

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 2014

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	76	51	63	0	0	0	0	0	0	0	54	278	
2	155	81	58	69	0	0	0	0	0	0	0	56	289	
3	156	83	62	72	0	0	0	0	0	14	0	47	147	
4	157	75	62	68	0	0	0	0	0	97	0	34	0	
5	158	79	60	69	0	0	0	0	0	5	0	43	240	
6	159	76	61	68	0	0	0	0	0	10	0	50	125	
7	160	74	58	66	0	0	0	0	0	0	0	89	234	
8	161	74	56	65	0	0	0	0	0	0	0	98	249	
9	162	75	54	64	0	0	0	0	0	0	0	72	233	
10	163	79	55	67	0	0	0	0	0	0	0	40	203	
11	164	80	59	69	0	0	0	0	0	0	0	36	194	
12	165	82	59	70	0	0	0	0	0	21	0	121	251	
13	166	73	63	68	0	0	0	0	0	24	0	162	122	
14	167	73	54	63	0	0	0	0	0	5	0	114	265	
15	168	68	53	60	0	0	0	0	0	7	0	94	194	
16	169	70	54	62	0	0	0	0	0	0	0	102	164	
17	170	71	59	65	0	0	0	0	0	17	0	73	52	
18	171	71	56	63	0	0	0	0	0	0	0	75	199	
19	172	70	49	59	0	0	0	0	0	3	0	46	214	
20	173	78	53	65	0	0	0	0	0	2	0	53	173	
21	174	75	64	69	0	0	0	0	0	18	0	45	41	
22	175	78	63	70	0	0	0	0	0	62	0	42	231	
23	176	78	63	70	0	0	0	0	0	24	0	42	197	
24	177	71	57	64	0	0	0	0	0	0	0	50	111	
25	178	77	56	66	0	0	0	0	0	0	0	36	83	
26	179	79	57	68	0	0	0	0	0	0	0	55	206	
27	180	82	58	70	0	0	0	0	0	0	0	57	192	
28	181	77	55	66	0	0	0	0	0	0	0	81	173	
29	182	67	52	59	0	0	0	0	0	0	0	99	183	
30	183	72	52	62	0	0	0	0	0	0	0	27	229	
31	184	82	60	71	0	0	0	0	0	48	0	170	280	
Sums		2346	1773	2050	0	0	0	0	0	357	0	2163	5752	
Average		75.7	57.2	66.1	0.0	0.0	0.0	0.000	0.0	0.0	0.12	69.8	0.186	

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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	78	58	76	58	74	64	73	65	84	62	83	61	79	62	74	64
2	155	78	67	76	66	74	66	73	67	83	65	81	65	78	65	74	66
3	156	84	69	80	69	77	68	75	68	89	67	87	67	82	68	77	68
4	157	79	68	77	68	74	69	72	69	82	66	81	66	77	67	73	68
5	158	82	68	80	69	76	69	75	69	86	65	85	66	80	68	76	69
6	159	79	66	77	67	74	68	73	68	81	63	80	64	77	66	73	67
7	160	80	64	78	65	76	67	75	67	81	60	82	61	79	64	76	66
8	161	81	63	79	64	76	66	75	67	83	59	83	60	79	63	76	65
9	162	79	63	77	65	75	66	74	67	81	59	82	61	79	63	75	66
10	163	82	65	79	66	76	67	75	67	85	62	86	63	81	65	76	66
11	164	83	68	80	68	78	68	77	68	88	66	89	66	84	67	79	68
12	165	79	66	77	67	75	69	74	69	84	65	85	67	80	68	75	69
13	166	73	67	72	67	70	68	70	68	74	65	74	66	72	67	70	68
14	167	79	62	78	63	75	65	74	66	81	57	81	58	78	62	75	64
15	168	77	61	75	62	72	64	72	64	77	57	79	58	75	61	72	63
16	169	75	61	74	63	72	64	71	65	76	57	78	59	75	61	72	63
17	170	71	63	70	63	68	64	67	65	73	61	73	61	70	61	68	61
18	171	77	63	75	64	73	65	72	65	77	61	79	62	77	63	73	64
19	172	78	61	76	63	74	64	72	65	79	58	82	59	78	62	73	64
20	173	78	64	76	64	73	65	72	65	82	63	83	62	79	63	74	64
21	174	74	67	72	67	71	68	70	68	76	66	75	66	73	67	70	67
22	175	79	68	77	68	75	68	73	68	82	66	83	67	79	67	75	67
23	176	79	70	77	70	75	70	74	69	83	68	82	69	78	69	75	69
24	177	74	65	73	66	72	67	71	68	74	62	74	63	73	65	71	67
25	178	80	66	78	67	76	67	75	68	83	64	85	64	81	66	77	67
26	179	80	66	77	68	75	68	74	69	84	63	85	64	81	67	76	68
27	180	81	68	79	68	78	69	76	69	87	68	88	67	83	67	78	69
28	181	81	63	79	64	77	66	76	67	86	59	87	61	82	64	77	66
29	182	74	59	74	61	74	63	74	64	76	56	79	58	77	60	75	63
30	183	78	63	76	64	75	65	74	66	83	61	84	62	80	63	75	65
31	184	78	65	76	65	73	66	72	66	84	64	85	65	79	65	73	66
Sums		2430	2007	2370	2029	2303	2063	2270	2076	2524	1935	2540	1958	2425	2006	2303	2047
Averages		78.4	64.7	76.5	65.5	74.3	66.5	73.2	67.0	81.4	62.4	81.9	63.2	78.2	64.7	74.3	66.0

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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	2	23		0
2	155	0	29		4
3	156	0	32		7
4	157	0	28		3
5	158	0	29		4
6	159	0	28		3
7	160	0	26		1
8	161	0	25		0
9	162	1	24		0
10	163	0	27		2
11	164	0	29		4
12	165	0	30		5
13	166	0	28		3
14	167	2	23		0
15	168	5	20		0
16	169	3	22		0
17	170	0	25		0
18	171	2	23		0
19	172	6	19		0
20	173	0	25		0
21	174	0	29		4
22	175	0	30		5
23	176	0	30		5
24	177	1	24		0
25	178	0	26		1
26	179	0	28		3
27	180	0	30		5
28	181	0	26		1
29	182	6	19		0
30	183	3	22		0
31	184	0	31		6
Sums for month		31	810		66

121 Accumulated heating degree days since July 1
 3186 Accumulated growing degree days since Jan. 1
 323 Accumulated cooling degree days since Apr. 1

