

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 1998

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi. Wind	Pan
Day	Day	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	71	53	62	88	36	62	186	610	88	0	0	80	222
2	155	76	52	64	92	35	63	215	585	98	0	0	32	304
3	156	81	57	69	89	31	60	262	526	123	0	0	36	170
4	157	82	62	72	89	29	59	291	549	144	0	0	18	237
5	158	84	65	74	90	35	62	293	446	225	T	0	25	187
6	159	82	68	75	96	48	72	201	280	233	4	0	22	165
7	160	82	68	75	92	50	71	259	281	233	0	0	45	190
8	161	82	66	74	80	46	63	329	294	230	0	0	66	202
9	162	86	66	76	86	45	65	303	525	184	0	0	83	286
10	163	89	69	79	88	47	67	329	505	177	0	0	71	264
11	164	83	67	75	97	61	79	100	216	171	140	0	46	195
12	165	80	62	71	96	57	76	139	424	179	0	0	95	197
13	166	73	50	61	96	45	70	154	523	163	0	0	64	229
14	167	76	55	65	94	42	68	179	568	151	0	0	26	179
15	168	82	62	72	91	54	72	199	427	266	0	0	85	266
16	169	83	63	73	95	44	69	241	464	210	10	0	47	128
17	170	83	62	72	94	56	75	188	480	172	T	0	31	226
18	171	81	67	74	96	66	81	168	289	216	18	0	54	144
19	172	68	47	57	97	60	78	58	126	89	34	0	65	97
20	173	65	47	56	92	42	67	137	550	120	0	0	67	184
21	174	74	51	62	87	38	62	254	515	133	0	0	40	172
22	175	78	59	68	97	63	80	122	376	199	1	0	43	189
23	176	80	63	71	96	50	73	153	446	193	0	0	33	165
24	177	83	64	73	97	49	73	280	346	236	12	0	58	229
25	178	85	63	74	96	56	76	171	386	176	41	0	81	235
26	179	79	63	71	95	62	78	145	202	165	1	0	60	111
27	180	80	59	69	95	50	72	159	485	136	2	0	64	223
28	181	81	55	68	95	42	68	176	509	82	0	0	36	207
29	182	84	58	71	94	40	67	242	469	66	1	0	39	182
30	183	77	64	70	94	64	79	192	332	178	5	0	72	140
31	184	78	57	67	93	32	62	228	456	85	0	0	51	200
Sums		2468	1864	2160	2877	1475	2169	6353	13190	5121	269	0	1635	6125
Average		79.6	60.1	69.7	92.8	47.6	70.0	.205	425.5	165.2	.09	.0	52.7	.198

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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	73	61	72	62	72	65	71	66	86	59	78	61	76	63	73	65
2	155	73	62	73	63	72	65	70	65	88	60	81	64	75	65	71	66
3	156	76	64	73	65	72	67	71	67	88	63	80	65	76	66	72	67
4	157	77	66	75	67	72	67	71	67	91	66	83	66	78	67	74	68
5	158	77	69	74	68	72	68	72	68	89	69	82	69	78	69	74	68
6	159	75	70	75	70	73	69	72	69	85	70	80	70	77	71	74	70
7	160	76	68	75	68	74	69	72	69	86	69	80	69	76	70	73	69
8	161	74	67	74	68	72	68	72	68	82	67	78	68	76	69	73	68
9	162	78	68	75	68	74	69	72	69	92	68	82	70	78	70	74	69
10	163	80	70	78	70	74	70	74	70	94	70	85	70	80	70	76	70
11	164	78	70	77	70	74	71	74	70	86	68	80	69	77	70	75	70
12	165	77	68	75	68	74	70	73	70	85	65	80	68	78	69	75	70
13	166	75	62	74	63	73	66	72	67	84	57	79	61	75	64	74	66
14	167	76	65	74	66	72	67	71	67	87	63	81	64	75	66	72	67
15	168	76	68	75	67	72	67	71	68	87	68	79	67	74	67	72	67
16	169	79	69	77	69	74	69	73	69	88	67	81	69	77	69	75	69
17	170	81	70	79	70	75	70	74	70	91	70	83	70	80	70	75	70
18	171	78	70	77	70	74	70	74	70	83	69	78	70	78	70	74	70
19	172	71	59	72	61	72	64	72	65	70	55	73	58	73	62	72	64
20	173	71	58	69	60	70	63	69	64	79	53	76	58	73	60	71	63
21	174	74	62	72	62	69	64	69	65	84	59	76	60	72	62	70	64
22	175	74	65	73	65	71	66	70	66	82	63	77	65	75	66	72	66
23	176	78	67	76	66	72	67	71	67	89	66	82	66	78	67	73	67
24	177	78	67	75	68	73	69	72	68	88	67	80	68	77	69	74	68
25	178	78	68	76	68	74	68	72	68	85	66	79	68	78	68	73	68
26	179	75	67	74	67	72	68	72	68	78	65	76	66	76	68	73	68
27	180	78	66	74	66	73	68	72	68	84	63	80	66	77	67	73	68
28	181	78	64	74	66	73	68	72	68	88	62	81	65	78	67	74	68
29	182	78	67	76	67	73	68	72	68	91	65	83	66	78	67	74	68
30	183	76	66	74	67	73	68	72	68	80	64	77	66	75	68	74	68
31	184	75	64	75	66	73	67	71	68	89	63	81	65	77	67	73	67
Sums		2363	2047	2312	2061	2253	2095	2225	2100	2659	1999	2471	2047	2371	2083	2272	2096
Averages		76.2	66.0	74.6	66.5	72.7	67.6	71.8	67.7	85.8	64.5	79.7	66.0	76.5	67.2	73.3	67.6

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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	3	22		0
2	155	1	24		0
3	156	0	29		4
4	157	0	32		7
5	158	0	34		9
6	159	0	35		10
7	160	0	35		10
8	161	0	34		9
9	162	0	36		11
10	163	0	39		14
11	164	0	35		10
12	165	0	31		6
13	166	4	21		0
14	167	0	25		0
15	168	0	32		7
16	169	0	33		8
17	170	0	32		7
18	171	0	34		9
19	172	8	17		0
20	173	9	16		0
21	174	3	22		0
22	175	0	28		3
23	176	0	31		6
24	177	0	33		8
25	178	0	34		9
26	179	0	31		6
27	180	0	29		4
28	181	0	28		3
29	182	0	31		6
30	183	0	30		5
31	184	0	27		2
Sums for month		28	920		173

41 Accumulated heating degree days since July 1

3673 Accumulated growing degree days since Jan. 1

482 Accumulated cooling degree days since Apr. 1