

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 1999

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	89	65	77	77	28	52	457	441	206	T	0	54	216
2	94	73	65	69	94	66	80	102	165	151	13	0	42	51
3	95	85	62	73	94	49	71	208	394	257	22	0	93	245
4	96	65	50	57	88	55	71	91	272	194	T	0	127	130
5	97	57	45	51	81	19	50	246	657	155	0	0	34	115
6	98	80	57	68	74	30	52	357	542	224	0	0	100	127
7	99	90	68	79	77	47	62	417	572	241	0	0	79	380
8	100	90	73	81	88	49	68	360	476	217	12	0	84	302
9	101	84	63	73	85	38	61	328	554	178	0	0	121	346
10	102	77	56	66	96	54	75	156	524	233	0	0	54	235
11	103	83	60	71	87	52	69	220	615	190	0	0	124	376
12	104	82	58	70	80	50	65	290	647	126	0	0	107	398
13	105	86	60	73	83	12	47	495	682	73	0	0	92	451
14	106	87	60	73	90	42	66	311	624	156	0	0	130	379
15	107	76	56	66	94	58	76	118	257	178	30	0	96	162
16	108	63	44	53	86	47	66	150	579	203	0	0	109	266
17	109	66	46	56	82	34	58	195	589	212	0	0	39	223
18	110	61	48	54	93	48	70	83	187	128	29	0	47	63
19	111	70	48	59	91	35	63	188	607	131	0	0	67	268
20	112	76	48	62	83	29	56	280	567	207	0	0	37	222
21	113	78	49	63	84	32	58	307	486	222	0	0	39	211
22	114	80	53	66	89	31	60	287	644	150	0	0	44	275
23	115	84	56	70	86	26	56	338	645	114	0	0	32	272
24	116	88	63	75	67	23	45	502	638	139	0	0	80	442
25	117	89	62	75	92	27	59	511	445	222	5	0	79	269
26	118	79	61	70	96	55	75	131	346	157	45	0	61	144
27	119	86	62	74	88	31	59	380	656	104	0	0	40	333
28	120	95	61	78	97	36	66	216	432	231	73	0	83	380
29	121	85	70	77	96	57	76	140	340	235	T	0	54	151
30	122	75	52	63	95	61	78	138	268	126	26	0	99	185
Sums		2379	1721	2042	2613	1221	1910	8002	14851	5360	255	0	2247	7617
Average		79.3	57.4	68.1	87.1	40.7	63.7	.267	495.0	178.7	.09	.0	74.9	.254

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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	76	64	72	63	67	62	65	62	80	64	75	64	71	64	66	63
2	94	68	63	68	63	65	62	65	62	69	63	69	64	68	63	66	62
3	95	75	63	72	63	67	63	66	62	78	63	74	63	71	64	67	62
4	96	68	54	67	56	65	58	59	65	69	53	67	55	67	57	66	58
5	97	75	54	71	55	65	58	64	58	77	54	73	55	69	57	65	58
6	98	72	60	69	59	64	60	64	60	78	59	71	59	67	59	65	60
7	99	80	64	75	62	68	62	67	62	83	64	77	63	73	63	62	73
8	100	81	67	77	67	71	65	68	64	86	68	80	68	75	67	70	65
9	101	80	65	77	65	71	65	69	65	84	64	79	65	75	66	71	65
10	102	80	63	76	64	70	65	68	65	84	64	80	65	75	66	71	65
11	103	81	65	77	66	71	66	69	65	87	66	81	66	76	66	71	66
12	104	83	65	78	65	73	67	70	66	88	65	82	66	77	68	72	67
13	105	85	65	80	65	74	67	71	66	89	66	84	67	79	68	73	67
14	106	83	67	79	67	73	68	70	67	89	68	82	69	78	69	72	68
15	107	75	61	74	62	72	64	70	64	78	60	75	62	74	63	71	64
16	108	72	56	71	58	68	61	67	62	74	54	71	57	70	59	68	61
17	109	77	59	74	60	68	61	65	62	80	58	74	58	70	60	67	62
18	110	66	55	66	57	65	59	65	60	66	53	66	56	65	58	65	59
19	111	74	56	72	58	65	59	64	60	76	55	72	57	68	58	65	59
20	112	77	60	73	60	66	60	66	61	80	60	74	59	70	60	66	61
21	113	77	61	73	62	69	63	67	62	80	61	74	62	72	63	68	63
22	114	82	62	77	63	70	63	68	63	88	62	82	63	75	63	69	63
23	115	84	64	80	65	73	65	70	65	89	64	84	65	77	66	72	65
24	116	85	66	79	66	73	67	70	66	91	67	84	67	78	68	72	67
25	117	83	68	78	67	74	68	71	67	86	68	82	69	79	69	73	68
26	118	78	63	74	64	72	66	70	66	80	63	76	64	74	66	71	66
27	119	84	65	81	66	73	66	71	66	87	65	82	66	78	66	73	66
28	120	82	70	78	69	73	68	71	68	86	70	82	69	77	68	72	68
29	121	82	70	79	70	74	70	72	68	84	70	81	71	78	70	73	69
30	122	75	61	73	62	72	65	72	66	75	58	74	61	74	63	72	65
Sums		2340	1876	2240	1889	2091	1913	2034	1915	2441	1869	2307	1895	2200	1917	2074	1925
Averages		78.0	62.5	74.7	63.0	69.7	63.8	67.8	63.8	81.4	62.3	76.9	63.2	73.3	63.9	69.1	64.2

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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	37		12
2	94	0	29		4
3	95	0	33		8
4	96	8	17		0
5	97	14	11		0
6	98	0	28		3
7	99	0	39		14
8	100	0	41		16
9	101	0	33		8
10	102	0	26		1
11	103	0	31		6
12	104	0	30		5
13	105	0	33		8
14	106	0	33		8
15	107	0	26		1
16	108	12	13		0
17	109	9	16		0
18	110	11	14		0
19	111	6	19		0
20	112	3	22		0
21	113	2	23		0
22	114	0	26		1
23	115	0	30		5
24	116	0	35		10
25	117	0	35		10
26	118	0	30		5
27	119	0	34		9
28	120	0	38		13
29	121	0	37		12
30	122	2	23		0
Sums for month		67	842		159

6522 Accumulated heating degree days since July 1
 1653 Accumulated growing degree days since Jan. 1
 715 Accumulated cooling degree days since Apr. 1