

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 2006

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	87	70	78	99	63	81	194	533	242	0	0	59	195
2	155	93	81	87	85	54	69	364	581	235	0	0	104	351
3	156	92	73	82	96	57	76	283	552	327	0	0	83	460
4	157	79	66	72	100	84	92	51	229	190	75	0	60	87
5	158	81	62	71	95	49	72	197	601	302	0	0	97	472
6	159	77	58	67	95	45	70	175	596	338	0	0	49	96
7	160	82	63	72	93	52	72	246	591	358	0	0	146	409
8	161	84	63	73	93	61	77	193	396	238	0	0	33	136
9	162	73	53	63	83	40	61	191	602	98	0	0	93	297
10	163	77	57	67	95	41	68	208	599	71	0	0	46	235
11	164	79	55	67	100	52	76	127	464	166	0	0	48	162
12	165	69	49	59	98	49	73	122	579	114	0	0	76	246
13	166	71	53	62	81	33	57	229	599	110	0	0	77	341
14	167	76	52	64	98	42	70	169	564	109	0	0	50	122
15	168	81	56	68	97	48	72	182	386	205	10	0	73	259
16	169	78	58	68	95	46	70	197	468	124	0	0	82	119
17	170	76	54	65	97	52	74	134	467	188	0	0	60	203
18	171	80	56	68	96	49	72	184	548	87	0	0	21	237
19	172	87	66	76	99	49	74	177	421	185	13	0	52	201
20	173	73	67	70	100	91	95	9	95	87	39	0	47	158
21	174	78	59	68	100	61	80	71	411	193	5	0	109	157
22	175	77	58	67	96	49	72	159	556	84	0	0	71	223
23	176	81	58	69	94	53	73	165	445	129	0	0	75	199
24	177	74	57	65	99	47	73	135	473	127	0	0	48	204
25	178	76	58	67	100	58	79	91	377	165	6	0	35	179
26	179	69	60	64	100	89	94	24	147	140	3	0	34	167
27	180	71	62	66	98	85	91	52	175	161	0	0	120	124
28	181	76	64	70	100	86	93	18	141	116	17	0	65	47
29	182	71	59	65	100	90	95	17	137	131	81	0	48	61
30	183	65	59	62	100	91	95	7	113	98	12	0	125	69
31	184	67	46	56	99	62	80	76	392	236	0	0	10	174
<b>Sums</b>		<b>2400</b>	<b>1852</b>	<b>2118</b>	<b>2981</b>	<b>1828</b>	<b>2396</b>	<b>4447</b>	<b>13238</b>	<b>5354</b>	<b>261</b>	<b>0</b>	<b>2096</b>	<b>6390</b>
<b>Average</b>		<b>77.4</b>	<b>59.7</b>	<b>68.3</b>	<b>96.2</b>	<b>59.0</b>	<b>77.3</b>	<b>.143</b>	<b>427.0</b>	<b>172.7</b>	<b>.08</b>	<b>.0</b>	<b>67.6</b>	<b>.206</b>

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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	94	75	90	74	80	73	77	73	95	75	90	73	84	73	78	73
2	155	101	77	95	78	84	76	80	76	101	78	95	78	89	77	82	76
3	156	102	76	96	77	85	79	83	78	102	77	97	78	91	79	84	78
4	157	87	70	84	72	81	75	80	76	86	70	84	72	83	74	81	76
5	158	88	64	84	67	79	72	77	74	88	66	85	68	82	71	78	73
6	159	92	66	87	68	79	72	76	72	93	67	89	69	83	72	77	72
7	160	94	70	89	70	80	72	77	73	93	71	89	70	84	72	79	73
8	161	91	68	87	70	80	74	78	74	91	68	87	71	83	73	78	74
9	162	93	62	88	65	80	71	77	73	93	63	88	66	83	70	78	73
10	163	95	66	89	68	79	71	76	72	94	67	90	69	83	70	78	72
11	164	94	64	88	66	79	72	76	73	93	64	88	67	82	70	78	73
12	165	90	61	85	64	77	70	75	72	89	61	85	64	81	68	76	71
13	166	90	61	85	64	76	70	74	70	89	62	85	65	81	68	75	70
14	167	91	62	86	65	77	69	74	70	91	63	86	65	80	68	74	70
15	168	87	64	82	66	75	70	74	70	86	65	82	67	79	69	75	70
16	169	86	63	82	65	75	69	73	71	86	63	82	65	79	68	74	70
17	170	88	62	83	64	76	69	73	70	87	62	84	65	79	68	74	70
18	171	93	69	88	68	77	69	75	69	93	68	88	67	82	69	76	69
19	172	95	70	89	71	79	72	76	72	95	71	89	71	84	72	78	72
20	173	75	69	74	69	74	71	74	71	75	69	75	69	75	70	74	71
21	174	82	62	78	64	74	68	73	70	81	63	78	65	75	67	73	69
22	175	85	60	82	63	73	68	72	69	86	61	81	64	77	67	73	69
23	176	88	62	83	64	74	68	73	68	87	63	82	65	78	67	74	68
24	177	86	65	82	66	74	69	72	69	85	66	81	67	78	68	73	69
25	178	89	66	83	67	76	70	74	70	88	67	83	68	78	69	75	70
26	179	75	65	73	66	71	68	71	69	75	65	73	66	73	68	72	69
27	180	76	67	74	67	71	68	71	68	75	67	74	67	73	68	72	68
28	181	75	65	73	66	70	68	70	68	75	65	74	67	72	68	71	68
29	182	75	64	73	64	71	67	70	67	76	64	74	65	73	66	70	67
30	183	69	60	68	62	68	65	68	66	69	61	69	62	69	64	69	65
31	184	76	52	73	55	68	62	68	64	76	53	74	56	71	60	68	63
<b>Sums</b>		<b>2702</b>	<b>2027</b>	<b>2573</b>	<b>2075</b>	<b>2362</b>	<b>2177</b>	<b>2307</b>	<b>2197</b>	<b>2693</b>	<b>2045</b>	<b>2581</b>	<b>2091</b>	<b>2464</b>	<b>2153</b>	<b>2337</b>	<b>2191</b>
<b>Averages</b>		<b>87.2</b>	<b>65.4</b>	<b>83.0</b>	<b>66.9</b>	<b>76.2</b>	<b>70.2</b>	<b>74.4</b>	<b>70.9</b>	<b>86.9</b>	<b>66.0</b>	<b>83.3</b>	<b>67.5</b>	<b>79.5</b>	<b>69.5</b>	<b>75.4</b>	<b>70.7</b>

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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	38		13
2	155	0	47		22
3	156	0	42		17
4	157	0	32		7
5	158	0	31		6
6	159	0	27		2
7	160	0	32		7
8	161	0	33		8
9	162	2	23		0
10	163	0	27		2
11	164	0	27		2
12	165	6	19		0
13	166	3	22		0
14	167	1	24		0
15	168	0	28		3
16	169	0	28		3
17	170	0	25		0
18	171	0	28		3
19	172	0	36		11
20	173	0	30		5
21	174	0	28		3
22	175	0	27		2
23	176	0	29		4
24	177	0	25		0
25	178	0	27		2
26	179	1	24		0
27	180	0	26		1
28	181	0	30		5
29	182	0	25		0
30	183	3	22		0
31	184	9	16		0
<b>Sums for month</b>		<b>25</b>	<b>878</b>		<b>128</b>
27	<b>Accumulated heating degree days since July 1</b>				
3497	<b>Accumulated growing degree days since Jan. 1</b>				
494	<b>Accumulated cooling degree days since Apr. 1</b>				
366	<b>Accumulated cooling degree days since Apr. 1</b>				