

## 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

November 2013

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Gm Cal/Cm2 Total	Diff				
1	246	62	50	56	92	65	78	8	35	31	43	0	0	0
2	247	64	45	54	89	36	62	17	216	207	2	0	0	0
3	248	53	32	42	92	59	75	5	76	71	34	0	0	0
4	249	37	22	29	91	47	69	5	116	113	0	0	0	0
5	250	40	23	31	90	36	63	11	240	224	0	0	0	0
6	251	53	35	44	78	38	58	14	155	148	0	0	0	0
7	252	60	43	51	91	55	73	13	123	118	40	0	0	0
8	253	44	34	39	85	54	69	8	69	64	1	0	0	0
9	254	41	32	36	95	47	71	8	113	108	1	0	0	0
10	255	51	37	44	88	47	67	12	84	80	13	0	0	0
11	256	47	33	40	84	50	67	10	120	116	1	0	0	0
12	257	46	25	35	92	42	67	7	65	60	1	0	0	0
13	258	33	19	26	92	50	71	4	139	134	2	10	0	0
14	259	38	20	29	65	27	46	1	195	95	0	0	0	0
15	260	55	36	45	51	15	33	18	160	84	0	0	0	0
16	261	54	36	45	59	22	40	19	106	105	0	0	0	0
17	262	57	36	46	80	40	60	16	179	36	0	0	0	0
18	263	59	35	47	90	43	66	10	42	38	43	0	0	0
19	264	54	34	44	74	40	57	12	159	58	0	0	0	0
20	265	35	21	28	91	56	73	5	55	51	0	0	0	0
21	266	36	20	28	78	37	57	8	181	39	0	0	0	0
22	267	43	30	36	94	42	68	8	126	88	26	0	0	0
23	268	48	28	38	94	64	79	4	40	34	3	0	0	0
24	269	38	14	26	91	39	65	4	123	83	6	20	0	0
25	270	22	14	18	90	50	70	3	156	111	0	0	0	0
26	271	33	15	24	76	33	54	8	144	71	0	0	0	0
27	272	34	31	32	97	64	80	2	47	41	128	43	0	0
28	273	32	17	24	97	69	83	2	43	37	3	13	0	0
29	274	26	16	21	92	53	72	3	172	69	2	5	0	0
30	275	28	7	17	91	48	69	3	170	90	0	0	0	0
Sums		1323	840	1075	2569	1368	1962	248	3649	2604	349	91	0	0
Average		44.1	28.0	35.8	85.6	45.6	65.4	0.008	121.6	86.8	0.12	0.3	0.0	0.000

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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	246	56	48	55	48	55	48	54	49	57	48	57	47	56	48	54	48
2	247	59	52	58	53	58	54	57	53	61	51	62	51	60	52	58	53
3	248	56	49	56	52	57	54	58	54	56	45	56	47	56	51	57	54
4	249	51	46	53	49	55	51	58	52	49	41	50	43	52	47	55	51
5	250	50	39	50	42	53	43	54	45	49	35	49	37	50	40	53	43
6	251	48	40	47	40	47	44	48	45	49	36	48	38	47	40	47	43
7	252	55	45	54	46	54	46	54	47	55	44	55	44	55	45	54	46
8	253	53	44	53	47	54	49	55	50	53	40	53	42	54	45	54	48
9	254	49	44	50	46	51	47	52	48	47	40	48	42	49	44	51	47
10	255	50	43	50	44	50	43	51	44	49	41	49	42	50	42	51	43
11	256	50	43	51	45	51	46	52	47	51	40	51	41	51	43	52	46
12	257	49	41	50	43	51	43	52	45	49	39	49	40	50	41	51	43
13	258	45	41	47	43	49	44	50	45	44	39	45	41	47	42	50	44
14	259	45	38	46	41	49	43	50	44	45	37	45	38	47	40	50	43
15	260	46	38	46	40	46	41	47	42	47	36	48	37	46	39	46	41
16	261	48	39	47	40	47	41	47	42	48	36	47	37	47	39	46	40
17	262	49	42	47	43	47	43	47	44	51	40	50	40	49	42	47	43
18	263	54	46	53	45	52	45	52	45	55	46	54	45	54	45	52	44
19	264	53	42	52	45	53	47	54	48	53	41	53	43	52	45	53	47
20	265	46	41	48	44	50	47	51	48	45	40	46	42	48	44	50	47
21	266	45	33	46	35	48	38	50	40	44	32	45	34	46	36	49	38
22	267	44	34	44	36	44	39	45	40	43	33	43	35	44	37	43	39
23	268	50	41	50	43	50	44	51	44	51	40	51	42	51	43	51	44
24	269	46	39	47	41	49	43	50	44	46	39	47	40	48	42	50	44
25	270	48	40	49	41	50	42	51	43	46	38	47	39	49	40	51	41
26	271	41	36	42	38	43	38	43	39	39	34	39	35	41	36	42	38
27	272	45	38	47	39	47	39	48	40	43	36	44	36	46	37	47	39
28	273	47	40	48	41	49	42	49	42	46	38	47	39	48	40	49	42
29	274	47	39	49	41	49	41	50	42	47	38	47	39	49	40	50	41
30	275	47	40	48	41	49	42	50	43	47	39	47	40	48	41	49	42
Sums		1472	1241	1483	1292	1507	1327	1530	1354	1465	1182	1472	1216	1490	1266	1512	1322
Averages		49.1	41.4	49.4	43.1	50.2	44.2	51.0	45.1	48.8	39.4	49.1	40.5	49.7	42.2	50.4	44.1

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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	246	9	16		0
2	247	11	14		0
3	248	23	2		0
4	249	36	0		0
5	250	34	0		0
6	251	21	4		0
7	252	14	11		0
8	253	26	0		0
9	254	29	0		0
10	255	21	4		0
11	256	25	0		0
12	257	30	0		0
13	258	39	0		0
14	259	36	0		0
15	260	20	5		0
16	261	20	5		0
17	262	19	6		0
18	263	18	7		0
19	264	21	4		0
20	265	37	0		0
21	266	37	0		0
22	267	29	0		0
23	268	27	0		0
24	269	39	0		0
25	270	47	0		0
26	271	41	0		0
27	272	33	0		0
28	273	41	0		0
29	274	44	0		0
30	275	48	0		0
Sums for month		875	78		0
1521	Accumulated heating degree days since July 1				
4488	Accumulated growing degree days since Jan. 1				
518	Accumulated cooling degree days since Apr. 1				