

Nongrowing season (10/1/2009-4/30/2010)

University of MN Southwest Research and Outreach Center, Lamberton
<http://swroc.cfans.umn.edu>; 507-752-7372 (Phone)

mo	day	Tair Max F	Tair Low F	HDD	Cum HDD	Precip (in.)	Snow (in.)	Precip 2010	Soil Temperatures						Solar	Wind Run
									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
1	1	6	-7	65	2915	0.00	0.00	0.00	33	32	32	32	33	33	182	146
1	2	-3	-29	81	2996	0.00	0.00	0.00	33	32	32	32	33	33	187	154
1	3	-8	-30	84	3080	0.00	0.00	0.00	33	32	32	32	33	33	171	34
1	4	-4	-30	82	3162	0.00	0.00	0.00	32	32	32	32	33	33	180	48
1	5	-1	-27	79	3241	0.00	0.00	0.00	32	32	32	32	33	33	194	81
1	6	8	-15	68	3309	0.00	0.00	0.00	32	32	32	32	33	33	188	51
1	7	10	3	59	3368	0.00	0.00	0.00	32	32	32	32	33	33	88	142
1	8	3	-11	69	3437	0.37	7.00	0.37	32	32	32	32	33	33	130	293
1	9	-7	-24	80	3517	0.00	0.00	0.37	32	32	32	32	33	33	132	117
1	10	6	-23	74	3591	0.00	0.00	0.37	32	32	32	32	33	32	195	319
1	11	24	5	50	3641	0.00	0.00	0.37	32	32	32	32	33	32	157	238
1	12	13	1	58	3699	0.00	0.00	0.37	32	32	32	32	33	32	187	98
1	13	24	5	50	3750	0.00	0.00	0.37	32	32	32	32	33	32	184	317
1	14	32	13	43	3792	0.00	0.00	0.37	32	32	32	32	33	32	204	157
1	15	31	23	38	3830	0.00	0.00	0.37	32	32	32	32	33	32	101	139
1	16	28	17	42	3873	0.00	0.00	0.37	32	32	32	32	33	32	195	282
1	17	36	17	38	3911	0.00	0.00	0.37	32	32	32	32	33	32	220	286
1	18	34	15	40	3951	0.00	0.00	0.37	32	32	32	32	33	32	200	80
1	19	25	10	48	3999	0.00	0.00	0.37	32	32	32	32	33	32	144	26
1	20	21	11	49	4048	0.00	0.00	0.37	32	32	32	32	33	32	133	117
1	21	26	20	42	4090	0.00	0.00	0.37	32	32	32	32	33	32	80	254
1	22	29	26	38	4128	0.00	0.00	0.37	32	32	32	32	33	32	77	183
1	23	33	29	34	4162	0.13	0.00	0.50	32	32	32	32	33	32	89	446
1	24	35	25	35	4197	0.17	0.00	0.67	32	32	33	32	32	32	54	200
1	25	32	21	39	4236	0.03	1.00	0.70	32	32	34	32	32	32	176	255
1	26	21	-1	55	4290	0.16	4.00	0.86	32	32	33	32	32	32	119	347
1	27	8	-2	62	4352	0.00	0.00	0.86	32	32	32	32	32	32	219	179
1	28	13	-5	61	4413	0.00	0.00	0.86	32	32	32	32	32	32	243	204
1	29	3	-15	71	4484	0.00	0.00	0.86	32	32	32	32	32	32	245	54
1	30	11	-12	65	4549	0.00	0.00	0.86	32	32	32	32	32	32	233	102
1	31	18	-2	57	4606	0.00	0.00	0.86	32	32	32	32	32	32	247	91
Monthly Total				1756		0.86	12.00								5151	5440
Monthly Ave.		16	0						32	32	32	32	33	32		
Historic Ave.		23	3		1461	0.61			28	26	29	28	29	28		

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mo	day	Tair Max F	Tair Low F	HDD	Cum HDD	Precip (in.)	Snow (in.)	Precip 2010	Soil Temperatures						Solar	Wind Run
									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
2	1	8	-3	62	4669	0.00	0.00	0.86	32	32	32	31	32	32	253	94
2	2	16	8	53	4722	0.11	3.00	0.97	32	32	31	31	32	32	131	178
2	3	11	-7	63	4785	0.00	0.00	0.97	32	32	31	31	32	32	251	102
2	4	25	-5	55	4840	0.00	0.00	0.97	32	31	31	31	32	32	222	120
2	5	35	25	35	4875	0.03	0.00	1.00	32	32	31	31	32	32	106	186
2	6	32	25	37	4912	0.05	1.00	1.05	32	32	31	31	32	32	138	204
2	7	28	17	43	4954	0.04	1.00	1.09	32	32	32	31	32	32	191	125
2	8	25	4	50	5005	0.10	2.50	1.19	32	32	32	32	32	32	205	186
2	9	21	-1	55	5060	0.11	2.00	1.30	32	32	32	32	32	32	255	204
2	10	19	-6	58	5118	0.00	0.00	1.30	32	32	32	32	32	32	215	195
2	11	22	-10	59	5177	0.00	0.00	1.30	32	32	32	32	32	32	306	46
2	12	24	5	51	5228	0.06	1.00	1.36	32	32	32	32	32	32	186	59
2	13	26	8	48	5276	0.00	0.00	1.36	32	32	32	32	32	32	191	54
2	14	22	2	53	5328	0.05	1.50	1.41	32	32	32	32	32	32	200	145
2	15	14	2	57	5385	0.18	3.00	1.59	32	32	32	32	32	32	296	269
2	16	19	11	50	5435	0.01	0.00	1.60	32	32	32	32	32	32	298	245
2	17	19	8	52	5487	0.00	0.00	1.60	32	32	32	32	32	32	331	198
2	18	21	8	50	5537	0.00	0.00	1.60	32	32	32	32	32	32	338	134
2	19	22	1	53	5590	0.00	0.00	1.60	32	32	32	32	32	32	305	83
2	20	24	3	52	5642	0.00	0.00	1.60	32	32	32	32	32	32	260	27
2	21	34	17	39	5682	0.00	0.00	1.60	32	32	32	32	32	32	299	51
2	22	20	13	48	5730	0.00	0.00	1.60	32	32	32	32	32	32	286	160
2	23	17	0	56	5786	0.00	0.00	1.60	32	32	32	32	32	32	314	143
2	24	15	-10	56	5842	0.00	0.00	1.60	32	32	32	32	32	32	343	235
2	25	11	-14	62	5905	0.00	0.00	1.60	32	32	32	32	32	32	376	50
2	26	21	-13	66	5971	0.00	0.00	1.60	32	32	32	32	32	32	372	82
2	27	26	4	61	6032	0.00	0.00	1.60	32	32	32	32	32	32	219	77
2	28	26	7	50	6082	0.00	0.00	1.60	32	32	32	32	32	32	381	121
Monthly Total				1476		0.74	15.00								7267	3772
Monthly Ave.		22	4						32	32	32	32	32	32		
Historic Ave.		28	8		5856	0.57			29	27	30	29	29	28		

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									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
3	1	23	7	49	6131	0.00	0.00	1.60	32	32	32	32	32	32	382	104
3	2	29	6	50	6181	0.00	0.00	1.60	32	32	32	32	32	32	396	78
3	3	40	3	47	6229	0.00	0.00	1.60	32	32	32	32	32	32	392	53
3	4	38	3	43	6272	0.00	0.00	1.60	32	32	32	32	32	32	387	59
3	5	36	19	44	6316	0.00	0.00	1.60	32	32	32	32	32	32	400	210
3	6	41	21	37	6354	0.00	0.00	1.60	32	32	32	32	32	32	406	195
3	7	35	30	34	6388	0.02	0.00	1.62	32	32	32	32	32	32	190	165
3	8	37	32	33	6420	0.00	0.00	1.62	32	32	32	32	32	32	197	55
3	9	36	32	30	6451	0.00	0.00	1.62	32	32	33	32	32	32	153	193
3	10	34	32	31	6482	0.38	0.00	2.00	32	32	32	32	32	32	93	162
3	11	37	32	32	6514	0.18	0.00	2.18	32	32	32	31	32	32	149	74
3	12	36	32	30	6544	0.58	0.00	2.76	32	32	32	31	32	32	86	102
3	13	35	33	31	6575	0.14	0.00	2.90			31	31	32	32	99	89
3	14	36	33	31	6606	0.02	0.00	2.92			32	31	32	32	129	103
3	15	39	34	30	6637	0.00	0.00	2.92			32	31	32	32	278	141
3	16	39	33	28	6665	0.00	0.00	2.92			32	31	32	32	229	168
3	17	40	33	29	6694	0.00	0.00	2.92			32	32	32	32	156	137
3	18	50	34	28	6722	0.00	0.00	2.92			38	32	37	32	370	194
3	19	58	31	23	6745	0.00	0.00	2.92			47	35	43	36	344	157
3	20	31	21	21	6766	0.00	0.00	2.92			37	33	39	34	105	218
3	21	35	21	39	6805	0.00	0.00	2.92			37	32	36	33	484	113
3	22	52	23	37	6843	0.00	0.00	2.92	50	33	43	32	39	33	466	103
3	23	55	31	28	6870	0.00	0.00	2.92	50	34	45	33	42	34	443	184
3	24	56	29	22	6892	0.00	0.00	2.92	51	35	46	34	43	35	420	199
3	25	50	27	23	6915	0.00	0.00	2.92	52	35	47	34	43	36	458	123
3	26	39	25	26	6941	0.00	0.00	2.92	49	34	44	34	41	36	483	164
3	27	55	29	33	6974	0.00	0.00	2.92	46	34	42	34	40	35	390	261
3	28	52	28	23	6997	0.02	0.00	2.94	49	35	45	36	42	37	187	162
3	29	52	28	25	7022	0.00	0.00	2.94	52	35	48	35	44	36	512	125
3	30	66	35	25	7047	0.00	0.00	2.94	53	36	50	36	45	37	500	341
3	31	78	49	14	7061	0.00	0.00	2.94	54	44	50	42	46	42	275	396
Monthly Total				979		1.34	0.00								9560	4829
Monthly Ave.		43	27						41	34	38	33	36	33		
Historic Ave.		40	21		6934	1.50			38	32	36	33	33	32		

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									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
4	1	71	39	2	7027	0.00	0.00	2.94	60	43	56	43	51	43	467	126
4	2	78	41	10	7037	0.00	0.00	2.94	60	42	56	42	51	43	366	234
4	3	67	34	6	7043	0.02	0.00	2.96	58	39	54	40	51	43	315	402
4	4	63	35	14	7058	0.00	0.00	2.96	55	39	50	40	48	42	443	295
4	5	63	34	16	7073	0.00	0.00	2.96	60	41	55	42	51	43	464	136
4	6	60	39	16	7089	0.00	0.00	2.96	56	42	51	42	49	44	281	148
4	7	47	34	16	7105	0.42	0.00	3.38	47	37	46	38	46	40	55	239
4	8	52	27	25	7130	0.00	0.00	3.38	51	35	49	36	46	39	546	205
4	9	55	29	25	7155	0.00	0.00	3.38	55	35	51	36	47	38	580	120
4	10	73	36	23	7179	0.00	0.00	3.38	59	36	54	37	51	40	548	211
4	11	66	31	11	7189	0.00	0.00	3.38	63	40	58	41	54	44	511	71
4	12	70	33	17	7206	0.35	0.00	3.73	64	40	58	41	54	43	544	152
4	13	67	48	14	7220	0.38	0.00	4.11	58	48	55	46	52	47	187	252
4	14	77	49	7	7227	0.00	0.00	4.11	65	49	60	48	56	48	426	283
4	15	74	59	2	7229	0.64	0.00	4.75	65	54	65	50	57	51	359	343
4	16	69	42	0	7229	0.00	0.00	4.75	66	47	62	48	58	49	528	201
4	17	60	32	9	7239	0.00	0.00	4.75	60	41	57	43	54	47	592	213
4	18	67	34	19	7257	0.00	0.00	4.75	66	41	61	42	56	46	612	57
4	19	69	41	15	7272	0.00	0.00	4.75	67	44	62	45	57	47	545	30
4	20	72	41	10	7282	0.00	0.00	4.75	71	47	65	47	59	49	576	77
4	21	73	40	9	7291	0.00	0.00	4.75	72	48	65	48	59	50	557	72
4	22	69	34	9	7299	0.00	0.00	4.75	70	46	65	47	59	50	608	132
4	23	72	39	14	7313	0.00	0.00	4.75	73	46	66	47	60	50	613	142
4	24	68	47	10	7323	0.16	0.00	4.91	61	50	57	49	55	52	219	386
4	25	67	47	7	7330	0.01	0.00	4.92	66	51	61	49	57	52	312	257
4	26	52	43	8	7338	0.25	0.00	5.17	53	47	51	46	52	48	103	153
4	27	59	39	17	7355	0.00	0.00	5.17	59	43	56	44	53	47	351	125
4	28	66	43	16	7371	0.00	0.00	5.17	71	43	65	44	58	46	644	99
4	29	71	50	10	7381	0.00	0.00	5.17	69	48	63	48	58	50	595	328
4	30	73	53	5	7386	0.28	0.00	5.45	68	55	62	53	58	53	257	152
Monthly Total				361		2.51	0.00								13203	5641
Monthly Ave.		66	40						62	44	58	44	54	46		
Historic Ave.		57	34		7532	2.80			56	40	49	42	45	41		

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									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
5	1	65	44	8	8	7	0.00	0.06	62	46	63	47	56	49	284	235
5	2	63	41	6	14	14	0.00	0.42	59	45	55	45	53	48	445	361
5	3	63	45	6	20	22	0.00	0.2	64	45	59	46	55	48	627	296
5	4	60	40	5	26	30	0.00	0.14	58	46	54	47	53	48	294	149
5	5	78	44	14	40	40	0.00	0.34	63	46	58	46	55	48	459	288
5	6	56	40	3	43	50	0.00		57	46	53	46	52	48	352	265
5	7	50	42	0	43	59	0.24	0.00	54	46	52	46	50	47	164	126
5	8	51	35	1	44	68	0.10	0.07	52	41	50	41	49	44	193	217
5	9	52	27	1	45	76	0.00	0.07	56	38	53	40	50	43	469	130
5	10	56	37	3	48	86	0.00	0.13	56	38	51	39	49	43	271	196
5	11	58	38	4	52	97	1.27	0.29	52	43	49	43	48	45	108	369
5	12	45	39	0	52	106	0.02	0.02	47	43	47	43	45	44	87	197
5	13	46	42	0	52	116	0.16	0.02	47	44	47	43	45	44	83	202
5	14	56	41	3	55	125	0.00	0.06	54	43	51	44	48	45	280	260
5	15	72	42	11	66	136	0.00	0.25	68	43	61	43	56	45	673	127
5	16	74	50	12	78	148	0.00	0.26	67	48	62	48	57	49	520	82
5	17	75	45	13	91	160	0.00	0.28	75	52	68	51	61	52	658	137
5	18	76	46	13	104	172	0.00	0.31	71	53	66	53	61	54	635	137
5	19	79	49	15	118	185	0.00	0.28	73	53	68	53	62	54	609	95
5	20	80	43	15	133	197	0.00	0.42	76	54	69	54	63	55	680	127
5	21	79	54	14	147	210	0.00	0.4	70	55	65	55	61	56	485	199
5	22	72	55	14	161	223	0.00	0.13	70	57	66	57	61	57	287	89
5	23	87	57	22	183	236	0.20	0	71	58	66	56	62	57	291	369
5	24	84	65	24	207	248	0.00	0.22	81	65	73	62	68	61	423	83
5	25	94	57	22	229	259	0.00	0.6	82	65	75	63	70	63	577	326
5	26	83	51	17	246	272	0.00	0.2	82	60	74	60	69	62	556	98
5	27	83	49	17	263	284	0.00	0.35	80	59	73	59	68	61	624	133
5	28	87	55	21	284	296	0.00	0.5	85	60	76	59	70	61	738	170
5	29	90	60	23	307	312	0.00	0.5	85	62	76	62	71	62	758	162
5	30	91	65	25	332	326	0.00	0.52	87	64	78	63	72	64	719	239
5	31	71	44	11	343	341	0.02	0.06	72	57	69	58	67	60	276	123
Monthly Total							2.01	7.10								
Monthly Ave.		70	47						67	51	62	51	58	52		
Historic Ave.		71	46				3.29		72	53	64	54	57	53		

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									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min			
6	1	82	57	20	362	355	0.00	0.38	80	57	71	58	68	60	631	132	
6	2	78	57	18	380	368	0.07	0.15	70	60	66	59	64	60	283	180	
6	3	74	47	12	392	383	0.00	0.26	77	58	70	58	67	60	572	135	
6	4	79	57	18	410	399	0.26	0.03	76	58	68	58	66	60	483	176	
6	5	82	61	21	431	415	0.00	0.27	76	63	70	61	67	62	478	96	
6	6	71	55	13	444	432	0.26	0.08	69	57	65	57	63	59	239	142	
6	7	77	52	15	459	450	0.00	0.31	73	57	68	57	66	58	673	144	
6	8	78	60	19	478	468	0.20	0.02	74	58	68	58	67	59	480	132	
6	9	75	56	16	494	484	0.03	0.04	70	58	70	58	64	59	292	155	
6	10	74	60	17	511	500	0.00	0.31	75	58	69	58	67	59	662	165	
6	11	71	59	15	526	517	1.68	0.48	68	61	64	59	63	61	165	221	
6	12	76	58	17	543	535	0.49	0.31	73	62	68	61	66	61	335	134	
6	13	61	56	9	551	554	0.16	0.03	65	60	62	59	62	60	157	142	
6	14	66	60	13	564	573	0.05	0	64	60	62	59	62	60	139	80	
6	15	68	60	14	578	591	0.17	0.05	66	61	63	60	62	60	209	158	
6	16	72	55	14	592	607	0.00	0.16	70	60	66	59	65	60	486	146	
6	17	84	63	23	615	625	0.00	0.28	79	60	73	59	70	60	742	104	
6	18	90	56	21	636	643	0.00	0.37	78	63	73	62	71	64	607	244	
6	19	85	59	22	658	661	0.00	0.45	77	63	71	62	70	63	666	235	
6	20	79	59	19	678	679	0.05	0.23	79	64	73	63	71	64	707	108	
6	21	83	63	23	700	698	0.01	0.19	78	66	73	64	71	65	589	153	
6	22	82	63	23	723	717	0.07	0.06	76	67	72	65	70	66	403	142	
6	23	92	62	24	747	735	1.31	0.64	81	67	76	65	73	65	693	122	
6	24	75	56	15	763	755	0.01	0.18	73	63	70	62	69	64	412	123	
6	25	82	62	22	785	775	0.00	0.32	77	63		62	71	63	732	104	
6	26	87	62	24	809	795	0.86	0.5	77	66			71	65	476	162	
6	27	83	63	23	832	815	1.36	0.76	79	67	74	64	71	66	366	187	
6	28	83	61	22	853	836	0.00	0.41	79	64	75	64	72	65	659	133	
6	29	74	53	14	867	856	0.00	0.27	75	61	73	61	69	63	624	131	
6	30	76	54	15	882	875	0.00	0.25	80	61	76	61	71	62	739	59	
Monthly Total							7.04	7.79									
Monthly Ave.		78	58							75	61	70	61	68	62		
Historic Ave.		80	56					3.88		83	63	75	65	68	65		

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mo	day	Tair Max	Tair Low	GDD	CumGDD	Historic Cum GDD	Daily Precip (in.)	Pan Evap (in.)	Soil Temperatures						Solar	Wind Run
									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
7	1	82	63	22	904	895	0.00	0.3	79	63	75	63	71	64	729	201
7	2	85	66	25	930	916	0.00	0.37	81	66	77	65	73	65	747	279
7	3	86	68	27	957	936	0.00	0.46	84	67	78	66	75	67	698	363
7	4	89	68	27	984	957	0.15	0.28	87	71	81	70	77	70	632	280
7	5	80	65	23	1007	977	0.01	0.25	81	71	77	70	75	70	435	73
7	6	81	64	23	1029	998	0.52	0.15	81	68	78	68	74	68	318	37
7	7	85	63	24	1053	1020	0.02	0.28	87	68	82	67	77	68	718	72
7	8	75	57	16	1069	1041	0.00	0.14	78	65	75	65	73	67	446	95
7	9	84	59	21	1090	1062	0.00	0.31	87	65	81	65	77	67	711	75
7	10	88	64	25	1115	1083	0.00	0.33	90	68	83	67	79	69	662	120
7	11	88	65	25	1141	1104	0.15	0.27	89	70	83	68	79	70	601	250
7	12	82	57	19	1160	1125	0.00	0.17	88	68	82	68	78	70	623	125
7	13	78	60	19	1179	1147	0.00	0.23	89	68	83	68	79	70	649	81
7	14	85	66	25	1204	1167	0.00	0.30	90	70	84	69	79	71	602	221
7	15	90	57	21	1225	1188	0.00	0.27	88	69	82	69	79	71	417	165
7	16	85	64	24	1250	1209	0.00	0.36	90	69	84	69	79	70	697	175
7	17	89	64	25	1275	1232	0.00	0.31	95	72	88	71	82	72	697	87
7	18	94	68	27	1302	1254	0.06	0.37	94	73	87	71	82	74	631	224
7	19	81	56	18	1320	1276	0.00	0.19	90	70	84	70	80	72	652	100
7	20	81	60	21	1341	1298	0.00	0	88	70	82	69	77	71	416	37
7	21	82	56	19	1359	1319	0.01	0.29	89	69	83	69	78	71	631	86
7	22	85	63	24	1383	1339	1.19	0.29	88	69	82	67	77	70	539	145
7	23	84	67	25	1409	1360	0.01	0.24	85	71	80	70	76	71	451	63
7	24	84	64	24	1433	1381	1.07	0.65	87	70	82	69	77	70	654	120
7	25	79	58	18	1451	1402	0.00	0.28	81	66	77	66	74	69	642	96
7	26	83	63	23	1474	1423	0.00	0.24	84	66	79	66	75	68	692	55
7	27	84	68	26	1500	1443	0.00	0.14	84	69	79	68	75	69	614	181
7	28	91	64	25	1525	1462	0.53	0.46	89	70	82	70	77	71	634	189
7	29	78	57	18	1543	1482	0.00	0.27	82	67	77	67	74	69	688	79
7	30	79	62	20	1563	1502	0.05	0.2	78	67	74	66	72	68	445	74
7	31	81	65	23	1586	1523	0.00	0.14	79	69	74	65	72	69	281	52
Monthly Total							3.77	8.54								
Monthly Ave.		84	63						86	69	81	68	77	69		
Historic Ave.		84	60					3.81		91	69	82	71	75	71	

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									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
8	1	87	66	26	1612	1543	0.00	0.2	86	69	80	68	75	69	650	50
8	2	86	69	27	1639	1563	0.55	0.49	86	71	80	69	75	70	617	201
8	3	86	69	28	1667	1584	0.00	0.16	83	72	78	68	75	71	416	85
8	4	89	69	28	1694	1603	0.00	0.14	85	72	81	68	76	71	507	55
8	5	86	60	23	1717	1622	0.00	0.37	87	68	80	69	77	71	604	91
8	6	78	58	18	1735	1642	0.00	0.17	86	68	81	65	76	70	656	74
8	7	84	63	24	1759	1662	1.40	0.55	91	68	81	67	77	69	608	73
8	8	87	63	25	1784	1683	0.00	0.14	84	69	80	65	76	70	555	201
8	9	93	67	27	1810	1702	0.17	0	90	72	90	71	79	72	480	38
8	10	88	70	28	1838	1720	0.04	0.25	90	72	85	72	80	72	601	91
8	11	86	69	27	1866	1738	0.52	0.28	82	71	83	69	76	72	342	88
8	12	92	70	28	1894	1757	0.00	0.22	91	71	86	69	80	72	617	48
8	13	91	68	27	1921	1776	0.23	0.06	93	73	90	72	81	74	532	182
8	14	80	62	21	1942	1794	0.02	0.2	81	68	78	70	76	71	297	84
8	15	81	59	20	1962	1813	0.00	0.26	85	64	80	65	76	68	557	134
8	16	76	53	14	1977	1831	0.00	0.26	81	62	76	63	73	67	559	137
8	17	79	54	16	1993	1850	0.00	0.24	85	62	79	63	75	66	606	96
8	18	79	57	18	2011	1869	0.00	0.23	88	65	81	65	76	67	595	200
8	19	78	65	22	2033	1886	0.00	0.14	84	69	78	68	75	69	408	146
8	20	86	68	27	2060	1904	0.18	0.05	87	70	81	69	76	70	367	139
8	21	87	66	26	2086	1922	0.00	0.23	88	72	83	71	78	71	493	77
8	22	88	69	27	2113	1941	0.00	0.21	96	73	88	72	81	72	540	34
8	23	90	70	28	2141	1959	0.00	0.18	95	74	87	73	81	74	584	171
8	24	85	59	22	2163	1977	0.77	0.50	91	68	86	68	80	72	549	167
8	25	75	52	14	2177	1996	0.00	0.23	78	61	76	62	73	66	593	128
8	26	71	50	11	2188	2015	0.00	0.2	83	60	77	61	74	65	595	63
8	27	82	56	19	2207	2033	0.00	0.21	85	62	79	62	75	65	573	184
8	28	84	63	23	2230	2051	0.00	0.52	84	66	78	65	75	68	582	357
8	29	87	64	25	2255	2068	0.00	0.41	86	66	80	66	76	68	572	283
8	30	89	67	27	2282	2085	0.00	0.26	84	68	78	67	75	69	431	330
8	31	89	66	26	2308	2102	0.91	0.4	90	71	84	72	79	71	475	273
Monthly Total							4.79	7.76								
Monthly Ave.		85	63						87	68	81	67	77	70		
Historic Ave.		81	57					3.12		87	67	79	69	74	69	

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									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
9	1	81	53	17	2325	2119	0.00	0.17	82	63	78	64	76	67	454	88
9	2	76	55	16	2341	2136	1.96	1.31	80	62	75	62	73	64	533	140
9	3	71	53	12	2353	2153	0.00	0.12	72	56	69	57	68	61	360	187
9	4	65	44	8	2361	2169	0.00	0.26	69	53	65	54	65	58	539	195
9	5	72	47	11	2372	2185	0.00	0.17	77	53	71	54	68	58	554	64
9	6	75	51	13	2385	2201	0.00	0.1	74	57	69	57	67	60	372	125
9	7	73	55	5	2389	2218	0.08	0.1	72	57	73	57	65	60	177	312
9	8	67	39	0	2389	2233	0.00	0.14	74	53	67	55	66	59	484	146
9	9	72	42	11	2400	2248	0.75	0.35	77	53	69	54	66	58	478	112
9	10	64	55	10	2410	2262	0.58	0.14	65	59	62	59	62	60	116	231
9	11	65	51	8	2418	2277	0.35	0.11	64	55	63	58	61	58	108	139
9	12	73	47	12	2430	2291	0.00	0.18	68	54	64	55	63	57	486	139
9	13	82	46	16	2445	2304	0.00	0.14	73	54	67	54	65	57	520	99
9	14	79	47	14	2460	2315	0.00	0.2	76	55	68	56	66	58	510	30
9	15	69	50	9	2469	2326	0.36	0.13	67	56	63	58	62	59	269	139
9	16	69	49	10	2479	2337	0.55	0.16	68	56	67	58	62	58	184	174
9	17	62	49	7	2485	2349	0.01	0.06	65	55	62	55	60	56	182	76
9	18	68	39	3	2489	2362	0.00	0.21	67	49	64	51	61	55	263	115
9	19	53	40	0	2489	2374	0.00	0.02	57	49	56	51	56	54	169	50
9	20	63	49	6	2495	2385	0.00	0.09	63	53	60	53	58	54	275	131
9	21	89	53	19	2514	2395	0.13	0.13	74	56	67	55	64	56	352	220
9	22	69	42	10	2524	2404	0.00	0.14	71	52	67	54	64	57	428	68
9	23	65	43	7	2531	2413	4.26	2.42			63	53	59	56	110	185
9	24	74	52	13	2544	2422	1.38	0.24			70	59	61	58	66	265
9	25	62	45	6	2550	2431	0.18	0.02			63	54	60	55	343	152
9	26	62	39	6	2556	2441	0.01	0.04			60	50	58	53	182	57
9	27	69	40	10	2565	2451	0.00	0.1	83	58	62	49	59	52	451	103
9	28	78	52	15	2580	2460	0.00	0.23	74	57	63	51	60	53	406	170
9	29	75	52	13	2594	2469	0.00	0.14	75	61	65	54	62	55	431	98
9	30	75	50	12	2606	2479	0.00	0.26	72	56	64	53	61	55	422	156
Monthly Total							10.60	7.88								
Monthly Ave.		71	48						72	55	66	55	63	57		
Historic Ave.		73	48				3.02		74	57	69	61	65	62		

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mo	day	Tair Max F	Tair Low F	HDD	Cum HDD	Precip (in.)	Snow (in.)	Precip 2010	Soil Temperatures						Solar	Wind Run
									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
10	1	73	43	3	3	0.00	0.00	33.66	73	54	64	51	60	54	425	90
10	2	73	37	7	10	0.00	0.00	33.66	70	50	61	49	58	52	350	134
10	3	58	33	10	20	0.00	0.00	33.66	66	45	59	46	57	50	413	76
10	4	61	35	20	40	0.00	0.00	33.66	65	45	58	46	56	49	411	133
10	5	68	41	10	50	0.00	0.00	33.66	66	47	59	46	56	49	413	217
10	6	78	49	2	51	0.00	0.00	33.66	70	51	62	49	59	52	392	256
10	7	69	35	13	64	0.00	0.00	33.66	70	48	63	49	60	53	396	148
10	8	78	35	8	73	0.00	0.00	33.66	69	48	62	48	59	52	396	157
10	9	89	53	0	73	0.00	0.00	33.66	75	56	67	54	63	55	371	162
10	10	86	52	0	73	0.00	0.00	33.66	75	58	67	57	64	58	358	103
10	11	78	49	2	74	0.00	0.00	33.66	73	57	66	56	63	58	324	76
10	12	80	50	0	74	0.00	0.00	33.66	74	57	67	56	63	57	343	76
10	13	66	40	12	86	0.00	0.00	33.66	68	50	63	51	61	54	321	162
10	14	64	39	13	100	0.00	0.00	33.66	64	48	59	48	58	52	349	140
10	15	69	34	14	113	0.00	0.00	33.66	64	46	59	47	57	51	352	159
10	16	67	34	14	128	0.00	0.00	33.66	64	46	58	47	56	50	354	127
10	17	62	33	18	145	0.00	0.00	33.66	62	45	57	46	56	50	335	151
10	18	58	33	20	165	0.00	0.00	33.66	59	45	55	46	53	49	207	90
10	19	58	33	20	185	0.00	0.00	33.66	61	44	56	46	54	49	317	54
10	20	62	34	17	202	0.00	0.00	33.66	60	44	55	45	53	48	284	126
10	21	69	35	13	215	0.00	0.00	33.66	60	43	55	44	54	48	304	190
10	22	58	34	19	234	0.00	0.00	33.66	58	43	54	44	52	47	312	104
10	23	74	45	6	239	0.00	0.00	33.66	62	44	56	44	54	47	293	156
10	24	69	49	6	245	1.23	0.00	34.89	62	53	61	54	55	52	110	111
10	25	53	49	14	259	0.00	0.00	34.89	55	53	55	53	53	52	56	61
10	26	60	42	14	274	0.52	0.00	35.41	56	50	59	51	53	52	44	236
10	27	46	33	26	299	0.22	0.00	35.63	50	39	51	41	52	44	72	584
10	28	40	31	30	329	0.02	0.00	35.65	43	38	43	39	44	42	97	380
10	29	42	25	31	361	0.00	0.00	35.65	45	35	43	36	43	40	266	128
10	30	62	30	19	380	0.00	0.00	35.65	48	35	45	36	44	39	234	149
10	31	50	26	27	407	0.00	0.00	35.65	49	36	46	38	45	41	279	127
Monthly Total				407		1.99	0.00								9175	4863
Monthly Ave.		65	38						62	47	58	47	55	50		
Historic Ave.		61	36		517	2.00			58	45	55	49	53	50		

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mo	day	Tair Max F	Tair Low F	HDD	Cum HDD	Precip (in.)	Snow (in.)	Precip 2010	Soil Temperatures						Solar	Wind Run
									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
11	1	50	26	27	434	0.00	0.00	35.65	48	36	45	37	44	40	214	57
11	2	53	31	23	457	0.00	0.00	35.65	49	37	46	38	45	41	207	96
11	3	59	31	20	476	0.00	0.00	35.65	49	37	46	38	45	40	242	206
11	4	57	36	18	495	0.00	0.00	35.65	49	39	46	40	45	42	258	228
11	5	46	24	30	525	0.00	0.00	35.65	46	34	43	35	44	39	274	167
11	6	53	23	27	552	0.00	0.00	35.65	45	34	42	35	42	38	268	111
11	7	61	35	17	568	0.00	0.00	35.65	48	35	44	36	43	39	231	255
11	8	67	36	13	582	0.00	0.00	35.65	52	39	48	39	46	41	222	177
11	9	72	41	9	591	0.00	0.00	35.65	54	43	50	43	48	44	244	125
11	10	68	38	12	602	0.00	0.00	35.65	54	43	50	43	49	44	211	197
11	11	56	30	22	624	0.12	0.00	35.77	51	39	57	40	48	43	39	163
11	12	50	31	25	649	0.00	0.00	35.77	47	38	45	39	45	42	241	106
11	13	42	32	28	677	0.12	2.00	35.89	44	37	44	40	43	41	36	151
11	14	33	31	42	719	0.08	0.00	35.97	38	36	41	36	41	38	55	211
11	15	35	24	45	765	0.00	0.00	35.97	38	34	38	34	39	37	51	81
11	16	49	25	28	793	0.09	0.00	36.06	43	34	43	34	40	36	221	82
11	17	36	32	31	824	0.00	0.00	36.06	40	37	39	37	40	38	43	104
11	18	35	24	35	860	0.00	0.00	36.06	38	34	38	34	39	36	34	146
11	19	36	24	35	895	0.00	0.00	36.06	35	34	36	34	36	36	93	256
11	20	36	15	40	934	0.00	0.00	36.06	37	31	36	32	37	34	152	190
11	21	28	14	44	978	0.00	0.00	36.06	32	31	32	32	35	33	151	237
11	22	30	19	41	1019	0.03	0.00	36.09	32	31	32	32	34	33	17	141
11	23	19	8	51	1070	0.00	0.00	36.09	31	26	32	29	33	32	46	156
11	24	23	7	50	1120	0.00	0.00	36.09	30	26	33	29	32	31	217	187
11	25	30	4	48	1168	0.14	0.00	36.23	30	24	30	26	32	31	22	217
11	26	20	4	53	1222	0.00	0.00	36.23	26	22	27	24	31	28	160	285
11	27	29	17	42	1264	0.00	0.00	36.23	28	23	29	24	29	28	51	95
11	28	37	16	38	1302	0.00	0.00	36.23	30	26	30	27	30	29	159	199
11	29	47	35	24	1326	0.00	0.00	36.23	31	30	30	30	30	30	163	214
11	30	40	18	36	1363	0.40	7.00	36.63	31	31	37	30	31	30	11	229
Monthly Total				956		0.98	9.00								4332	5070
Monthly Ave.		43	24						40	33	40	34	39	37		
Historic Ave.		42	23		1483	1.27			39	35	41	38	40	38		

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mo	day	Tair Max F	Tair Low F	HDD	Cum HDD	Precip (in.)	Snow (in.)	Precip 2010	Soil Temperatures						Solar	Wind Run
									2" Max	2" Min	4" Max	4" Min	8" Max	8" Min		
12	1	18	10	51	1414	0.00	0.00	36.63	31	31	31	31	31	31	150	280
12	2	22	8	50	1464	0.00	0.00	36.63	31	31	31	31	32	31	185	93
12	3	21	-1	55	1519	0.00	0.00	36.63	31	31	31	31	32	32	108	77
12	4	20	11	33	1552	0.07	3.00	36.70	31	31	31	31	32	32	49	230
12	5	15	2	33	1585	0.00	0.00	36.70	32	31	31	31	32	32	174	154
12	6	15	2	33	1618	0.00	0.00	36.70	32	31	31	31	33	32	127	116
12	7	14	-3	33	1651	0.00	0.00	36.70	32	32	31	31	33	33	165	94
12	8	11	-4	33	1684	0.00	0.00	36.70	32	32	32	31	33	33	143	46
12	9	23	2	33	1717	0.00	0.00	36.70	32	32	32	32	33	33	116	111
12	10	37	21	33	1749	0.00	0.00	36.70	32	32	32	32	33	33	167	176
12	11	24	15	32	1782	0.00	0.00	36.70	32	32	32	32	33	33	82	236
12	12	15	-8	45	1827	0.78	9.00	37.48	33	32	32	32	33	33	44	279
12	13	1	-12	61	1888	0.00	0.00	37.48	33	32	32	32	33	33	275	122
12	14	7	-11	70	1959	0.00	0.00	37.48	33	33	32	32	33	33	197	84
12	15	17	6	67	2025	0.00	0.00	37.48	33	33	32	32	33	33	93	251
12	16	20	14	54	2079	0.00	0.00	37.48	33	33	33	32	33	33	70	218
12	17	18	-1	48	2127	0.00	0.00	37.48	33	33	33	33	33	33	170	71
12	18	17	-1	56	2183	0.00	0.00	37.48	33	33	33	33	34	33	178	147
12	19	16	-10	57	2240	0.00	0.00	37.48	34	33	33	33	34	33	122	144
12	20	21	-9	62	2302	0.00	0.00	37.48	34	33	33	33	34	34	119	151
12	21	31	11	59	2361	0.12	5.00	37.60	34	33	33	33	34	34	50	277
12	22	19	8	44	2405	0.00	0.00	37.60	34	33	33	33	34	34	141	215
12	23	21	18	51	2456	0.00	0.00	37.60	33	33	33	33	34	34	95	93
12	24	25	21	46	2502	0.15	5.00	37.75	33	33	33	33	34	34	87	230
12	25	24	10	42	2544	0.00	0.00	37.75	34	33	35	33	34	34	115	184
12	26	11	4	48	2592	0.03	0.00	37.78	34	33	36	35	34	34	113	92
12	27	14	-1	58	2650	0.00	1.00	37.78	34	33	37	35	34	34	162	136
12	28	27	5	58	2708	0.00	0.00	37.78	34	34	37	35	34	34	166	299
12	29	32	16	41	2750	0.00	0.00	37.78	34	34	37	34	34	34	183	363
12	30	36	26	34	2783	0.00	0.00	37.78	34	34	36	33	34	34	150	293
12	31	36	0	47	2830	0.28	0.00	38.06	34	33	42	35	34	33	28	48
Monthly Total				1468		1.43	23.00								4022	5313
Monthly Ave.		20	5						33	33	33	32	33	33		
Historic Ave.		27	9		2929	0.69			30	29	32	31	33	32		