

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 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	Thou In Evap	
1	185	89	64	76	100	49	74	208	478	432	0	0	0	243
2	186	90	66	78	98	51	74	179	445	128	0	0	0	239
3	187	89	66	77	100	54	77	151	400	136	0	0	0	195
4	188	89	58	73	100	47	73	182	380	148	6	0	0	325
5	189	65	52	58	100	54	77	122	376	173	3	0	0	186
6	190	65	50	57	95	57	76	113	297	187	0	0	0	142
7	191	72	55	63	95	58	76	140	196	159	0	0	0	63
8	192	80	62	71	98	42	70	319	431	85	23	0	0	278
9	193	65	54	59	100	68	84	87	175	167	5	0	0	132
10	194	60	54	57	100	85	92	32	157	152	6	0	0	73
11	195	68	50	59	100	58	79	71	415	291	T	0	0	305
12	196	70	53	61	100	50	75	108	382	269	10	0	0	51
13	197	66	51	58	100	83	91	19	99	96	9	0	0	139
14	198	68	52	60	100	73	86	25	244	225	38	0	0	86
15	199	66	48	57	99	52	75	95	296	291	4	0	0	68
16	200	61	46	53	100	68	84	57	263	256	0	0	0	84
17	201	64	50	57	100	81	90	15	84	83	46	0	0	16
18	202	58	43	50	100	74	87	20	201	192	3	0	0	8
19	203	72	44	58	100	59	79	52	376	361	4	0	0	153
20	204	66	46	56	100	71	85	30	178	161	0	0	0	53
21	205	64	42	53	100	46	73	77	388	75	0	0	0	126
22	206	76	44	60	100	52	76	119	337	143	0	0	0	272
23	207	74	50	62	100	70	85	92	135	117	16	0	0	71
24	208	73	51	62	100	76	88	50	333	163	0	0	0	21
25	209	88	60	74	90	43	66	295	331	118	0	0	0	296
26	210	65	46	55	85	65	75	133	212	149	0	0	0	137
27	211	64	45	54	100	59	79	67	230	170	2	0	0	69
28	212	65	51	58	100	98	99	1	73	70	57	0	0	33
29	213	78	58	68	100	59	79	99	294	117	0	0	0	166
30	214	67	55	61	100	69	84	71	184	151	42	0	0	180
Sums		2137	1566	1845	2960	1871	2408	3029	8390	5265	274	0	0	4210
Average		71.2	52.2	61.5	98.7	62.4	80.3	0.101	279.7	175.5	0.09	0.0	0.0	0.140

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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	85	67	79	68	75	70	73	70	96	68	88	69	81	71	74	71
2	186	86	66	80	68	76	71	73	71	96	67	89	69	82	71	75	72
3	187	86	67	80	69	77	72	75	73	97	69	89	71	82	73	76	73
4	188	86	67	80	69	78	72	76	73	94	67	87	70	82	73	77	73
5	189	75	61	74	64	74	68	75	69	79	60	76	64	75	67	75	69
6	190	73	57	70	61	69	65	70	65	76	55	72	59	70	63	70	65
7	191	71	57	68	60	67	63	68	65	75	55	71	58	68	61	67	64
8	192	82	62	75	64	71	66	69	66	91	61	83	63	76	65	70	66
9	193	70	61	68	63	69	65	69	66	70	59	69	62	70	64	69	66
10	194	65	59	65	62	66	63	67	64	66	58	65	59	65	62	66	64
11	195	71	57	67	60	65	62	65	62	77	58	72	59	68	61	65	63
12	196	72	55	69	59	67	61	66	62	82	53	76	57	71	60	66	62
13	197	66	59	65	61	65	63	66	63	67	57	66	60	66	62	66	63
14	198	68	55	65	58	63	60	64	61	72	53	67	56	65	58	63	61
15	199	65	56	64	58	63	60	63	61	68	52	66	55	64	58	62	60
16	200	64	53	62	55	62	58	62	59	68	49	64	53	63	56	62	58
17	201	61	53	60	55	60	58	61	59	61	50	60	53	60	56	60	58
18	202	62	53	61	55	61	57	61	58	64	49	62	52	61	55	60	57
19	203	67	50	64	53	60	55	60	57	74	46	67	49	63	52	60	55
20	204	65	56	63	58	62	59	61	59	68	54	65	57	63	59	61	59
21	205	65	51	63	54	61	56	61	57	72	50	68	53	64	56	61	57
22	206	66	50	63	52	60	55	61	57	74	46	68	50	63	53	61	56
23	207	67	58	64	59	63	60	62	60	71	58	67	60	64	60	62	60
24	208	69	56	66	58	63	59	63	60	75	53	70	56	66	58	63	60
25	209	74	63	70	63	66	63	65	61	83	63	77	63	71	63	67	63
26	210	67	59	66	61	66	64	66	64	74	60	71	62	69	64	67	65
27	211	67	55	65	57	64	60	65	61	73	52	68	56	66	59	65	61
28	212	62	54	62	57	62	60	62	61	63	52	62	56	62	59	62	60
29	213	70	58	66	60	64	61	63	60	75	57	70	59	67	61	63	61
30	214	66	58	65	60	63	61	63	62	70	57	67	59	65	60	63	61
Sums		2113	1733	2029	1801	1982	1867	1975	1886	2271	1688	2142	1769	2052	1840	1978	1883
Averages		70.4	57.8	67.6	60.0	66.1	62.2	65.8	62.9	75.7	56.3	71.4	59.0	68.4	61.3	65.9	62.8

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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	0	36		11
2	186	0	38		13
3	187	0	37		12
4	188	0	33		8
5	189	7	18		0
6	190	8	17		0
7	191	2	23		0
8	192	0	31		6
9	193	6	19		0
10	194	8	17		0
11	195	6	19		0
12	196	4	21		0
13	197	7	18		0
14	198	5	20		0
15	199	8	17		0
16	200	12	13		0
17	201	8	17		0
18	202	15	10		0
19	203	7	18		0
20	204	9	16		0
21	205	12	13		0
22	206	5	20		0
23	207	3	22		0
24	208	3	22		0
25	209	0	34		9
26	210	10	15		0
27	211	11	14		0
28	212	7	18		0
29	213	0	28		3
30	214	4	21		0
Sums for month		167	645		62

195 Accumulated heating degree days since July 1

4420 Accumulated growing degree days since Jan. 1

667 Accumulated cooling degree days since Apr. 1