

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

2010

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	In Evap	
1	93	89	65	77	100	45	72	162	426	155	40	0	0	269
2	94	78	54	66	100	49	74	154	400	187	11	0	0	226
3	95	86	62	74	100	31	65	245	526	174	25	0	0	239
4	96	76	60	68	100	70	85	50	398	298	5	0	0	282
5	97	76	58	67	100	62	81	102	465	308	105	0	0	299
6	98	81	58	69	100	49	74	136	468	250	137	0	0	436
7	99	64	49	56	100	81	90	16	200	186	20	0	0	108
8	100	68	48	58	92	43	67	143	557	221	1	0	0	183
9	101	65	49	57	95	48	71	123	534	168	0	0	0	214
10	102	62	52	57	100	75	87	10	114	91	38	0	0	33
11	103	67	54	60	99	66	82	78	281	203	0	0	0	134
12	104	75	57	66	100	58	79	121	486	184	3	0	0	225
13	105	84	62	73	100	77	88	54	384	270	7	0	0	303
14	106	69	60	64	100	89	94	18	167	163	0	0	0	11
15	107	75	51	63	100	71	85	56	346	280	0	0	0	94
16	108	76	55	65	100	42	71	185	546	165	0	0	0	232
17	109	75	54	64	100	64	82	74	301	169	110	0	0	213
18	110	70	55	62	100	61	80	73	368	189	0	0	0	171
19	111	81	62	71	94	51	72	208	642	110	0	0	0	390
20	112	87	68	77	99	57	78	153	441	222	33	0	0	102
21	113	85	66	75	94	55	74	167	604	156	0	0	0	297
22	114	82	64	73	100	59	79	111	552	231	0	0	0	234
23	115	79	67	73	100	79	89	56	280	207	38	0	0	106
24	116	85	70	77	99	59	79	177	544	187	10	0	0	297
25	117	80	61	70	97	69	83	124	504	212	1	0	0	313
26	118	77	56	66	100	52	76	108	520	217	0	0	0	284
27	119	73	62	67	100	70	85	62	188	173	5	0	0	140
28	120	83	68	75	100	74	87	110	401	277	18	0	0	31
29	121	82	62	72	100	76	88	89	355	205	55	0	0	261
30	122	70	51	60	84	48	66	172	573	161	0	0	0	294
Sums		2300	1760	2022	2953	1830	2383	3337	12571	6019	662	0	0	6421
Average		76.7	58.7	67.4	98.4	61.0	79.4	0.111	419.0	200.6	0.22	0.0	0.0	0.214

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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	96	66	86	67	75	69	72	68	95	68	86	69	80	70	73	69
2	94	82	55	78	58	71	64	70	65	82	57	78	60	74	63	71	65
3	95	93	65	84	66	73	65	71	65	91	66	83	65	76	65	72	66
4	96	84	62	78	64	71	67	69	67	84	64	78	66	74	67	69	67
5	97	89	63	81	64	72	67	70	67	87	64	81	66	76	68	70	67
6	98	83	60	79	62	72	66	69	66	84	0	79	64	75	66	70	67
7	99	70	52	67	56	66	60	67	62	69	54	67	57	67	59	67	61
8	100	75	51	71	54	65	59	63	61	74	52	71	55	67	58	64	60
9	101	80	52	73	55	65	59	62	60	78	55	72	58	68	59	63	61
10	102	65	55	62	56	61	58	62	59	63	55	60	57	61	58	62	59
11	103	69	52	65	54	62	58	61	58	67	54	64	56	63	57	61	58
12	104	81	57	74	58	64	58	63	58	81	59	74	60	68	59	63	59
13	105	85	63	77	63	67	62	66	61	84	65	76	63	71	63	66	62
14	106	72	61	69	63	66	64	65	64	72	62	70	63	68	64	66	64
15	107	79	55	74	58	67	62	66	64	78	57	73	59	70	62	66	63
16	108	91	59	80	61	71	63	67	63	87	61	80	64	74	63	68	64
17	109	80	59	74	61	68	64	66	64	78	60	72	62	70	63	67	64
18	110	75	54	70	57	65	61	65	61	74	56	70	58	67	60	65	61
19	111	84	60	77	62	68	62	66	61	84	62	78	62	72	62	67	62
20	112	86	63	79	64	70	64	68	63	83	64	78	66	72	65	68	64
21	113	86	60	80	62	72	66	68	65	86	62	81	64	76	67	70	66
22	114	91	64	83	65	73	67	70	67	89	65	83	67	77	67	71	67
23	115	80	63	75	65	71	67	69	67	79	64	75	66	72	67	70	67
24	116	88	67	82	68	73	67	71	67	88	68	82	69	77	68	72	67
25	117	89	62	82	64	74	68	71	69	87	63	81	66	77	68	72	69
26	118	90	60	83	63	74	68	70	68	88	62	82	65	77	67	72	69
27	119	74	63	72	65	69	67	69	67	74	64	72	65	70	66	69	67
28	120	89	69	81	69	73	67	70	66	86	70	80	68	75	67	71	67
29	121	85	61	79	64	79	68	71	68	83	63	78	65	74	67	71	69
30	122	81	53	76	57	71	63	70	65	81	55	77	59	74	62	71	65
Sums		2472	1786	2291	1845	2088	1920	2027	1926	2436	1771	2281	1884	2162	1917	2047	1936
Averages		82.4	59.5	76.4	61.5	69.6	64.0	67.6	64.2	81.2	59.0	76.0	62.8	72.1	63.9	68.2	64.5

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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	26		1
3	95	0	34		9
4	96	0	28		3
5	97	0	27		2
6	98	0	29		4
7	99	9	16		0
8	100	7	18		0
9	101	8	17		0
10	102	8	17		0
11	103	5	20		0
12	104	0	26		1
13	105	0	33		8
14	106	1	24		0
15	107	2	23		0
16	108	0	25		0
17	109	1	24		0
18	110	3	22		0
19	111	0	31		6
20	112	0	37		12
21	113	0	35		10
22	114	0	33		8
23	115	0	33		8
24	116	0	37		12
25	117	0	30		5
26	118	0	26		1
27	119	0	27		2
28	120	0	35		10
29	121	0	32		7
30	122	5	20		0

Sums for month

49

822

121

6514 Accumulated heating degree days since July 1
 1841 Accumulated growing degree days since Jan. 1
 193 Accumulated cooling degree days since Apr. 1