

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

2012

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Gm Cal/Cm2 Total	Diff				
1	93	65	48	56	0	0	0	42	436	274	0	0	65	215
2	94	64	52	58	0	0	0	36	24	23	31	0	92	122
3	95	66	54	60	0	0	0	0	335	250	1	0	78	71
4	96	64	51	57	0	0	0	42	260	210	13	0	82	71
5	97	58	49	53	0	0	0	37	142	141	14	0	79	52
6	98	66	47	56	0	0	0	37	484	326	0	0	73	168
7	99	73	51	62	0	0	0	37	457	428	10	0	58	207
8	100	76	52	64	0	0	0	43	594	443	0	0	62	363
9	101	80	60	70	0	0	0	49	508	430	22	0	125	251
10	102	73	60	66	0	0	0	64	297	259	42	0	62	237
11	103	87	64	75	0	0	0	54	571	445	0	0	37	126
12	104	89	65	77	0	0	0	15	517	424	46	0	144	368
13	105	76	51	63	0	0	0	46	256	239	47	0	123	102
14	106	67	49	58	0	0	0	22	587	166	0	0	86	231
15	107	75	52	63	0	0	0	38	631	85	0	0	55	244
16	108	81	57	69	0	0	0	43	618	144	2	0	42	391
17	109	82	61	71	0	0	0	50	555	184	0	0	62	160
18	110	83	64	73	0	0	0	56	561	165	0	0	163	254
19	111	74	63	68	0	0	0	65	441	291	20	0	179	0
20	112	88	63	75	0	0	0	54	474	273	0	0	79	521
21	113	92	68	80	0	0	0	31	551	180	0	0	72	357
22	114	90	67	78	0	0	0	62	552	177	0	0	79	329
23	115	80	60	70	0	0	0	65	481	160	0	0	85	313
24	116	0	0	0	0	0	0	59	604	0	0	0	0	0
25	117	81	55	68	0	0	0	55	359	192	3	0	137	0
26	118	67	53	60	0	0	0	57	560	183	8	0	128	315
27	119	73	58	65	0	0	0	43	616	127	0	0	149	369
28	120	78	57	67	0	0	0	51	598	159	0	0	123	390
29	121	87	64	75	0	0	0	59	488	237	0	0	48	221
30	122	88	65	76	0	0	0	82	618	120	0	0	108	570
Sums		2223	1660	1933	0	0	0	1394	14175	6735	259	0	2675	7018
Average		74.1	55.3	64.4	0.0	0.0	0.0	0.046	472.5	224.5	0.09	0.0	89.2	0.234

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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	57	72	60	68	62	67	62	80	56	76	58	70	61	66	64
2	94	64	58	64	59	64	60	65	61	65	56	64	58	64	59	64	60
3	95	68	57	66	58	62	60	63	60	72	55	67	57	64	59	62	60
4	96	67	58	65	59	62	60	62	60	70	56	66	57	63	59	61	60
5	97	62	55	62	56	61	58	61	59	63	53	61	54	61	56	61	58
6	98	71	54	67	56	62	58	61	58	73	52	69	53	64	56	61	58
7	99	77	57	73	58	63	59	63	59	81	54	75	56	67	75	63	59
8	100	79	57	74	58	64	60	64	60	83	55	78	58	70	60	64	60
9	101	78	62	75	62	67	62	66	62	87	62	81	63	74	63	67	63
10	102	72	62	69	62	65	63	65	62	74	62	71	63	68	64	65	63
11	103	85	65	79	66	69	64	69	63	89	64	83	66	75	65	69	64
12	104	84	68	79	68	72	67	71	66	93	68	87	69	79	69	73	67
13	105	76	58	73	61	71	64	71	66	77	56	74	58	71	62	71	65
14	106	78	56	74	58	66	62	66	63	78	55	75	57	70	60	65	63
15	107	82	57	76	59	68	63	66	63	85	57	80	59	73	62	66	63
16	108	84	63	77	62	69	65	68	63	90	61	84	63	76	65	68	54
17	109	84	63	78	64	70	66	70	65	90	64	84	66	77	68	71	66
18	110	85	66	80	67	74	68	73	67	92	68	86	69	80	69	74	68
19	111	81	66	77	67	74	69	73	69	86	66	82	68	76	69	74	70
20	112	85	68	79	68	71	67	70	67	86	68	81	69	76	69	71	67
21	113	91	68	85	69	74	69	72	68	97	69	90	71	82	71	74	69
22	114	93	69	87	70	77	71	75	70	99	70	92	73	84	73	76	72
23	115	91	66	85	67	77	72	76	73	95	65	89	68	82	71	76	73
24	116	91	63	85	65	76	70	75	70	95	62	89	65	82	69	75	70
25	117	90	67	84	69	75	71	74	71	94	67	87	68	80	70	75	71
26	118	86	61	82	64	75	68	73	70	89	60	83	63	78	67	74	69
27	119	85	63	80	65	73	68	72	69	88	63	83	65	77	67	72	69
28	120	87	62	82	65	47	26	87	26	99	16	28	56	47	96	77	36
29	121	90	69	82	70	74	69	73	68	93	70	86	71	79	70	74	69
30	122	96	68	89	69	79	72	76	72	100	68	94	70	85	73	78	72
Sums		2436	1863	2300	1901	2069	1913	2087	1912	2563	1798	2345	1891	2194	1997	2087	1922
Averages		81.2	62.1	76.7	63.4	69.0	63.8	69.6	63.7	85.4	59.9	78.2	63.0	73.1	66.6	69.6	64.1

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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	9	16		0
2	94	7	18		0
3	95	5	20		0
4	96	8	17		0
5	97	12	13		0
6	98	9	16		0
7	99	3	22		0
8	100	1	24		0
9	101	0	30		5
10	102	0	26		1
11	103	0	35		10
12	104	0	37		12
13	105	2	23		0
14	106	7	18		0
15	107	2	23		0
16	108	0	29		4
17	109	0	31		6
18	110	0	33		8
19	111	0	28		3
20	112	0	35		10
21	113	0	40		15
22	114	0	38		13
23	115	0	30		5
24	116	65	0		0
25	117	0	28		3
26	118	5	20		0
27	119	0	25		0
28	120	0	27		2
29	121	0	35		10
30	122	0	36		11

Sums for month

135

773

118

5753 Accumulated heating degree days since July 1
1903 Accumulated growing degree days since Jan. 1
187 Accumulated cooling degree days since Apr. 1