

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

2011

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	In Evap	
1	154	83	67	75	100	60	80	16	365	215	0	0	62	181
2	155	89	68	78	82	52	67	30	531	153	0	0	98	351
3	156	85	64	74	100	44	72	24	523	148	0	0	72	361
4	157	72	64	68	100	91	95	0	109	106	59	0	52	127
5	158	80	59	69	100	69	84	7	445	227	2	0	57	212
6	159	85	66	75	100	53	76	13	510	186	0	0	55	370
7	160	74	67	70	100	89	94	1	149	139	10	0	49	77
8	161	83	67	75	100	81	90	4	329	236	20	0	47	50
9	162	79	62	70	100	77	88	5	340	148	46	0	55	232
10	163	74	62	68	100	80	90	2	242	148	94	0	65	0
11	164	79	57	68	100	54	77	11	443	140	17	0	89	266
12	165	73	56	64	95	55	75	14	423	194	0	0	92	191
13	166	80	59	69	100	46	73	15	495	133	T	0	49	256
14	167	82	63	72	100	66	83	10	402	226	8	0	89	222
15	168	74	63	68	100	90	95	1	132	128	16	0	37	37
16	169	69	61	65	100	54	77	3	261	240	255	0	96	0
17	170	80	62	71	98	48	73	15	504	284	0	0	75	303
18	171	83	61	72	100	54	77	11	478	242	0	0	47	193
19	172	83	62	72	100	56	78	12	447	246	3	0	44	242
20	173	81	60	70	100	64	82	7	404	199	3	0	33	212
21	174	84	65	74	100	53	76	14	455	105	38	0	44	348
22	175	74	57	65	100	78	89	3	233	147	32	0	76	13
23	176	70	54	62	100	59	79	10	462	126	8	0	103	196
24	177	77	57	67	97	52	74	15	487	84	0	0	51	253
25	178	80	60	70	100	59	79	16	284	183	71	0	124	194
26	179	79	62	70	100	69	84	8	353	181	0	0	76	168
27	180	74	58	66	100	78	89	4	266	210	2	0	25	130
28	181	78	61	69	100	74	87	5	356	212	0	0	69	153
29	182	67	51	59	99	76	87	7	87	59	0	0	150	58
30	183	74	51	62	100	55	77	10	439	152	0	0	49	165
31	184	78	56	67	100	52	76	12	464	97	0	0	52	203
Sums		2423	1882	2144	3071	1988	2523	305	11418	5294	684	0	2082	5764
Average		78.2	60.7	69.2	99.1	64.1	81.4	0.010	368.3	170.8	0.22	0.0	67.2	0.186

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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	83	69	79	70	75	72	74	71	91	71	84	72	80	74	75	73
2	155	90	71	84	72	77	73	77	72	99	70	93	73	85	74	79	73
3	156	92	72	85	73	78	75	77	74	99	72	94	74	86	75	79	75
4	157	79	70	77	71	76	72	76	73	79	68	78	69	77	71	77	72
5	158	85	67	80	68	73	71	73	70	90	64	83	67	78	69	73	71
6	159	87	72	82	71	75	70	75	71	97	71	90	71	83	71	76	72
7	160	77	70	76	70	74	72	75	72	79	68	77	70	76	71	75	72
8	161	84	71	79	72	74	71	74	70	88	69	82	70	77	71	74	71
9	162	81	67	78	68	73	71	73	70	83	65	80	67	76	70	73	71
10	163	76	66	74	68	72	69	72	69	79	64	75	66	73	68	71	69
11	164	79	63	76	65	71	68	71	69	83	58	78	61	74	65	71	68
12	165	74	62	72	64	69	66	69	67	80	58	76	61	72	64	69	66
13	166	81	66	76	67	71	67	71	66	93	63	85	65	77	65	72	67
14	167	80	80	75	75	72	72	72	72	89	66	83	68	78	69	73	69
15	168	75	68	72	69	71	69	71	69	77	66	74	67	72	68	71	69
16	169	73	66	71	67	70	68	70	68	76	66	74	67	72	68	70	68
17	170	79	66	75	67	70	68	70	66	85	62	80	64	75	67	70	68
18	171	81	67	76	68	72	68	72	67	90	65	84	67	77	68	72	68
19	172	81	68	77	69	73	70	73	69	93	66	87	68	80	70	74	70
20	173	82	68	77	69	74	70	74	69	94	64	87	67	80	70	74	71
21	174	82	70	77	70	74	70	74	70	95	69	89	70	81	71	76	70
22	175	76	65	74	67	73	69	74	69	79	60	76	63	74	65	74	68
23	176	74	62	72	64	70	66	70	67	79	57	76	60	72	62	69	66
24	177	74	64	72	65	69	66	69	65	83	61	79	63	73	64	69	66
25	178	72	65	70	66	69	67	69	66	79	64	75	65	72	66	69	67
26	179	74	67	72	68	71	67	70	66	81	64	77	66	73	67	70	67
27	180	73	65	71	66	69	66	69	66	79	61	76	63	72	65	69	67
28	181	75	68	72	68	70	67	70	66	85	66	80	66	74	67	70	67
29	182	68	61	69	63	70	65	70	66	67	55	68	58	69	61	70	64
30	183	71	61	69	62	66	63	67	58	82	61	78	62	71	64	67	66
31	184	73	63	70	63	68	64	68	64	86	61	81	63	74	64	69	65
Sums		2431	2080	2329	2105	2229	2132	2229	2117	2639	1995	2499	2053	2353	2104	2240	2136
Averages		78.4	67.1	75.1	67.9	71.9	68.8	71.9	68.3	85.1	64.4	80.6	66.2	75.9	67.9	72.3	68.9

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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	154	0	35		10
2	155	0	38		13
3	156	0	34		9
4	157	0	28		3
5	158	0	29		4
6	159	0	35		10
7	160	0	30		5
8	161	0	35		10
9	162	0	30		5
10	163	0	28		3
11	164	0	28		3
12	165	1	24		0
13	166	0	29		4
14	167	0	32		7
15	168	0	28		3
16	169	0	25		0
17	170	0	31		6
18	171	0	32		7
19	172	0	32		7
20	173	0	30		5
21	174	0	34		9
22	175	0	25		0
23	176	3	22		0
24	177	0	27		2
25	178	0	30		5
26	179	0	30		5
27	180	0	26		1
28	181	0	29		4
29	182	6	19		0
30	183	3	22		0
31	184	0	27		2
Sums for month		13	904		142

13 Accumulated heating degree days since July 1
 3599 Accumulated growing degree days since Jan. 1
 584 Accumulated cooling degree days since Apr. 1