

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 July 1996

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	123	86	68	77	100	80	90	93	501	258	0	0	71	206
2	124	80	60	70	98	58	78	161	673	76	0	0	79	349
3	125	82	59	70	100	56	78	161	487	206	21	0	40	135
4	126	62	55	58	100	98	99	5	124	115	40	0	112	65
5	127	72	57	64	100	65	82	107	278	210	0	0	145	186
6	128	78	57	67	95	51	73	185	623	141	0	0	66	264
7	129	81	61	71	100	60	80	151	494	238	0	0	63	140
8	130	84	66	75	100	59	79	173	451	306	0	0	58	328
9	131	79	57	68	100	55	77	150	626	132	0	0	63	278
10	132	75	54	64	100	76	88	71	567	184	0	0	106	369
11	133	75	54	64	98	69	83	95	481	164	0	0	94	207
12	134	76	58	67	98	54	76	159	611	89	0	0	46	135
13	135	81	62	71	100	62	81	149	447	249	0	0	102	247
14	136	82	64	73	100	86	93	57	435	292	0	0	47	179
15	137	83	63	73	100	66	83	138	348	226	T	0	28	131
16	138	76	63	69	100	88	94	44	261	192	113	0	58	225
17	139	82	67	74	99	58	78	184	602	149	0	0	93	280
18	140	83	61	72	100	66	83	133	536	148	0	0	53	242
19	141	84	67	75	100	63	81	161	383	175	81	0	58	205
20	142	77	54	65	100	86	93	44	282	187	55	0	150	179
21	143	76	55	65	96	64	80	128	664	120	2	0	171	325
22	144	74	54	64	100	59	79	119	629	173	0	0	88	277
23	145	81	58	69	100	54	77	168	624	79	0	0	34	245
24	146	79	57	68	100	70	85	102	533	162	1	0	45	176
25	147	82	62	72	100	62	81	149	337	187	T	0	46	158
26	148	81	59	70	100	74	87	95	426	244	8	0	46	171
27	149	75	60	67	100	82	91	75	447	201	0	0	72	199
28	150	71	53	62	100	71	85	78	408	216	T	0	80	155
29	151	75	52	63	100	64	82	107	607	99	0	0	34	257
30	152	76	55	65	100	83	91	51	499	230	6	0	137	235
31	153	75	64	69	100	88	94	44	479	231	7	0	150	217
Sums		2423	1836	2121	3084	2127	2601	3537	14863	5679	334	0	2435	6765
Average		78.2	59.2	68.4	99.5	68.6	83.9	.114	479.5	183.2	.11	.0	78.5	.218

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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	123	85	67	81	69	76	69	73	68	86	67	82	69	78	69	74	68
2	124	88	63	83	66	78	68	74	69	93	65	87	66	82	69	76	69
3	125	90	66	85	68	78	69	74	69	94	65	87	66	82	70	76	69
4	126	69	60	69	62	70	64	71	65	69	60	69	60	70	62	71	64
5	127	69	56	67	58	66	62	66	63	68	55	67	58	67	60	66	62
6	128	81	60	76	61	71	61	68	62	85	59	79	60	74	61	70	62
7	129	83	65	78	64	72	65	70	65	86	65	80	64	75	63	71	64
8	130	85	67	81	68	75	67	72	67	88	68	83	68	78	68	74	67
9	131	91	64	86	66	78	69	74	69	94	64	88	67	82	68	76	68
10	132	87	61	82	63	76	67	73	68	89	61	84	64	80	66	75	68
11	133	80	58	77	61	73	65	71	66	82	59	77	61	74	64	72	66
12	134	91	63	84	64	76	65	73	66	93	63	85	64	79	65	74	66
13	135	86	67	81	67	75	67	73	68	89	67	82	67	78	68	74	68
14	136	86	67	82	68	76	69	73	68	88	67	83	69	80	69	75	69
15	137	87	68	82	69	77	70	74	70	89	68	84	70	80	71	75	69
16	138	79	64	76	65	73	68	72	68	79	63	76	65	74	66	72	66
17	139	83	66	80	67	75	68	73	68	88	66	83	68	78	68	74	68
18	140	90	67	86	68	77	69	74	69	94	67	88	69	82	69	76	69
19	141	89	69	83	69	77	70	74	70	91	69	85	70	80	69	76	70
20	142	78	58	76	60	73	64	72	67	78	56	76	60	74	63	72	64
21	143	78	58	75	59	71	64	70	65	82	58	77	60	74	63	70	64
22	144	85	61	80	63	74	64	71	65	88	61	82	63	77	63	72	64
23	145	92	65	86	65	78	66	74	67	95	64	88	66	82	66	76	66
24	146	91	64	85	65	77	68	74	70	93	64	87	66	81	68	76	69
25	147	87	67	82	68	76	68	73	69	89	67	83	69	78	68	74	68
26	148	86	64	81	66	75	68	73	69	88	64	82	67	78	68	74	69
27	149	86	66	82	66	76	68	73	69	87	65	82	66	78	69	74	68
28	150	81	59	78	62	74	66	72	67	82	58	78	62	75	64	73	66
29	151	90	62	85	63	77	66	74	66	92	62	86	64	80	64	75	65
30	152	87	65	81	65	75	66	73	68	88	65	82	65	78	66	74	67
31	153	85	66	81	67	75	68	73	69	87	65	82	66	78	68	74	68
Sums		2625	1973	2491	2012	2320	2068	2244	2089	2694	1967	2534	2019	2406	2055	2281	2070
Averages		84.7	63.6	80.4	64.9	74.8	66.7	72.4	67.4	86.9	63.5	81.7	65.1	77.6	66.3	73.6	66.8

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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	123	0	37		12
2	124	0	30		5
3	125	0	30		5
4	126	7	18		0
5	127	1	24		0
6	128	0	27		2
7	129	0	31		6
8	130	0	35		10
9	131	0	28		3
10	132	1	24		0
11	133	1	24		0
12	134	0	27		2
13	135	0	31		6
14	136	0	33		8
15	137	0	33		8
16	138	0	29		4
17	139	0	34		9
18	140	0	32		7
19	141	0	35		10
20	142	0	25		0
21	143	0	25		0
22	144	1	24		0
23	145	0	29		4
24	146	0	28		3
25	147	0	32		7
26	148	0	30		5
27	149	0	27		2
28	150	3	22		0
29	151	2	23		0
30	152	0	25		0
31	153	0	29		4
Sums for month		16	881		122

16 Accumulated heating degree days since July 1
 2294 Accumulated growing degree days since Jan. 1
 248 Accumulated cooling degree days since Apr. 1