

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 2009

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	67	47	57	100	78	89	42	456 414	0	0	0	76	
2	186	71	48	59	100	47	73	91	459 103	0	0	0	169	
3	187	74	49	61	100	48	74	97	480 74	0	0	0	154	
4	188	78	52	65	100	40	70	100	463 69	0	0	0	188	
5	189	76	53	64	100	53	76	103	456 92	0	0	0	317	
6	190	76	51	63	100	56	78	100	408 118	0	0	0	63	
7	191	73	54	63	100	64	82	71	443 98	0	0	0	169	
8	192	75	58	66	100	50	75	99	390 192	0	0	0	127	
9	193	78	58	68	100	74	87	62	339 179	0	0	0	134	
10	194	75	53	64	100	63	81	70	320 220	0	0	0	147	
11	195	70	49	59	100	70	85	70	405 244	1	0	0	218	
12	196	69	52	60	100	47	73	109	320 237	9	0	0	142	
13	197	67	57	62	100	56	78	78	136 122	0	0	0	73	
14	198	72	56	64	100	82	91	43	274 231	0	0	0	69	
15	199	74	59	66	100	74	87	56	365 355	0	0	0	261	
16	200	71	46	58	99	62	80	85	377 328	0	0	0	278	
17	201	67	46	56	100	67	83	52	292 287	0	0	0	144	
18	202	68	53	60	100	62	81	64	339 331	0	0	0	124	
19	203	68	43	55	100	72	86	51	216 210	2	0	0	291	
20	204	64	40	52	94	64	79	90	471 437	3	0	0	76	
21	205	73	44	58	100	45	72	69	448 420	0	0	0	149	
22	206	78	55	66	100	35	67	113	347 334	10	0	0	210	
23	207	75	63	69	100	61	80	117	200 194	T	0	0	38	
24	208	82	58	70	100	83	91	36	204 201	4	0	0	188	
25	209	71	52	61	99	70	84	93	321 317	0	0	0	203	
26	210	62	41	51	96	51	73	115	334 322	0	0	0	233	
27	211	66	48	57	100	52	76	56	253 207	92	0	0	90	
28	212	65	52	58	100	56	78	63	105 103	31	0	0	33	
29	213	67	53	60	100	88	94	7	194 190	12	0	0	156	
30	214	61	43	52	100	57	78	99	122 120	8	0	0	82	
Sums		2133	1533	1824	2988	1827	2401	2301	9937 6749	172	0	0	4602	
Average		71.1	51.1	60.8	99.6	60.9	80.0	.077	331.2 225.0	.06	.0	.0	.153	

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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	78	52	73	55	66	61	66	63	79	53	73	57	69	60	65	63
2	186	85	54	78	57	68	61	67	62	84	56	77	59	71	60	66	62
3	187	89	56	82	59	70	63	68	63	88	57	80	61	73	62	68	64
4	188	90	58	83	61	71	65	69	65	89	59	81	63	75	64	69	65
5	189	90	58	83	61	72	66	70	67	87	59	80	63	75	65	70	67
6	190	89	57	82	60	71	66	70	67	86	58	79	62	74	65	70	67
7	191	89	60	83	63	72	66	70	66	87	62	80	64	75	65	70	66
8	192	89	64	83	65	73	67	71	67	86	65	80	65	75	67	71	67
9	193	89	63	82	65	72	68	71	68	87	64	80	66	75	68	71	68
10	194	86	58	80	61	72	66	71	68	84	59	78	62	74	65	71	67
11	195	85	57	80	61	72	65	70	67	82	59	77	62	73	64	70	66
12	196	82	62	77	62	70	65	69	66	79	61	75	62	72	64	69	66
13	197	71	57	69	60	67	64	67	65	70	58	69	61	68	63	67	65
14	198	78	57	73	59	67	64	66	64	76	59	72	61	69	63	66	64
15	199	84	60	78	62	69	64	68	64	82	61	75	62	71	63	68	64
16	200	84	54	79	57	70	64	68	65	82	55	77	59	72	62	68	65
17	201	78	57	73	59	67	63	66	64	75	58	71	60	68	62	66	64
18	202	83	55	77	58	68	63	66	64	80	56	74	59	70	62	67	64
19	203	75	50	69	54	66	60	65	63	71	51	68	55	67	59	65	62
20	204	81	48	76	51	66	58	64	61	79	49	73	53	68	57	64	60
21	205	81	54	76	56	65	59	64	60	80	55	73	55	68	58	64	60
22	206	82	60	77	60	68	61	66	62	80	59	74	60	70	61	67	62
23	207	77	63	72	64	67	65	66	65	75	64	71	65	68	65	66	65
24	208	80	62	75	63	69	65	67	65	79	63	74	65	70	66	67	65
25	209	81	56	77	59	69	64	68	65	80	57	75	60	71	63	68	65
26	210	79	50	75	53	66	60	66	62	78	51	72	55	68	58	65	61
27	211	73	56	69	56	64	60	64	61	70	55	66	56	64	59	64	60
28	212	66	52	64	54	62	58	61	60	65	53	63	55	62	57	61	59
29	213	67	50	63	53	59	56	60	58	65	51	62	54	60	55	60	57
30	214	62	47	60	50	58	54	59	56	61	48	59	50	58	53	58	55
Sums		2423	1687	2268	1758	2036	1881	2003	1913	2366	1715	2208	1791	2093	1855	2001	1905
Averages		80.8	56.2	75.6	58.6	67.9	62.7	66.8	63.8	78.9	57.2	73.6	59.7	69.8	61.8	66.7	63.5

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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	8	17		0
2	186	6	19		0
3	187	4	21		0
4	188	0	25		0
5	189	1	24		0
6	190	2	23		0
7	191	2	23		0
8	192	0	26		1
9	193	0	28		3
10	194	1	24		0
11	195	6	19		0
12	196	5	20		0
13	197	3	22		0
14	198	1	24		0
15	199	0	26		1
16	200	7	18		0
17	201	9	16		0
18	202	5	20		0
19	203	10	15		0
20	204	13	12		0
21	205	7	18		0
22	206	0	26		1
23	207	0	29		4
24	208	0	30		5
25	209	4	21		0
26	210	14	11		0
27	211	8	17		0
28	212	7	18		0
29	213	5	20		0
30	214	13	12		0
Sums for month		141	624		15

188 Accumulated heating degree days since July 1
3861 Accumulated growing degree days since Jan. 1
309 Accumulated cooling degree days since Apr. 1