

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 2012

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	91	61	76	88	34	61	4	439	282	0	0	126	411
2	186	82	55	68	99	32	65	2	461	281	0	0	58	269
3	187	83	57	70	97	32	64	3	467	325	0	0	43	225
4	188	79	65	72	99	72	85	1	187	170	0	0	120	74
5	189	82	65	73	100	72	86	1	258	234	32	0	94	169
6	190	80	64	72	100	52	76	1	336	328	0	0	45	169
7	191	85	61	73	100	46	73	1	371	355	0	0	47	179
8	192	82	62	72	100	49	74	2	364	358	0	0	92	244
9	193	82	53	67	100	71	85	0	102	102	0	0	78	235
10	194	68	50	59	98	50	74	1	299	297	0	0	82	17
11	195	66	48	57	87	37	62	2	421	400	0	0	107	199
12	196	75	51	63	92	32	62	2	439	416	0	0	51	165
13	197	81	54	67	94	34	64	3	455	426	0	0	79	223
14	198	84	57	70	98	35	66	2	443	414	0	0	53	211
15	199	84	51	67	100	39	69	1	289	282	43	0	93	321
16	200	65	5	35	100	57	78	1	294	284	5	0	72	163
17	201	71	49	60	100	47	73	1	365	349	0	0	44	72
18	202	76	51	63	100	38	69	2	399	381	12	0	93	147
19	203	72	45	58	100	70	85	0	149	149	70	0	94	71
20	204	58	43	50	100	55	77	1	267	253	0	0	61	100
21	205	70	44	57	93	42	67	2	431	402	0	0	131	79
22	206	72	54	63	100	62	81	1	161	161	1	0	101	218
23	207	66	46	56	100	61	80	1	204	201	15	0	90	193
24	208	61	39	50	100	36	68	1	427	399	0	0	88	38
25	209	62	40	51	88	39	63	1	372	356	0	0	77	152
26	210	72	47	59	98	30	64	2	327	88	5	0	93	153
27	211	68	47	57	100	70	85	1	142	134	4	0	68	43
28	212	65	44	54	100	43	71	1	333	114	0	0	49	110
29	213	53	47	50	100	86	93	0	65	64	10	0	69	56
30	214	63	44	53	100	50	75	1	174	132	0	0	67	67
Sums		2198	1499	1842	2931	1473	2195	42	9441	8137	197	0	2365	4773
Average		73.3	50.0	61.4	97.7	49.1	73.2	0.001	314.7	271.2	0.07	0.0	78.8	0.159

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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	96	64	87	65	82	68	79	70	96	64	94	65	88	67	81	69
2	186	96	65	87	67	84	71	81	72	95	65	93	68	88	70	83	72
3	187	97	67	87	68	84	71	82	72	95	66	94	68	89	70	84	71
4	188	82	69	78	70	76	72	75	72	82	69	80	70	78	71	75	72
5	189	91	68	84	70	78	72	77	72	90	69	88	70	82	72	77	72
6	190	87	67	81	69	80	71	78	72	85	68	85	70	82	71	79	72
7	191	94	67	87	69	80	71	79	72	92	68	91	69	85	71	80	71
8	192	91	68	84	69	80	72	78	72	90	68	88	70	83	71	79	72
9	193	74	58	73	61	73	65	74	67	74	58	74	60	74	63	74	66
10	194	76	53	72	57	70	61	70	63	73	53	72	56	71	59	70	62
11	195	76	51	69	55	70	60	70	63	73	52	75	55	72	58	70	62
12	196	84	54	76	56	74	59	72	62	81	53	82	55	77	58	61	73
13	197	87	59	79	60	75	63	73	65	84	58	85	60	80	62	74	64
14	198	92	62	83	63	79	66	77	67	89	62	88	63	83	65	67	79
15	199	88	54	80	58	76	63	74	66	85	55	83	58	79	61	75	65
16	200	71	53	69	57	68	61	69	63	69	53	70	56	69	59	69	62
17	201	77	55	71	57	71	61	70	63	74	54	76	56	73	59	71	62
18	202	82	57	74	59	71	62	70	63	81	56	80	58	75	60	71	63
19	203	74	52	71	55	69	60	68	62	73	51	72	53	70	57	68	61
20	204	66	48	64	52	64	56	65	59	64	48	64	50	64	54	65	57
21	205	70	50	66	52	65	56	64	58	71	49	50	71	68	54	65	57
22	206	70	58	66	59	66	60	66	61	70	59	70	56	68	60	66	61
23	207	72	48	67	52	65	57	65	59	70	48	68	51	67	54	65	58
24	208	69	47	65	51	64	55	64	58	68	47	68	49	66	53	64	57
25	209	71	47	65	51	64	55	63	57	69	47	68	50	66	53	64	56
26	210	77	48	68	51	64	55	63	57	75	48	71	50	67	53	64	56
27	211	69	50	67	54	65	58	64	60	69	50	68	52	66	56	65	58
28	212	76	51	68	53	66	57	65	59	73	50	72	52	68	56	66	58
29	213	58	50	58	53	59	56	59	57	58	50	58	52	58	54	59	56
30	214	67	48	62	51	61	54	61	56	64	48	63	50	61	53	60	55
Sums		2380	1688	2208	1764	2143	1868	2115	1919	2332	1686	2290	1763	2217	1824	2111	1919
Averages		79.3	56.3	73.6	58.8	71.4	62.3	70.5	64.0	77.7	56.2	76.3	58.8	73.9	60.8	70.4	64.0

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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	28		3
3	187	0	30		5
4	188	0	32		7
5	189	0	33		8
6	190	0	32		7
7	191	0	33		8
8	192	0	32		7
9	193	0	27		2
10	194	6	19		0
11	195	8	17		0
12	196	2	23		0
13	197	0	27		2
14	198	0	30		5
15	199	0	27		2
16	200	30	0		0
17	201	5	20		0
18	202	2	23		0
19	203	7	18		0
20	204	15	10		0
21	205	8	17		0
22	206	2	23		0
23	207	9	16		0
24	208	15	10		0
25	209	14	11		0
26	210	6	19		0
27	211	8	17		0
28	212	11	14		0
29	213	15	10		0
30	214	12	13		0
Sums for month		175	647		67
188	Accumulated heating degree days since July 1				
4532	Accumulated growing degree days since Jan. 1				
699	Accumulated cooling degree days since Apr. 1				