

UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
JANUARY 2012

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	40	24	33.0	2147.0	0.19	0.19	1.0	1	32	31	32	31	32	31	36	41	291	61
2	26	14	45.0	2192.0	T		T	1	32	32	32	31	32	31	36	41	405	81
3	17	5	54.0	2246.0	-		-	1	32	28	32	30	31	28	36	41	180	192
4	28	12	45.0	2291.0	-		-	1	30	28	31	30	30	28	36	41	242	140
5	35	19	38.0	2329.0	-		-	1	30	28	31	30	30	29	36	41	139	189
6	47	26	28.5	2357.5	-		-	T	32	29	31	30	31	29	36	41	147	178
7	43	26	30.5	2388.0	-		-	-	32	31	32	31	32	31	36	41	199	114
8	36	19	37.5	2425.5	-		-	-	32	27	32	30	31	28	36	40	109	188
9	39	19	36.0	2461.5	-		-	-	31	27	31	30	31	27	36	40	216	188
10	46	27	28.5	2490.0	-		-	-	32	30	31	31	31	30	35	40	155	191
11	51	29	25.0	2515.0	-		-	-	32	30	32	31	31	30	35	40	156	189
12	36	8	43.0	2558.0	0.02	0.21	0.4	T	32	23	32	28	32	25	35	40	352	43
13	13	5	56.0	2614.0	T		T	T	24	21	28	24	25	22	35	40	287	54
14	10	4	58.0	2672.0	0.01	0.22	0.2	T	26	18	27	22	26	20	35	40	120	107
15	27	9	47.0	2719.0	0.01	0.23	0.2	T	27	19	27	22	27	21	35	40	157	91
16	41	21	34.0	2753.0	-		-	-	30	24	30	25	29	25	34	40	287	198
17	32	11	43.5	2796.5	0.04	0.27	0.5	T	31	23	30	26	30	25	34	40	279	155
18	22	-3	55.5	2852.0	T		T	T	26	14	27	18	26	18	34	39	215	182
19	26	-10	57.0	2909.0	0.01	0.28	0.2	T	25	9	25	15	24	14	34	39	353	185
20	3	-10	68.5	2977.5	0.09	0.37	0.9	1	20	9	20	14	17	13	33	39	139	223
21	7	-9	66.0	3043.5	0.12	0.49	1.1	2	19	15	20	17	20	16	33	39	94	151
22	20	-6	59.5	3103.0	-		-	2	24	19	23	20	23	19	32	39	411	185
23	32	20	39.0	3142.0	0.13	0.62	1.4	3	27	24	27	23	27	23	32	38	212	33
24	25	16	44.5	3186.5	0.04	0.66	0.5	3	27	27	28	27	27	27	32	38	232	91
25	23	20	43.5	3230.0	0.02	0.68	0.4	3	28	27	28	28	28	27	32	38	133	112
26	32	23	37.5	3267.5	-		-	3	29	28	29	28	29	28	32	38	287	142
27	37	15	39.0	3306.5	-		-	2	29	28	29	29	29	28	32	37	156	204
28	33	14	41.5	3348.0	0.09	0.77	0.8	3	29	28	29	29	29	28	32	37	283	76
29	30	13	43.5	3391.5	0.02	0.79	0.7	3	28	28	29	28	28	27	32	37	211	234
30	29	13	44.0	3435.5	-		-	3	28	28	29	28	28	28	32	37	217	235
31	41	26	31.5	3467.0	-		-	1	30	28	30	29	31	28	32	37	188	213
<b>Total</b>	29.9	12.9	1353.0	3467.0	0.79	0.79	8.3		28.6	24.5	28.8	26.3	28.3	25.3			6852	4625
<b>Avg.</b>	<b>21.4</b>								<b>26.6</b>		<b>27.6</b>		<b>26.8</b>		<b>34.1</b>	<b>39.3</b>		
Dept. from Norma	+8.2		-254.0	-572.0	-0.46	-0.46	-1.2		+3.8		+3.4		+1.9		+2.1			-426

\* Since Nov. 1, 2011

\*\* Since Jan. 1, 2012

47° on the 6<sup>th</sup> set new Highest Max.Temp-old record 46° set in 1933

46° on the 10<sup>th</sup> ties Highest Max.Temp set in 2002, 51° on the 11<sup>th</sup> set new Highest Max Temp-old record 46° set in 1990

UNIVERSITY OF MINNESOTA  
 SOUTHERN RESEARCH AND OUTREACH CENTER  
 35838 120th Street  
 Waseca, MN 56093-4521  
 FEBRUARY 2012

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	45	31	27.0	3494.0	-	-	T	31	30	31	30	31	30	32	37	188	206	
2	40	26	32.0	3526.0	-	-	T	31	31	31	31	31	31	32	37	111	122	
3	46	27	28.5	3554.5	-	-	T	31	31	31	31	31	31	32	37	139	235	
4	31	25	37.0	3591.5	-	-	T	32	31	31	31	31	31	32	37	219	50	
5	31	25	37.0	3628.5	-	-	T	32	31	31	31	31	31	32	37	156	142	
6	28	25	38.5	3667.0	T	-	T	32	31	31	31	31	30	32	37	172	49	
7	45	25	30.0	3697.0	T	-	T	31	31	31	31	31	30	32	37	228	245	
8	27	8	47.5	2744.5	-	-	T	31	23	31	27	31	23	32	37	157	78	
9	29	8	46.5	3791.0	-	-	T	30	22	30	25	28	21	32	37	142	289	
10	37	8	42.5	3833.5	-	-	T	30	22	30	24	29	21	32	37	326	287	
11	14	-2	59.0	3892.5	-	-	T	27	14	28	18	24	13	32	37	282	226	
12	19	-2	56.5	3949.0	-	-	T	25	14	24	17	20	13	32	37	208	304	
13	33	3	47.0	3996.0	-	-	T	28	14	26	17	24	14	32	37	201	310	
14	28	23	39.5	4035.5	0.12	0.91	1.2	1	27	22	27	23	27	22	32	37	163	84
15	33	16	40.5	4076.0	T	-	T	1	29	26	28	27	28	26	32	36	191	186
16	43	22	32.5	4108.5	T	-	T	T	31	26	30	27	30	26	32	36	109	206
17	38	24	34.0	4142.5	-	-	T	1	31	27	30	28	30	27	32	36	191	293
18	41	13	38.0	4253.5	-	-	T	1	31	24	30	26	30	24	32	36	179	299
19	36	15	39.5	4318.5	-	-	T	1	31	23	30	26	30	23	32	36	114	330
20	42	21	33.5	4383.5	-	-	T	1	31	24	30	26	30	23	32	36	238	326
21	43	29	29.0	4282.5	0.20	1.11	1.6	2	31	28	31	29	31	27	32	36	410	202
22	35	21	37.0	4319.5	T	-	T	1	32	31	31	31	31	29	32	36	220	141
23	40	24	33.0	4352.5	-	-	1	1	32	31	31	31	31	29	32	36	88	269
24	38	23	34.5	4387.0	0.01	1.12	0.1	1	31	31	31	31	31	30	32	36	192	151
25	27	9	47.0	4434.0	T	-	T	T	31	22	31	25	31	22	32	36	286	187
26	30	10	45.0	4479.0	-	-	T	1	31	22	30	25	29	22	32	36	287	359
27	40	16	37.0	4516.0	T	-	T	T	31	24	30	27	30	25	32	36	445	109
28	31	16	41.5	4557.5	T	-	T	T	31	24	30	26	30	25	32	36	188	332
29	35	30	32.5	4590.0	1.96	3.08	T	-	31	29	31	30	31	28	32	36	271	53
<b>Total</b>	<b>34.7</b>	<b>17.9</b>	<b>1123.0</b>	<b>4590.0</b>	<b>2.29</b>	<b>3.08</b>	<b>2.9</b>		<b>30.4</b>	<b>25.5</b>	<b>29.9</b>	<b>27.0</b>	<b>29.4</b>	<b>25.1</b>			<b>6101</b>	<b>6070</b>
<b>Avg.</b>	<b>26.3</b>								<b>28.0</b>		<b>28.4</b>		<b>27.2</b>		<b>32.0</b>	<b>36.5</b>		
Dept. from																		
Norma	+7.8		-179.0	-751.0	+1.29	+0.83	-6.1		+3.3		+2.6		+1.4		+1.2			-736

\* Since Nov. 1, 2011

\*\* Since Jan. 1, 2012

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
MARCH 2012**

Date	Air Temp.		Cumul*		Cumul**		Snow Depth	Soil Temperatures						Wind	Solar Radiation			
	Max.	Min.	HDD	HDD	Precip	Precip.		2"		4"		8"				20"	40"	
	° F							Max	Min	Max	Min.	Max.	Min.					
	----- ° F -----				----- in. -----		----- ° F -----						mi.	Langleys				
1	35	29	33.0	4623.0	0.01	3.09	T	T	32	31	-	-	-	-	32	36	167	61
2	36	29	32.5	4655.5	0.03	3.12	0.2	T	32	31	-	-	-	-	32	36	119	166
3	35	19	38.0	4693.5	T		0.3	T	32	32	-	-	-	-	32	35	273	184
4	24	11	47.5	4741.0	0.02	3.14	0.4	T	32	25	-	-	-	-	32	36	222	235
5	25	12	46.5	4787.5	T		T	T	31	24	-	-	-	-	32	36	131	216
6	36	18	38.0	4825.5	-		-	T	31	24	-	-	-	-	32	36	337	290
7	62	36	16.0	4841.5	-		-	-	37	30	-	-	-	-	32	36	313	385
8	52	22	28.0	4869.5	T		-	-	38	32	-	-	-	-	32	36	267	43
9	39	17	37.0	4906.5	-		-	-	39	32	-	-	-	-	32	36	287	361
10	42	18	35.0	4941.5	-		-	-	35	32	-	-	-	-	32	36	326	409
11	63	41	13.0	4954.5	-		-	-	48	32	-	-	-	-	32	36	360	425
12	63	43	12.0	4966.5	0.25	3.39	-	-	51	33	-	-	-	-	32	36	268	323
13	53	33	22.0	4988.5	0.02	3.41	-	-	47	33	-	-	-	-	32	36	187	123
14	65	34	15.5	5004.0	-		-	-	55	33	-	-	-	-	32	36	256	430
15	71	35	12.0	5016.0	-		-	-	64	38	-	-	-	-	33	36	146	436
16	73	36	10.5	5026.5	-		-	-	64	38	-	-	-	-	35	36	131	422
17	79	49	1.0	5027.5	-		-	-	65	45	-	-	-	-	38	36	258	401
18	79	60	0.0	5027.5	-		-	-	66	54	-	-	-	-	40	37	384	308
19	79	61	0.0	5027.5	-		-	-	69	56	-	-	-	-	43	38	400	317
20	79	56	0.0	5027.5	0.74	4.15	-	-	69	55	-	-	-	-	45	39	319	253
21	63	56	5.5	5033.0	0.04	4.19	-	-	61	54	-	-	-	-	47	40	183	144
22	65	57	4.0	5037.0	0.11	4.30	-	-	64	54	-	-	-	-	48	41	180	164
23	68	55	3.5	5040.5	0.30	4.60	-	-	64	55	-	-	-	-	48	42	158	137
24	69	50	5.5	5046.0	-		-	-	74	54	-	-	-	-	49	42	105	445
25	65	40	12.5	5058.5	-		-	-	67	47	-	-	-	-	50	44	135	227
26	59	39	16.0	5074.5	0.19	4.79	-	-	65	44	-	-	-	-	50	45	260	380
27	50	39	20.5	5095.0	0.04	4.83	-	-	51	41	-	-	-	-	49	45	549	218
28	70	38	11.0	5106.0	-		-	-	63	43	-	-	-	-	48	46	367	430
29	55	38	18.5	5124.5	-		-	-	67	42	-	-	-	-	48	46	199	507
30	64	39	13.5	5138.0	0.18	5.01	-	-	66	42	-	-	-	-	48	46	308	471
31	53	42	17.5	5155.5	-		-	-	57	45	-	-	-	-	49	46	188	174
<b>Total</b>	57.1	37.2	565.5	5155.5	1.93	5.01	0.9		52.8	39.7	-	-	-	-			7783	9085
<b>Avg.</b>	47.1								46.2		-	-	-	-	39.2	39.0		
Dept. from																		
Normal	+15.9		-482.5	-1233.5	-0.56	+0.27	-9.3		+14.3		-	-	-	-	+6.8			-672

\* Since Nov. 1, 2011 \*\* Since Jan. 1, 201 63° on the 11<sup>th</sup> set new Highest Max temp-old record 59° set in 1977, 41° on the 11<sup>th</sup> set new Highest Min temp-old record 39° set in 1990, 65° on the 14<sup>th</sup> set new Highest Max Temp-old record 63° set in 1946, 73° on the 16<sup>th</sup> ties Highest Max temp record set in 2003, 79° on the 17<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> all set new Highest Max Temps-old records 17<sup>th</sup> 69° set in 2003, 18<sup>th</sup> 72° set in 1921, 19<sup>th</sup> 71° set in 1921, 49° on 17<sup>th</sup>, 60° on the 18<sup>th</sup> 61° on the 19<sup>th</sup> & 56° on the 20<sup>th</sup> all set new Highest Min Temp-old records 43° in 1966, 48° in 1968, 51° in 1921 & 37° in 1972, 56° on the 21<sup>st</sup> set new Highest Min Temp-old record 47° set in 1938, cont 57° on the 22<sup>nd</sup> set new Highest Min Temp-old record 44° set in 1935, 55° on the 23<sup>rd</sup> set new Highest Min Temp-old record 46° set in 1920

UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
APRIL 2012

Date	Air Temp.		HDD	Cumul* HDD	Precip	Cumul** Precip.	Evap	Soil Temperatures						Wind	Solar Radiation		
	Max.	Min.						2"		4"		8"				20"	40"
	----- ° F -----							Max	Min	Max	Min.	Max.	Min.			° F -----	
1	51	41	19.0	5174.5	-			51	44	-	-	-	-	48	46	252	112
2	71	42	8.5	5183.0	-		0.82	69	44	-	-	-	-	48	46	395	474
3	74	48	4.0	5187.0	-			73	50	-	-	-	-	49	46	372	475
4	62	39	14.5	5201.5	-			69	44	-	-	-	-	50	46	265	408
5	64	39	13.5	5215.0	-			70	44	-	-	-	-	50	47	227	522
6	62	35	16.5	5231.5	-			72	43	-	-	-	-	51	47	212	546
7	61	35	17.0	5248.5	-			69	43	-	-	-	-	51	47	283	541
8	59	29	21.0	5269.5	0.04	5.05		59	38	-	-	-	-	51	48	205	211
9	62	29	19.5	5289.0	-		1.41	66	38	-	-	-	-	50	48	185	464
10	50	21	29.5	5318.5	-			64	36	-	-	-	-	50	48	229	585
11	44	23	31.5	5350.0	-			62	35	-	-	-	-	49	48	211	583
12	54	24	26.0	5376.0	-			69	35	-	-	-	-	48	48	100	597
13	64	31	17.5	5393.5	T			69	39	-	-	-	-	49	48	270	525
14	53	44	16.5	5410.0	0.30	5.35		52	46	-	-	-	-	49	48	378	83
15	69	45	8.0	5418.0	0.53	5.88		67	46	-	-	-	-	49	48	240	387
16	74	36	10.0	5428.0	0.54	6.42	1.43	65	46	-	-	-	-	50	48	370	277
17	41	32	28.5	5456.5	0.01	6.43		48	39	50	45	52	44	50	48	218	176
18	61	33	18.0	5474.5	0.15	6.58		59	38	52	45	50	47	49	48	330	539
19	62	42	13.0	5487.5	-			64	45	56	50	52	50	50	48	254	497
20	43	33	27.0	5514.5	0.88	7.46		45	37	50	44	51	47	50	48	274	60
21	55	33	21.0	5535.5	-			59	37	50	43	48	46	48	48	184	612
22	48	39	21.5	5557.0	0.15	7.61		48	41	47	45	48	47	48	48	235	167
23	56	31	21.5	5578.5	0.02	7.63	0.98	59	41	52	45	49	46	48	48	122	394
24	64	32	17.0	5595.5	-			66	40	55	46	51	47	48	48	137	594
25	75	49	3.0	5598.5	0.06	7.69		75	48	59	50	55	50	49	48	216	560
26	80	46	2.0	5600.5	T			77	52	62	55	57	54	51	48	238	497
27	57	43	15.0	5615.5	-			72	49	61	54	57	55	52	48	258	634
28	54	38	19.0	5634.5	0.10	7.79		60	45	55	51	55	53	52	49	408	270
29	47	38	22.5	5657.0	0.01	7.80		50	45	51	48	53	50	52	49	282	139
30	55	42	16.5	5673.5	0.29	8.09	1.30	57	45	52	48	51	50	51	49	188	290
<b>Total</b>	<b>59.1</b>	<b>36.4</b>	<b>518.0</b>	<b>5673.5</b>	<b>3.08</b>	<b>8.09</b>	<b>5.94</b>	<b>62.8</b>	<b>42.4</b>	<b>53.7</b>	<b>47.8</b>	<b>52.1</b>	<b>49.0</b>			<b>7538</b>	<b>12219</b>
<b>Avg.</b>	<b>47.7</b>							<b>52.6</b>		<b>50.8</b>		<b>50.5</b>		<b>49.7</b>	<b>47.7</b>		
Dept. from																	
Norma	+1.60		-0.53	-1286.5	-0.13	+0.14		+6.5		-		-		+9.1			+645

\* Since Nov. 1, 201

\*\* Since Jan. 1, 2012

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
MAY 2012**

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.	° F -----			
1	64	46	7.0	7.0	-		0.17	66	48	56	50	53	50	50	49	203	425
2	75	50	12.5	19.5	0.96	9.05		70	50	58	52	55	52	51	49	357	380
3	79	57	18.0	37.5	0.07	9.12		77	55	64	56	58	55	52	49	175	563
4	82	56	19.0	56.5	0.17	9.29		80	57	66	60	61	58	54	50	198	439
5	73	56	14.5	71.0	0.72	10.01		73	57	64	60	61	59	56	50	301	472
6	64	55	9.5	80.5	0.88	10.89		62	57	60	58	60	58	56	51	284	137
7	62	51	6.5	87.0	0.01	10.90	1.39	64	54	60	58	59	57	56	51	160	165
8	66	44	8.0	95.0	-			71	49	62	56	59	57	56	52	185	633
9	59	47	4.5	99.5	0.06	10.96		66	49	59	54	57	56	56	52	181	429
10	63	45	6.5	106.0	-			74	50	63	54	58	55	55	52	132	582
11	75	48	12.5	118.5	-			80	50	66	55	60	56	55	52	312	681
12	69	50	9.5	128.0	T			80	56	67	60	62	59	57	52	226	542
13	69	44	9.5	137.5	-			86	54	69	59	63	59	57	53	105	646
14	75	47	12.5	150.0	-		1.76	87	54	71	59	64	60	58	53	126	705
15	85	52	18.5	168.5	-			90	57	73	61	65	61	59	53	216	693
16	75	48	12.5	181.0	-			88	58	73	64	66	63	60	54	214	691
17	72	50	11.0	192.0	-			89	58	74	63	66	63	61	54	151	705
18	85	56	20.5	212.5	-			79	61	69	64	65	64	61	55	481	426
19	93	65	25.5	238.0	-			90	64	74	65	68	64	62	55	410	645
20	89	58	22.0	260.0	-			86	68	74	69	69	67	63	56	329	467
21	62	42	6.0	266.0	0.01	10.97	2.07	72	54	70	61	68	64	63	56	181	306
22	76	48	13.0	279.0	-			88	54	73	61	67	63	62	57	170	682
23	87	59	22.5	301.5	-			88	61	73	65	68	65	63	57	407	680
24	91	61	23.5	325.0	0.80	11.77		85	66	73	68	68	66	63	57	439	495
25	64	49	7.0	332.0	0.45	12.22		66	54	69	61	68	63	64	57	151	98
26	69	52	10.5	342.5	0.13	12.35		74	54	67	60	64	62	62	58	128	456
27	73	59	16.0	358.5	0.73	13.08		65	60	63	62	64	62	62	58	272	110
28	91	62	24.0	382.5	0.27	13.35	2.30	81	65	71	63	66	63	62	58	284	606
29	78	52	15.0	397.5	-			79	56	71	63	67	65	63	58	270	674
30	63	44	6.5	404.0	T			71	52	66	60	65	62	63	58	255	422
31	61	46	5.5	409.5	0.48	13.83	0.76	80	52	67	59	64	61	62	58	137	483
Totals	73.8	51.6	409.5	409.5	5.74	13.83	8.45	77.6	55.9	67.6	60.0	63.2	60.3	54.0	7440	15438	
Avg.	62.7							66.8		63.8		61.7		58.8			
Dept. from normal	+4.0		+77.5	+77.5	+1.81	+1.95	+0.93	+6.4		+5.2		+5.9		+5.0		+1059	

\* Since May 1, 2012

\*\* Since January 1, 2012

91° on the 24<sup>th</sup> set new Highest Max Temp.-old record 89° set in 1939

UNIVERSITY OF MINNESOTA  
 SOUTHERN RESEARCH AND OUTREACH CENTER  
 35838 120TH STREET  
 WASECA, MINNESOTA 56093-4521  
 JUNE 2012

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.	----- ° F -----			
1	62	43	6.0	415.5	-		0.12	70	50	64	58	62	60	61	58	126	515
2	69	47	9.5	425.0	-			79	50	67	57	63	59	60	58	96	656
3	73	51	12.0	437.0	-			86	57	71	60	65	61	61	58	113	640
4	77	57	17.0	454.0	0.01	13.84	0.53	77	59	68	63	65	63	61	58	189	371
5	83	61	22.0	476.0	-			94	61	77	64	69	63	62	58	113	707
6	83	61	22.0	498.0	-			97	67	80	69	72	67	64	58	173	739
7	82	60	21.0	519.0	0.06	13.90		92	68	79	71	72	69	65	59	202	700
8	80	61	20.5	539.5	0.14	14.04		85	66	76	70	71	70	66	59	205	549
9	89	66	26.0	565.5	-			92	66	79	69	72	69	66	60	285	699
10	90	69	27.5	593.0	-			94	70	80	72	74	71	67	60	323	732
11	92	59	22.5	615.5	0.35	14.39	1.81	92	66	80	72	74	72	68	61	331	629
12	73	47	11.5	627.0	-			79	57	74	66	73	69	68	61	246	641
13	68	50	9.0	636.0	-			87	57	75	65	70	68	67	62	134	748
14	75	57	16.0	652.0	0.02	14.41		76	63	70	67	69	67	67	62	328	400
15	86	64	25.0	677.0	2.55	16.96		73	65	69	67	68	67	66	62	279	129
16	78	66	22.0	699.0	-			78	65	72	67	69	67	66	62	131	405
17	82	54	18.0	717.0	0.04	17.00		81	61	73	67	70	68	66	62	122	427
18	79	57	18.0	735.0	0.06	17.06	1.92	73	61	69	66	68	67	66	62	289	456
19	90	67	26.5	761.5	-			93	69	79	69	73	68	66	62	163	639
20	91	67	26.5	788.0	-			94	74	81	74	75	72	68	62	340	685
21	80	58	19.0	807.0	1.00	18.06		79	63	77	69	74	71	69	62	187	128
22	75	54	14.5	821.5	-			81	62	74	68	71	69	68	63	121	737
23	81	59	20.0	841.5	-			90	62	78	67	73	68	68	63	117	715
24	76	62	19.0	860.5	0.02	18.08		78	67	73	70	72	70	68	63	151	292
25	84	60	22.0	882.5	-		1.97	94	67	80	69	75	70	68	63	179	655
26	77	56	16.5	899.0	-			93	67	81	72	75	72	69	63	173	746
27	81	60	20.5	919.5	-			88	67	78	71	74	71	69	63	286	641
28	95	70	28.0	947.5	-			98	71	84	73	77	72	70	64	174	693
29	86	59	22.5	970.5	-			99	73	86	78	78	76	71	64	78	594
30	86	62	24.0	994.0	-		0.53	93	73	83	76	78	75	72	64	74	542
Totals	80.8	58.8	584.5	994.0	4.25	18.08	6.88	86.2	64.1	75.9	68.2	71.4	68.4			5728	17210
Avg.	<b>69.8</b>							<b>75.2</b>		<b>72.1</b>		<b>69.9</b>		<b>66.4</b>	<b>61.2</b>		
Dept. from normal	+1.3		+46.5	+124.0	-0.44	+1.51	-1.63	+3.4		+2.3		+3.0		+2.6			+1680

\* Since May 1, 2012 \*\* Since January 1, 2012

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
July 2012**

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	90	69	27.5	1021.5	-		0.30	102	75	88	77	80	76	73	65	83	686
2	90	72	29.0	1050.5	-		0.28	100	78	88	80	81	78	74	65	148	598
3	94	74	30.0	1080.5	0.05	18.13	0.34	101	79	89	81	82	79	74	66	194	656
4	94	73	29.5	1110.0	-			102	80	89	81	82	80	75	66	163	644
5	95	76	31.0	1141.0	-			103	82	90	83	83	81	76	67	153	652
6	92	75	30.5	1171.5	-			100	82	90	83	84	81	77	68	71	482
7	96	66	26.0	1197.5	T			104	81	92	84	85	82	77	68	163	660
8	82	65	23.5	1221.0	0.06	18.19		97	77	85	81	83	81	78	69	137	590
9	88	67	26.5	1247.5	-		1.76	103	77	89	80	83	80	77	69	78	710
10	84	57	20.5	1268.0	-			102	75	90	81	83	81	77	69	92	704
11	85	57	21.0	1289.0	-			101	74	89	80	83	80	77	70	68	694
12	85	61	23.0	1312.0	-			100	74	88	80	82	80	77	70	105	689
13	87	66	26.0	1338.0	0.01	18.20		97	75	86	80	82	80	77	70	159	539
14	86	62	24.0	1362.0	0.18	18.38		94	73	85	79	81	79	77	70	138	569
15	89	64	25.0	1387.0	-			99	73	87	78	82	78	77	70	60	653
16	88	69	27.5	1414.5	-		1.96	97	76	87	80	82	80	77	70	113	579
17	92	70	28.0	1442.5	-			99	78	88	81	83	80	77	70	202	672
18	94	72	29.0	1471.5	-			103	79	90	81	84	81	77	71	119	648
19	86	68	27.0	1498.5	1.03	19.41		96	74	87	79	83	80	78	71	121	390
20	82	63	22.5	1521.0	-			88	70	82	76	80	78	77	71	96	473
21	83	65	24.0	1545.0	0.02	19.43		87	70	81	75	79	77	76	71	124	557
22	86	67	26.5	1571.5	0.18	19.61		89	71	80	75	78	76	75	71	121	385
23	88	70	28.0	1599.5	T		1.67	87	74	81	76	78	77	75	71	105	434
24	85	69	27.0	1626.5	0.36	19.97		86	74	81	77	79	77	75	71	108	304
25	88	69	27.5	1654.0	0.03	20.00		86	73	81	76	78	77	75	71	211	492
26	91	66	26.0	1680.0	0.02	20.02		98	73	85	76	80	76	75	70	125	556
27	84	59	21.5	1701.5	0.11	20.13		97	68	84	76	80	77	75	70	100	570
28	77	57	17.0	1718.5	-			88	68	80	74	77	76	75	70	82	495
29	80	61	20.5	1739.0	0.05	20.18		93	68	82	73	78	75	74	70	113	555
30	81	63	22.0	1761.0	T		1.47	90	71	80	75	77	75	74	70	101	399
31	88	61	23.5	1784.5	-		0.27	98	71	85	75	79	75	74	70	111	635
Totals	87.4	66.2	790.5	1784.5	2.10	20.18	8.05	96.4	74.6	85.8	78.5	81.0	78.5			3764	17670
Avg.	<b>76.8</b>							<b>85.5</b>		<b>82.1</b>		<b>79.7</b>		<b>75.9</b>	<b>69.4</b>		
Dept. from normal	+4.8		+135.5	+259.5	-2.32	-0.81	+0.15	+6.9		+5.4		+5.8	+5.0				+1032

\* Since May 1, 2012

\*\* Since January 1, 2012

72° on the 2<sup>nd</sup> set new Highest Min Temp-old record 71° set in 1938

76° on the 5<sup>th</sup> tied Highest Min Temp set in 1999, 75° on the 6<sup>th</sup> set new Highest Min Temp-old record 73° set in 1939

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
AUGUST 2012**

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	86	64	25.0	1809.5	-		0.23	100	73	86	77	80	77	75	70	84	642
2	90	67	26.5	1836.0	0.04	20.22		96	75	85	78	80	78	76	70	177	565
3	86	63	24.5	1860.5	-			99	75	87	78	81	78	76	71	70	581
4	89	64	25.0	1885.5	0.90	21.12		99	73	87	79	82	79	76	71	181	609
5	77	56	16.5	1902.0	0.04	21.16		85	64	79	73	80	75	76	71	136	427
6	75	52	13.5	1915.5	-		0.50	87	63	79	72	76	74	75	71	97	675
7	85	54	19.5	1935.0	-			92	63	80	70	77	73	74	71	106	632
8	87	63	24.5	1959.5	-			99	70	85	75	79	75	74	71	83	629
9	83	61	22.0	1981.0	-			88	72	81	76	78	77	75	71	134	341
10	79	56	17.5	1999.0	-			92	70	82	75	78	76	75	71	133	545
11	75	45	12.5	2011.5	-			92	66	82	74	78	75	75	71	100	622
12	74	50	12.0	2023.5	0.05	21.21		88	65	79	73	76	74	74	71	69	506
13	60	52	6.0	2029.5	0.27	21.48	1.25	70	61	74	68	71	71	74	71	75	69
14	79	53	16.0	2045.5	-			85	61	76	67	73	70	72	70	79	587
15	77	54	15.5	2061.0	T			82	63	75	69	73	71	72	70	95	385
16	83	59	21.0	2082.0	-			88	68	78	71	74	72	72	70	184	498
17	68	41	9.0	2091.0	-			79	60	75	68	74	71	72	70	136	334
18	73	43	11.5	2102.5	-			88	59	76	67	73	70	71	69	63	624
19	76	47	13.0	2115.5	0.10	21.58		86	62	76	68	72	70	71	69	103	495
20	75	44	12.5	2128.0	-		1.28	86	62	76	69	73	70	71	69	65	548
21	76	45	13.0	2141.0	-			90	62	77	68	73	70	71	69	60	603
22	79	47	14.5	2155.5	-			91	62	78	69	73	70	71	69	90	594
23	82	58	20.0	2175.5	T			79	66	74	71	72	71	71	69	146	275
24	88	64	25.0	2200.5	-			85	69	77	71	73	71	71	69	196	357
25	88	64	25.0	2225.5	-			92	67	80	72	75	72	72	69	171	530
26	71	65	18.0	2243.5	0.05	21.63		90	72	79	74	75	73	72	69	82	122
27	85	55	20.0	2263.5	-		1.26	94	72	82	75	76	74	72	69	49	430
28	86	56	21.0	2284.5	-			92	67	80	72	75	72	72	69	74	514
29	88	65	25.5	2310.0	-			90	72	79	74	75	73	72	69	146	378
30	93	66	26.0	2336.0	-			94	72	82	75	76	74	72	69	211	541
31	98	65	25.5	2361.5	-		1.10	94	74	83	76	77	75	73	69	199	511
Totals	81.0	56.1	577.0	2361.5	1.45	21.63	5.62	89.4	67.1	79.6	72.4	75.7	73.3			3594	15169
Avg.	<b>68.5</b>							<b>78.3</b>		<b>76.0</b>		<b>74.5</b>		<b>73.1</b>	<b>69.9</b>		
Dept. from normal	-1.3		-20.0	+239.5	-3.30	-4.11	-0.75	+2.80		+1.5		+1.9		+2.2			+994

\* Since May 1, 2012    \*\* Since January 1, 2012    41° on the 17<sup>th</sup> ties Lowest Min Temp set in 1962  
 93° on the 30<sup>th</sup> set new Highest Max Temp-old record 92° set in 1945, 98° on the 31<sup>st</sup> set new Highest Max Temp-old record 94° set in 1937



UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120TH STREET  
WASECA, MINNESOTA 56093-4521  
SEPTEMBER 2012

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	84	61	22.5	2384.0	-		0.27	92	71	82	76	77	75	74	69	145	521
2	84	58	21.0	2405.0	-			92	70	81	75	77	75	74	69	134	522
3	89	58	22.0	2427.0	-		0.50	93	69	82	74	77	74	74	70	127	503
4	86	60	23.0	2450.0	-			89	72	82	77	78	76	74	70	80	366
5	91	58	22.0	2472.0	0.52	22.15		95	67	83	75	78	76	74	70	141	493
6	81	46	15.5	2487.5	-			84	60	78	70	76	73	74	70	81	526
7	81	47	15.5	2503.0	T			86	60	77	68	74	72	73	70	117	478
8	70	40	10.0	2513.0	-			79	58	74	68	73	72	72	70	130	347
9	80	40	15.0	2528.0	-			82	58	73	66	71	69	71	70	191	494
10	74	48	12.0	2540.0	-		1.67	86	60	75	66	71	69	70	69	94	526
11	82	51	16.5	2556.5	-			83	61	74	67	71	69	70	69	279	517
12	94	60	23.0	2579.5	0.01	22.16		87	66	76	69	73	70	70	69	277	493
13	63	50	6.5	2586.0	0.19	22.35		68	58	72	65	72	68	70	69	75	54
14	74	44	12.0	2598.0	-			81	57	71	64	68	67	69	69	116	471
15	78	43	14.0	2612.0	-			84	57	72	64	69	66	68	68	111	497
16	82	53	17.5	2629.5	-			81	60	72	65	69	67	68	68	279	480
17	81	52	16.5	2646.0	0.10	22.45	1.86	81	62	72	66	69	67	68	68	194	426
18	62	33	6.0	2652.0	0.08	22.53		72	51	68	61	69	65	68	67	153	323
19	60	33	5.0	2657.0	-			72	50	66	59	65	63	67	67	156	425
20	74	37	12.0	2669.0	-			76	53	67	61	65	63	66	67	196	413
21	65	38	7.5	2676.5	0.04	22.57		72	53	66	60	64	62	65	66	149	426
22	63	38	6.5	2683.0	-			68	50	65	59	64	62	65	66	173	314
23	58	24	4.0	2687.0	-			66	46	62	56	62	60	64	66	136	304
24	59	25	FREEZE		-		1.13	70	45	62	54	60	58	63	65	118	468
25	78	38			-			72	48	63	55	61	58	62	65	238	441
26	70	34			-			74	51	65	57	62	59	62	64	109	426
27	66	30			-			73	50	64	57	61	59	62	64	129	447
28	71	40			-			75	51	65	57	62	59	62	64	78	431
29	78	41			-			76	53	66	58	62	60	62	63	61	396
30	82	44			-		0.98	77	55	67	59	63	60	62	63	92	400
Totals	75.3	44.1	325.5	2687.0	0.94	22.57	6.41	79.5	57.4	71.0	64.3	68.8	66.4			4359	12928
Avg.	59.7							68.5		67.7		67.6		68.1	67.5		
Dept. from normal	-1.6		-22.5	+173.0	-2.73	-6.84	+1.50	+3.30		+2.3		+3.5		+2.8			+2212

\* Since May 1, 2012 \*\* Since January 1, 2012 94° on the 12<sup>th</sup> tied Highest Max Temp. set in 1948, 33° on the 19<sup>th</sup> tied Lowest Min Temp set in 1991  
24° on the 23<sup>rd</sup> ties Lowest Min Temp set in 1974, 25° on the 24<sup>th</sup> set new Lowest Min Temp-old record 28° set in 1928

UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
OCTOBER 2012

Date	Air Temp.		Precip	Cumul** Precip.	Snow Depth	Soil Temperatures						Wind	Solar Radiation		
	Max.	Min.				2"		4"		8"				20"	40"
	----- °F-----	----- °F-----				Max	Min	Max	Min.	Max.	Min.				
1	79	46	-			74	56	66	60	63	61	62	63	109	333
2	69	38	-			73	54	66	61	63	62	63	63	191	378
3	72	37	-			76	53	66	59	63	61	63	63	99	407
4	78	45	-			75	54	66	59	63	61	62	63	246	390
5	50	33	-			65	48	62	57	62	60	62	63	293	304
6	47	31	T		T	61	47	58	54	60	57	61	63	280	362
7	43	18	-			54	40	55	50	57	55	60	62	140	179
8	53	18	-			59	39	54	49	55	53	58	62	239	381
9	68	41	0.08	22.65		57	45	55	50	55	53	57	61	277	168
10	49	25	0.02	22.67		53	40	53	48	55	53	57	61	215	154
11	53	24	-			57	39	52	47	53	51	56	60	261	335
12	49	27	-			53	38	52	47	53	51	56	60	191	155
13	53	25	0.03	22.7		57	38	51	46	52	50	55	59	282	360
14	65	48	T			57	49	54	51	54	52	55	59	204	83
15	57	28	-			62	45	56	51	54	53	55	59	202	271
16	64	27	0.01	22.71		63	44	56	50	54	52	55	58	208	299
17	67	48	0.03	22.74		63	52	57	54	55	54	55	58	175	220
18	60	41	0.05	22.79		58	49	56	53	55	54	56	58	363	121
19	46	40	0.02	22.81		52	47	53	51	54	53	56	58	118	87
20	51	40	0.08	22.89		53	47	52	50	53	52	55	58	136	108
21	49	41	T			52	45	51	49	52	51	54	58	190	94
22	73	42	-			62	45	55	49	53	51	54	57	216	295
23	63	51	T			59	51	55	52	55	53	54	57	248	109
24	65	58	T			61	57	58	55	56	55	55	57	187	86
25	59	41	0.97	23.86		58	48	57	53	56	55	56	57	241	34
26	41	29	0.09	23.95	T	48	38	53	45	55	50	56	57	280	66
27	38	26	-			43	37	45	43	50	47	54	57	157	133
28	41	25	-			46	36	45	42	47	46	52	57	103	249
29	46	26	-			45	35	44	41	46	45	50	56	180	258
30	44	28	-			42	35	42	40	45	44	49	56	180	113
31	46	21	-			44	34	43	39	44	43	48	55	150	190
<b>Total</b>	<b>56.1</b>	<b>34.5</b>	<b>1.38</b>	<b>23.95</b>	<b>0.0</b>	<b>57.5</b>	<b>44.7</b>	<b>54.5</b>	<b>50.2</b>	<b>54.6</b>	<b>52.8</b>			<b>6361</b>	<b>6722</b>
<b>Avg.</b>	<b>45.3</b>					<b>51.1</b>		<b>52.3</b>		<b>53.7</b>		<b>56.2</b>	<b>59.2</b>		
Dept. from Norma	-2.9		-1.29	-8.13	-0.6	+1.3		+1.8		+2.9		+1.8			-700

18° on the 7<sup>th</sup> set new Lowest Min Temp-old record 20° set in 1974

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
NOVEMBER 2012**

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	50	22	29.0	29.0	-	-		46	33	43	39	44	43	48	54	97	282	
2	46	23	30.5	59.5	-	-		49	35	45	41	45	44	48	54	183	250	
3	40	28	31.0	90.5	-	-		42	35	42	40	44	43	48	53	131	121	
4	44	35	25.5	116.0	0.08	24.03	-	45	39	44	41	45	44	47	53	74	91	
5	46	36	24.0	140.0	0.13	24.16	-	47	40	45	42	45	44	47	53	143	102	
6	44	39	23.5	163.5	0.10	24.26	-	46	41	45	43	45	45	47	52	243	69	
7	43	37	25.0	188.5	0.09	24.35	-	45	39	44	42	45	44	47	52	213	88	
8	44	33	26.5	215.0	-	-	-	47	36	45	41	45	44	47	52	147	116	
9	55	34	20.5	235.5	-	-	-	48	36	44	41	44	43	47	52	193	238	
10	52	35	21.5	257.0	-	-	-	46	37	44	41	45	43	47	52	334	167	
11	74	32	12.0	269.0	0.22	24.57	-	57	45	51	44	49	45	47	51	351	191	
12	32	18	40.0	309.0	0.02	24.59	0.2	T	45	34	49	40	44	44	48	51	286	35
13	26	14	45.0	354.0	-	-	-	34	31	40	36	44	41	47	51	195	135	
14	43	18	34.5	388.5	-	-	-	34	30	36	36	41	39	45	51	195	210	
15	52	33	22.5	411.0	-	-	-	44	34	40	36	41	39	44	51	169	195	
16	51	22	28.5	439.5	-	-	-	46	33	42	38	42	41	44	50	150	223	
17	46	25	29.5	469.0	-	-	-	40	33	39	37	41	40	44	50	179	232	
18	56	35	19.5	488.5	-	-	-	43	34	42	37	42	40	44	50	342	142	
19	59	42	14.5	503.0	-	-	-	47	40	44	41	44	43	44	49	317	167	
20	59	25	23.0	526.0	-	-	-	51	37	46	42	45	44	45	49	123	193	
21	53	25	26.0	552.0	-	-	-	48	37	44	41	44	43	46	49	171	186	
22	69	46	7.5	559.5	-	-	-	50	40	46	42	46	43	46	49	360	191	
23	58	17	27.5	587.0	T	T	T	51	35	47	42	46	45	46	49	391	176	
24	26	5	49.5	636.5	T	T	T	36	30	42	37	45	41	46	49	214	104	
25	29	9	46.0	682.5	-	-	-	32	30	37	36	41	39	45	49	199	112	
26	32	10	44.0	726.5	-	-	-	33	32	36	35	39	38	43	49	190	131	
27	22	8	50.0	776.5	-	-	-	32	28	35	34	38	37	42	49	165	199	
28	37	15	39.0	815.5	-	-	-	31	28	34	33	37	36	41	48	192	156	
29	37	20	36.5	852.0	-	-	-	31	30	34	33	36	36	41	48	176	149	
30	44	21	32.5	884.5	-	-	-	32	30	34	33	36	36	40	47	216	163	
<b>Total</b>	<b>45.6</b>	<b>25.4</b>	<b>884.5</b>	<b>884.5</b>	<b>0.64</b>	<b>24.59</b>	<b>0.2</b>	<b>42.6</b>	<b>34.7</b>	<b>42.0</b>	<b>38.8</b>	<b>42.9</b>	<b>41.6</b>			<b>6339</b>	<b>4814</b>	
<b>Avg.</b>	<b>35.5</b>							<b>38.7</b>		<b>40.4</b>		<b>42.3</b>		<b>45.4</b>	<b>50.5</b>			
Dept. from																		
Norma	+2.8		-84.5	-84.5	-1.52	-9.65	-7.6	+3.2		+3.3		+4.3		+1.7			+329	

\* Since Nov. 1, 2012      \*\* Since Jan. 1, 2012      74° on the 11<sup>th</sup> set new Highest Max Temp-old record 67° set in 2010  
69° on the 22<sup>nd</sup> set new Highest Max Temp-old record 66° set in 1990, 46° on the 22<sup>nd</sup> set new Highest Min Temp-old record 35° set in 1966

**UNIVERSITY OF MINNESOTA  
SOUTHERN RESEARCH AND OUTREACH CENTER  
35838 120th Street  
Waseca, MN 56093-4521  
DECEMBER 2012**

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	38	32	30.0	914.5	-	-		35	32	35	34	37	36	40	47	269	71	
2	50	23	28.5	943.0	T	-		40	34	39	35	39	37	40	47	164	32	
3	54	24	26.0	969.0	-	-		43	33	40	37	40	38	41	46	265	172	
4	57	22	25.5	994.5	-	-		47	34	43	38	42	40	42	46	185	74	
5	35	14	40.5	1035.0	-	-		39	31	38	36	40	38	42	46	158	186	
6	44	19	33.5	1068.5	0.16	24.75	-	37	31	37	35	38	37	41	46	402	111	
7	44	24	31.0	1099.5	-	-		42	33	39	37	39	38	41	46	183	107	
8	31	24	37.5	1137.0	0.05	24.80	0.8	1	33	33	37	36	38	37	41	46	202	78
9	34	24	36.0	1173.0	0.09	24.89	1.0	1	33	33	36	36	37	37	41	46	204	113
10	32	3	47.5	1220.5	0.27	25.16	2.6	3	34	34	36	36	37	37	40	46	250	48
11	19	-3	57.0	1277.5	T		T	2	34	33	36	35	37	37	40	45	190	177
12	30	5	47.5	1325.0	0.02	25.18	0.2	2	33	33	35	35	37	36	40	45	152	90
13	42	27	30.5	1355.5	-	-		1	33	33	35	35	36	36	40	45	375	149
14	29	12	44.5	1400.0	-	-		1	33	32	35	34	36	36	39	45	101	124
15	41	23	33.0	1433.0	0.47	25.65	-	T	33	32	35	34	36	35	39	45	247	157
16	41	19	35.0	1468.0	0.18	25.83	0.5	T	38	33	37	34	37	35	39	45	183	28
17	20	17	46.5	1514.5	-	-		T	34	32	36	34	37	36	39	44	158	42
18	26	19	42.5	1557.0	0.01	25.84	0.2	T	32	31	34	34	36	35	39	44	125	60
19	30	24	38.0	1595.0	T			T	32	31	34	34	35	35	38	44	167	47
20	32	20	39.0	1634.0	0.28	26.12	3.2	3	32	32	34	33	35	35	38	44	205	70
21	23	1	53.0	1687.0	-	-		2	32	30	34	33	35	35	38	44	303	104
22	13	11	58.0	1745.0	-	-		2	30	27	33	32	35	34	38	43	138	182
23	26	9	47.5	1792.5	-	-		2	29	27	32	31	34	33	37	43	159	150
24	16	10	52.0	1844.5	-	-		2	28	26	31	30	33	32	37	43	184	156
25	17	-5	59.0	1903.5	T		T	2	28	21	30	29	32	32	36	43	177	156
26	8	-5	63.5	1967.0	-	-		2	24	21	29	27	32	31	36	42	137	181
27	16	4	55.0	2022.0	-	-		2	24	21	28	26	31	30	35	42	135	177
28	20	7	51.5	2073.5	0.17	26.29	2.4	4	27	21	28	26	30	30	35	42	175	72
29	21	12	48.5	2122.0	0.05	26.34	0.8	4	28	27	29	28	31	30	34	42	149	143
30	14	-6	61.0	2183.0	0.01	26.35	0.2	4	29	27	30	29	31	30	34	41	149	154
31	26	0	52.0	2235.0	-	-		4	29	27	30	29	31	30	34	41	224	178
<b>Total</b>	<b>30.0</b>	<b>13.2</b>	<b>1350.5</b>	<b>2235.0</b>	<b>1.76</b>	<b>26.35</b>	<b>11.9</b>		<b>33.1</b>	<b>29.8</b>	<b>34.4</b>	<b>33.0</b>	<b>35.6</b>	<b>34.8</b>			<b>6115</b>	<b>3589</b>
<b>Avg.</b>	<b>21.6</b>								<b>31.5</b>		<b>33.7</b>		<b>35.2</b>		<b>38.5</b>	<b>44.3</b>		
Dept. from Norma	+3.8		-112.5	-197.0	+0.28	-9.37	-1.1		+4.7		+5.2		+5.3		+2.5			-373

\* Since Nov. 1, 2012

\*\* Since Jan. 1, 2012