

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

		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	52	47	52	49	54	51	55	52	52	47	51	48	53	50	54	51
2	247	53	46	53	48	54	51	54	53	53	46	52	48	53	50	54	52
3	248	52	43	51	45	52	49	53	51	51	43	51	45	51	47	53	50
4	249	50	42	49	45	50	48	52	50	49	42	49	44	49	47	51	49
5	250	48	42	48	44	5	47	51	49	47	42	48	44	49	46	51	48
6	251	49	52	49	44	50	46	51	48	48	42	48	43	45	49	50	47
7	252	52	40	49	43	50	44	51	45	49	41	49	42	49	43	51	44
8	253	46	39	46	42	48	45	51	46	46	39	45	41	47	43	49	45
9	254	49	38	47	41	48	44	49	45	47	39	46	41	47	43	48	44
10	255	48	38	48	40	48	42	49	44	48	39	48	40	48	42	48	43
11	256	54	46	52	46	51	47	50	47	53	46	51	46	51	47	50	46
12	257	59	46	55	46	52	47	51	47	58	46	56	46	52	47	51	47
13	258	56	46	54	47	54	48	54	49	56	46	54	48	54	48	54	48
14	259	48	43	49	45	52	48	53	50	48	43	49	45	51	47	53	49
15	260	50	41	49	44	50	48	52	50	49	40	49	44	50	46	51	49
16	261	52	38	48	40	50	43	51	44	49	38	49	40	49	42	51	44
17	262	52	39	48	42	49	43	51	44	49	40	48	42	49	44	50	44
18	263	53	39	49	42	49	43	50	44	50	40	49	42	49	43	50	44
19	264	51	37	47	39	49	42	50	44	48	37	47	39	48	41	49	43
20	265	52	36	47	39	49	40	50	42	49	37	48	38	49	40	49	41
21	266	51	41	49	43	49	45	50	46	50	42	49	44	49	44	49	45
22	267	55	41	50	43	51	44	52	44	51	42	50	43	51	44	51	44
23	268	53	38	49	39	48	42	50	43	51	39	50	40	49	41	49	42
24	269	54	37	53	39	52	41	53	42	54	38	54	39	53	41	54	41
25	270	44	37	44	39	49	43	50	45	44	38	46	41	48	43	50	44
26	271	46	39	46	41	47	44	48	45	46	40	46	42	47	43	48	45
27	272	46	39	46	41	48	43	49	44	46	40	46	41	47	43	48	44
28	273	47	40	46	41	48	43	49	44	47	41	47	42	48	43	48	44
29	274	46	39	46	40	47	42	48	44	46	40	46	40	47	42	48	43
30	275	46	39	45	40	48	41	49	42	45	39	46	41	48	41	49	41
Sums		1514	1228	1464	1277	1451	1344	1526	1383	1479	1232	1467	1279	1480	1330	1511	1361
Averages		50.5	40.9	48.8	42.6	48.4	44.8	50.9	46.1	49.3	41.1	48.9	42.6	49.3	44.3	50.4	45.4

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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	44	40	42	100	100	100	0	69	65	13	0	0	0
2	247	46	39	42	100	100	100	0	74	71	14	0	0	0
3	248	41	35	38	100	100	100	0	93	90	9	0	0	0
4	249	39	33	36	100	100	100	0	81	79	5	0	0	0
5	250	37	32	34	100	100	100	0	83	80	0	0	0	0
6	251	35	30	32	100	100	100	0	71	66	0	0	0	0
7	252	39	21	30	100	100	100	0	167	99	0	0	0	0
8	253	38	22	30	100	100	100	0	124	103	0	0	0	0
9	254	41	31	36	100	50	75	1	185	53	0	0	0	0
10	255	47	35	41	100	100	100	0	80	79	1	0	0	0
11	256	51	41	46	100	100	100	0	107	85	3	0	0	0
12	257	69	50	59	100	100	100	0	128	105	0	0	0	0
13	258	64	36	50	100	100	100	0	69	65	36	0	0	0
14	259	37	33	35	100	100	100	0	52	48	0	0	0	0
15	260	38	25	31	100	100	100	0	63	58	0	0	0	0
16	261	45	26	35	100	100	100	0	181	51	0	0	0	0
17	262	45	26	35	100	100	100	0	156	77	0	0	0	0
18	263	49	26	37	100	100	100	0	183	109	0	0	0	0
19	264	46	29	37	100	100	100	0	186	111	0	0	0	0
20	265	49	29	39	100	57	78	0	176	114	0	0	0	0
21	266	45	28	36	100	100	100	0	99	97	0	0	0	0
22	267	52	28	40	100	100	100	0	171	115	0	0	0	0
23	268	58	28	43	100	0	50	26	173	123	0	0	0	0
24	269	55	31	43	95	52	73	9	44	41	0	0	0	0
25	270	35	29	32	99	53	76	6	100	97	0	0	0	0
26	271	35	31	33	89	61	75	5	79	76	0	0	0	0
27	272	39	30	34	78	56	67	7	97	91	0	0	0	0
28	273	38	28	33	80	45	62	7	112	112	0	0	0	0
29	274	36	26	31	85	53	69	7	64	59	0	0	0	0
30	275	46	25	35	98	35	66	8	161	157	0	0	0	0
Sums		1339	923	1125	2924	2462	2691	76	3428	2576	81	0	0	0
Average		44.6	30.8	37.5	97.5	82.1	89.7	0.003	114.3	85.9	0.03	0.0	0.0	0.000

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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	23	2		0
2	247	23	2		0
3	248	27	0		0
4	249	29	0		0
5	250	31	0		0
6	251	33	0		0
7	252	35	0		0
8	253	35	0		0
9	254	29	0		0
10	255	24	1		0
11	256	19	6		0
12	257	6	19		0
13	258	15	10		0
14	259	30	0		0
15	260	34	0		0
16	261	30	0		0
17	262	30	0		0
18	263	28	0		0
19	264	28	0		0
20	265	26	0		0
21	266	29	0		0
22	267	25	0		0
23	268	22	3		0
24	269	22	3		0
25	270	33	0		0
26	271	32	0		0
27	272	31	0		0
28	273	32	0		0
29	274	34	0		0
30	275	30	0		0
Sums for month		825	46		0
1411	Accumulated heating degree days since July 1				
4958	Accumulated growing degree days since Jan. 1				
699	Accumulated cooling degree days since Apr. 1				