

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 2013

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	93	91	64	77	100	100	100	0	440	0	0	0	346	
2	94	89	66	77	100	100	100	0	373	0	26	0	302	
3	95	80	50	65	100	100	100	0	517	0	0	114	230	
4	96	64	47	55	100	100	100	0	601	0	0	98	227	
5	97	66	49	57	100	35	67	12	439	0	0	96	287	
6	98	69	52	60	100	91	95	0	54	0	0	55	201	
7	99	59	53	56	100	96	98	0	95	0	216	73	94	
8	100	65	55	60	100	79	89	4	221	0	23	63	45	
9	101	65	52	58	100	49	74	14	557	0	2	59	72	
10	102	74	57	65	100	77	88	2	124	0	0	35	190	
11	103	66	61	63	100	82	91	4	206	0	67	84	40	
12	104	67	55	61	96	50	73	15	595	0	18	118	91	
13	105	73	56	64	100	90	95	0	74	0	2	59	256	
14	106	61	49	55	100	56	78	11	503	0	102	112	83	
15	107	72	55	63	94	32	63	23	609	0	1	125	376	
16	108	73	57	65	98	73	85	10	243	0	0	82	307	
17	109	74	60	67	100	41	70	11	483	0	9	91	84	
18	110	80	58	69	100	43	71	11	423	0	10	75	297	
19	111	67	50	58	100	38	69	14	639	0	0	78	189	
20	112	66	45	55	89	36	62	20	633	0	0	62	268	
21	113	76	51	63	84	31	57	0	357	0	0	52	245	
22	114	81	55	68	83	40	61	42	468	0	0	45	296	
23	115	87	69	78	91	47	69	24	398	0	0	62	268	
24	116	90	68	79	92	42	67	34	571	0	19	62	188	
25	117	88	65	76	94	48	71	24	0	0	0	66	324	
26	118	83	68	75	95	58	76	15	463	0	0	100	279	
27	119	84	64	74	95	86	90	5	220	0	0	59	241	
28	120	80	64	72	96	72	84	8	153	0	15	48	143	
29	121	69	61	65	92	59	75	17	249	0	20	54	70	
30	122	74	60	67	96	81	88	5	458	0	50	39	46	
Sums		2233	1716	1967	2895	1932	2406	325	11166	0	580	0	6085	
Average		74.4	57.2	65.6	96.5	64.4	80.2	0.011	372.2	0.0	0.19	0.0	0.203	

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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	94	69	83	70	78	70	75	69	94	70	90	71	84	71	78	70
2	94	85	59	78	62	73	65	72	66	82	60	81	63	78	65	74	66
3	95	84	54	75	59	71	63	7	65	80	56	79	59	75	62	72	64
4	96	87	57	77	60	72	62	71	64	82	58	81	60	77	62	73	63
5	97	85	60	76	61	73	63	71	64	83	60	82	61	78	63	73	64
6	98	63	59	63	60	66	62	67	62	64	60	65	60	66	61	67	62
7	99	69	60	66	61	64	62	64	62	68	60	67	61	65	62	64	62
8	100	71	59	69	61	65	62	65	62	70	60	69	60	67	61	65	62
9	101	87	62	78	62	75	62	72	62	83	62	84	61	80	61	74	62
10	102	69	63	67	64	66	64	65	64	69	63	68	64	67	64	65	64
11	103	75	57	70	60	66	62	66	63	72	58	70	59	68	62	66	63
12	104	89	63	81	63	76	62	73	63	87	63	85	61	81	62	75	63
13	105	65	56	65	59	66	61	66	62	65	56	65	58	66	60	73	58
14	106	82	56	76	59	72	61	70	62	80	57	79	59	75	61	71	61
15	107	87	61	81	63	74	62	72	63	83	62	82	61	79	62	74	63
16	108	79	62	75	63	71	64	70	64	78	62	77	63	74	64	71	64
17	109	90	63	83	65	73	65	70	65	86	63	83	64	77	64	72	64
18	110	79	56	73	60	72	63	71	64	75	56	77	59	75	62	72	64
19	111	83	56	76	60	74	62	72	63	82	58	84	60	80	61	74	63
20	112	94	59	82	62	76	63	73	64	90	61	88	64	83	63	76	64
21	113	96	66	83	67	78	69	76	68	92	68	91	68	85	69	79	69
22	114	96	69	85	68	78	68	76	68	93	71	90	69	84	69	78	68
23	115	100	69	88	71	79	71	77	71	95	70	92	71	86	72	79	71
24	116	98	70	88	71	81	71	79	71	92	71	93	72	88	72	82	71
25	117	103	71	92	72	83	72	81	72	97	72	94	73	88	73	83	72
26	118	88	68	82	69	78	70	76	70	86	68	84	69	81	70	78	70
27	119	76	67	74	67	72	68	72	69	75	66	75	67	74	68	72	68
28	120	79	66	75	67	74	68	73	69	78	65	76	66	76	68	74	68
29	121	89	67	82	69	77	68	75	69	87	67	85	68	82	68	77	68
30	122	73	65	72	66	71	67	70	67	73	64	72	65	71	66	70	67
Sums		2515	1869	2315	1921	2194	1952	2087	1967	2441	1887	2408	1916	2310	1948	2201	1958
Averages		83.8	62.3	77.2	64.0	73.1	65.1	69.6	65.6	81.4	62.9	80.3	63.9	77.0	64.9	73.4	65.3

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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	93	0	37		12
2	94	0	37		12
3	95	0	25		0
4	96	10	15		0
5	97	8	17		0
6	98	5	20		0
7	99	9	16		0
8	100	5	20		0
9	101	7	18		0
10	102	0	25		0
11	103	2	23		0
12	104	4	21		0
13	105	1	24		0
14	106	10	15		0
15	107	2	23		0
16	108	0	25		0
17	109	0	27		2
18	110	0	29		4
19	111	7	18		0
20	112	10	15		0
21	113	2	23		0
22	114	0	28		3
23	115	0	38		13
24	116	0	39		14
25	117	0	36		11
26	118	0	35		10
27	119	0	34		9
28	120	0	32		7
29	121	0	25		0
30	122	0	27		2
Sums for month		82	767		99
6627	Accumulated heating degree days since July 1				
1593	Accumulated growing degree days since Jan. 1				
139	Accumulated cooling degree days since Apr. 1				