

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

July 2006

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi. Wind	Pan
		Max	Min	Avg	Max	Min	Avg	Thou In/Hg	Gm Cal/Cm2	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	123	77	61	69	82	42	62	218	542	234	0	0	112	394
2	124	86	67	76	78	40	59	371	597	193	T	0	110	315
3	125	85	66	75	95	58	76	227	495	265	0	0	112	191
4	126	84	66	75	95	56	75	199	474	264	0	0	47	241
5	127	82	60	71	93	62	77	158	390	239	T	0	73	180
6	128	80	55	67	93	53	73	175	604	152	0	0	91	320
7	129	73	58	65	88	49	68	196	552	178	0	0	96	212
8	130	78	56	67	96	43	69	198	593	201	0	0	64	225
9	131	79	63	71	89	48	68	219	521	231	0	0	4	259
10	132	82	62	72	93	46	69	242	482	333	0	0	96	216
11	133	83	60	71	100	54	77	151	388	288	28	0	75	274
12	134	81	67	74	100	55	77	134	540	206	22	0	49	253
13	135	79	65	72	100	83	91	16	174	127	147	0	96	0
14	136	81	62	71	100	56	78	136	649	123	0	0	55	253
15	137	86	69	77	100	55	77	210	598	120	10	0	53	393
16	138	83	68	75	100	61	80	151	470	160	0	0	83	179
17	139	90	71	80	92	45	68	354	615	140	0	0	51	196
18	140	91	72	81	92	45	68	320	538	198	0	0	62	296
19	141	83	61	72	100	51	75	159	583	203	0	0	61	272
20	142	85	65	75	100	52	76	162	590	178	0	0	41	333
21	143	82	60	71	100	60	80	128	491	264	84	0	75	276
22	144	81	66	73	100	69	84	83	430	263	81	0	101	267
23	145	69	58	63	100	73	86	13	193	151	56	0	12	105
24	146	76	57	66	97	54	75	142	527	174	0	0	55	188
25	147	82	62	72	92	48	70	229	582	162	0	0	43	244
26	148	86	62	74	98	56	77	167	493	207	23	0	72	246
27	149	87	70	78	94	55	74	207	531	225	0	0	62	259
28	150	85	71	78	100	68	84	103	360	202	17	0	60	171
29	151	80	70	75	99	71	85	100	334	180	15	0	71	157
30	152	86	65	75	100	64	82	133	476	239	16	0	93	343
31	153	80	67	73	100	70	85	94	519	226	0	0	45	110
Sums		2542	1982	2254	2966	1742	2345	5395	15331	6326	499	0	2120	7368
Average		82.0	63.9	72.7	95.7	56.2	75.6	.174	494.5	204.1	.16	.0	68.4	.238

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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	123	81	60	77	62	71	66	69	67	80	61	76	63	73	65	70	66
2	124	83	67	81	65	72	66	70	66	85	66	81	65	76	66	72	66
3	125	87	68	83	69	74	69	72	68	87	69	83	70	78	70	73	69
4	126	92	70	87	71	77	71	75	70	91	71	85	72	80	71	75	71
5	127	86	65	82	66	75	70	73	71	86	65	82	67	78	70	75	71
6	128	91	63	86	65	77	70	74	71	89	63	84	66	80	68	75	70
7	129	87	65	83	67	75	70	73	70	86	66	82	67	78	69	74	70
8	130	92	65	87	67	77	70	74	70	91	65	86	67	80	70	75	70
9	131	91	69	86	70	77	70	74	70	90	69	85	70	80	70	76	70
10	132	90	68	85	70	77	72	75	72	90	68	85	70	80	72	76	72
11	133	87	64	83	66	76	70	74	71	87	65	83	67	79	69	75	71
12	134	88	70	84	70	75	70	73	70	89	71	84	70	79	70	74	70
13	135	78	66	75	67	73	70	72	70	78	66	76	68	74	69	73	70
14	136	88	65	84	67	75	69	72	69	88	66	84	68	79	70	73	69
15	137	90	71	86	71	77	70	75	70	94	72	87	71	82	71	76	70
16	138	87	67	83	68	76	71	74	72	87	68	83	69	79	71	75	72
17	139	94	72	89	72	79	71	76	71	95	73	89	72	84	71	77	72
18	140	99	73	93	74	82	74	78	74	98	73	92	75	85	75	80	74
19	141	97	69	92	71	82	75	79	75	96	70	92	72	86	74	80	76
20	142	99	72	93	73	82	75	79	74	98	72	93	74	86	75	80	75
21	143	98	73	92	73	83	76	79	76	98	73	92	74	86	76	80	76
22	144	90	70	86	71	79	74	77	75	89	70	85	72	82	73	78	74
23	145	76	63	75	65	74	69	75	71	75	63	75	65	74	68	75	70
24	146	85	61	81	64	74	69	72	69	85	62	81	65	77	68	73	70
25	147	87	66	83	67	75	69	73	70	90	67	85	68	79	68	74	70
26	148	94	69	88	70	78	71	75	71	94	69	88	71	82	71	76	71
27	149	90	71	85	72	77	72	75	72	91	72	86	72	81	72	76	72
28	150	92	72	87	73	79	74	76	73	92	72	87	73	82	74	77	74
29	151	83	68	80	69	76	72	74	72	83	68	81	70	77	71	75	72
30	152	89	69	85	70	77	72	76	72	91	69	86	71	81	72	76	72
31	153	88	69	84	70	77	72	75	72	89	70	85	71	81	72	76	73
Sums		2759	2100	2625	2135	2378	2199	2308	2204	2762	2114	2623	2155	2478	2191	2340	2208
Averages		89.0	67.7	84.7	68.9	76.7	70.9	74.5	71.1	89.1	68.2	84.6	69.5	79.9	70.7	75.5	71.2

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2006

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	123	0	29		4
2	124	0	36		11
3	125	0	35		10
4	126	0	35		10
5	127	0	31		6
6	128	0	27		2
7	129	0	25		0
8	130	0	27		2
9	131	0	31		6
10	132	0	32		7
11	133	0	31		6
12	134	0	34		9
13	135	0	32		7
14	136	0	31		6
15	137	0	37		12
16	138	0	35		10
17	139	0	40		15
18	140	0	41		16
19	141	0	32		7
20	142	0	35		10
21	143	0	31		6
22	144	0	33		8
23	145	2	23		0
24	146	0	26		1
25	147	0	32		7
26	148	0	34		9
27	149	0	38		13
28	150	0	38		13
29	151	0	35		10
30	152	0	35		10
31	153	0	33		8
Sums for month		2	1014		241
2	Accumulated heating degree days since July 1				
2619	Accumulated growing degree days since Jan. 1				
366	Accumulated cooling degree days since Apr. 1				