

## 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

June

2014

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	93	70	44	57	90	26	58	23	625	150	0	0	73	167
2	94	79	56	67	62	29	45	41	619	139	0	0	118	459
3	95	87	62	74	93	41	67	29	517	194	33	0	75	343
4	96	82	52	67	87	41	64	25	397	231	5	0	92	243
5	97	72	52	62	77	40	58	25	386	333	0	0	50	323
6	98	64	53	58	78	51	64	16	281	259	0	0	97	189
7	99	71	52	61	83	40	61	22	537	272	0	0	90	260
8	100	78	52	65	85	34	59	29	609	168	0	0	55	287
9	101	82	60	71	92	35	63	22	432	309	57	0	74	242
10	102	72	60	66	94	65	79	13	272	263	0	0	51	154
11	103	75	62	68	93	62	77	16	335	288	2	0	45	155
12	104	77	63	70	89	66	77	14	324	248	13	0	178	196
13	105	69	64	66	91	79	85	10	169	164	23	0	135	44
14	106	81	50	65	90	48	69	16	345	252	10	0	90	154
15	107	64	52	58	88	58	73	14	264	248	0	0	111	75
16	108	71	52	61	94	48	71	16	591	223	0	0	41	168
17	109	84	56	70	89	36	62	27	449	254	0	0	66	231
18	110	88	65	76	91	44	67	30	494	203	71	0	113	307
19	111	75	62	68	94	60	77	16	408	315	5	0	72	153
20	112	72	51	61	79	20	49	26	638	100	0	0	91	383
21	113	70	47	58	90	30	60	22	575	198	0	0	64	485
22	114	73	52	62	87	36	61	22	610	126	0	0	55	151
23	115	77	53	65	89	28	58	28	623	92	0	0	44	282
24	116	83	59	71	89	43	66	37	450	253	0	0	102	267
25	117	85	66	75	93	56	74	15	310	194	112	0	78	213
26	118	75	64	69	94	76	85	70	163	159	55	0	62	105
27	119	77	58	67	94	47	70	18	505	219	0	0	71	186
28	120	82	60	71	89	36	62	28	594	111	0	0	38	320
29	121	85	66	75	76	43	59	34	567	195	0	0	91	329
30	122	86	69	77	77	51	64	33	481	195	0	0	98	241
Sums		2306	1714	2001	2617	1369	1984	737	13570	6355	386	0	2420	7112
Average		76.9	57.1	66.7	87.2	45.6	66.1	0.025	452.3	211.8	0.13	0.0	80.7	0.237

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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	93	73	57	71	59	69	61	68	61	85	56	84	58	78	60	71	61
2	94	73	61	70	60	69	61	67	62	88	62	86	62	79	61	71	61
3	95	77	64	73	63	72	63	71	64	93	69	91	67	83	65	74	64
4	96	80	62	78	63	75	64	73	64	86	58	85	60	82	63	76	63
5	97	73	58	71	60	69	62	68	62	79	54	78	56	74	60	69	62
6	98	68	59	67	60	66	61	66	61	71	57	71	57	68	59	67	61
7	99	75	59	72	59	70	61	69	62	83	56	83	58	78	60	72	61
8	100	78	62	75	62	74	62	72	63	92	61	91	62	84	63	76	62
9	101	74	64	72	63	70	64	69	64	88	64	87	65	80	64	72	64
10	102	71	66	70	66	69	66	68	65	77	66	75	66	72	66	69	66
11	103	74	67	72	67	71	66	69	65	81	66	80	66	76	66	71	66
12	104	74	65	72	65	69	65	68	65	78	64	78	64	74	65	69	65
13	105	69	66	68	65	67	65	66	65	71	65	71	65	69	65	67	65
14	106	80	61	77	63	71	64	70	64	85	58	84	59	77	61	71	63
15	107	67	60	68	60	67	61	67	62	68	56	68	67	68	59	67	61
16	108	78	62	76	62	72	62	70	62	83	59	83	60	79	60	72	61
17	109	76	65	75	64	72	63	70	64	84	64	83	65	79	63	73	63
18	110	83	67	79	68	75	67	73	66	91	67	90	67	83	68	76	66
19	111	79	69	77	69	75	68	73	68	82	68	82	68	79	68	74	68
20	112	81	61	78	63	75	65	74	65	83	57	85	59	81	62	76	64
21	113	79	61	76	63	73	65	72	66	84	59	85	60	80	63	74	65
22	114	80	62	77	63	74	65	73	65	88	60	89	62	83	64	76	65
23	115	83	63	79	65	76	65	75	66	93	63	93	64	86	66	78	66
24	116	78	67	75	66	73	67	72	67	89	70	88	69	82	68	75	67
25	117	79	70	76	69	74	69	73	69	87	70	86	70	80	70	74	70
26	118	75	68	74	68	72	68	71	68	79	66	78	66	75	67	76	67
27	119	80	66	77	67	76	68	74	68	82	64	83	65	80	66	76	69
28	120	86	69	82	69	79	68	77	68	90	67	90	67	86	68	79	68
29	121	83	70	80	70	77	68	75	70	89	69	89	69	84	69	77	69
30	122	85	71	80	71	77	71	75	71	92	71	91	72	84	71	78	71
Sums		2311	1922	2237	1932	2168	1945	2128	1952	2521	1886	2507	1915	2363	1930	2196	1944
Averages		77.0	64.1	74.6	64.4	72.3	64.8	70.9	65.1	84.0	62.9	83.6	63.8	78.8	64.3	73.2	64.8

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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	93	8	17		0
2	94	0	27		2
3	95	0	34		9
4	96	0	27		2
5	97	3	22		0
6	98	7	18		0
7	99	4	21		0
8	100	0	25		0
9	101	0	31		6
10	102	0	26		1
11	103	0	28		3
12	104	0	30		5
13	105	0	26		1
14	106	0	25		0
15	107	7	18		0
16	108	4	21		0
17	109	0	30		5
18	110	0	36		11
19	111	0	28		3
20	112	4	21		0
21	113	7	18		0
22	114	3	22		0
23	115	0	25		0
24	116	0	31		6
25	117	0	35		10
26	118	0	29		4
27	119	0	27		2
28	120	0	31		6
29	121	0	35		10
30	122	0	37		12
Sums for month		47	801		98
7674	Accumulated heating degree days since July 1				
1525	Accumulated growing degree days since Jan. 1				
131	Accumulated cooling degree days since Apr. 1				