

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 **September 2003**

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	185	71	52	61	96	41	68	152	156	143	11	0	10	143
2	186	63	55	59	100	82	91	24	223	198	120	0	8	193
3	187	68	55	61	98	80	89	53	195	176	2	0	29	199
4	188	73	60	66	100	81	90	43	359	275	4	0	51	57
5	189	74	57	65	98	53	75	128	262	221	2	0	49	162
6	190	64	48	56	99	71	85	44	487	388	9	0	41	106
7	191	73	50	61	96	49	72	137	451	399	0	0	21	163
8	192	79	56	67	95	53	74	142	520	497	0	0	22	134
9	193	69	49	59	97	51	74	132	506	69	0	0	36	204
10	194	73	51	62	98	48	73	123	474	111	0	0	24	173
11	195	75	51	63	89	46	67	168	447	124	0	0	21	158
12	196	78	51	64	100	50	75	144	454	124	0	0	1	113
13	197	75	58	66	88	43	65	238	224	190	0	0	60	241
14	198	72	61	66	98	77	87	58	341	163	5	0	36	67
15	199	81	65	73	95	56	75	170	381	163	0	0	83	171
16	200	78	54	66	98	66	82	81	464	86	56	0	62	10
17	201	73	50	61	95	44	69	165	468	55	0	0	31	203
18	202	75	51	63	98	40	69	146	335	178	0	0	6	160
19	203	73	52	62	89	56	72	177	73	53	0	0	54	170
20	204	78	50	64	96	66	81	106	412	128	10	0	69	131
21	205	69	47	58	94	48	71	118	392	86	0	0	49	79
22	206	68	51	59	99	48	73	117	151	141	0	0	10	123
23	207	69	59	64	99	75	87	78	327	118	30	0	128	51
24	208	66	51	58	90	50	70	120	393	84	9	0	56	194
25	209	70	52	61	87	41	64	222	272	96	0	0	91	200
26	210	66	43	54	97	44	70	99	413	87	2	0	75	122
27	211	68	44	56	88	43	65	159	173	138	0	0	45	141
28	212	76	51	63	98	62	80	89	292	124	118	0	88	164
29	213	67	46	56	97	47	72	69	253	160	2	0	45	100
30	214	59	42	50	94	60	77	75	372	111	T	0	22	112
Sums		2143	1562	1844	2866	1671	2262	3577	10270	4886	380	0	1323	4244
Average		71.4	52.1	61.5	95.5	55.7	75.4	.119	342.3	162.9	.13	.0	44.1	.141

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 **September 2003**

		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	185	83	60	80	60	73	64	71	66	85	60	80	60	76	62	72	65
2	186	71	61	70	62	69	65	69	66	72	61	70	62	69	64	68	65
3	187	73	61	71	62	68	64	68	65	73	61	70	62	70	64	68	65
4	188	73	62	71	63	68	65	68	66	74	62	71	63	70	64	68	65
5	189	78	61	75	62	71	65	69	66	79	61	75	63	73	64	69	66
6	190	70	55	69	57	67	61	67	63	71	55	70	57	68	60	68	63
7	191	78	56	75	58	69	61	68	63	80	56	75	58	72	60	68	62
8	192	82	60	78	59	71	62	69	64	83	60	78	60	74	61	70	63
9	193	81	57	79	59	72	64	71	66	83	57	79	60	76	63	71	65
10	194	82	59	79	61	72	64	70	65	84	60	79	61	75	63	71	65
11	195	83	59	80	60	73	65	70	66	85	58	80	61	76	63	71	65
12	196	85	62	81	61	73	65	71	66	86	61	81	62	76	64	71	65
13	197	83	63	78	64	73	66	71	67	84	63	80	64	75	66	72	67
14	198	75	65	73	65	70	67	69	67	75	65	73	66	72	67	70	67
15	199	81	65	78	66	73	68	71	68	81	65	79	66	75	67	72	68
16	200	83	59	80	61	74	65	71	67	84	58	81	61	77	63	72	66
17	201	77	56	74	58	71	63	70	65	77	56	75	59	72	62	70	64
18	202	81	57	77	59	71	63	69	64	82	57	78	60	78	62	70	64
19	203	77	60	74	60	69	63	68	65	79	60	75	60	71	62	68	64
20	204	68	59	67	61	67	64	66	65	69	59	68	61	67	63	66	64
21	205	75	53	73	55	68	60	67	62	76	53	73	55	70	59	67	61
22	206	76	56	73	56	67	60	66	62	77	55	73	56	69	59	66	61
23	207	68	60	66	60	65	61	65	62	68	60	67	60	66	61	66	62
24	208	69	53	68	55	66	60	66	61	69	53	68	55	67	58	67	60
25	209	73	56	70	56	65	59	64	61	74	55	71	56	68	58	65	60
26	210	70	49	68	52	64	57	64	59	71	50	69	52	66	56	64	59
27	211	73	53	70	53	65	57	64	59	74	52	70	53	67	56	64	58
28	212	73	56	70	58	66	61	65	62	73	56	71	58	68	60	65	61
29	213	70	52	68	53	64	58	64	60	70	51	67	54	66	56	64	59
30	214	63	47	62	48	61	53	61	55	63	46	62	48	61	51	60	54
Sums		2274	1732	2197	1764	2065	1870	2032	1913	2301	1726	2208	1773	2130	1838	2043	1893
Averages		75.8	57.7	73.2	58.8	68.8	62.3	67.7	63.8	76.7	57.5	73.6	59.1	71.0	61.3	68.1	63.1

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 **September 2003**

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	185	4	21		0
2	186	6	19		0
3	187	4	21		0
4	188	0	26		1
5	189	0	25		0
6	190	9	16		0
7	191	4	21		0
8	192	0	27		2
9	193	6	19		0
10	194	3	22		0
11	195	2	23		0
12	196	1	24		0
13	197	0	26		1
14	198	0	26		1
15	199	0	33		8
16	200	0	26		1
17	201	4	21		0
18	202	2	23		0
19	203	3	22		0
20	204	1	24		0
21	205	7	18		0
22	206	6	19		0
23	207	1	24		0
24	208	7	18		0
25	209	4	21		0
26	210	11	14		0
27	211	9	16		0
28	212	2	23		0
29	213	9	16		0
30	214	15	10		0
Sums for month		120	644		14

134 Accumulated heating degree days since July 1
3917 Accumulated growing degree days since Jan. 1
417 Accumulated cooling degree days since Apr. 1