

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 2002

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Total	Diff				
1	185	83	60	71	89	38	63	277	530	69	0	0	60	171
2	186	77	60	68	87	35	61	210	527	120	0	0	101	265
3	187	81	61	71	85	46	65	225	476	125	0	0	67	217
4	188	91	63	77	93	42	67	264	389	151	0	0	58	195
5	189	79	61	70	81	79	80	237	399	131	0	0	67	228
6	190	70	48	59	94	49	71	140	388	155	0	0	73	172
7	191	79	50	64	87	24	55	245	516	70	0	0	20	222
8	192	87	59	73	68	23	45	433	515	51	0	0	34	317
9	193	91	57	74	91	26	58	366	506	52	0	0	23	202
10	194	92	58	75	91	28	59	374	487	77	0	0	22	221
11	195	90	56	73	94	30	62	387	441	130	7	0	87	288
12	196	68	47	57	81	42	61	195	433	142	2	0	147	153
13	197	71	48	59	64	39	51	271	485	72	0	0	49	280
14	198	81	56	68	75	30	52	367	482	80	0	0	61	260
15	199	77	60	68	92	38	65	209	151	123	16	0	63	123
16	200	75	60	67	98	75	86	51	142	131	74	0	40	157
17	201	72	53	62	97	57	77	90	328	160	3	0	35	162
18	202	77	52	64	96	38	67	177	469	60	0	0	39	213
19	203	77	56	66	85	42	63	253	392	185	0	0	71	210
20	204	83	63	73	85	53	69	232	392	173	0	0	118	228
21	205	86	69	77	87	56	71	258	338	195	0	0	112	221
22	206	79	58	68	97	53	75	106	193	137	4	0	22	98
23	207	79	50	64	94	55	74	140	341	148	5	0	66	180
24	208	69	46	57	93	34	63	138	414	103	0	0	34	178
25	209	74	47	60	89	28	58	225	442	64	0	0	61	207
26	210	69	48	58	91	45	68	149	339	174	0	0	21	88
27	211	68	54	61	98	56	77	116	206	171	18	0	108	128
28	212	61	54	57	98	93	95	16	34	32	152	0	84	174
29	213	63	42	52	96	46	71	78	345	71	T	0	41	28
30	214	70	47	58	93	52	72	125	375	106	0	0	37	130
Sums		2319	1643	1971	2669	1352	2001	6354	11475	3458	281	0	1821	5716
Average		77.3	54.8	65.7	89.0	45.1	66.7	.212	382.5	115.3	.09	.0	60.7	.191

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 2002**

		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	185	92	65	85	66	78	67	75	68	93	65	87	66	82	67	76	68
2	186	89	66	84	68	78	70	75	70	91	66	86	68	81	68	76	70
3	187	91	68	85	68	78	70	75	70	92	68	86	68	81	69	77	70
4	188	93	67	86	69	79	71	76	71	96	67	88	69	82	70	78	71
5	189	68	68	69	69	71	71	72	72	68	68	69	69	71	70	72	71
6	190	84	59	81	62	76	67	74	68	86	58	81	62	78	65	75	68
7	191	90	62	84	64	77	66	74	68	92	61	85	63	80	65	75	67
8	192	92	64	86	66	79	68	76	69	94	64	89	65	83	67	77	68
9	193	96	66	88	67	81	70	77	70	97	66	90	68	84	69	79	70
10	194	96	68	90	69	82	71	78	72	98	68	92	70	86	71	80	71
11	195	95	65	88	68	82	72	78	73	97	64	91	68	86	71	79	73
12	196	78	56	76	60	74	65	74	67	78	55	76	59	76	63	74	67
13	197	84	60	79	61	74	65	72	67	84	59	79	60	77	63	73	66
14	198	87	63	82	64	75	66	73	67	89	63	83	63	78	65	74	67
15	199	76	66	73	66	71	68	71	68	77	66	74	66	72	67	71	67
16	200	76	64	74	65	71	67	70	68	76	64	74	65	72	66	72	67
17	201	75	57	74	59	71	63	70	65	76	56	74	59	73	62	71	64
18	202	78	57	74	60	70	63	69	65	82	57	78	60	74	62	70	64
19	203	77	61	74	61	71	63	69	65	82	61	77	61	72	63	70	64
20	204	83	64	78	64	73	65	72	66	87	64	80	64	76	65	72	66
21	205	85	68	82	68	76	68	73	68	88	68	82	68	79	68	74	68
22	206	78	62	76	64	72	67	72	68	78	62	77	64	74	66	72	67
23	207	82	57	78	60	74	65	72	67	84	56	79	60	76	64	73	66
24	208	81	54	76	57	71	62	70	64	83	53	77	57	73	60	70	63
25	209	82	55	76	58	71	62	69	64	83	54	78	58	73	60	70	63
26	210	78	58	73	59	69	62	68	64	77	56	74	58	71	61	68	63
27	211	72	58	69	60	68	62	66	64	72	58	70	60	68	61	67	63
28	212	62	57	63	58	63	61	64	62	63	57	64	58	64	60	64	61
29	213	70	49	67	52	65	57	64	59	70	48	68	51	66	55	65	58
30	214	70	52	68	53	64	57	63	59	71	51	67	52	65	55	64	58
Sums		2460	1836	2338	1885	2204	1971	2151	2008	2504	1823	2375	1879	2273	1938	2178	1989
Averages		82.0	61.2	77.9	62.8	73.5	65.7	71.7	66.9	83.5	60.8	79.2	62.6	75.8	64.6	72.6	66.3

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 2002

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	185	0	31		6
2	186	0	28		3
3	187	0	31		6
4	188	0	37		12
5	189	0	30		5
6	190	6	19		0
7	191	1	24		0
8	192	0	33		8
9	193	0	34		9
10	194	0	35		10
11	195	0	33		8
12	196	8	17		0
13	197	6	19		0
14	198	0	28		3
15	199	0	28		3
16	200	0	27		2
17	201	3	22		0
18	202	1	24		0
19	203	0	26		1
20	204	0	33		8
21	205	0	37		12
22	206	0	28		3
23	207	1	24		0
24	208	8	17		0
25	209	5	20		0
26	210	7	18		0
27	211	4	21		0
28	212	8	17		0
29	213	13	12		0
30	214	7	18		0
Sums for month		78	771		99
115	Accumulated heating degree days since July 1				
4241	Accumulated growing degree days since Jan. 1				
704	Accumulated cooling degree days since Apr. 1				