

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 2004**

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	59	53	56	100	58	79	43	269	192	42	0	94	49
2	94	75	54	64	93	38	65	190	635	152	0	0	95	270
3	95	62	53	57	98	80	89	39	663	140	8	0	57	86
4	96	69	44	56	95	45	70	147	401	317	0	0	114	262
5	97	68	47	57	95	36	65	153	517	241	0	0	42	223
6	98	66	53	59	88	54	71	128	589	264	0	0	0	155
7	99	69	55	62	97	63	80	99	652	204	0	0	0	188
8	100	82	59	70	94	45	69	236	548	215	0	0	0	224
9	101	87	66	76	81	42	61	385	281	220	0	0	0	296
10	102	89	57	73	100	51	75	199	695	175	31	0	0	365
11	103	60	48	54	93	57	75	82	716	106	2	0	0	122
12	104	65	42	53	92	34	63	174	396	213	0	0	0	263
13	105	72	44	58	82	21	51	277	619	178	0	0	0	225
14	106	77	62	69	87	55	71	197	605	228	6	0	0	211
15	107	87	64	75	89	40	64	281	581	229	8	0	0	269
16	108	81	58	69	94	52	73	177	181	168	0	0	0	248
17	109	80	59	69	99	47	73	205	354	282	30	0	0	267
18	110	73	62	67	100	89	94	25	525	193	52	0	0	0
19	111	79	62	70	99	70	84	98	659	147	0	0	0	235
20	112	65	47	56	97	49	73	130	587	159	12	0	0	350
21	113	69	52	60	67	34	50	263	357	197	0	0	0	277
22	114	76	56	66	93	32	62	281	700	120	T	0	0	235
23	115	77	57	67	94	56	75	117	579	152	0	0	0	85
24	116	76	53	64	95	38	66	202	247	183	0	0	0	278
25	117	84	52	68	96	39	67	233	506	196	13	0	0	358
26	118	58	50	54	99	63	81	56	507	236	9	0	0	66
27	119	68	51	59	91	42	66	181	216	154	4	0	0	244
28	120	72	53	62	84	39	61	242	504	216	0	0	0	241
29	121	66	55	60	97	65	81	85	533	257	2	0	0	41
30	122	76	56	66	92	41	66	232	602	212	0	0	0	232
Sums		2187	1624	1896	2781	1475	2120	5157	15224	5946	219	0	402	6365
Average		72.9	54.1	63.2	92.7	49.2	70.7	.172	507.5	198.2	.07	.0	13.4	.212

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		Soil Temperature F															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	93	71	56	68	57	63	59	62	60	71	56	67	57	64	59	62	59
2	94	74	50	72	52	66	57	64	59	75	51	72	54	69	57	65	58
3	95	82	54	78	56	68	58	65	59	83	55	77	57	72	57	66	58
4	96	71	57	69	58	65	60	63	61	71	57	68	58	66	60	64	60
5	97	82	58	77	59	68	60	65	61	82	59	76	60	70	60	66	61
6	98	89	63	83	62	72	62	69	62	89	64	82	63	76	62	70	62
7	99	93	68	88	67	76	66	71	66	94	68	87	67	80	67	73	66
8	100	92	63	87	65	77	69	73	68	92	64	87	66	81	68	74	68
9	101	70	54	69	55	69	61	69	63	70	54	69	56	69	59	70	62
10	102	79	51	76	54	69	60	66	62	80	52	76	56	71	59	67	61
11	103	86	58	81	59	71	61	67	61	86	59	80	59	74	60	68	61
12	104	80	61	75	62	68	64	67	64	80	61	74	63	70	63	68	64
13	105	91	64	85	65	73	64	70	64	91	64	84	65	76	64	71	64
14	106	90	63	85	64	75	68	71	67	90	64	84	65	79	68	73	67
15	107	94	67	88	67	76	68	73	67	94	68	88	67	80	68	74	68
16	108	76	68	74	68	71	69	71	68	76	68	74	69	72	69	71	68
17	109	84	64	80	65	73	67	71	68	84	64	80	65	75	67	71	68
18	110	75	52	73	54	69	61	68	63	76	52	73	56	71	59	69	62
19	111	81	54	77	57	69	61	66	63	81	55	77	58	72	60	68	62
20	112	88	63	82	61	72	62	69	63	88	63	82	61	76	62	71	63
21	113	79	59	76	61	69	65	68	66	80	60	76	62	72	64	69	65
22	114	90	60	85	62	74	65	70	65	91	61	84	63	78	64	72	65
23	115	91	62	86	64	75	67	72	67	92	62	85	64	80	67	73	67
24	116	70	57	68	59	68	63	68	64	70	57	69	59	68	62	69	64
25	117	75	55	73	57	68	62	66	63	76	55	72	58	70	60	67	63
26	118	79	57	76	58	69	62	67	63	80	57	75	59	71	61	67	62
27	119	68	57	67	57	65	61	65	62	68	56	68	58	66	60	65	62
28	120	83	60	80	61	69	61	67	62	84	60	79	61	72	61	67	62
29	121	86	62	81	63	72	64	68	64	87	62	81	64	75	64	70	64
30	122	91	63	86	64	75	66	71	66	92	63	86	66	79	67	73	66
Sums		2460	1780	2345	1813	2114	1893	2042	1911	2473	1791	2332	1836	2194	1878	2073	1902
Averages		82.0	59.3	78.2	60.4	70.5	63.1	68.1	63.7	82.4	59.7	77.7	61.2	73.1	62.6	69.1	63.4

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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	1	24		0
3	95	8	17		0
4	96	9	16		0
5	97	8	17		0
6	98	6	19		0
7	99	3	22		0
8	100	0	30		5
9	101	0	36		11
10	102	0	33		8
11	103	11	14		0
12	104	12	13		0
13	105	7	18		0
14	106	0	29		4
15	107	0	35		10
16	108	0	29		4
17	109	0	29		4
18	110	0	27		2
19	111	0	30		5
20	112	9	16		0
21	113	5	20		0
22	114	0	26		1
23	115	0	27		2
24	116	1	24		0
25	117	0	28		3
26	118	11	14		0
27	119	6	19		0
28	120	3	22		0
29	121	5	20		0
30	122	0	26		1
Sums for month		114	696		60
6761	Accumulated heating degree days since July 1				
1573	Accumulated growing degree days since Jan. 1				
100	Accumulated cooling degree days since Apr. 1				