

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 2001

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	84	59	71	96	36	66	230	578	464	0	0	16	281
2	155	88	64	76	86	32	59	427	586	494	0	0	24	306
3	156	91	72	81	96	35	65	357	374	335	40	0	25	260
4	157	83	64	73	100	66	83	94	271	248	20	0	24	210
5	158	82	59	70	95	44	69	193	453	429	0	0	34	237
6	159	88	62	75	89	22	55	362	596	568	0	0	6	242
7	160	92	66	79	78	26	52	634	575	561	0	0	53	369
8	161	91	72	81	87	56	71	336	421	336	0	0	82	274
9	162	95	71	83	79	25	52	619	543	107	0	0	43	366
10	163	97	74	85	86	34	60	500	452	197	0	0	32	297
11	164	85	62	73	87	34	60	333	471	143	0	0	81	334
12	165	84	62	73	95	31	63	274	524	100	0	0	25	300
13	166	80	63	71	94	57	75	184	323	239	5	0	19	145
14	167	83	62	72	94	36	65	217	419	254	0	0	26	236
15	168	77	52	64	92	36	64	230	494	161	0	0	39	272
16	169	83	58	70	83	30	56	342	555	65	0	0	30	276
17	170	84	65	74	98	42	70	176	298	227	24	0	79	310
18	171	77	62	69	95	54	74	197	262	153	T	0	53	149
19	172	80	62	71	92	48	70	204	403	245	0	0	28	218
20	173	81	62	71	100	51	75	89	229	159	60	0	40	117
21	174	79	62	70	96	47	71	198	433	265	0	0	30	207
22	175	77	61	69	90	46	68	213	360	290	0	0	60	198
23	176	81	57	69	96	36	66	225	489	125	0	0	18	218
24	177	76	59	67	98	68	83	112	306	238	0	0	28	121
25	178	75	47	61	96	33	64	170	540	63	0	0	61	263
26	179	82	57	69	87	38	62	265	521	79	0	0	50	212
27	180	85	65	75	98	57	77	164	382	210	35	0	94	228
28	181	85	57	71	97	51	74	147	410	189	0	0	24	162
29	182	75	59	67	100	67	83	85	204	172	51	0	43	151
30	183	73	53	63	94	44	69	146	454	143	0	0	33	173
31	184	83	55	69	95	40	67	219	483	81	0	0	52	210
Sums		2576	1905	2232	2869	1322	2088	7942	13409	7340	235	0	1252	7342
Average		83.1	61.5	72.0	92.5	42.6	67.4	.256	432.5	236.8	.08	.0	40.4	.237

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 2001

		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	68	88	69	80	70	77	70	96	68	90	69	84	70	78	71
2	155	96	69	90	70	82	72	79	72	99	70	93	70	86	72	80	72
3	156	92	73	88	72	82	74	78	74	95	74	90	74	85	75	80	75
4	157	85	68	82	70	78	72	77	72	87	68	84	70	81	72	78	73
5	158	85	64	82	66	78	70	76	71	88	64	84	67	81	70	77	71
6	159	96	66	90	67	82	70	78	71	98	67	92	67	87	69	80	71
7	160	97	70	92	70	83	73	80	73	100	71	95	71	88	73	82	73
8	161	95	74	89	75	83	76	80	76	98	75	92	76	87	77	81	76
9	162	100	75	94	75	86	76	82	76	103	76	97	76	90	77	84	76
10	163	100	77	93	77	86	78	83	78	103	78	97	78	90	79	84	78
11	164	95	70	91	72	85	75	82	76	98	70	94	72	90	75	83	76
12	165	95	70	90	72	83	75	81	75	98	71	93	72	87	74	82	75
13	166	90	70	85	72	80	75	78	75	91	70	86	72	83	74	79	75
14	167	92	69	86	71	81	73	78	74	94	69	88	71	84	73	79	74
15	168	90	64	86	67	80	72	78	73	93	64	88	67	83	70	80	73
16	169	93	66	87	67	81	71	78	72	97	66	90	67	85	70	79	72
17	170	87	69	82	70	78	72	76	73	89	69	85	70	81	72	78	73
18	171	78	66	76	67	74	70	74	70	80	66	77	67	76	69	76	70
19	172	88	67	83	68	76	70	75	70	90	67	86	67	81	69	76	70
20	173	82	66	79	67	75	69	74	70	83	65	80	67	77	68	75	70
21	174	81	66	78	67	74	69	73	70	83	66	79	67	76	68	74	69
22	175	81	64	78	65	74	69	73	69	83	64	80	66	77	68	74	69
23	176	89	65	84	66	77	68	75	69	92	65	86	66	81	68	77	69
24	177	83	66	80	67	75	70	73	70	84	66	81	67	78	69	75	70
25	178	89	60	84	63	78	68	76	69	91	59	86	62	81	66	76	69
26	179	90	61	84	63	77	67	75	68	92	61	86	63	81	66	76	68
27	180	87	68	83	69	78	70	76	71	89	68	86	69	82	70	76	71
28	181	83	63	80	65	75	69	74	70	84	62	82	65	79	68	74	69
29	182	77	62	75	64	72	67	71	68	78	62	75	64	74	66	72	67
30	183	78	58	76	60	72	65	71	67	82	58	79	60	74	64	71	66
31	184	86	60	81	61	74	64	72	66	88	59	83	61	78	64	73	66
Sums		2754	2074	2616	2114	2439	2199	2373	2218	2826	2078	2684	2120	2547	2185	2409	2217
Averages		88.8	66.9	84.4	68.2	78.7	70.9	76.5	71.5	91.2	67.0	86.6	68.4	82.2	70.5	77.7	71.5

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

2001

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	154	0	31		6
2	155	0	36		11
3	156	0	41		16
4	157	0	33		8
5	158	0	30		5
6	159	0	35		10
7	160	0	39		14
8	161	0	41		16
9	162	0	43		18
10	163	0	45		20
11	164	0	33		8
12	165	0	33		8
13	166	0	31		6
14	167	0	32		7
15	168	1	24		0
16	169	0	30		5
17	170	0	34		9
18	171	0	29		4
19	172	0	31		6
20	173	0	31		6
21	174	0	30		5
22	175	0	29		4
23	176	0	29		4
24	177	0	27		2
25	178	4	21		0
26	179	0	29		4
27	180	0	35		10
28	181	0	31		6
29	182	0	27		2
30	183	2	23		0
31	184	0	29		4
Sums for month		7	992		224
38	Accumulated heating degree days since July 1				
3441	Accumulated growing degree days since Jan. 1				
493	Accumulated cooling degree days since Apr. 1				