5	0.07	8.28	2.67	91	60	81	65	78	65	64	56	170	470
Totals	70.3	48.2	362.5	362.5	3.27	8.28	7.68	71.3	52.2	65.5	54.3	62.7	54.5		50.8	7056	14466
Avg.	59.2							61.8		59.9		58.6		54.2			
Dept. from normal	+0.8		+25.5	+25.5	-0.69	-3.74	-0.41	+1.9		+1.3		+2.9		+0.6			-67

\* Since May 1, 2010

\*\* Since January 1, 2010

72° on the 24<sup>th</sup> set new Highest Min Temp-Old record 63° set in 2006  
95° on the 25<sup>th</sup> ties Highest Max Temp set in 1939

UNIVERSITY OF MINNESOTA  
 SOUTHERN RESEARCH AND OUTREACH CENTER  
 35838 120TH STREET  
 WASECA, MINNESOTA 56093-4521  
 JUNE 2010

Date	Air Temp.		GDU	Cumul.* GDU	Precip.	Cumul.** Precip.	Evap.	Soil Temperatures								Wind mi.	Solar Radiation Langleys
	Max.	Min.						2"		4"		8"		20"	40"		
	----- ° F -----							Max.	Min.	Max.	Min.	Max.	Min.	20"	40"		
1	79	55	17.0	379.5	-		0.32	90	62	81	65	77	65	64	57	141	732
2	83	58	20.5	400.0	0.24	8.52		79	62	74	65	72	65	64	57	182	328
3	67	48	8.5	408.5	0.05	8.57		70	56	68	60	67	60	63	58	112	245
4	76	58	17.0	425.5	0.47	9.04		85	58	76	60	72	60	62	58	191	578
5	82	63	22.5	448.0	T			81	64	75	66	71	65	62	58	135	552
6	75	52	13.5	461.5	0.28	9.32		70	56	69	59	67	60	63	58	167	257
7	76	52	14.0	475.5	-		1.20	81	58	74	59	70	60	62	58	160	728
8	76	60	18.0	493.5	0.30	9.62		85	61	77	62	74	62	62	58	146	525
9	71	56	13.5	507.0	0.23	9.85		70	58	68	62	67	62	62	58	189	217
10	72	57	14.5	521.5	-			76	60	72	62	69	62	62	58	197	652
11	68	58	13.0	534.5	1.24	11.09		66	60	64	62	64	62	62	58	243	121
12	75	58	16.5	551.0	0.02	11.11		76	62	72	63	70	63	62	58	231	461
13	61	57	9.0	560.0	0.07	11.18		64	61	64	62	64	62	62	58	164	121
14	64	57	10.5	570.5	0.03	11.21	0.77	66	60	64	61	64	61	61	58	112	139
15	67	59	13.0	583.5	0.27	11.48		70	60	66	61	65	61	61	58	174	259
16	75	55	15.0	598.5	-			77	59	71	62	69	62	61	58	162	542
17	82	63	22.5	621.0	-			91	62	80	62	75	62	61	58	138	709
18	87	61	23.5	644.5	3.93	15.41	1.70	88	64	80	67	76	67	63	58	289	543
19	77	60	18.5	663.0	T			75	60	72	63	70	64	64	58	239	440
20	75	60	17.5	680.5	0.19	15.60		80	60	74	63	71	64	64	59	154	656
21	78	61	19.5	700.0	0.06	15.66	0.64	80	63	74	65	72	64	64	59	139	454
22	78	61	19.5	719.5	0.03	15.69		79	64	74	66	72	66	64	60	108	322
23	89	65	25.5	745.0	0.38	16.07		93	64	82	66	78	66	64	60	160	689
24	77	56	16.5	761.5	-			81	62	76	65	74	66	65	60	161	430
25	80	59	19.5	781.0	-			89	62	81	65	77	66	65	60	98	709
26	85	62	23.5	804.5	0.68	16.75		89	66	80	68	78	68	66	60	175	518
27	82	65	23.5	828.0	1.11	17.86		83	68	78	69	77	69	66	61	141	398
28	80	58	19.0	847.0	0.06	17.92	1.81	83	63	78	67	76	68	67	61	129	554
29	72	53	12.5	859.5	-			79	60	74	64	72	65	67	62	146	510
30	72	52	12.0	871.5	-		0.46	91	60	80	64	77	64	66	62	110	751
Totals	76.0	58.0	509.00	871.5	9.64	17.92	6.90	79.6	61.2	73.9	63.5	71.6	63.7			4893	14140
Avg.	<b>67.0</b>							<b>70.4</b>		<b>68.7</b>		<b>67.6</b>		<b>63.4</b>			
Dept. from normal	-0.8		-23.0	+3.5	+5.42	+1.68	-1.84	-0.8		-1.1		-0.9		-0.1			-1457

\* Since May 1, 2010 \*\* Since January 1, 2010

UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
JULY 2010

Date	Air Temp.		GDU	Cumul.* GDU	Cumul.**			Soil Temperatures								Wind mi.	Solar Radiation Langleys
	Max.	Min.			Precip.	Precip.	Evap.	2"		4"		8"		20"	40"		
	----- ° F -----				----- in. -----			----- ° F -----									
1	78	58	18.0	889.5	-		0.27	92	62	82	66	79	66	66	62	160	735
2	83	64	23.5	913.0	-			93	67	84	70	80	70	67	62	237	732
3	84	65	24.5	937.5	-			92	69	84	75	80	71	68	62	295	723
4	88	70	28.0	965.5	T			93	73	86	74	82	73	69	63	274	624
5	79	65	22.0	987.5	0.10	18.02	1.41	81	70	78	72	77	73	69	63	99	213
6	80	68	24.0	1011.5	0.26	18.28		84	70	80	72	78	72	70	64	95	385
7	84	64	24.0	1035.5	-			96	71	86	73	81	73	70	64	62	564
8	84	61	22.5	1058.0	1.04	19.32		91	67	83	70	81	71	70	64	98	411
9	81	58	19.5	1077.5	-			89	66	82	70	79	70	70	64	67	694
10	85	62	23.5	1101.0	-			95	66	85	70	82	70	70	64	104	658
11	85	63	24.0	1125.0	0.73	20.05		96	70	86	73	82	73	70	65	193	671
12	82	61	21.5	1146.5	0.03	20.08	1.65	87	66	81	70	78	71	71	65	108	484
13	78	61	19.5	1166.0	T			92	66	83	70	80	70	71	65	106	650
14	82	62	22.0	1188.0	-			93	68	84	71	81	71	70	65	207	613
15	91	60	23.0	1211.0	0.20	20.28		92	62	85	72	82	73	71	66	182	436
16	82	62	22.0	1233.0	-			93	68	85	72	82	72	71	66	138	702
17	87	62	24.0	1257.0	-			97	70	88	73	85	73	71	66	109	634
18	90	66	26.0	1283.0	0.02	20.30		101	72	91	75	86	75	72	66	149	644
19	82	57	19.5	1302.5	-		1.74	97	72	89	76	85	76	73	66	107	621
20	79	60	19.5	1322.0	-			87	70	82	74	80	74	73	67	73	349
21	84	57	20.5	1342.5	T			94	70	87	73	84	74	73	67	89	602
22	85	60	22.5	1365.0	2.66	22.96		100	71	90	74	86	74	73	67	109	652
23	80	67	23.5	1388.5	0.10	23.06		85	72	81	72	80	74	74	67	102	348
24	84	65	24.5	1413.0	0.53	23.59		92	71	86	73	82	74	73	68	126	623
25	80	58	19.0	1432.0	-			88	67	82	71	79	71	73	68	95	593
26	82	62	22.0	1454.0	-		1.92	97	67	86	71	83	71	73	68	60	692
27	83	66	24.5	1478.5	-			94	71	85	74	83	73	73	68	133	586
28	90	67	26.5	1505.0	0.46	24.05		98	73	89	77	85	76	73	68	183	625
29	78	58	18.0	1523.0	-			88	67	83	72	80	72	74	68	88	676
30	80	60	20.0	1543.0	0.48	24.53		93	67	84	71	82	71	73	68	75	551
31	75	64	19.5	1562.5	-		1.32	78	68	76	71	76	71	73	68	90	253
Totals	82.7	62.4	691.0	1562.5	6.61	24.53	8.31	91.9	68.7	84.3	72.2	81.3	72.2			4013	17744
Avg.	<b>72.5</b>							<b>80.3</b>		<b>78.2</b>		<b>76.7</b>		<b>71.2</b>			
Dept. from normal	+1.5		+47.0	+50.5	+2.14	+3.82	+0.16	+2.5		+1.7		+3.7		+0.6			+1261

\* Since May 1, 2010

\*\* Since January 1, 2010

UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
AUGUST 2010

Date	Air Temp.		GDU	Cumul.* GDU	Cumul.**			Soil Temperatures								Wind	Solar Radiation
	Max.	Min.			Precip.	Precip.	Evap.	2"		4"		8"		20"	40"		
	° F				in.			° F									
1	84	64	24.0	1586.5	-		0.15	91	68	83	71	80	71	72	68	62	618
2	86	66	26.0	1612.5	0.19	24.72	0.14	98	69	86	72	84	72	72	68	141	640
3	81	68	24.5	1637.0	0.09	24.81		84	72	80	74	79	74	73	68	111	352
4	89	69	27.5	1664.5	-			91	72	85	74	83	74	73	68	81	514
5	85	61	23.0	1687.5	T			98	71	87	76	85	76	73	68	84	595
6	77	54	15.5	1703.0	-			94	68	85	73	83	73	74	69	86	623
7	82	56	19.0	1722.0	-			97	68	85	72	83	73	74	69	75	619
8	85	66	25.5	1747.5	0.34	25.15		88	72	81	75	80	75	74	69	197	515
9	93	70	28.0	1775.5	0.06	25.21	1.57	99	74	88	76	86	76	74	69	92	577
10	89	71	28.5	1804.0	0.06	25.27		100	75	88	78	88	78	74	69	93	593
11	86	69	27.5	1831.5	0.13	25.40		94	73	85	76	83	76	75	69	153	398
12	90	69	27.5	1859.0	-			99	73	87	76	85	76	75	70	71	520
13	90	69	27.5	1886.5	0.70	26.10		99	75	89	78	87	77	75	70	149	542
14	86	65	25.5	1912.0	0.25	26.35		89	71	83	75	82	75	76	70	114	381
15	84	58	21.0	1933.0	-			90	65	84	71	82	72	75	70	112	533
16	75	51	13.0	1946.0	-		1.55	87	63	80	69	78	70	74	70	148	580
17	78	53	15.5	1961.5	-			91	63	82	68	79	69	74	70	110	615
18	76	55	15.5	1977.0	-			90	66	81	70	79	70	73	70	137	540
19	79	61	20.0	1997.0	0.03	26.38		89	69	80	71	78	71	73	70	170	425
20	85	68	26.5	2023.5	-			87	71	80	73	79	73	73	70	128	331
21	86	66	26.0	2049.5	-			91	73	82	75	81	75	73	69	96	363
22	84	63	23.5	2073.0	-			95	72	86	75	84	75	73	69	87	479
23	88	64	25.0	2098.0	-		1.15	98	72	87	75	84	75	74	69	138	575
24	86	64	25.0	2123.0	0.16	26.54		96	73	87	77	84	77	74	70	149	568
25	75	50	12.5	2135.5	-			90	64	82	70	79	70	75	70	103	524
26	71	46	10.5	2146.0	-			89	63	81	69	78	69	74	70	81	586
27	80	49	15.0	2161.0	-			89	63	80	68	78	68	73	70	151	570
28	85	62	23.5	2184.5	-			90	68	81	71	79	71	73	70	256	574
29	87	63	24.5	2209.0	-			91	69	82	72	80	72	73	70	224	572
30	92	65	25.5	2234.5	-		1.89	92	70	83	73	81	73	73	70	249	546
31	89	67	26.5	2261.0	0.42	26.96	0.37	94	74	86	77	83	76	73	70	253	536
Totals	84.0	62.0	698.5	2261.0	2.43	26.96	6.82	92.6	69.6	83.8	73.2	81.7	73.3			4101	16404
Avg.	<b>73.0</b>							<b>81.1</b>		<b>78.5</b>		<b>77.5</b>		<b>73.7</b>			
Dept. from normal	+4.1		+114.5	+165.0	-2.15	+1.67	+0.33	+5.8		+3.8		+4.9		+3.1			+2271

\* Since May 1, 2010

\*\* Since January 1, 2010



UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
SEPTEMBER 2010

Date	Air Temp.		GDU	Cumul.* GDU	Precip.	Cumul.** Precip.	Evap.	Soil Temperatures						Wind	Solar Radiation		
	Max.	Min.						2"		4"		8"				20"	40"
	° F							° F						mi.	Langleys		
1	87	58	22.0	2283.0	0.93	27.89	0.23	89	66	82	71	80	72	74	70	114	336
2	75	58	16.5	2299.5	0.75	28.64		80	65	76	67	75	69	74	70	129	467
3	71	54	12.5	2312.0	0.11	28.75		74	58	71	63	71	64	72	70	199	286
4	61	42	5.5	2317.5	-			63	51	64	57	64	58	71	70	179	197
5	69	43	9.5	2327.0	-			74	50	68	56	66	58	69	69	100	501
6	78	52	15.0	2342.0	-		0.90	77	55	70	59	69	60	68	68	161	420
7	74	53	13.5	2355.5	0.17	28.92		72	57	68	61	68	62	67	68	236	160
8	66	39	8.0	2363.5	-			69	51	65	57	64	58	67	67	185	304
9	70	40	10.0	2373.5	0.34	29.26		81	51	71	56	68	57	66	67	92	523
10	65	54	9.5	2383.0	0.24	29.50		65	58	64	58	63	60	66	66	200	152
11	68	53	10.5	2393.5	0.26	29.76		64	57	62	60	62	60	65	66	180	150
12	72	45	11.0	2404.5	-			73	53	68	58	65	58	65	66	120	513
13	80	46	15.0	2419.5	-		0.97	81	53	71	57	68	58	64	65	90	516
14	75	46	12.5	2432.0	-			82	56	73	60	70	60	65	65	89	509
15	71	51	11.0	2443.0	0.33	30.09		75	58	69	61	67	61	65	65	146	338
16	77	49	13.5	2456.5	1.25	31.34		72	57	69	60	67	61	65	65	162	231
17	54	49	2.0	2458.5	T			61	53	61	56	61	57	65	65	114	100
18	63	45	6.5	2465.0	-			63	52	61	56	61	57	64	64	11	113
19	56	45	3.0	2468.0	-			62	51	59	55	59	56	63	64	79	224
20	65	50	7.5	2475.5	T		1.01	67	52	62	55	61	55	62	64	136	293
21	87	53	19.5	2495.0	0.50	31.84		74	56	66	57	66	58	62	63	234	250
22	73	49	11.5	2506.5	-			76	54	70	59	68	60	62	63	114	371
23	67	48	8.5	2515.0	5.63	37.47		64	54	62	58	62	58	63	63	169	158
24	72	52	12.0	2527.0	2.02	39.49		67	56	65	60	65	60	62	63	287	44
25	59	44	4.5	2531.5	0.11	39.60		64	50	61	54	60	54	63	63	181	262
26	59	38	4.5	2536.0	0.02	39.62		61	46	59	51	59	52	62	63	62	175
27	68	38	9.0	2545.0	-		0.28	70	46	63	50	60	51	61	62	72	466
28	74	42	12.0	2557.0	-			66	47	62	51	60	52	60	62	163	411
29	70	51	10.5	2567.5	-			75	53	67	55	65	56	60	62	112	435
30	77	45	13.5	2581.0	-			76	54	68	57	66	57	60	61	148	419
Totals	70.1	47.7	320.0	2581.0	12.66	39.62	3.39	71.2	54.0	66.0	57.8	65.3	58.6			4264	9324
Avg.	58.9							62.6		61.9		62.0		65.1			
Dept. from normal	-1.3		-2.0	+113.0	+9.47	+11.14		-1.4		-2.7		-1.8		-0.2			-1381

\* Since May 1, 2010      \*\* Since January 1, 2010

61° on the 4<sup>th</sup> set new Lowest Max Temp-old record 62° set in 1974  
54° on the 17<sup>th</sup> set new Lowest Max Temp-old record 54° set in 1973

UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
OCTOBER 2010

Date	Air Temp.		GDU	Cumul* GDU	Precip	Cumul** Precip.	Snow Snow	Snow Depth	Soil Temperatures						Wind	Solar Radiation		
	Max.	Min.							2"		4"		8"				20"	40"
	----- °F -----								----- °F -----		----- °F -----		----- °F -----				----- °F -----	
1	72	41	11.0	2592.0	-				76	53	69	57	66	58	61	61	63	434
2	73	42	11.5	2603.5	T				73	52	66	56	64	57	61	61	131	333
3	55	29	2.5	2606.0	-				67	46	62	51	61	52	61	61	94	366
4	60	29	FROST		-				68	45	62	50	60	51	60	61	93	420
5	66	37			-				67	46	62	51	60	52	60	61	151	415
6	74	42			-				69	49	63	52	61	53	59	61	221	395
7	72	33			-				72	50	66	55	64	55	59	61	113	386
8	76	32			-				72	48	65	53	63	54	60	60	109	404
9	88	53			-				75	54	68	56	66	56	60	60	153	361
10	90	55			T				77	58	70	60	68	60	60	60	123	338
11	81	47			-				76	57	69	60	67	60	61	60	81	332
12	80	46			-				77	56	70	59	67	60	62	61	47	341
13	70	38			-				72	52	67	57	65	58	62	61	169	338
14	64	36			-				68	48	63	53	62	54	62	61	118	345
15	68	38			-				66	48	61	52	60	53	61	61	204	347
16	62	38			-				67	48	61	56	59	53	60	61	157	350
17	66	31			-				65	47	60	56	59	52	59	60	162	331
18	59	31			-				62	46	58	54	57	51	59	60	137	276
19	55	33			-				63	46	58	50	57	50	58	60	78	291
20	60	35			-				62	45	57	49	56	50	58	60	111	311
21	69	31			-				61	43	57	48	55	49	57	61	228	315
22	53	32			-				57	43	54	46	53	47	57	59	139	316
23	69	37			0.03	39.65			59	42	55	46	54	47	56	59	234	297
24	69	54			0.30	39.95			61	53	58	53	57	53	56	58	188	140
25	57	52			T				59	54	57	55	57	55	56	58	136	60
26	62	48			0.28	40.23			58	54	57	55	57	55	56	58	374	88
27	48	38			0.38	40.61			54	40	56	45	56	46	57	58	650	44
28	39	32			0.03	40.64	T		43	39	45	43	46	43	55	58	483	85
29	37	23			-				44	35	44	39	44	40	54	57	184	161
30	57	23			-				46	34	44	38	42	39	52	57	238	262
31	51	26			-				50	36	47	40	43	41	51	56	145	280
<b>Total</b>	<b>64.6</b>	<b>37.5</b>	<b>25.0</b>		<b>1.02</b>	<b>40.64</b>	<b>0.0</b>		<b>64.1</b>	<b>47.3</b>	<b>59.7</b>	<b>51.5</b>	<b>58.3</b>	<b>51.7</b>			<b>5514</b>	<b>9162</b>
<b>Avg.</b>	<b>51.0</b>								<b>55.7</b>		<b>55.6</b>		<b>55.0</b>		<b>58.4</b>	<b>59.7</b>		
Dept. from Normal	+3.3		+4.0	+138.0	-1.48	+9.66	-0.6		+6.5		+4.9		+4.6		+4.4			+1553

90° tied Highest Max. temp.-old record set in 1928

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
NOVEMBER 2010**

Date	Air Temp.		Cumul*		Cumul**		Snow Depth	Soil Temperatures								Wind	Solar Radiation	
	Max.	Min.	HDD	HDD	Precip	Precip.		2"		4"		8"		20"	40"			
	° F						in.		° F								mi.	Langleys
1	48	28	27.0	27.0	-				49	35	45	39	44	40	50	56	109	264
2	52	29	24.5	51.5	-				49	35	45	38	44	39	50	55	125	255
3	56	32	21.0	72.5	-				50	36	45	39	45	40	49	54	219	266
4	54	35	20.5	93.0	-				51	39	47	42	46	42	49	54	270	264
5	44	24	31.0	124.0	-				47	34	45	38	45	39	49	54	241	242
6	44	24	31.0	155.0	-				45	34	42	37	42	38	49	53	157	269
7	57	30	21.5	176.5	-				47	34	44	37	43	38	48	53	332	245
8	66	34	15.0	191.5	-				53	38	48	40	47	41	48	52	217	248
9	66	41	11.5	203.0	-				54	42	50	44	49	44	48	52	221	246
10	68	43	9.5	212.5	-				55	43	51	45	50	45	49	52	304	223
11	67	30	16.5	229.0	0.06	40.70			57	42	53	46	52	47	50	52	302	192
12	53	30	23.5	252.5	0.17	40.87			51	41	48	44	48	44	50	52	152	238
13	38	32	30.0	282.5	1.30	42.17	2.2	2	42	35	44	38	44	40	50	52	282	31
14	32	30	34.0	316.5	0.30	42.47	2.0	4	35	34	38	37	40	38	49	52	302	64
15	32	26	36.0	352.5	T		T	4	34	34	37	37	38	37	47	52	172	140
16	35	25	35.0	387.5	0.02	42.49		4	34	34	37	36	37	37	46	51	90	215
17	36	28	33.0	420.5	0.02	42.51		4	34	34	36	36	37	36	45	51	155	73
18	35	25	35.0	455.5	-			3	34	34	36	36	37	36	44	50	183	223
19	34	25	35.5	491.0	-			3	34	34	36	35	36	36	44	50	292	102
20	35	18	38.5	529.5	-			2	34	33	36	34	36	35	44	49	250	134
21	32	18	40.0	569.5	-			2	33	32	34	34	35	34	43	49	312	193
22	35	30	32.5	602.0	0.04	42.55		1	33	32	34	34	34	34	42	48	170	22
23	30	10	45.0	647.0	0.02	42.57	T	1	33	30	34	33	34	33	42	48	254	31
24	24	9	48.5	695.5	-			1	31	28	33	31	33	32	42	48	209	28
25	32	7	45.5	741.0	0.11	42.68	0.5	1	31	29	32	31	32	32	41	47	282	45
26	14	4	56.0	797.0	T		T	1	29	26	31	29	32	29	40	47	259	182
27	26	7	48.5	845.5	-			1	30	25	30	28	30	28	40	46	173	158
28	32	7	45.5	891.0	-			1	29	25	30	28	30	28	39	46	202	190
29	44	30	28.0	919.0	-			T	32	29	32	30	31	30	39	46	425	176
30	39	21	35.0	954.0	0.42	43.10	T	T	32	32	32	31	32	31	38	45	270	26
<b>Total</b>	42.0	24.4	954.0	954.0	2.46	43.10	4.7		40.1	33.8	39.5	36.2	39.4	36.8			6931	4985
<b>Avg.</b>	<b>33.2</b>								<b>36.9</b>		<b>37.9</b>		<b>38.1</b>		<b>45.5</b>	<b>50.5</b>		
Dept. from Norma	+1.8		-33.0	-33.0	+0.14	+9.80	-3.7		+3.2		+1.4		+0.80		+2.2			+498

\* Since Nov. 1, 2010

\*\* Since Jan. 1, 2010

43° on the 10<sup>th</sup> ties Highest Min. Temp - old record set in 1964  
67° on the 11<sup>th</sup> set new Highest Max. Temp - old record 64° set in 1923

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
DECEMBER 2010**

Date	Air Temp.		Cumul*		Cumul**		Snow Depth	Soil Temperatures								Wind	Solar Radiation	
	Max.	Min.	HDD	HDD	Precip	Precip.		2"		4"		8"		20"	40"			
	----- °F-----						----- in.-----		° F-----								mi.	Langleys
1	22	10	49.0	1003.0	0.02	43.12	0.4	T	32	27	32	31	32	31	38	45	317	61
2	18	10	51.0	1054.0	-		-	T	30	26	31	29	31	29	38	44	158	176
3	23	8	49.5	1103.5	-		-	T	30	23	30	27	30	26	38	44	89	164
4	20	12	49.0	1152.5	0.43	43.55	6.2	6	29	23	30	27	29	26	38	44	222	41
5	20	-5	57.5	1210.0	-		-	6	30	29	30	30	30	29	37	44	141	162
6	15	-4	59.5	1269.5	T		0.2	6	30	29	30	30	30	30	37	44	162	119
7	15	1	57.0	1326.5	T		T	5	30	30	31	30	30	30	37	43	79	181
8	14	-7	61.5	1388.0	-		-	5	30	29	31	30	30	30	37	43	69	182
9	18	-8	60.0	1448.0	-		-	5	30	29	30	29	30	30	37	43	154	179
10	32	16	41.0	1489.0	0.01	43.56	T	4	30	29	30	30	31	30	37	43	234	115
11	31	22	38.5	1527.5	0.33	43.89	1.5	4	31	30	31	30	31	30	36	42	234	101
12	23	-4	55.5	1583.0	1.32	45.21	11.0	15	31	31	31	31	31	31	36	42	429	39
13	1	-16	72.5	1655.5	-		-	14	31	30	31	31	31	30	36	42	211	152
14	-2	-13	72.5	1728.0	-		-	14	30	30	31	30	30	30	36	42	89	147
15	14	-2	59.0	1787.0	-		-	13	30	30	30	30	30	30	36	42	240	91
16	16	14	50.0	1837.0	0.40	45.61	5.0	16	30	30	31	30	31	30	36	42	256	69
17	18	-8	60.0	1897.0	0.13	45.74	3.0	18	31	30	31	31	31	31	36	42	114	108
18	13	-8	62.5	1959.5	-		-	16	31	31	31	31	31	31	36	42	164	189
19	12	-5	61.5	2021.0	T		T	16	31	31	31	31	31	31	36	41	203	126
20	20	1	54.5	2075.5	T		T	15	31	31	31	31	31	31	36	41	163	146
21	30	20	40.0	2115.5	0.65	46.39	7.0	18	31	31	31	31	31	31	36	41	338	52
22	29	14	43.5	2159.0	T		T	17	31	31	31	31	31	31	36	41	229	153
23	30	22	39.0	2198.0	-		-	16	31	31	31	31	31	31	36	41	113	89
24	26	22	41.0	2239.0	0.30	46.69	3.8	18	31	31	31	31	31	31	36	41	176	91
25	23	13	47.0	2286.0	0.07	46.76	1.0	19	31	31	32	31	32	31	36	41	205	108
26	17	11	51.0	2337.0	T		T	18	31	31	32	32	32	32	36	41	178	104
27	16	6	54.0	2391.0	-		-	17	31	31	32	32	32	32	36	41	108	114
28	19	6	52.5	2443.5	-		-	16	31	31	32	32	32	32	36	41	245	173
29	29	7	47.0	2490.5	-		-	16	31	31	32	32	32	32	36	40	255	185
30	35	27	34.0	2524.5	0.01	46.77	-	14	32	31	32	32	32	32	36	40	416	132
31	40	6	42.0	2566.5	0.02	46.79	T	9	32	32	32	32	32	32	36	40	446	63
<b>Total</b>	20.5	5.4	1612.5	2566.5	<b>3.69</b>	46.79	<b>39.1</b>		30.7	29.7	31.0	30.5	30.9	30.4			6437	3812
<b>Avg.</b>	<b>13.0</b>								<b>30.2</b>		<b>30.8</b>		<b>30.7</b>		<b>36.5</b>	<b>42.0</b>		
Dept. from																		
Norma	-3.8		+152.5	+119.5	+2.29	+12.09	+28.5		+4.5		+2.9		+1.7		+0.8			-222

\* Since Nov. 1, 2010

\*\* Since Jan. 1, 2010

**3.69" of precipitation set new record for Dec. precip.-old record 3.48" in 1982  
39.1" snow set new record for Dec. snow-old record 36.2" in 1969**