

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

August

2005

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	154	83	64	73	98	49	73	193	528	231	0	0	37	251
2	155	87	67	77	98	50	74	274	554	205	0	0	75	261
3	156	88	70	79	92	47	69	245	517	264	0	0	116	270
4	157	89	66	77	94	50	72	267	541	320	0	0	28	261
5	158	93	70	81	94	40	67	455	640	286	4	0	74	286
6	159	93	59	76	90	38	64	284	585	312	0	0	104	0
7	160	82	57	69	99	37	68	189	601	325	0	0	52	0
8	161	87	60	73	92	43	67	256	354	292	0	0	44	0
9	162	88	64	76	98	57	77	149	569	151	89	0	55	0
10	163	89	64	76	95	37	66	278	537	161	0	0	46	318
11	164	90	68	79	97	34	65	317	448	204	0	0	90	307
12	165	84	66	75	90	46	68	217	219	144	0	0	14	245
13	166	85	69	77	100	55	77	104	291	222	38	0	102	114
14	167	84	65	74	97	69	83	109	155	123	T	0	2	131
15	168	72	60	66	98	83	90	53	470	211	T	0	98	82
16	169	80	60	70	100	54	77	147	513	263	0	0	9	199
17	170	81	62	71	86	38	62	235	562	272	0	0	70	258
18	171	78	53	65	100	39	69	163	482	328	0	0	125	257
19	172	80	56	68	87	36	61	250	295	269	0	0	20	211
20	173	78	69	73	96	68	82	143	384	271	27	0	162	230
21	174	83	68	75	100	55	77	106	499	418	29	0	48	185
22	175	82	60	71	94	42	68	207	424	180	3	0	92	291
23	176	73	59	66	90	51	70	146	342	226	0	0	86	187
24	177	71	55	63	96	51	73	112	538	74	0	0	78	132
25	178	75	51	63	97	38	67	149	479	139	0	0	90	244
26	179	79	55	67	97	45	71	157	459	136	0	0	40	166
27	180	86	58	72	92	32	62	247	397	196	0	0	75	150
28	181	80	61	70	98	44	71	214	365	214	10	0	166	100
29	182	84	61	72	99	52	75	128	240	218	0	0	38	119
30	183	82	62	72	100	55	77	108	209	181	25	0	48	143
31	184	77	64	70	100	82	91	38	98	70	236	0	53	242
<b>Sums</b>		<b>2563</b>	<b>1923</b>	<b>2236</b>	<b>2964</b>	<b>1517</b>	<b>2233</b>	<b>5940</b>	<b>13295</b>	<b>6906</b>	<b>461</b>	<b>0</b>	<b>2137</b>	<b>5640</b>
<b>Average</b>		<b>82.7</b>	<b>62.0</b>	<b>72.1</b>	<b>95.6</b>	<b>48.9</b>	<b>72.0</b>	<b>.192</b>	<b>428.9</b>	<b>222.8</b>	<b>.15</b>	<b>.0</b>	<b>68.9</b>	<b>.182</b>

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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	154	98	71	92	72	82	73	79	73	99	72	92	72	86	73	79	73
2	155	97	72	92	74	83	75	80	75	98	73	93	75	87	75	82	75
3	156	100	73	94	74	84	76	81	76	101	74	95	75	89	76	83	76
4	157	98	73	93	74	84	77	81	77	100	74	95	75	88	77	82	77
5	158	100	74	95	76	85	77	82	77	102	75	96	77	90	78	83	78
6	159	100	69	95	71	86	76	82	78	101	70	95	73	89	76	84	77
7	160	99	68	93	71	84	76	81	77	100	69	95	72	88	75	83	77
8	161	101	70	95	72	84	75	81	76	103	71	95	74	89	75	83	76
9	162	96	68	90	69	81	74	79	75	97	68	92	71	85	73	81	75
10	163	95	69	90	71	81	74	79	74	98	70	91	73	86	73	80	74
11	164	99	73	93	74	83	75	80	75	100	74	94	75	88	75	82	76
12	165	98	73	93	74	84	77	81	77	99	74	94	76	88	77	84	77
13	166	88	72	83	73	80	75	79	75	87	73	83	74	80	75	80	75
14	167	89	70	84	71	79	74	77	75	88	70	85	72	81	74	78	74
15	168	77	65	76	66	75	70	75	71	78	65	77	67	76	69	77	71
16	169	92	66	86	68	78	70	76	70	92	67	86	69	81	69	78	70
17	170	94	67	88	69	79	72	76	72	94	67	89	70	83	71	78	72
18	171	94	64	89	66	80	72	77	73	94	65	88	68	84	71	79	73
19	172	92	70	87	69	79	71	77	72	92	69	87	69	82	71	78	72
20	173	79	68	77	69	75	71	75	71	80	69	77	70	77	71	76	71
21	174	92	71	87	70	78	71	76	71	93	71	87	71	82	71	78	71
22	175	86	63	83	66	76	70	75	72	89	64	84	67	81	69	76	72
23	176	82	65	79	66	75	70	74	71	83	65	80	67	76	69	74	70
24	177	80	61	77	63	73	68	72	69	81	61	79	64	75	67	73	69
25	178	87	61	83	63	76	68	73	68	88	61	84	64	78	67	75	68
26	179	88	64	84	66	76	68	73	68	90	64	84	66	80	67	76	68
27	180	89	66	85	67	77	69	75	70	91	66	85	68	79	69	76	69
28	181	84	65	81	67	77	70	75	71	85	65	83	68	78	70	75	71
29	182	86	66	82	67	75	70	74	70	87	66	83	68	78	70	74	70
30	183	83	66	80	68	75	70	74	71	85	66	81	68	77	70	75	71
31	184	80	68	78	69	74	70	73	71	80	68	77	69	76	70	74	70
<b>Sums</b>		<b>2823</b>	<b>2111</b>	<b>2684</b>	<b>2155</b>	<b>2458</b>	<b>2244</b>	<b>2392</b>	<b>2261</b>	<b>2855</b>	<b>2126</b>	<b>2706</b>	<b>2187</b>	<b>2557</b>	<b>2233</b>	<b>2436</b>	<b>2258</b>
<b>Averages</b>		<b>91.1</b>	<b>68.1</b>	<b>86.6</b>	<b>69.5</b>	<b>79.3</b>	<b>72.4</b>	<b>77.2</b>	<b>72.9</b>	<b>92.1</b>	<b>68.6</b>	<b>87.3</b>	<b>70.5</b>	<b>82.5</b>	<b>72.0</b>	<b>78.6</b>	<b>72.8</b>

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August

2005

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	154	0	33		8
2	155	0	37		12
3	156	0	39		14
4	157	0	37		12
5	158	0	41		16
6	159	0	36		11
7	160	0	29		4
8	161	0	33		8
9	162	0	36		11
10	163	0	36		11
11	164	0	39		14
12	165	0	35		10
13	166	0	37		12
14	167	0	34		9
15	168	0	26		1
16	169	0	30		5
17	170	0	31		6
18	171	0	25		0
19	172	0	28		3
20	173	0	33		8
21	174	0	35		10
22	175	0	31		6
23	176	0	26		1
24	177	2	23		0
25	178	2	23		0
26	179	0	27		2
27	180	0	32		7
28	181	0	30		5
29	182	0	32		7
30	183	0	32		7
31	184	0	30		5
<b>Sums for month</b>		<b>4</b>	<b>996</b>		<b>225</b>
		9	Accumulated heating degree days since July 1		
		3577	Accumulated growing degree days since Jan. 1		
		696	Accumulated cooling degree days since Apr. 1		