

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

2010

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	77	60	68	100	57	78	144	527	153	0	0	218	
2	155	80	64	72	100	63	81	82	371	196	0	0	99	
3	156	83	67	75	92	61	76	182	478	189	0	0	264	
4	157	87	68	77	100	62	81	181	453	256	0	0	75	
5	158	88	71	79	0	0	0	0	439	324	0	0	226	
6	159	84	64	74	100	0	50	0	483	273	22	0	291	
7	160	74	53	63	100	45	72	141	547	259	11	0	343	
8	161	74	56	65	96	47	71	151	558	303	1	0	246	
9	162	84	60	72	93	50	71	203	407	262	0	0	140	
10	163	85	67	76	100	0	50	0	330	222	20	0	175	
11	164	84	67	75	100	74	87	73	413	355	1	0	235	
12	165	84	66	75	100	54	77	113	503	365	0	0	212	
13	166	74	63	68	100	85	92	36	187	156	3	0	73	
14	167	81	65	73	100	62	81	118	440	344	0	0	286	
15	168	82	66	74	92	56	74	212	456	423	7	0	322	
16	169	74	67	70	100	0	50	0	173	160	190	0	132	
17	170	81	60	70	100	53	76	172	579	497	0	0	184	
18	171	78	62	70	97	52	74	176	444	423	0	0	367	
19	172	76	62	69	100	72	86	99	313	307	0	0	213	
20	173	82	61	71	100	57	78	104	475	454	15	0	111	
21	174	74	61	67	100	56	78	102	530	500	0	0	0	
22	175	80	53	66	100	72	86	90	199	197	56	0	0	
23	176	67	59	63	100	92	96	7	101	100	85	0	90	
24	177	68	55	61	100	88	94	17	166	162	16	0	129	
25	178	72	57	64	100	72	86	56	343	331	0	0	134	
26	179	75	59	67	100	72	86	50	289	280	17	0	171	
27	180	69	53	61	100	69	84	68	327	310	3	0	211	
28	181	71	52	61	100	53	76	88	509	462	0	0	184	
29	182	80	55	67	100	50	75	116	558	496	0	0	200	
30	183	84	58	71	100	47	73	136	552	497	0	0	201	
31	184	88	62	75	100	54	77	135	493	458	0	0	175	
Sums		2440	1893	2159	2970	1675	2316	3052	12643	9714	447	0	5707	
Average		78.7	61.1	69.6	95.8	54.0	74.7	0.098	407.8	313.4	0.14	0.0	0.184	

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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	90	67	80	67	76	69	73	70	92	67	86	67	80	69	74	70
2	155	92	66	80	68	75	71	73	71	94	67	86	69	79	71	74	72
3	156	93	70	82	70	77	71	75	71	94	71	86	71	80	72	76	71
4	157	94	69	83	71	79	73	76	72	96	71	89	73	83	74	77	73
5	158	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	159	95	*	85	*	80	*	77	*	97	*	91	*	85	*	78	*
7	160	92	60	81	65	78	71	75	73	93	62	87	67	82	71	76	73
8	161	91	57	80	63	76	69	73	70	92	58	86	63	80	67	75	70
9	162	91	60	80	63	75	68	74	70	92	61	84	64	79	68	74	70
10	163	92	*	81	*	76	*	74	*	93	*	85	*	80	*	75	*
11	164	90	67	82	69	76	72	74	71	91	69	84	71	79	72	74	72
12	165	93	67	82	69	79	72	75	72	100	69	91	71	84	72	77	73
13	166	78	68	75	70	76	73	75	73	81	69	78	72	78	73	76	73
14	167	90	65	80	68	76	70	74	71	93	65	85	68	80	70	75	71
15	168	89	66	79	68	77	72	75	72	92	67	85	69	80	71	76	72
16	169	77	*	73	*	75	*	73	*	77	*	75	*	77	*	73	*
17	170	83	61	78	65	73	68	71	68	85	64	81	67	76	70	72	69
18	171	83	61	76	64	73	67	71	68	87	60	81	63	77	66	72	68
19	172	81	64	74	66	73	68	71	69	87	64	80	66	76	68	72	69
20	173	85	64	78	67	75	69	73	70	93	65	86	67	79	69	74	70
21	174	80	60	75	64	74	69	73	70	89	63	84	67	79	70	74	70
22	175	74	60	71	63	71	67	71	69	78	62	75	65	73	67	70	69
23	176	71	66	69	67	70	68	71	69	71	65	71	67	71	68	71	68
24	177	69	63	68	65	68	66	69	67	71	62	70	64	69	66	69	67
25	178	76	60	71	63	69	65	69	66	79	60	74	62	71	64	69	65
26	179	78	64	73	66	70	67	69	67	83	64	77	66	72	67	69	67
27	180	71	58	69	62	69	64	69	65	72	57	70	61	69	63	69	65
28	181	78	57	73	61	68	63	67	63	82	55	76	58	72	61	67	64
29	182	80	57	75	60	70	63	67	64	89	56	81	59	75	62	69	64
30	183	82	59	76	62	72	65	70	66	92	59	85	62	78	65	71	66
31	184	84	61	78	64	74	67	71	68	94	61	87	64	80	68	72	68
Sums		2522	1697	2307	1770	2220	1847	2168	1865	2629	1713	2456	1783	2323	1844	2190	1869
Averages		84.1	62.9	76.9	65.6	74.0	68.4	72.3	69.1	87.6	63.4	81.9	66.0	77.4	68.3	73.0	69.2

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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	28		3
2	155	0	32		7
3	156	0	35		10
4	157	0	37		12
5	158	0	39		14
6	159	0	34		9
7	160	2	23		0
8	161	0	25		0
9	162	0	32		7
10	163	0	36		11
11	164	0	35		10
12	165	0	35		10
13	166	0	28		3
14	167	0	33		8
15	168	0	34		9
16	169	0	30		5
17	170	0	30		5
18	171	0	30		5
19	172	0	29		4
20	173	0	31		6
21	174	0	27		2
22	175	0	26		1
23	176	2	23		0
24	177	4	21		0
25	178	1	24		0
26	179	0	27		2
27	180	4	21		0
28	181	4	21		0
29	182	0	27		2
30	183	0	31		6
31	184	0	35		10
Sums for month		17	919		161

28 Accumulated heating degree days since July 1

3775 Accumulated growing degree days since Jan. 1

605 Accumulated cooling degree days since Apr. 1