

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 2012

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	64	76	100	55	77	1	419	355	62	0	84	272
2	155	81	61	71	100	53	76	1	404	398	0	0	60	177
3	156	84	65	74	98	48	73	23	445	406	0	0	50	231
4	157	87	69	78	100	51	75	2	417	408	0	0	36	194
5	158	91	73	82	95	46	70	3	509	482	0	0	126	438
6	159	88	61	74	98	60	79	15	374	369	11	0	97	140
7	160	76	56	66	100	50	75	1	467	181	0	0	65	185
8	161	84	58	71	99	28	63	27	572	48	0	0	53	267
9	162	87	63	75	100	42	71	2	441	129	0	0	41	204
10	163	84	65	74	100	54	77	1	351	253	21	0	61	182
11	164	77	64	70	100	74	87	0	240	183	8	0	77	100
12	165	79	58	68	99	47	73	2	433	165	0	0	81	106
13	166	76	60	68	100	60	80	1	346	263	3	0	66	162
14	167	82	63	72	100	37	68	2	423	186	2	0	47	209
15	168	79	63	71	100	58	79	1	263	186	32	0	45	175
16	169	77	58	67	100	55	77	1	402	201	0	0	67	205
17	170	82	63	72	92	38	65	3	490	138	0	0	63	302
18	171	76	54	65	100	51	75	1	228	184	0	0	63	106
19	172	72	50	61	100	36	68	2	517	205	0	0	68	238
20	173	77	50	63	100	37	68	2	455	312	0	0	53	186
21	174	76	51	63	100	53	76	1	285	187	8	0	56	113
22	175	77	54	65	95	34	64	2	515	76	0	0	59	219
23	176	81	55	68	98	38	68	2	393	159	0	0	50	194
24	177	83	57	70	95	30	62	3	496	78	0	0	48	216
25	178	87	60	73	96	34	65	3	480	90	0	0	50	403
26	179	87	60	73	96	36	66	3	469	103	0	0	69	286
27	180	84	66	75	96	46	71	3	346	167	0	0	95	112
28	181	85	65	75	100	50	75	1	262	167	79	0	65	136
29	182	78	53	65	100	44	72	1	420	218	0	0	97	246
30	183	73	52	62	96	41	68	2	420	258	0	0	63	182
31	184	83	56	69	84	34	59	3	462	267	0	0	48	170
Sums		2521	1847	2176	3037	1420	2222	115	12744	6822	226	0	2003	6356
Average		81.3	59.6	70.2	98.0	45.8	71.7	0.004	411.1	220.1	0.07	0.0	64.6	0.205

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		Soil Temperature F															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	154	93	69	87	70	82	73	80	74	98	68	93	70	87	72	82	73
2	155	91	66	85	69	82	72	80	73	90	66	88	69	85	71	81	73
3	156	93	70	88	70	83	72	82	73	98	70	94	70	88	71	83	72
4	157	95	72	89	73	85	77	83	75	99	73	95	74	90	75	85	75
5	158	97	75	90	75	86	75	83	76	101	76	97	75	92	76	85	76
6	159	97	65	90	69	84	72	83	94	99	65	94	68	88	71	84	73
7	160	92	64	86	68	84	71	82	73	94	65	92	67	84	70	83	73
8	161	100	67	92	68	87	71	84	73	102	68	99	68	92	70	86	72
9	162	100	71	92	72	86	75	83	75	102	72	96	72	90	74	85	75
10	163	96	70	89	71	85	75	83	76	98	70	93	72	88	74	84	75
11	164	83	67	79	69	79	73	78	74	83	67	81	69	81	71	79	73
12	165	89	65	83	67	80	71	79	72	90	65	87	67	84	70	80	71
13	166	87	66	81	68	79	70	77	72	88	66	84	67	81	70	78	71
14	167	97	69	88	69	83	71	80	72	98	69	94	69	87	70	82	71
15	168	91	67	82	69	78	71	77	72	91	67	86	68	82	70	77	71
16	169	88	62	83	65	80	69	78	70	88	63	86	95	82	68	79	70
17	170	94	66	86	66	82	69	80	70	95	65	93	66	88	68	82	70
18	171	85	60	85	64	80	68	75	70	77	62	86	63	85	67	78	69
19	172	93	61	84	65	81	68	79	70	92	60	91	63	85	66	80	69
20	173	91	63	82	64	80	67	78	69	91	62	88	64	83	66	79	68
21	174	89	67	79	61	76	65	75	67	87	57	82	59	78	63	76	66
22	175	94	61	84	62	81	65	79	67	94	60	90	61	85	64	80	66
23	176	94	63	83	65	80	68	78	69	93	63	88	65	84	67	80	69
24	177	98	66	89	67	84	69	81	71	98	66	95	66	89	69	83	70
25	178	99	68	89	69	85	71	82	72	98	69	95	69	90	71	84	72
26	179	98	68	89	70	84	73	81	73	98	69	95	70	89	72	82	73
27	180	94	70	85	71	81	73	80	74	93	70	89	71	85	73	81	74
28	181	94	68	85	70	81	72	79	73	93	68	89	70	84	71	80	73
29	182	85	59	81	63	79	67	78	69	84	60	85	62	82	66	80	69
30	183	86	58	79	61	78	66	77	68	87	58	86	61	82	64	78	67
31	184	92	60	83	62	80	65	78	67	91	60	89	62	84	64	79	67
Sums		2875	2043	2647	2092	2535	2184	2472	2243	2890	2039	2800	2112	2654	2154	2515	2206
Averages		92.7	65.9	85.4	67.5	81.8	70.5	79.7	72.4	93.2	65.8	90.3	68.1	85.6	69.5	81.1	71.2

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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	36		11
2	155	0	31		6
3	156	0	34		9
4	157	0	38		13
5	158	0	42		17
6	159	0	34		9
7	160	0	26		1
8	161	0	31		6
9	162	0	35		10
10	163	0	34		9
11	164	0	30		5
12	165	0	28		3
13	166	0	28		3
14	167	0	32		7
15	168	0	31		6
16	169	0	27		2
17	170	0	32		7
18	171	0	25		0
19	172	4	21		0
20	173	2	23		0
21	174	2	23		0
22	175	0	25		0
23	176	0	28		3
24	177	0	30		5
25	178	0	33		8
26	179	0	33		8
27	180	0	35		10
28	181	0	35		10
29	182	0	25		0
30	183	3	22		0
31	184	0	29		4
Sums for month		11	936		172

13 Accumulated heating degree days since July 1
 3885 Accumulated growing degree days since Jan. 1
 632 Accumulated cooling degree days since Apr. 1