

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 2003

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	62	71	98	44	71	231	249	220	56	0	52	280
2	155	74	62	68	100	78	89	45	466	242	4	0	9	102
3	156	84	63	73	99	54	76	80	434	267	16	0	33	209
4	157	82	67	74	99	62	80	88	524	253	97	0	29	208
5	158	83	64	73	99	57	78	147	263	197	44	0	38	295
6	159	80	63	71	100	67	83	49	273	212	13	0	22	83
7	160	78	60	69	99	74	86	42	514	186	160	0	31	0
8	161	84	65	74	98	52	75	137	383	250	2	0	3	174
9	162	80	66	73	99	63	81	100	249	208	10	0	78	154
10	163	78	69	73	100	80	90	36	422	240	40	0	5	111
11	164	81	66	73	99	64	81	70	234	212	42	0	9	189
12	165	77	67	72	100	77	88	56	329	229	7	0	10	92
13	166	81	65	73	100	68	84	58	519	212	3	0	0	137
14	167	84	66	75	100	60	80	135	569	147	0	0	12	201
15	168	85	66	75	97	54	75	205	549	146	0	0	40	230
16	169	85	68	76	92	54	73	262	346	225	T	0	40	265
17	170	80	62	71	95	63	79	117	458	186	9	0	29	157
18	171	73	60	66	90	57	73	137	527	148	0	0	35	181
19	172	77	59	68	94	51	72	157	584	75	0	0	37	188
20	173	82	59	70	96	43	69	202	561	125	0	0	14	212
21	174	85	63	74	96	48	72	201	479	209	0	0	9	216
22	175	87	65	76	95	49	72	234	520	181	4	0	24	207
23	176	80	60	70	89	50	69	214	593	75	0	0	62	169
24	177	73	53	63	82	30	56	251	546	96	0	0	80	316
25	178	74	58	66	83	39	61	242	377	238	0	0	25	207
26	179	79	62	70	97	63	80	157	300	185	0	0	51	177
27	180	81	64	72	97	61	79	156	527	128	14	0	39	135
28	181	82	52	67	95	32	63	240	510	111	0	0	64	301
29	182	73	55	64	88	45	66	208	325	210	0	0	14	139
30	183	85	60	72	95	62	78	127	301	211	15	0	71	189
31	184	66	47	56	96	62	79	73	484	120	T	0	43	110
Sums		2473	1918	2188	2967	1763	2358	4457	13415	5744	536	0	1008	5634
Average		79.8	61.9	70.6	95.7	56.9	76.1	.144	432.7	185.3	.17	.0	32.5	.182

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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	88	68	84	69	77	71	75	71	87	68	84	69	80	71	75	71
2	155	78	65	77	66	74	69	73	69	79	66	76	67	76	68	74	69
3	156	85	66	82	67	75	69	73	69	89	67	83	68	79	69	76	69
4	157	86	70	83	69	76	69	74	70	87	70	82	69	78	69	75	69
5	158	88	67	85	69	78	71	75	71	88	68	85	70	81	71	76	71
6	159	86	66	82	67	76	70	74	70	86	66	81	68	77	69	75	70
7	160	81	65	77	66	73	68	72	69	81	65	77	66	75	68	73	69
8	161	88	68	84	69	77	68	75	69	88	69	84	68	80	68	75	69
9	162	85	71	82	71	76	71	74	71	87	71	83	71	79	71	75	71
10	163	82	71	80	71	75	72	74	72	83	71	80	71	76	72	74	71
11	164	87	69	83	70	77	72	75	72	88	69	84	70	79	72	75	72
12	165	80	70	79	70	75	71	75	72	81	70	79	70	77	71	75	71
13	166	86	70	83	70	76	72	75	72	87	69	83	70	78	71	76	71
14	167	89	70	86	70	79	72	76	72	91	70	87	71	82	72	78	72
15	168	89	69	86	69	79	72	77	73	93	69	88	70	83	72	78	73
16	169	90	72	87	71	80	72	77	73	95	73	90	72	84	72	79	73
17	170	82	66	80	68	77	71	76	72	84	66	80	68	79	70	77	72
18	171	81	64	79	65	75	69	74	70	84	63	80	65	78	68	75	70
19	172	86	65	83	66	76	69	74	70	88	64	85	66	80	68	75	69
20	173	90	66	86	67	78	70	76	70	93	66	88	68	83	69	77	70
21	174	92	69	89	69	80	71	77	72	96	69	91	69	85	70	79	71
22	175	91	72	88	71	80	73	77	73	94	72	89	72	85	72	79	73
23	176	90	66	87	67	80	71	77	73	93	65	89	68	83	70	79	72
24	177	86	61	84	63	77	68	76	70	88	60	85	63	81	67	77	70
25	178	87	64	84	64	76	68	74	70	89	64	84	64	79	67	75	69
26	179	85	67	82	68	76	71	75	71	86	67	83	68	79	70	75	71
27	180	80	66	78	67	75	70	73	70	81	65	78	67	76	69	74	70
28	181	86	62	83	63	77	68	74	70	89	61	84	64	81	67	76	69
29	182	87	64	83	65	76	68	74	69	89	64	84	65	80	67	75	69
30	183	83	66	80	67	74	69	73	70	85	65	80	67	77	68	74	69
31	184	75	56	74	58	71	64	71	66	76	56	75	58	73	62	72	65
Sums		2649	2071	2560	2092	2371	2169	2315	2191	2705	2068	2581	2102	2463	2150	2348	2180
Averages		85.5	66.8	82.6	67.5	76.5	70.0	74.7	70.7	87.3	66.7	83.3	67.8	79.5	69.4	75.7	70.3

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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	31		6
2	155	0	28		3
3	156	0	33		8
4	157	0	34		9
5	158	0	33		8
6	159	0	31		6
7	160	0	29		4
8	161	0	34		9
9	162	0	33		8
10	163	0	33		8
11	164	0	33		8
12	165	0	32		7
13	166	0	33		8
14	167	0	35		10
15	168	0	35		10
16	169	0	36		11
17	170	0	31		6
18	171	0	26		1
19	172	0	28		3
20	173	0	30		5
21	174	0	34		9
22	175	0	36		11
23	176	0	30		5
24	177	2	23		0
25	178	0	26		1
26	179	0	30		5
27	180	0	32		7
28	181	0	27		2
29	182	1	24		0
30	183	0	32		7
31	184	9	16		0
Sums for month		12	948		185
14	Accumulated heating degree days since July 1				
3273	Accumulated growing degree days since Jan. 1				
403	Accumulated cooling degree days since Apr. 1				