

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 1996

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	78	57	67	100	85	92	55	371	206	79	0	52	245
2	155	74	56	65	100	84	92	49	358	202	18	0	47	172
3	156	76	59	67	100	76	88	82	414	196	T	0	28	119
4	157	79	58	68	100	76	88	82	511	229	0	0	26	210
5	158	82	61	71	100	66	83	133	565	175	0	0	17	214
6	159	85	63	74	100	61	80	168	534	209	0	0	23	101
7	160	86	67	76	100	55	77	197	557	258	0	0	49	334
8	161	87	70	78	100	72	86	134	425	239	0	0	67	266
9	162	76	66	71	100	99	99	106	82	61	214	0	79	209
10	163	76	59	67	100	73	86	102	549	119	0	0	89	169
11	164	71	51	61	100	70	85	96	534	137	0	0	79	323
12	165	73	51	62	100	63	81	100	492	172	0	0	23	161
13	166	72	57	64	100	85	92	48	277	233	0	0	65	147
14	167	79	58	68	100	76	88	82	431	229	0	0	33	129
15	168	81	61	71	100	63	81	136	526	168	0	0	22	194
16	169	85	61	73	100	70	85	122	440	194	13	0	83	242
17	170	75	60	67	100	78	89	75	355	208	0	0	55	146
18	171	76	61	68	100	82	91	62	421	251	0	0	67	155
19	172	78	57	67	100	66	83	116	482	242	0	0	51	222
20	173	81	60	70	0	0	0	0	0	0	0	0	19	160
21	174	84	67	75	0	0	0	0	0	0	10	0	46	208
22	175	84	58	71	0	0	0	0	0	0	0	0	50	220
23	176	84	62	73	0	0	0	0	0	0	T	0	24	164
24	177	83	65	74	0	0	0	0	0	0	2	0	85	150
25	178	77	59	68	0	0	0	0	0	0	0	0	60	88
26	179	83	61	72	0	0	0	0	0	0	0	0	62	360
27	180	82	62	72	0	0	0	0	0	0	0	0	50	208
28	181	75	61	68	100	88	94	0	308	220	0	0	53	102
29	182	76	56	66	100	80	90	0	326	200	0	0	43	112
30	183	76	55	65	100	66	83	0	457	155	0	0	75	209
31	184	73	53	63	100	64	82	0	531	77	0	0	61	247
Sums		2447	1852	2142	2300	1698	1995	1945	9946	4380	336	0	1583	5986
Average		78.9	59.7	69.1	74.2	54.8	64.4	.063	320.8	141.3	.11	.0	51.1	.193

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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	154	85	62	80	63	74	67	73	68	85	61	80	64	76	66	73	68
2	155	78	60	75	62	72	66	70	67	79	59	75	63	73	64	71	65
3	156	82	64	78	65	73	66	71	66	84	64	79	65	75	64	72	66
4	157	88	65	83	66	77	68	74	68	92	65	85	67	80	67	75	68
5	158	93	67	88	68	80	69	76	69	96	67	90	69	84	69	77	68
6	159	95	69	89	70	81	71	77	71	98	68	91	70	85	72	79	71
7	160	95	70	90	72	82	73	78	72	98	70	92	72	86	73	80	73
8	161	93	72	88	73	81	73	78	73	96	73	90	74	85	74	80	73
9	162	75	68	75	68	76	69	76	71	75	67	76	68	76	69	76	70
10	163	82	62	80	64	76	68	74	69	83	62	80	65	77	66	75	68
11	164	80	58	78	61	74	66	72	67	84	58	80	61	77	64	73	67
12	165	86	62	81	64	75	65	72	67	89	61	83	63	78	64	73	66
13	166	77	62	74	63	72	67	70	67	78	61	75	63	73	65	71	66
14	167	87	65	81	64	75	66	72	67	89	64	82	64	78	66	73	67
15	168	91	66	86	68	78	69	75	68	95	66	88	68	82	68	77	69
16	169	90	65	85	67	78	70	75	70	93	64	87	67	82	69	76	70
17	170	80	64	78	65	74	68	73	69	82	64	78	66	76	67	73	68
18	171	86	63	81	65	75	68	73	69	88	62	82	64	78	67	74	68
19	172	88	64	83	66	77	68	74	68	91	64	84	66	80	68	75	68
20	173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	180	89	69	85	71	78	71	76	71	92	69	87	70	82	71	77	71
28	181	84	67	80	68	76	69	74	70	86	66	81	67	78	68	75	70
29	182	83	63	80	65	76	68	73	70	86	63	81	64	78	68	74	69
30	183	84	63	81	65	76	68	73	69	87	63	82	66	78	67	74	68
31	184	88	62	83	64	77	67	74	68	90	61	84	64	80	66	75	68
Sums		2059	1552	1962	1587	1833	1640	1773	1654	2116	1542	1992	1590	1897	1622	1798	1645
Averages		85.8	64.7	81.8	66.1	76.4	68.3	73.9	68.9	88.2	64.3	83.0	66.3	79.0	67.6	74.9	68.5

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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	27		2
2	155	0	25		0
3	156	0	27		2
4	157	0	28		3
5	158	0	31		6
6	159	0	34		9
7	160	0	36		11
8	161	0	38		13
9	162	0	31		6
10	163	0	27		2
11	164	4	21		0
12	165	3	22		0
13	166	1	24		0
14	167	0	28		3
15	168	0	31		6
16	169	0	33		8
17	170	0	27		2
18	171	0	28		3
19	172	0	27		2
20	173	0	30		5
21	174	0	35		10
22	175	0	31		6
23	176	0	33		8
24	177	0	34		9
25	178	0	28		3
26	179	0	32		7
27	180	0	32		7
28	181	0	28		3
29	182	0	26		1
30	183	0	25		0
31	184	2	23		0
Sums for month		10	902		137

26 Accumulated heating degree days since July 1  
 3196 Accumulated growing degree days since Jan. 1  
 385 Accumulated cooling degree days since Apr. 1