

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

2011

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	91	69	80	97	58	77	21	533	254	0	0	258	
2	94	86	53	69	88	25	56	33	603	163	0	0	450	
3	95	65	48	56	82	36	59	17	625	193	0	0	319	
4	96	69	52	60	97	37	67	23	611	105	0	0	295	
5	97	66	55	60	100	69	84	4	185	162	11	0	152	
6	98	76	53	64	100	53	76	8	518	235	0	0	183	
7	99	81	58	69	100	53	76	14	561	179	0	0	255	
8	100	84	63	73	100	59	79	17	560	214	0	0	248	
9	101	92	69	80	97	51	74	32	573	243	5	0	369	
10	102	88	58	73	94	48	71	21	523	269	0	0	361	
11	103	70	58	64	100	66	83	10	385	329	47	0	365	
12	104	76	61	68	100	80	90	3	318	256	20	0	31	
13	105	68	55	61	100	79	89	6	283	206	19	0	186	
14	106	69	53	61	100	61	80	7	302	248	3	0	162	
15	107	62	48	55	100	72	86	6	277	255	4	0	124	
16	108	81	53	67	100	38	69	18	624	239	0	0	275	
17	109	82	60	71	100	29	64	9	390	286	5	0	233	
18	110	76	60	68	100	66	83	9	380	301	2	0	189	
19	111	80	57	68	91	45	68	19	580	284	0	0	283	
20	112	72	50	61	100	37	68	17	642	211	0	0	263	
21	113	79	58	68	98	37	67	24	616	251	0	0	258	
22	114	84	59	71	100	50	75	23	557	239	38	0	360	
23	115	80	65	72	100	85	92	2	242	206	26	0	101	
24	116	83	66	74	100	57	78	8	388	231	6	0	243	
25	117	79	62	70	100	59	79	6	342	262	10	0	232	
26	118	71	58	64	100	77	88	6	280	272	1	0	141	
27	119	70	58	64	100	81	90	3	228	224	3	0	16	
28	120	79	64	71	95	55	75	16	548	212	0	0	351	
29	121	83	62	72	97	56	76	15	419	299	34	0	246	
30	122	69	58	63	98	76	87	8	372	320	0	0	219	
Sums		2311	1743	2017	2934	1695	2306	405	13465	7148	234	0	7168	
Average		77.0	58.1	67.2	97.8	56.5	76.9	0.014	448.8	238.3	0.08	0.0	0.239	

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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	76	66	71	66	68	66	67	64	88	62	81	67	74	68	68	63
2	94	77	61	73	63	68	66	68	65	89	58	82	62	76	65	70	66
3	95	73	58	70	60	67	63	67	63	82	53	77	57	72	61	67	63
4	96	74	58	69	59	65	62	65	61	85	59	78	61	72	61	66	64
5	97	66	60	65	61	64	62	64	62	71	58	67	60	65	61	64	61
6	98	73	59	68	60	63	61	64	59	83	57	76	59	69	62	64	61
7	99	76	61	70	62	66	62	66	60	92	61	83	64	74	63	67	62
8	100	76	64	71	64	67	64	67	62	92	65	84	66	76	66	68	64
9	101	79	66	74	66	70	66	69	65	96	69	88	70	79	68	71	66
10	102	79	66	75	67	71	68	70	67	94	66	86	68	80	70	72	68
11	103	74	64	71	65	70	68	70	68	86	64	81	66	76	68	71	69
12	104	74	66	71	67	69	67	69	66	81	64	77	65	73	67	69	67
13	105	71	62	69	64	67	65	67	65	75	57	72	60	69	63	67	64
14	106	70	62	67	62	65	63	67	63	77	58	72	60	68	62	65	63
15	107	65	57	64	59	64	61	64	61	68	52	66	55	64	58	64	60
16	108	73	60	69	61	65	61	65	60	89	57	80	60	71	59	65	60
17	109	72	64	69	64	67	63	66	63	86	62	79	63	72	64	68	63
18	110	72	63	68	64	66	64	66	62	84	60	77	62	71	64	66	64
19	111	76	62	71	63	67	65	67	63	90	59	83	62	75	65	69	64
20	112	77	60	72	62	68	65	68	65	93	58	86	62	77	65	69	66
21	113	78	64	72	65	69	65	69	64	95	64	87	66	78	66	70	66
22	114	80	67	74	67	71	67	71	66	98	69	89	70	81	69	72	68
23	115	75	68	72	68	70	68	70	67	83	66	78	67	74	69	71	68
24	116	78	69	74	69	70	68	70	67	85	67	79	67	74	69	70	68
25	117	76	67	73	68	70	68	70	67	83	64	78	66	74	67	70	68
26	118	73	65	71	66	69	67	69	67	76	61	73	63	71	65	69	66
27	119	71	64	69	65	67	66	67	65	75	60	72	62	69	64	67	65
28	120	78	67	72	67	69	65	69	64	92	67	84	67	77	65	70	65
29	121	78	65	73	66	69	67	69	66	90	61	82	63	76	66	70	67
30	122	70	63	69	64	68	66	68	66	76	59	73	61	70	64	68	65
Sums		2230	1898	2116	1924	2029	1949	2028	1923	2554	1837	2370	1901	2197	1944	2047	1944
Averages		74.3	63.3	70.5	64.1	67.6	65.0	67.6	64.1	85.1	61.2	79.0	63.4	73.2	64.8	68.2	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	0	40		15
2	94	0	29		4
3	95	9	16		0
4	96	5	20		0
5	97	5	20		0
6	98	1	24		0
7	99	0	29		4
8	100	0	33		8
9	101	0	40		15
10	102	0	33		8
11	103	1	24		0
12	104	0	28		3
13	105	4	21		0
14	106	4	21		0
15	107	10	15		0
16	108	0	27		2
17	109	0	31		6
18	110	0	28		3
19	111	0	28		3
20	112	4	21		0
21	113	0	28		3
22	114	0	31		6
23	115	0	32		7
24	116	0	34		9
25	117	0	30		5
26	118	1	24		0
27	119	1	24		0
28	120	0	31		6
29	121	0	32		7
30	122	2	23		0
Sums for month		47	817		114

6320 Accumulated heating degree days since July 1

1640 Accumulated growing degree days since Jan. 1

162 Accumulated cooling degree days since Apr. 1