

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 2007

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 Total	Cal/Cm2 Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	185	73	56	64	94	40	67	200	529	202	0	0	86	284
2	186	70	44	57	96	39	67	139	492	282	0	0	73	245
3	187	79	51	65	96	34	65	215	524	278	0	0	44	189
4	188	84	57	70	89	49	69	259	404	262	0	0	102	226
5	189	75	55	65	100	50	75	159	327	207	2	0	60	151
6	190	76	55	65	96	55	75	153	332	310	2	0	33	142
7	191	93	65	79	90	28	59	339	449	391	0	0	85	262
8	192	95	73	84	83	33	58	515	433	396	0	0	115	448
9	193	83	62	72	100	67	83	109	250	232	6	0	53	181
10	194	67	60	63	100	94	97	0	68	65	135	0	52	114
11	195	70	57	63	99	66	82	65	318	305	0	0	61	162
12	196	75	52	63	97	67	82	90	181	172	20	0	115	141
13	197	67	49	58	99	57	78	107	383	371	0	0	100	197
14	198	71	50	60	92	50	71	142	427	409	0	0	65	167
15	199	76	51	63	100	70	85	84	393	375	42	0	161	300
16	200	57	45	51	91	63	77	78	305	296	1	0	109	254
17	201	62	40	51	97	42	69	94	408	381	0	0	92	24
18	202	66	45	55	95	43	69	122	456	49	0	0	3	131
19	203	70	48	59	97	51	74	124	447	67	0	0	74	176
20	204	75	50	62	96	50	73	158	436	55	0	0	67	190
21	205	79	56	67	100	62	81	87	370	123	0	0	37	156
22	206	83	59	71	97	50	73	201	362	158	0	0	78	202
23	207	84	53	68	88	52	70	199	347	143	0	0	88	229
24	208	71	45	58	94	37	65	163	429	38	0	0	69	171
25	209	81	48	64	91	32	61	203	415	47	0	0	58	180
26	210	91	58	74	90	46	68	315	327	152	0	0	74	180
27	211	85	64	74	100	54	77	103	235	153	18	0	51	185
28	212	75	55	65	100	77	88	22	161	123	49	0	61	145
29	213	66	51	58	98	66	82	53	241	183	21	0	100	158
30	214	68	45	56	100	52	76	70	348	238	0	0	57	125
Sums		2267	1599	1924	2865	1576	2216	4568	10797	6463	296	0	2223	5715
Average		75.6	53.3	64.1	95.5	52.5	73.9	.152	359.9	215.4	.10	.0	74.1	.191

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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	89	63	84	65	75	68	73	69	88	63	82	66	78	67	73	69
2	186	88	55	83	58	74	65	72	67	87	55	82	60	77	64	72	67
3	187	90	60	84	62	73	67	71	68	90	60	83	64	77	66	71	67
4	188	87	62	82	64	73	68	72	69	87	63	81	66	77	68	72	69
5	189	85	62	80	64	73	68	72	69	85	63	79	65	76	68	72	69
6	190	84	65	80	66	72	69	71	69	84	65	79	67	75	68	71	69
7	191	93	70	87	69	75	70	74	69	93	70	86	69	79	69	74	70
8	192	97	74	91	73	79	73	76	72	96	75	89	74	83	74	77	73
9	193	90	69	85	70	78	73	76	74	89	69	84	71	81	72	77	73
10	194	70	64	70	65	73	68	74	69	70	64	71	66	73	67	73	69
11	195	78	60	75	62	71	66	70	67	77	61	74	63	72	65	70	67
12	196	73	53	71	56	68	62	68	64	73	54	71	57	69	60	68	63
13	197	71	52	68	54	65	60	65	61	70	52	68	55	66	58	64	61
14	198	76	55	73	57	66	61	66	63	78	56	73	58	69	60	65	62
15	199	80	55	75	58	68	63	67	64	79	56	74	59	70	61	67	64
16	200	67	50	66	53	64	58	65	60	66	51	65	53	64	56	64	59
17	201	73	45	69	48	63	55	61	58	74	46	69	50	65	54	62	57
18	202	76	49	71	51	63	57	62	59	76	49	71	52	66	56	62	58
19	203	79	52	74	54	65	58	63	60	78	52	73	55	68	58	63	59
20	204	81	58	76	58	67	60	64	61	81	58	75	58	70	59	65	60
21	205	84	60	78	62	68	63	66	63	83	61	77	62	72	63	66	63
22	206	85	63	79	64	70	65	68	65	85	64	79	64	73	65	68	65
23	207	85	56	79	59	71	64	69	66	84	57	79	60	74	63	69	65
24	208	81	53	77	55	69	61	67	63	81	53	76	56	72	60	68	63
25	209	84	57	78	59	69	62	67	64	83	58	78	60	72	62	67	63
26	210	86	64	80	63	70	64	69	65	86	64	79	63	74	64	69	65
27	211	84	66	78	66	72	68	70	68	83	66	78	67	75	68	71	68
28	212	77	58	74	59	70	64	69	65	76	58	73	60	71	63	69	64
29	213	70	53	68	55	66	60	66	62	69	53	67	56	67	59	66	61
30	214	73	49	70	52	64	58	63	60	71	50	68	53	66	56	63	59
Sums		2436	1752	2305	1801	2094	1918	2056	1953	2422	1766	2283	1829	2171	1893	2058	1941
Averages		81.2	58.4	76.8	60.0	69.8	63.9	68.5	65.1	80.7	58.9	76.1	61.0	72.4	63.1	68.6	64.7

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	185	1	24	0
2	186	8	17	0
3	187	0	25	0
4	188	0	30	5
5	189	0	25	0
6	190	0	25	0
7	191	0	39	14
8	192	0	44	19
9	193	0	32	7
10	194	2	23	0
11	195	2	23	0
12	196	2	23	0
13	197	7	18	0
14	198	5	20	0
15	199	2	23	0
16	200	14	11	0
17	201	14	11	0
18	202	10	15	0
19	203	6	19	0
20	204	3	22	0
21	205	0	27	2
22	206	0	31	6
23	207	0	28	3
24	208	7	18	0
25	209	1	24	0
26	210	0	34	9
27	211	0	34	9
28	212	0	25	0
29	213	7	18	0
30	214	9	16	0
Sums for month		100	724	74

146 Accumulated heating degree days since July 1
 4160 Accumulated growing degree days since Jan. 1
 576 Accumulated cooling degree days since Apr. 1