

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

2008

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	77	55	66	100	60	80	95	291	267	38	0	96	305
2	94	63	52	57	91	67	79	97	604	258	2	0	107	125
3	95	76	56	66	84	36	60	301	235	205	0	0	97	214
4	96	72	58	65	100	56	78	93	386	282	4	0	31	83
5	97	73	60	66	100	71	85	58	511	249	0	0	46	158
6	98	82	64	73	96	68	82	162	535	176	1	0	93	258
7	99	94	73	83	87	44	65	405	536	205	0	0	74	458
8	100	89	68	78	98	52	75	242	509	244	0	0	142	233
9	101	87	71	79	94	59	76	289	652	106	11	0	67	353
10	102	93	66	79	95	41	68	355	387	198	0	0	47	397
11	103	89	58	73	98	44	71	146	569	150	30	0	88	247
12	104	80	55	67	91	45	68	232	618	141	0	0	78	309
13	105	76	56	66	97	44	70	159	436	204	0	0	41	242
14	106	88	63	75	100	55	77	165	229	189	5	0	70	234
15	107	74	62	68	100	71	85	59	193	557	4	0	109	54
16	108	83	59	71	100	39	69	175	379	220	35	0	24	251
17	109	79	55	67	89	47	68	175	411	251	6	0	62	278
18	110	65	50	57	99	56	77	88	326	231	11	0	111	202
19	111	66	49	57	100	54	77	68	441	258	30	0	57	145
20	112	66	55	60	100	59	79	86	496	177	12	0	64	82
21	113	72	53	62	100	63	81	78	464	191	1	0	48	268
22	114	80	58	69	100	45	72	100	537	202	22	0	149	194
23	115	77	58	67	100	50	75	124	560	194	38	0	61	200
24	116	76	57	66	100	51	75	117	583	132	0	0	0	205
25	117	73	55	64	96	53	74	139	340	205	0	0	89	233
26	118	81	62	71	98	40	69	274	312	242	T	0	51	210
27	119	80	65	72	100	65	82	131	333	205	0	0	54	29
28	120	82	64	73	100	68	84	104	339	245	6	0	47	244
29	121	83	68	75	94	67	80	137	413	192	2	0	75	181
30	122	81	60	70	100	60	80	94	652	124	87	0	82	332
Sums		2357	1785	2062	2907	1630	2261	4748	13277	6500	345	0	2160	6724
Average		78.6	59.5	68.7	96.9	54.3	75.4	.158	442.6	216.7	.12	.0	72.0	.224

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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	79	54	74	55	65	57	62	58	79	54	73	56	68	57	63	58
2	94	68	48	64	50	61	54	60	55	66	49	64	51	62	53	60	55
3	95	84	55	78	55	67	54	62	55	84	56	78	55	71	55	64	55
4	96	76	59	72	59	65	60	63	60	76	59	71	60	67	61	64	60
5	97	82	62	76	61	67	60	64	60	81	62	76	61	70	61	65	60
6	98	92	67	84	65	72	64	68	63	91	67	84	65	77	64	69	63
7	99	98	69	90	70	77	68	72	67	98	70	91	71	83	70	74	67
8	100	96	69	90	70	79	71	74	70	96	70	90	71	84	72	76	71
9	101	92	69	87	70	78	72	74	71	91	70	87	71	82	72	75	72
10	102	102	69	95	71	82	72	76	71	102	70	96	72	88	73	79	72
11	103	87	60	83	62	77	67	75	68	89	61	84	63	80	66	75	68
12	104	88	59	84	62	75	67	72	68	90	61	84	64	79	66	73	68
13	105	93	62	87	64	76	67	72	68	94	63	88	65	81	67	74	68
14	106	94	67	88	68	76	69	73	69	94	68	88	70	81	69	74	69
15	107	77	61	74	63	72	67	71	68	77	62	75	64	73	66	71	68
16	108	92	62	85	63	76	67	72	68	91	62	85	64	80	67	73	68
17	109	85	58	80	61	73	65	71	67	86	60	80	62	76	65	72	67
18	110	79	57	74	59	69	63	68	64	78	57	74	59	71	62	68	64
19	111	77	53	72	55	67	60	65	62	76	54	72	56	69	59	66	61
20	112	72	58	68	59	65	61	64	62	71	59	68	60	67	61	64	62
21	113	78	55	73	57	67	61	64	62	78	56	74	58	70	61	65	62
22	114	88	60	81	61	70	63	67	63	87	61	81	62	74	63	68	63
23	115	82	60	77	62	70	64	67	65	82	61	76	62	72	64	68	65
24	116	87	59	81	61	72	65	69	66	88	61	81	63	76	65	70	65
25	117	85	58	80	59	72	65	69	66	86	59	81	61	76	64	70	65
26	118	95	66	87	66	76	65	71	66	95	67	87	66	80	66	73	66
27	119	84	65	80	66	72	69	70	68	85	66	80	67	75	69	71	69
28	120	86	66	81	67	74	69	71	68	86	67	81	68	77	69	72	69
29	121	87	67	82	68	73	70	71	69	87	68	82	69	77	69	71	69
30	122	86	60	81	62	75	67	72	68	85	61	81	63	78	66	73	67
Sums		2571	1834	2408	1871	2160	1943	2069	1955	2569	1861	2412	1899	2264	1942	2100	1956
Averages		85.7	61.1	80.3	62.4	72.0	64.8	69.0	65.2	85.6	62.0	80.4	63.3	75.5	64.7	70.0	65.2

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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	26		1
2	94	8	17		0
3	95	0	26		1
4	96	0	25		0
5	97	0	26		1
6	98	0	33		8
7	99	0	43		18
8	100	0	38		13
9	101	0	39		14
10	102	0	39		14
11	103	0	33		8
12	104	0	27		2
13	105	0	26		1
14	106	0	35		10
15	107	0	28		3
16	108	0	31		6
17	109	0	27		2
18	110	8	17		0
19	111	8	17		0
20	112	5	20		0
21	113	3	22		0
22	114	0	29		4
23	115	0	27		2
24	116	0	26		1
25	117	1	24		0
26	118	0	31		6
27	119	0	32		7
28	120	0	33		8
29	121	0	35		10
30	122	0	30		5

Sums for month

33

862

145

6607 Accumulated heating degree days since July 1

1627 Accumulated growing degree days since Jan. 1

153 Accumulated cooling degree days since Apr. 1