

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 2013

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	82	66	74	94	59	76	15	310	306	0	0	52	341
2	186	81	66	73	93	58	75	18	359	351	20	0	50	69
3	187	84	56	70	92	54	73	16	332	324	16	0	56	227
4	188	68	57	62	81	60	70	17	224	222	0	0	94	142
5	189	77	55	66	88	37	62	25	499	460	0	0	105	266
6	190	67	43	55	91	43	67	17	416	391	0	0	94	176
7	191	69	43	56	88	36	62	16	492	452	0	0	38	187
8	192	67	54	60	94	54	74	13	121	117	15	0	41	42
9	193	64	44	54	93	40	66	12	398	380	0	0	67	164
10	194	73	46	59	90	42	66	22	409	385	1	0	98	185
11	195	90	66	78	92	52	72	28	359	344	11	0	71	163
12	196	92	68	80	89	44	66	29	357	342	10	0	73	245
13	197	76	56	66	91	66	78	12	110	107	15	0	83	83
14	198	56	48	52	92	77	84	5	143	140	10	0	110	128
15	199	49	43	46	92	48	70	10	230	225	0	0	57	168
16	200	67	43	55	91	36	63	11	259	254	7	0	44	6
17	201	56	36	46	87	37	62	17	94	92	18	0	66	40
18	202	62	37	49	92	37	64	18	461	421	0	0	42	138
19	203	70	42	56	87	44	65	25	457	419	0	0	49	131
20	204	75	47	61	94	68	81	9	442	404	0	0	47	178
21	205	80	54	67	84	56	70	11	411	384	0	0	116	189
22	206	70	49	59	94	48	71	10	79	76	57	0	114	62
23	207	55	46	50	88	37	62	13	186	183	0	0	102	119
24	208	56	42	49	94	41	67	11	305	295	0	0	88	95
25	209	63	43	53	94	47	70	12	428	395	0	0	84	109
26	210	68	43	55	96	51	73	9	376	350	0	0	56	126
27	211	69	44	56	96	46	71	13	390	362	0	0	58	136
28	212	69	47	58	88	43	65	18	360	334	5	0	42	168
29	213	71	45	58	94	47	70	16	391	367	0	0	58	128
30	214	72	50	61	91	43	67	19	387	358	0	0	73	147
Sums		2098	1479	1784	2730	1451	2082	467	9785	9240	185	0	2128	4358
Average		69.9	49.3	59.5	91.0	48.4	69.4	0.016	326.2	308.0	0.06	0.0	70.9	0.145

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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	84	72	81	73	79	73	78	73	89	72	89	72	84	73	79	73
2	186	83	72	81	72	80	73	79	72	89	70	90	71	86	73	81	73
3	187	83	69	82	73	80	72	78	72	88	65	88	67	84	70	80	72
4	188	73	62	73	64	72	66	73	67	74	58	75	60	74	63	73	66
5	189	80	61	79	64	77	66	77	67	86	59	88	61	84	63	79	66
6	190	71	56	72	59	73	62	73	64	76	52	79	55	77	59	75	63
7	191	75	58	74	60	73	62	72	64	82	54	84	56	79	59	74	63
8	192	68	62	67	63	67	65	67	65	69	59	69	60	68	63	67	65
9	193	70	57	71	59	71	61	71	63	73	52	77	54	75	58	72	61
10	194	71	57	69	59	68	61	67	62	76	53	78	55	73	58	68	61
11	195	83	65	80	65	76	66	75	66	89	65	90	66	83	66	77	66
12	196	84	70	81	71	78	71	76	71	92	70	92	70	86	71	79	71
13	197	74	62	73	65	72	66	72	67	76	60	75	62	74	64	72	66
14	198	64	57	66	59	67	61	67	62	64	53	65	55	65	58	66	61
15	199	66	55	66	57	67	59	67	61	66	50	68	52	68	55	67	59
16	200	67	55	66	57	65	58	65	60	71	51	70	52	67	55	65	58
17	201	60	50	61	53	62	56	62	58	59	44	59	46	60	51	61	55
18	202	68	51	66	53	65	55	65	57	70	45	70	47	68	51	66	55
19	203	69	54	67	56	66	57	65	58	73	49	74	50	70	54	66	57
20	204	71	56	69	57	68	59	67	60	77	53	78	54	73	57	69	59
21	205	72	59	69	60	68	61	67	62	78	57	79	58	74	60	69	61
22	206	66	56	66	58	65	60	65	61	68	52	68	54	67	57	65	59
23	207	60	54	61	57	62	58	62	59	61	51	62	53	62	55	62	58
24	208	61	50	62	53	62	54	62	56	62	46	65	47	64	51	63	54
25	209	64	51	64	53	64	55	63	56	68	46	70	48	67	51	64	55
26	210	66	52	64	54	63	55	63	57	70	48	71	49	67	52	64	55
27	211	66	53	65	55	65	57	64	58	71	49	72	51	69	54	66	56
28	212	67	54	66	55	65	57	64	58	73	50	74	52	70	55	66	57
29	213	67	55	66	57	65	59	65	59	73	52	73	54	70	57	66	58
30	214	67	56	65	57	65	59	64	59	73	52	74	54	69	56	66	59
Sums		2120	1741	2092	1798	2070	1844	2055	1874	2236	1637	2266	1685	2177	1769	2087	1842
Averages		70.7	58.0	69.7	59.9	69.0	61.5	68.5	62.5	74.5	54.6	75.5	56.2	72.6	59.0	69.6	61.4

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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	34		9
2	186	0	33		8
3	187	0	30		5
4	188	3	22		0
5	189	0	26		1
6	190	10	15		0
7	191	9	16		0
8	192	5	20		0
9	193	11	14		0
10	194	6	19		0
11	195	0	38		13
12	196	0	40		15
13	197	0	26		1
14	198	13	12		0
15	199	19	6		0
16	200	10	15		0
17	201	19	6		0
18	202	16	9		0
19	203	9	16		0
20	204	4	21		0
21	205	0	27		2
22	206	6	19		0
23	207	15	10		0
24	208	16	9		0
25	209	12	13		0
26	210	10	15		0
27	211	9	16		0
28	212	7	18		0
29	213	7	18		0
30	214	4	21		0
Sums for month		220	584		54
260	Accumulated heating degree days since July 1				
4009	Accumulated growing degree days since Jan. 1				
515	Accumulated cooling degree days since Apr. 1				