

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 2002

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 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	154	88	69	78	90	46	68	280	0	178	0	0	43	289
2	155	89	70	79	90	45	67	312	0	108	0	0	15	278
3	156	91	65	78	89	40	64	294	0	153	0	0	63	296
4	157	84	60	72	94	34	64	242	0	58	0	0	25	300
5	158	86	69	77	87	38	62	337	0	166	0	0	24	182
6	159	83	57	70	82	44	63	294	0	182	0	0	107	354
7	160	69	56	62	81	52	66	185	0	212	0	0	87	239
8	161	72	54	63	92	45	68	219	0	128	0	0	75	295
9	162	74	55	64	80	35	57	244	0	573	0	0	54	294
10	163	80	55	67	90	34	62	259	0	558	0	0	16	244
11	164	88	60	74	89	23	56	336	0	567	0	0	16	287
12	165	89	61	75	90	32	61	367	0	459	0	0	13	236
13	166	92	65	78	92	31	61	348	0	450	2	0	21	275
14	167	90	68	79	88	41	64	324	0	212	20	0	20	257
15	168	96	69	82	93	44	68	510	0	208	2	0	56	337
16	169	86	67	76	92	59	75	158	0	189	10	0	32	127
17	170	90	69	79	94	45	69	297	0	186	0	0	52	253
18	171	87	71	79	90	51	70	207	0	193	T	0	29	111
19	172	87	56	71	88	38	63	304	0	182	0	0	67	267
20	173	80	59	69	95	38	66	175	0	184	8	0	23	189
21	174	80	52	66	92	39	65	203	539	115	0	0	56	278
22	175	82	56	69	79	29	54	350	562	99	0	0	52	281
23	176	78	63	70	91	60	75	158	170	140	5	0	99	126
24	177	78	62	70	97	45	71	200	449	160	18	0	31	193
25	178	70	61	65	98	84	91	51	142	93	46	0	49	84
26	179	77	57	67	91	47	69	169	527	126	0	0	70	263
27	180	81	60	70	93	36	64	205	506	117	0	0	47	197
28	181	72	50	61	94	52	73	147	479	146	0	0	53	229
29	182	73	53	63	92	55	73	201	319	210	0	0	31	105
30	183	68	51	59	96	49	72	114	254	184	0	0	36	134
31	184	78	54	66	94	46	70	165	514	88	0	0	22	291
Sums		2538	1874	2198	2803	1357	2071	7655	4461	6624	111	0	1384	7291
Average		81.9	60.5	70.9	90.4	43.8	66.8	.247	143.9	213.7	.04	.0	44.6	.235

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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	93	71	88	72	82	72	78	73	99	72	92	73	86	73	80	73
2	155	98	74	93	74	84	74	81	74	103	74	96	75	89	75	83	74
3	156	99	70	93	72	85	75	82	76	102	70	95	73	90	75	84	76
4	157	99	69	93	71	85	75	82	75	102	69	95	72	90	74	84	76
5	158	97	74	91	73	84	75	81	75	99	74	93	73	88	74	83	75
6	159	94	67	89	70	84	74	81	75	96	67	92	70	87	73	82	75
7	160	88	64	84	66	79	70	78	72	89	63	84	66	81	69	78	72
8	161	92	64	86	66	80	70	77	71	92	63	87	66	82	69	78	70
9	162	93	64	87	66	80	70	77	71	95	63	89	66	84	69	78	71
10	163	96	66	89	68	81	70	78	71	97	65	91	68	85	69	79	71
11	164	98	69	91	70	83	71	79	72	101	68	94	69	88	70	80	72
12	165	98	70	90	71	83	74	80	74	99	70	92	72	86	73	82	74
13	166	99	72	92	74	85	74	81	75	101	72	95	74	88	74	82	75
14	167	92	71	87	72	82	75	80	75	96	71	90	73	86	75	82	76
15	168	88	75	87	76	84	77	81	77	90	75	90	76	88	78	82	78
16	169	86	71	83	72	79	74	78	74	88	71	84	72	81	74	80	74
17	170	93	73	88	74	82	74	79	74	96	73	91	74	85	74	80	74
18	171	94	72	87	73	81	75	79	75	96	72	89	73	85	75	80	75
19	172	94	66	88	68	82	72	80	74	96	65	90	69	86	92	80	73
20	173	92	64	86	67	80	70	78	73	94	65	87	70	82	72	79	73
21	174	90	63	85	66	79	70	77	72	93	62	87	66	83	69	79	71
22	175	93	68	87	68	80	70	77	71	95	68	88	67	84	69	78	70
23	176	78	68	76	69	75	71	74	71	79	68	76	69	77	70	75	71
24	177	91	69	85	69	79	70	76	71	93	69	87	69	82	70	78	71
25	178	74	62	73	64	73	68	73	69	75	62	74	64	74	66	74	68
26	179	80	61	78	63	74	66	73	68	84	60	81	63	77	66	73	68
27	180	85	66	81	65	76	66	74	68	90	65	85	64	79	66	75	67
28	181	85	60	81	62	76	67	74	68	88	60	83	62	79	66	75	68
29	182	79	63	76	63	73	66	72	68	80	63	78	64	74	66	72	68
30	183	76	58	73	60	71	64	70	66	78	58	75	60	73	63	70	66
31	184	87	62	82	62	75	64	72	66	89	62	83	62	78	63	74	65
Sums		2801	2086	2649	2126	2476	2203	2402	2234	2875	2079	2713	2134	2577	2211	2439	2230
Averages		90.4	67.3	85.5	68.6	79.9	71.1	77.5	72.1	92.7	67.1	87.5	68.8	83.1	71.3	78.7	71.9

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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	39		14
3	156	0	38		13
4	157	0	32		7
5	158	0	37		12
6	159	0	30		5
7	160	3	22		0
8	161	2	23		0
9	162	1	24		0
10	163	0	27		2
11	164	0	34		9
12	165	0	35		10
13	166	0	38		13
14	167	0	39		14
15	168	0	42		17
16	169	0	36		11
17	170	0	39		14
18	171	0	39		14
19	172	0	31		6
20	173	0	29		4
21	174	0	26		1
22	175	0	29		4
23	176	0	30		5
24	177	0	30		5
25	178	0	25		0
26	179	0	27		2
27	180	0	30		5
28	181	4	21		0
29	182	2	23		0
30	183	6	19		0
31	184	0	26		1
Sums for month		18	958		201
37	Accumulated heating degree days since July 1				
3470	Accumulated growing degree days since Jan. 1				
605	Accumulated cooling degree days since Apr. 1				