

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

2000

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	57	67	92	52	72	185	442	199	T	0	59	191
2	94	78	56	67	92	34	63	231	463	236	3	0	42	223
3	95	83	50	66	91	60	75	182	416	258	T	0	140	207
4	96	64	42	53	91	32	61	150	630	127	0	0	47	228
5	97	67	47	57	98	27	62	144	370	306	0	0	32	112
6	98	56	48	52	97	79	88	33	118	108	83	0	43	128
7	99	53	47	50	98	73	85	26	154	126	10	0	72	105
8	100	69	51	60	86	51	68	220	464	187	0	0	55	163
9	101	77	62	69	93	39	66	321	348	243	8	0	76	123
10	102	78	61	69	95	53	74	159	282	182	6	0	54	190
11	103	87	72	79	76	40	58	477	614	128	0	0	102	356
12	104	81	51	66	100	62	81	49	270	208	12	0	71	178
13	105	61	51	56	98	76	87	57	211	198	T	0	31	48
14	106	68	58	63	99	90	94	18	162	128	134	0	82	121
15	107	78	62	70	92	74	83	110	567	219	0	0	162	237
16	108	79	64	71	98	70	84	83	448	189	82	0	94	235
17	109	87	62	74	95	48	71	215	480	186	8	0	72	333
18	110	88	55	71	92	55	73	151	346	214	0	0	49	177
19	111	58	48	53	97	66	81	42	136	80	21	0	28	44
20	112	72	53	62	90	50	70	156	577	144	3	0	21	208
21	113	77	62	69	83	44	63	275	588	128	1	0	45	269
22	114	80	65	72	90	66	78	195	303	219	110	0	77	279
23	115	80	57	68	91	42	66	216	416	173	T	0	97	239
24	116	75	55	65	93	49	71	144	506	223	0	0	45	205
25	117	82	57	69	88	51	69	265	471	253	0	0	76	214
26	118	79	65	72	99	67	83	114	260	197	5	0	60	107
27	119	83	63	73	97	58	77	175	567	201	45	0	43	296
28	120	77	54	65	87	43	65	224	618	143	0	0	64	266
29	121	74	57	65	94	44	69	193	465	238	0	0	18	211
30	122	71	55	63	96	57	76	96	361	234	20	0	38	170
Sums		2239	1687	1956	2788	1652	2213	4906	12053	5675	551	0	1895	5863
Average		74.6	56.2	65.2	92.9	55.1	73.8	.164	401.8	189.2	.18	.0	63.2	.195

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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	70	60	68	59	63	58	62	58	75	59	68	58	64	58	63	58
2	94	72	60	71	61	65	61	63	60	79	59	73	60	68	61	64	60
3	95	71	58	69	59	65	60	64	61	76	57	71	59	67	60	64	60
4	96	69	55	68	57	64	59	63	60	75	53	72	56	67	58	64	59
5	97	66	57	66	57	62	58	62	59	70	55	66	57	64	58	62	58
6	98	61	56	60	56	61	57	61	58	61	54	61	55	60	56	61	57
7	99	58	53	59	54	58	56	59	56	58	51	59	53	58	55	59	56
8	100	65	56	63	55	60	56	59	57	73	55	66	55	62	56	60	56
9	101	66	59	65	59	62	58	61	58	70	58	65	58	63	58	61	58
10	102	68	61	67	61	63	60	62	59	71	61	67	61	65	61	62	59
11	103	75	64	73	63	66	62	65	61	81	64	74	63	70	62	66	61
12	104	73	60	71	61	66	62	65	62	76	60	72	61	69	62	66	62
13	105	65	61	65	61	64	61	64	61	67	60	66	60	65	61	64	61
14	106	66	62	65	62	63	61	63	61	66	61	64	61	64	61	63	60
15	107	74	64	72	63	66	62	65	62	78	62	72	63	67	62	65	61
16	108	73	65	70	65	67	64	66	63	75	64	70	64	68	64	66	63
17	109	75	67	73	66	68	64	67	64	79	67	73	66	70	65	67	64
18	110	72	62	71	63	68	64	68	64	75	62	72	63	70	64	68	64
19	111	64	59	64	59	66	61	65	62	64	57	65	59	65	61	65	61
20	112	70	61	70	60	65	62	64	62	74	60	69	60	66	61	64	62
21	113	73	64	72	63	67	63	66	63	78	64	72	63	69	63	66	62
22	114	70	64	70	64	67	64	66	64	71	63	69	64	68	64	66	64
23	115	72	63	70	64	69	65	68	64	74	62	71	63	70	64	68	64
24	116	73	63	71	64	68	64	66	64	77	62	73	63	70	64	67	64
25	117	74	65	73	65	68	65	67	64	76	64	73	64	70	65	67	64
26	118	72	66	71	66	68	66	67	65	73	66	71	66	70	66	68	65
27	119	78	68	76	68	71	67	69	66	82	67	78	67	74	67	70	66
28	120	78	65	76	66	72	67	70	67	80	63	76	65	74	67	70	67
29	121	75	66	73	66	70	67	69	67	77	64	73	66	71	66	69	66
30	122	71	63	70	64	69	65	68	65	72	61	70	63	69	64	68	65
Sums		2109	1847	2072	1851	1971	1859	1944	1857	2203	1815	2091	1836	2017	1854	1953	1847
Averages		70.3	61.6	69.1	61.7	65.7	62.0	64.8	61.9	73.4	60.5	69.7	61.2	67.2	61.8	65.1	61.6

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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	27		2
2	94	0	27		2
3	95	0	26		1
4	96	12	13		0
5	97	8	17		0
6	98	13	12		0
7	99	15	10		0
8	100	5	20		0
9	101	0	29		4
10	102	0	29		4
11	103	0	39		14
12	104	0	26		1
13	105	9	16		0
14	106	2	23		0
15	107	0	30		5
16	108	0	31		6
17	109	0	34		9
18	110	0	31		6
19	111	12	13		0
20	112	3	22		0
21	113	0	29		4
22	114	0	32		7
23	115	0	28		3
24	116	0	25		0
25	117	0	29		4
26	118	0	32		7
27	119	0	33		8
28	120	0	25		0
29	121	0	25		0
30	122	2	23		0
Sums for month		81	756		87
6583	Accumulated heating degree days since July 1				
1607	Accumulated growing degree days since Jan. 1				
126	Accumulated cooling degree days since Apr. 1				