

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 2006

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	68	50	59	100	53	76	80	418	208	0	0	44	137
2	186	69	54	61	95	66	80	90	324	206	T	0	49	69
3	187	57	54	55	100	94	97	4	46	44	210	0	79	*
4	188	65	57	61	100	79	89	46	205	190	5	0	64	128
5	189	64	55	59	100	75	87	43	200	164	0	0	55	93
6	190	65	56	60	100	81	90	42	176	156	0	0	14	37
7	191	73	57	65	100	67	83	41	281	194	74	0	48	117
8	192	75	54	64	100	56	78	56	401	180	0	0	47	162
9	193	80	58	69	99	50	74	136	417	142	0	0	58	161
10	194	73	52	62	100	74	87	49	247	162	T	0	73	88
11	195	63	41	52	100	56	78	74	371	213	0	0	49	160
12	196	67	43	55	100	53	76	87	413	157	0	0	99	124
13	197	68	52	60	100	62	81	69	243	182	101	0	82	212
14	198	61	55	58	100	91	95	21	66	63	54	0	120	58
15	199	70	58	64	100	86	93	9	160	140	41	0	50	55
16	200	72	58	65	100	71	85	23	273	186	T	0	61	114
17	201	69	55	62	100	80	90	32	173	158	0	0	62	38
18	202	76	56	66	100	62	81	73	361	141	0	0	12	137
19	203	81	61	71	100	55	77	198	400	110	10	0	96	284
20	204	72	55	63	93	54	73	112	277	144	T	0	100	167
21	205	63	45	54	95	53	74	66	262	181	8	0	100	143
22	206	63	41	52	98	45	71	85	354	113	0	0	72	143
23	207	66	43	54	100	60	80	93	260	190	44	0	108	139
24	208	71	59	65	100	85	92	42	111	101	7	0	68	10
25	209	72	49	60	99	51	75	102	285	139	26	0	127	139
26	210	64	49	56	95	47	71	119	345	120	12	0	94	169
27	211	63	46	54	98	49	73	86	385	94	0	0	74	149
28	212	70	49	59	87	52	69	154	357	94	0	0	138	198
29	213	61	46	53	100	79	89	16	55	52	113	0	127	*
30	214	55	39	47	97	58	77	61	286	136	0	0	39	93
Sums		2036	1547	1785	2956	1944	2441	2109	8152	4360	705	0	2209	3524
Average		67.9	51.6	59.5	98.5	64.8	81.4	.070	271.7	145.3	.23	.0	73.6	.126

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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	185	74	56	71	58	67	62	67	62	74	56	71	58	69	60	68	62
2	186	75	60	72	60	67	62	67	63	76	60	72	60	69	61	68	62
3	187	62	58	62	59	65	61	66	62	63	58	64	58	65	59	66	61
4	188	69	59	67	60	64	61	64	62	68	59	67	60	66	61	65	61
5	189	70	58	67	59	64	61	64	62	69	58	66	59	66	61	65	62
6	190	68	59	67	60	64	61	64	62	69	60	68	60	66	61	65	62
7	191	76	60	73	62	66	62	65	63	75	61	72	62	68	62	66	62
8	192	79	57	75	59	67	63	66	63	79	58	75	60	70	62	67	63
9	193	79	60	75	61	68	63	67	63	80	61	74	61	71	63	68	63
10	194	73	59	71	60	67	63	67	65	75	59	71	61	69	62	68	64
11	195	73	51	70	53	66	60	66	62	73	51	70	54	69	58	66	61
12	196	76	55	72	56	66	59	65	60	75	55	72	56	68	58	66	60
13	197	72	58	68	58	65	61	64	61	70	58	67	58	66	60	65	61
14	198	62	58	61	59	62	60	62	61	62	57	62	58	62	60	62	60
15	199	72	60	68	60	64	60	64	61	71	60	68	60	65	60	64	60
16	200	77	61	72	62	66	62	65	62	76	62	72	63	69	63	66	62
17	201	72	58	69	59	66	62	65	63	71	58	70	60	68	61	66	62
18	202	77	58	73	60	67	62	66	62	78	59	73	60	69	62	66	62
19	203	77	63	73	62	67	63	67	62	77	62	73	62	70	63	67	63
20	204	76	57	72	58	67	62	66	63	76	57	72	59	69	61	67	63
21	205	69	50	66	53	64	58	64	60	69	50	66	53	65	56	64	59
22	206	67	48	65	51	60	56	61	59	67	48	65	51	63	54	61	57
23	207	66	53	64	53	61	56	61	57	66	52	64	52	63	55	61	56
24	208	68	60	66	59	63	59	63	60	68	59	66	59	64	59	63	59
25	209	71	54	68	56	64	60	63	62	70	55	68	57	65	59	64	61
26	210	69	51	67	53	62	58	62	60	69	51	66	53	64	56	62	59
27	211	69	49	66	52	61	57	60	59	69	50	66	52	63	55	60	58
28	212	67	54	64	54	61	55	61	56	68	53	65	54	62	55	61	56
29	213	60	50	59	52	59	56	60	58	60	50	59	52	60	55	60	57
30	214	63	44	61	46	58	52	58	55	62	44	60	46	58	50	58	53
Sums		2128	1678	2044	1714	1928	1797	1920	1830	2125	1681	2044	1718	1981	1772	1935	1811
Averages		70.9	55.9	68.1	57.1	64.3	59.9	64.0	61.0	70.8	56.0	68.1	57.3	66.0	59.1	64.5	60.4

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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	185	6	19		0
2	186	4	21		0
3	187	10	15		0
4	188	4	21		0
5	189	6	19		0
6	190	5	20		0
7	191	0	25		0
8	192	1	24		0
9	193	0	29		4
10	194	3	22		0
11	195	13	12		0
12	196	10	15		0
13	197	5	20		0
14	198	7	18		0
15	199	1	24		0
16	200	0	25		0
17	201	3	22		0
18	202	0	26		1
19	203	0	31		6
20	204	2	23		0
21	205	11	14		0
22	206	13	12		0
23	207	11	14		0
24	208	0	25		0
25	209	5	20		0
26	210	9	16		0
27	211	11	14		0
28	212	6	19		0
29	213	12	13		0
30	214	18	7		0
Sums for month		176	585		11
203	Accumulated heating degree days since July 1				
4082	Accumulated growing degree days since Jan. 1				
505	Accumulated cooling degree days since Apr. 1				