

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 August 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	154	85	61	73	100	40	70	224	584	108	0	0	72	334
2	155	81	64	72	94	46	70	214	340	226	0	0	60	306
3	156	83	69	76	100	60	80	147	380	231	0	0	88	235
4	157	76	60	68	100	74	87	40	421	261	0	0	70	348
5	158	75	53	64	100	63	81	37	353	211	14	0	35	99
6	159	72	49	60	100	52	76	76	565	151	0	0	85	240
7	160	72	52	62	100	48	74	108	526	153	0	0	68	234
8	161	80	56	68	100	33	66	231	586	89	0	0	55	272
9	162	83	55	69	100	43	71	153	561	121	0	0	32	165
10	163	87	61	74	100	38	69	211	551	116	0	0	38	336
11	164	89	67	78	100	39	69	265	481	245	0	0	45	264
12	165	80	58	69	100	73	86	23	196	158	26	0	63	166
13	166	77	59	68	100	66	83	61	407	250	14	0	58	290
14	167	76	56	66	100	82	91	10	348	257	26	0	98	79
15	168	74	54	64	100	34	67	103	575	87	0	0	55	257
16	169	74	60	67	100	63	81	53	221	180	20	0	100	68
17	170	87	66	76	100	69	84	91	377	156	3	0	69	392
18	171	69	56	62	100	82	91	1	213	149	10	0	50	147
19	172	69	49	59	100	51	75	80	525	109	0	0	77	226
20	173	73	50	61	100	43	71	91	545	100	0	0	39	229
21	174	72	53	62	100	62	81	33	267	153	29	0	104	96
22	175	76	56	66	100	66	83	19	352	234	4	0	68	37
23	176	71	55	63	100	66	83	24	269	190	13	0	84	183
24	177	67	54	60	100	74	87	15	296	209	T	0	86	173
25	178	74	56	65	100	53	76	78	405	275	2	0	31	118
26	179	70	54	62	100	68	84	30	286	250	0	0	33	101
27	180	75	54	64	100	73	86	21	331	219	2	0	34	200
28	181	79	58	68	100	74	87	30	187	247	1	0	45	13
29	182	78	60	69	100	61	80	44	434	194	0	0	77	178
30	183	72	58	65	100	76	88	24	402	189	0	0	86	218
31	184	75	57	66	100	66	83	42	323	170	0	0	36	63
Sums		2371	1770	2066	3094	1838	2460	2579	12307	5688	164	0	1941	6067
Average		76.5	57.1	66.6	99.8	59.3	79.4	.083	397.0	183.5	.05	.0	62.6	.196

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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	154	94	67	86	68	78	69	74	68	97	67	88	69	82	69	76	70
2	155	86	68	80	69	75	69	73	70	87	68	81	69	78	70	74	70
3	156	86	70	81	70	75	69	73	69	88	71	83	70	79	70	74	70
4	157	86	67	81	68	76	69	73	70	87	68	82	69	79	69	80	70
5	158	84	62	79	63	74	67	73	68	86	60	80	63	76	66	74	68
6	159	85	60	80	63	74	67	72	67	88	60	81	63	77	66	73	67
7	160	85	62	79	64	73	66	71	66	87	60	81	63	76	65	72	67
8	161	91	66	84	66	76	66	72	66	94	65	86	64	80	65	74	67
9	162	94	67	86	68	77	69	74	68	97	67	88	68	82	69	76	69
10	163	94	68	87	70	79	70	75	70	98	68	90	70	83	71	77	71
11	164	92	72	86	72	79	72	75	72	96	73	89	72	83	72	77	72
12	165	83	63	80	66	75	68	74	69	85	64	81	66	78	68	75	69
13	166	84	68	79	67	74	69	72	68	88	67	81	66	77	68	73	69
14	167	81	61	78	63	74	68	72	68	81	61	78	64	75	66	73	68
15	168	86	62	81	65	74	66	72	67	89	62	82	64	78	66	73	68
16	169	75	65	72	65	70	66	69	66	77	66	73	65	71	67	69	67
17	170	85	70	80	70	75	68	72	68	87	70	81	69	77	68	73	68
18	171	77	62	74	64	72	66	71	66	79	61	76	63	73	66	71	67
19	172	82	58	78	60	72	65	71	66	85	57	79	61	75	63	72	66
20	173	85	61	80	62	73	64	70	65	89	60	82	62	76	64	72	65
21	174	78	60	74	61	70	64	68	64	79	59	74	61	71	62	69	64
22	175	76	60	73	62	69	64	68	64	77	60	74	62	70	62	68	64
23	176	73	60	70	61	68	63	67	64	74	59	70	61	68	63	67	64
24	177	71	57	69	59	67	62	66	63	71	56	68	59	67	61	66	63
25	178	78	61	75	62	69	62	68	64	82	60	76	60	72	61	68	63
26	179	74	60	72	61	69	64	68	64	76	59	73	61	71	63	68	64
27	180	80	64	75	63	70	64	68	65	82	63	76	62	72	63	69	64
28	181	77	62	74	63	70	65	69	65	80	62	76	64	73	65	69	66
29	182	86	65	80	65	72	65	70	66	88	65	80	65	76	66	71	66
30	183	83	63	78	65	72	67	70	66	85	63	79	65	75	66	71	67
31	184	82	64	77	64	72	66	70	66	84	63	79	65	75	66	71	66
Sums		2573	1975	2428	2009	2263	2059	2200	2068	2643	1964	2467	2005	2345	2046	2235	2079
Averages		83.0	63.7	78.3	64.8	73.0	66.4	71.0	66.7	85.3	63.4	79.6	64.7	75.6	66.0	72.1	67.1

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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	154	0	33		8
2	155	0	32		7
3	156	0	36		11
4	157	0	28		3
5	158	1	24		0
6	159	5	20		0
7	160	3	22		0
8	161	0	28		3
9	162	0	29		4
10	163	0	34		9
11	164	0	38		13
12	165	0	29		4
13	166	0	28		3
14	167	0	26		1
15	168	1	24		0
16	169	0	27		2
17	170	0	36		11
18	171	3	22		0
19	172	6	19		0
20	173	4	21		0
21	174	3	22		0
22	175	0	26		1
23	176	2	23		0
24	177	5	20		0
25	178	0	25		0
26	179	3	22		0
27	180	1	24		0
28	181	0	28		3
29	182	0	29		4
30	183	0	25		0
31	184	0	26		1
Sums for month		37	826		88

65 Accumulated heating degree days since July 1
 3063 Accumulated growing degree days since Jan. 1
 331 Accumulated cooling degree days since Apr. 1