

Vegetable Research Farm, New York State Agricultural Experiment Station, Geneva, N.Y.
Daily data for 24 hour period ending at 8.00 A.M. EST

Station number 3031840

August 2004

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Total	Diff				
1	154	80	67	73	97	72	84	111	285	238	11	0	0	123
2	155	81	57	69	97	75	86	103	194	173	0	0	0	207
3	156	82	62	72	95	57	76	131	506	256	0	0	60	265
4	157	84	66	75	94	48	71	233	608	95	0	0	34	173
5	158	72	59	65	99	56	77	136	479	224	1	0	67	69
6	159	67	51	59	99	80	89	45	159	145	0	0	106	255
7	160	65	52	58	92	51	71	146	558	233	2	0	72	125
8	161	66	55	60	95	55	75	90	318	232	0	0	69	121
9	162	76	59	67	97	53	75	111	346	277	0	0	69	175
10	163	80	62	71	87	50	68	185	487	313	0	0	59	237
11	164	79	61	70	90	38	64	257	548	284	4	0	80	118
12	165	78	60	69	95	65	80	125	295	202	0	0	76	240
13	166	67	59	63	98	46	72	141	494	339	52	0	35	67
14	167	70	58	64	100	73	86	41	187	173	16	0	74	104
15	168	73	54	63	100	77	88	35	259	223	0	0	37	155
16	169	75	59	67	99	55	77	107	441	329	0	0	50	140
17	170	74	53	63	97	53	75	122	466	401	0	0	84	159
18	171	79	56	67	98	55	76	97	446	404	0	0	36	189
19	172	81	64	72	95	45	70	177	524	205	0	0	93	264
20	173	76	59	67	89	53	71	223	459	195	12	0	67	125
21	174	73	55	64	98	72	85	79	254	197	76	0	47	131
22	175	67	49	58	100	70	85	67	215	190	0	0	90	122
23	176	71	54	62	100	52	76	80	364	205	0	0	56	202
24	177	78	52	65	94	52	73	149	556	103	0	0	67	137
25	178	73	53	63	92	67	79	140	332	204	0	0	41	190
26	179	80	66	73	98	51	74	128	556	117	0	0	136	261
27	180	81	67	74	92	63	77	158	490	281	0	0	112	239
28	181	86	68	77	90	57	73	195	456	309	0	0	69	217
29	182	84	67	75	94	63	78	184	428	234	73	0	35	292
30	183	85	66	75	100	69	84	77	301	202	49	0	52	75
31	184	70	59	64	100	71	85	51	313	207	82	0	49	74
Sums		2353	1829	2084	2971	1844	2400	3924	12324	7190	378	0	1922	5251
Average		75.9	59.0	67.2	95.8	59.5	77.4	.127	397.5	231.9	.12	.0	62.0	.169

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		Soil Temperature F															
		Sod								Bare							
Mo. Day	Cl. Day	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	154	79	70	76	69	73	69	71	69	79	70	76	69	74	69	72	69
2	155	79	67	76	67	72	69	71	69	79	67	76	68	73	69	72	69
3	156	84	62	81	63	74	68	72	69	86	62	81	64	77	67	73	68
4	157	91	66	87	67	77	68	73	68	92	67	87	67	80	67	74	68
5	158	93	69	87	70	78	70	75	70	93	70	87	70	81	71	76	71
6	159	76	63	75	65	73	68	73	69	77	64	75	66	75	67	73	69
7	160	85	59	81	61	75	67	72	68	85	60	80	63	77	66	73	68
8	161	75	59	73	61	70	65	69	66	75	60	73	62	71	64	70	65
9	162	76	59	73	61	69	65	68	66	77	60	73	62	71	64	69	65
10	163	85	61	79	62	71	65	69	66	85	61	78	63	74	64	70	65
11	164	91	66	86	65	75	66	72	67	92	66	85	66	80	66	73	67
12	165	81	63	77	64	72	68	71	69	81	63	77	65	74	67	71	69
13	166	89	66	84	67	75	68	73	68	89	66	83	67	78	68	74	68
14	167	74	64	73	65	71	67	70	67	74	64	74	65	72	66	71	67
15	168	77	62	74	62	69	65	69	66	78	62	74	63	71	65	69	66
16	169	81	59	78	61	71	65	69	66	81	59	77	62	73	64	70	66
17	170	84	63	80	64	72	65	70	66	86	63	80	64	75	65	71	65
18	171	83	59	79	61	72	66	70	67	85	60	80	62	76	65	71	67
19	172	87	65	83	64	74	66	71	66	89	65	83	64	77	65	72	66
20	173	88	68	84	68	75	69	73	69	89	68	84	68	79	68	74	69
21	174	79	65	77	66	72	68	71	69	79	65	77	67	74	68	72	69
22	175	77	62	74	63	71	66	70	67	77	62	74	63	72	65	71	67
23	176	72	53	71	55	68	61	68	64	73	53	71	56	70	60	68	63
24	177	80	57	77	59	69	61	67	63	82	58	77	58	73	60	69	62
25	178	79	59	75	61	69	64	68	65	79	60	75	62	71	63	68	64
26	179	87	63	83	63	73	65	70	65	87	63	82	63	77	64	71	65
27	180	87	67	83	67	75	67	72	67	87	68	83	67	77	67	73	67
28	181	87	69	83	69	75	70	73	69	88	69	82	70	78	70	74	69
29	182	91	70	86	70	77	71	74	70	91	70	86	71	80	71	76	70
30	183	87	68	83	69	76	71	74	71	87	69	82	69	78	71	75	71
31	184	85	69	81	69	75	71	73	71	85	69	81	70	77	71	74	71
Sums		2569	1972	2459	1998	2258	2074	2201	2092	2587	1983	2453	2016	2335	2057	2229	2085
Averages		82.9	63.6	79.3	64.5	72.8	66.9	71.0	67.5	83.5	64.0	79.1	65.0	75.3	66.4	71.9	67.3

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	154	0	33		8
2	155	0	29		4
3	156	0	32		7
4	157	0	35		10
5	158	0	25		0
6	159	6	19		0
7	160	7	18		0
8	161	5	20		0
9	162	0	27		2
10	163	0	31		6
11	164	0	30		5
12	165	0	29		4
13	166	2	23		0
14	167	1	24		0
15	168	2	23		0
16	169	0	27		2
17	170	2	23		0
18	171	0	27		2
19	172	0	32		7
20	173	0	27		2
21	174	1	24		0
22	175	7	18		0
23	176	3	22		0
24	177	0	25		0
25	178	2	23		0
26	179	0	33		8
27	180	0	34		9
28	181	0	37		12
29	182	0	35		10
30	183	0	35		10
31	184	1	24		0
Sums for month		39	844		108
56	Accumulated heating degree days since July 1				
3296	Accumulated growing degree days since Jan. 1				
329	Accumulated cooling degree days since Apr. 1				