

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 2009

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	58	38	48	97	37	67	116	258	227	0	0	0	281
2	94	67	46	56	94	46	70	158	412	213	0	0	0	127
3	95	65	49	57	97	60	78	74	420	307	0	0	0	161
4	96	68	46	57	92	50	71	127	595	244	0	0	0	167
5	97	67	42	54	98	39	68	132	500	351	0	0	0	242
6	98	71	49	60	100	47	73	139	578	208	0	0	0	213
7	99	82	38	60	85	38	61	254	342	272	0	0	0	307
8	100	73	49	61	99	32	65	154	396	267	0	0	0	156
9	101	76	60	68	100	58	79	75	581	142	32	0	0	158
10	102	80	53	66	95	51	73	132	475	317	0	0	0	315
11	103	72	54	63	99	68	83	79	238	201	0	0	0	158
12	104	75	58	66	100	75	87	30	498	245	80	0	0	117
13	105	74	55	64	100	60	80	68	330	232	3	0	0	257
14	106	74	51	62	100	60	80	75	568	142	35	0	0	119
15	107	75	53	64	97	44	70	168	618	182	0	0	0	276
16	108	74	49	61	100	49	74	114	640	114	14	0	0	273
17	109	76	58	67	91	44	67	184	255	232	0	0	0	286
18	110	68	56	62	100	69	84	57	130	127	89	0	0	199
19	111	65	57	61	100	97	98	1	299	239	28	0	0	3
20	112	72	56	64	100	68	84	39	95	93	3	0	0	145
21	113	65	57	61	100	99	99	0	431	303	122	0	0	68
22	114	74	59	66	100	80	90	45	651	156	0	0	0	150
23	115	75	56	65	100	64	82	102	662	150	0	0	0	296
24	116	77	62	69	93	58	75	159	650	124	0	0	0	319
25	117	84	60	72	97	42	69	250	421	163	0	0	0	326
26	118	86	64	75	100	62	81	133	336	196	5	0	0	225
27	119	77	59	68	100	71	85	67	594	223	33	0	0	222
28	120	75	59	67	94	64	79	142	407	166	0	0	0	276
29	121	79	58	68	100	60	80	69	486	194	21	0	0	127
30	122	76	59	67	100	58	79	104	289	196	15	0	0	257
Sums		2200	1610	1899	2928	1750	2331	3247	13155	6226	480	0	0	6226
Average		73.3	53.7	63.3	97.6	58.3	77.7	.108	438.5	207.5	.16	.0	.0	.208

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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	74	45	69	48	63	54	61	56	74	47	70	50	66	53	62	56
2	94	67	54	62	54	59	55	59	57	66	54	63	54	60	55	59	57
3	95	81	54	72	55	63	57	61	58	79	55	72	57	66	58	61	58
4	96	80	50	72	52	63	58	61	59	78	51	72	54	66	57	61	59
5	97	87	50	78	53	67	58	62	59	85	51	77	55	70	58	63	59
6	98	82	53	74	55	66	59	63	60	80	54	73	57	69	59	64	60
7	99	89	59	81	60	69	61	65	61	87	59	79	61	72	61	66	61
8	100	78	56	72	58	67	62	64	62	77	57	73	59	69	61	65	62
9	101	85	61	77	61	67	62	65	62	84	62	76	62	70	62	65	62
10	102	86	57	79	59	70	62	66	63	87	59	80	61	74	63	67	63
11	103	89	60	79	61	69	63	66	63	88	62	79	62	73	63	67	63
12	104	82	61	76	62	68	64	66	64	81	62	75	63	70	64	66	64
13	105	82	56	75	58	68	62	65	63	79	57	75	60	70	61	66	63
14	106	81	54	75	57	67	61	65	62	78	55	72	58	69	60	65	62
15	107	85	55	78	58	68	62	65	62	84	58	78	60	72	61	66	62
16	108	86	53	79	56	69	61	66	63	87	55	79	58	73	61	67	63
17	109	92	61	81	62	71	62	68	63	91	62	83	63	76	63	68	63
18	110	76	58	71	59	68	62	67	63	74	58	71	60	69	62	67	63
19	111	69	59	66	60	64	62	64	62	68	60	66	61	65	62	63	62
20	112	76	57	71	59	65	61	63	61	74	58	70	60	67	61	63	61
21	113	67	59	65	60	63	61	63	62	66	60	65	61	64	61	63	62
22	114	77	60	72	61	66	62	64	62	75	61	71	61	68	62	64	62
23	115	79	57	75	58	68	62	66	63	84	58	78	61	73	63	67	63
24	116	88	60	79	62	71	63	68	63	88	62	81	63	75	63	69	63
25	117	93	62	84	64	74	65	70	65	93	64	85	66	78	66	71	66
26	118	94	63	86	65	74	68	71	68	94	64	85	67	78	68	72	68
27	119	82	61	76	63	70	66	69	67	80	63	76	65	72	66	69	66
28	120	85	59	78	61	72	66	69	66	86	61	81	64	75	66	70	66
29	121	92	60	84	62	72	66	70	66	91	61	83	63	76	65	70	66
30	122	83	62	79	63	71	66	68	66	84	62	78	64	74	65	69	66
Sums		2467	1716	2265	1766	2032	1853	1960	1871	2442	1752	2266	1810	2119	1850	1975	1871
Averages		82.2	57.2	75.5	58.9	67.7	61.8	65.3	62.4	81.4	58.4	75.5	60.3	70.6	61.7	65.8	62.4

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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	17	8		0
2	94	9	16		0
3	95	8	17		0
4	96	8	17		0
5	97	11	14		0
6	98	5	20		0
7	99	5	20		0
8	100	4	21		0
9	101	0	28		3
10	102	0	26		1
11	103	2	23		0
12	104	0	26		1
13	105	1	24		0
14	106	3	22		0
15	107	1	24		0
16	108	4	21		0
17	109	0	27		2
18	110	3	22		0
19	111	4	21		0
20	112	1	24		0
21	113	4	21		0
22	114	0	26		1
23	115	0	25		0
24	116	0	29		4
25	117	0	32		7
26	118	0	35		10
27	119	0	28		3
28	120	0	27		2
29	121	0	28		3
30	122	0	27		2
Sums for month		90	699		39

7121 Accumulated heating degree days since July 1
 1510 Accumulated growing degree days since Jan. 1
 70 Accumulated cooling degree days since Apr. 1