

## 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 2008

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	77	52	64	100	48	74	122	501	382	0	0	79	201
2	186	78	53	65	99	49	74	133	472	401	0	0	23	175
3	187	81	56	68	100	56	78	122	399	379	0	0	32	169
4	188	82	56	69	100	58	79	139	445	462	0	0	42	192
5	189	83	64	73	100	68	84	93	87	85	0	0	40	154
6	190	89	63	76	100	28	64	226	314	306	0	0	65	299
7	191	67	57	62	100	93	96	9	391	120	20	0	144	166
8	192	71	56	63	100	65	82	57	197	157	3	0	27	27
9	193	75	57	66	100	48	74	133	414	115	25	0	29	180
10	194	66	49	57	100	75	87	40	338	136	11	0	108	132
11	195	65	45	55	100	49	74	71	61	61	0	0	10	139
12	196	71	47	59	96	63	79	96	165	155	0	0	80	108
13	197	69	61	65	100	94	97	3	329	169	93	0	9	77
14	198	75	67	71	100	85	92	22	238	163	21	0	153	158
15	199	85	62	73	89	58	73	210	372	152	0	0	69	139
16	200	65	47	56	100	76	88	47	430	69	0	0	90	167
17	201	66	45	55	100	48	74	68	445	137	0	0	50	103
18	202	74	46	60	95	45	70	144	432	227	0	0	61	174
19	203	64	39	51	100	46	73	78	372	300	0	0	74	169
20	204	67	41	54	94	49	71	108	93	78	2	0	51	195
21	205	73	51	62	100	60	80	83	419	384	0	0	52	117
22	206	60	41	50	100	89	94	7	390	390	11	0	43	101
23	207	64	41	52	100	49	74	67	408	390	0	0	52	137
24	208	69	43	56	100	30	65	96	326	320	0	0	25	113
25	209	75	45	60	99	47	73	110	149	146	0	0	37	112
26	210	74	44	59	98	47	72	119	137	134	0	0	39	137
27	211	63	44	53	100	80	90	29	64	64	8	0	39	86
28	212	72	59	65	100	83	91	9	131	130	6	0	25	34
29	213	63	53	58	100	100	100	0	74	72	23	0	80	8
30	214	59	51	55	100	87	93	16	161	155	1	0	57	74
Sums		2142	1535	1832	2970	1873	2415	2457	8754	6239	224	0	1685	4043
Average		71.4	51.2	61.1	99.0	62.4	80.5	.082	291.8	208.0	.07	.0	56.2	.135

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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	83	55	79	58	71	64	68	65	87	57	81	60	75	63	69	65
2	186	89	57	83	60	72	64	68	65	89	59	83	62	77	64	70	65
3	187	91	60	85	62	73	66	70	66	91	61	85	64	78	65	71	67
4	188	92	65	86	65	75	67	72	68	92	66	86	66	79	67	73	68
5	189	93	65	86	67	76	70	73	70	92	67	86	69	80	70	74	70
6	190	93	67	87	69	77	71	74	71	92	68	87	70	81	71	75	71
7	191	73	60	72	62	72	66	72	68	73	61	72	63	72	65	72	67
8	192	82	56	77	58	70	63	69	65	81	57	76	59	73	62	70	65
9	193	85	61	81	62	71	64	69	66	85	62	80	62	74	63	69	65
10	194	71	53	70	56	67	61	67	63	70	54	69	57	68	59	67	62
11	195	77	50	73	52	66	59	64	61	78	51	73	54	69	57	65	60
12	196	78	57	73	56	66	60	65	61	77	57	72	57	69	59	66	61
13	197	68	62	67	62	65	63	65	64	68	62	66	62	65	63	64	63
14	198	78	67	74	66	68	65	67	64	76	67	73	65	70	65	67	64
15	199	85	62	80	64	71	67	69	67	83	64	78	65	74	67	70	67
16	200	73	51	71	54	68	60	68	63	75	52	72	55	70	59	68	62
17	201	76	49	72	52	66	58	64	61	76	50	72	53	68	57	65	60
18	202	81	55	76	56	67	59	65	61	81	56	76	56	70	58	65	61
19	203	80	46	75	50	68	57	66	60	79	47	75	51	71	55	66	59
20	204	78	51	73	53	65	59	63	61	76	52	72	54	68	57	64	60
21	205	79	54	74	56	66	59	64	61	78	56	74	57	69	59	64	60
22	206	63	46	62	50	62	56	63	59	63	47	63	50	63	55	63	58
23	207	77	47	72	51	63	57	62	58	76	48	71	52	66	55	62	58
24	208	79	49	73	52	64	57	62	58	78	50	73	53	67	55	62	58
25	209	80	53	75	55	66	58	63	59	80	54	74	55	69	57	64	59
26	210	80	51	74	54	66	59	64	61	79	52	74	55	69	58	65	61
27	211	70	55	66	56	63	59	63	61	68	55	65	56	64	58	63	60
28	212	74	62	70	61	64	62	63	62	73	61	69	61	66	61	64	61
29	213	66	57	65	58	64	61	63	62	65	57	65	58	64	60	63	61
30	214	67	55	65	57	63	59	63	60	66	56	64	57	63	59	63	60
Sums		2361	1678	2236	1734	2035	1850	1988	1891	2347	1706	2226	1758	2111	1823	2003	1878
Averages		78.7	55.9	74.5	57.8	67.8	61.7	66.3	63.0	78.2	56.9	74.2	58.6	70.4	60.8	66.8	62.6

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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	1	24		0
2	186	0	25		0
3	187	0	28		3
4	188	0	29		4
5	189	0	33		8
6	190	0	36		11
7	191	3	22		0
8	192	2	23		0
9	193	0	26		1
10	194	8	17		0
11	195	10	15		0
12	196	6	19		0
13	197	0	25		0
14	198	0	31		6
15	199	0	33		8
16	200	9	16		0
17	201	10	15		0
18	202	5	20		0
19	203	14	11		0
20	204	11	14		0
21	205	3	22		0
22	206	15	10		0
23	207	13	12		0
24	208	9	16		0
25	209	5	20		0
26	210	6	19		0
27	211	12	13		0
28	212	0	25		0
29	213	7	18		0
30	214	10	15		0
Sums for month		159	632		41

202 Accumulated heating degree days since July 1  
 4022 Accumulated growing degree days since Jan. 1  
 450 Accumulated cooling degree days since Apr. 1