

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 1997

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	70	56	63	100	78	89	15	303	247	67	0	67	75
2	94	63	55	59	100	100	100	0	125	116	91	0	169	169
3	95	65	49	57	100	81	90	12	214	184	3	0	55	78
4	96	70	47	58	100	46	73	103	600	189	0	0	47	211
5	97	73	48	60	100	40	70	133	666	76	0	0	46	260
6	98	77	50	63	100	35	67	170	589	198	0	0	27	205
7	99	77	56	66	100	49	74	97	509	183	12	0	67	318
8	100	66	53	59	100	71	85	30	265	224	0	0	44	90
9	101	75	53	64	100	51	75	106	623	174	0	0	45	42
10	102	80	59	69	97	39	68	233	647	109	0	0	61	286
11	103	84	61	72	86	37	61	326	655	124	0	0	92	358
12	104	83	65	74	76	39	57	382	602	181	0	0	82	331
13	105	80	58	69	100	47	73	102	393	240	T	0	50	175
14	106	77	54	65	100	65	82	65	464	258	20	0	84	200
15	107	66	49	57	99	44	71	121	687	94	0	0	92	212
16	108	76	53	64	98	37	67	179	682	106	0	0	56	341
17	109	82	62	72	100	58	79	132	457	240	40	0	166	341
18	110	76	61	68	100	71	85	29	444	258	2	0	52	176
19	111	68	60	64	100	99	99	0	190	173	10	0	77	181
20	112	73	59	66	100	74	87	26	377	269	13	0	63	65
21	113	82	61	71	100	64	82	42	332	249	36	0	64	300
22	114	88	61	74	100	53	76	145	495	244	0	0	77	423
23	115	80	64	72	100	40	70	192	645	110	2	0	112	340
24	116	78	60	69	100	50	75	168	613	94	14	0	92	389
25	117	82	61	71	100	74	87	42	466	248	35	0	49	298
26	118	89	69	79	100	59	79	142	478	268	24	0	89	225
27	119	78	58	68	100	57	78	82	379	191	T	0	73	183
28	120	79	55	67	100	47	73	127	682	73	0	0	48	340
29	121	84	62	73	100	38	69	211	676	66	0	0	50	300
30	122	86	63	74	100	38	69	232	641	128	0	0	72	267
Sums		2307	1722	2007	2956	1681	2310	3644	14899	5314	369	0	2168	7179
Average		76.9	57.4	66.9	98.5	56.0	77.0	.121	496.6	177.1	.12	.0	72.3	.239

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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	76	57	70	56	63	55	61	55	76	58	70	57	67	56	65	55
2	94	65	56	64	56	61	56	61	56	67	56	68	57	67	57	65	56
3	95	64	52	62	53	61	55	62	55	68	53	68	54	67	55	65	55
4	96	76	54	70	54	64	55	62	55	77	54	72	55	67	56	65	55
5	97	78	55	73	56	65	57	63	57	80	56	74	57	69	57	66	57
6	98	79	57	74	59	66	58	63	59	82	58	76	58	71	60	69	59
7	99	80	60	74	60	67	61	64	60	83	61	77	60	72	61	70	61
8	100	69	57	67	57	64	59	63	59	70	56	70	58	70	59	68	59
9	101	81	58	75	59	68	59	65	59	82	58	76	59	71	59	68	59
10	102	87	61	80	62	70	61	66	61	88	62	80	62	75	62	70	61
11	103	87	62	81	63	71	63	68	63	88	63	81	64	76	64	70	64
12	104	86	64	79	65	72	65	68	64	87	65	80	65	76	65	70	65
13	105	82	63	76	64	70	65	67	64	83	63	77	64	74	66	69	65
14	106	80	60	75	62	70	64	67	64	81	59	76	61	73	63	69	63
15	107	81	58	76	60	70	62	67	63	83	56	77	59	73	61	68	63
16	108	84	61	78	62	71	62	67	62	87	60	80	60	75	61	70	62
17	109	80	64	74	64	69	64	66	64	81	64	75	64	72	64	68	64
18	110	81	64	76	64	70	64	67	64	82	65	77	65	73	65	69	65
19	111	71	63	69	63	67	64	66	64	72	63	70	63	68	64	66	64
20	112	76	63	73	63	68	63	66	63	77	63	73	64	70	63	67	63
21	113	79	65	75	64	69	64	67	64	80	65	75	64	72	64	68	64
22	114	85	69	80	69	73	66	70	66	87	69	80	68	76	68	71	65
23	115	85	63	81	65	74	67	71	67	88	64	81	65	78	67	73	68
24	116	88	66	82	66	74	67	71	66	90	66	82	67	78	67	73	66
25	117	84	65	79	66	73	68	70	67	85	66	80	67	76	67	72	67
26	118	85	70	81	70	75	69	72	68	89	71	82	71	79	70	74	68
27	119	82	62	78	64	73	66	71	67	82	62	78	64	75	65	72	67
28	120	85	65	80	66	74	66	71	67	90	64	83	65	79	65	73	67
29	121	86	66	80	67	75	68	72	67	93	67	86	68	81	67	75	68
30	122	87	67	81	68	75	69	72	68	92	68	86	69	81	69	75	69
Sums		2409	1847	2263	1867	2082	1882	2006	1878	2470	1855	2310	1874	2201	1887	2083	1884
Averages		80.3	61.6	75.4	62.2	69.4	62.7	66.9	62.6	82.3	61.8	77.0	62.5	73.4	62.9	69.4	62.8

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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	2	23		0
2	94	6	19		0
3	95	8	17		0
4	96	7	18		0
5	97	5	20		0
6	98	2	23		0
7	99	0	26		1
8	100	6	19		0
9	101	1	24		0
10	102	0	29		4
11	103	0	32		7
12	104	0	34		9
13	105	0	29		4
14	106	0	25		0
15	107	8	17		0
16	108	1	24		0
17	109	0	32		7
18	110	0	28		3
19	111	1	24		0
20	112	0	26		1
21	113	0	31		6
22	114	0	34		9
23	115	0	32		7
24	116	0	29		4
25	117	0	31		6
26	118	0	39		14
27	119	0	28		3
28	120	0	27		2
29	121	0	33		8
30	122	0	34		9
Sums for month		47	807		104

7071 Accumulated heating degree days since July 1
 1351 Accumulated growing degree days since Jan. 1
 104 Accumulated cooling degree days since Apr. 1