

## 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

December 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	276	31	15	23	0	0	0	0	138	128	0	0	0	0
2	277	36	29	32	94	62	78	4	88	79	2	0	0	0
3	278	38	29	33	91	73	82	4	65	57	0	0	0	0
4	279	39	27	33	96	53	74	4	123	104	2	0	0	0
5	280	50	34	42	94	65	79	6	124	77	0	0	0	0
6	281	56	32	44	94	57	75	7	65	57	40	0	0	0
7	282	35	27	31	83	60	71	5	46	39	0	0	0	0
8	283	35	19	27	69	44	56	6	126	117	0	0	0	0
9	284	36	19	27	88	46	67	5	79	74	0	0	0	0
10	285	39	26	32	88	54	71	7	64	56	0	0	0	0
11	286	26	19	22	89	45	67	5	79	74	0	0	0	0
12	287	25	11	18	86	62	74	3	105	98	2	11	0	0
13	288	20	11	15	89	53	71	4	116	109	2	10	0	0
14	289	24	6	15	90	59	74	2	77	67	7	15	0	0
15	290	26	6	16	94	82	88	1	75	65	44	55	0	0
16	291	26	15	20	92	48	70	3	104	99	3	10	0	0
17	292	20	-2	9	90	54	72	2	138	131	2	11	0	0
18	293	30	15	22	90	59	74	3	57	50	0	0	0	0
19	294	31	24	27	87	60	73	5	117	102	0	0	0	0
20	295	44	27	35	91	46	68	8	133	123	0	0	0	0
21	296	48	39	43	93	54	73	6	33	27	2	0	0	0
22	297	53	30	41	96	79	87	2	25	20	125	0	0	0
23	298	44	32	38	96	81	88	2	43	37	2	0	0	0
24	299	39	21	30	91	54	72	5	28	24	0	0	0	0
25	300	24	5	14	91	62	76	2	83	78	0	10	0	0
26	301	25	5	15	83	53	68	4	110	102	0	0	0	0
27	302	33	5	19	82	56	69	5	83	82	0	0	0	0
28	303	43	5	24	83	45	64	5	51	44	0	0	0	0
29	304	46	5	25	82	49	65	9	89	60	0	0	0	0
30	305	46	5	25	95	51	73	4	24	19	18	0	0	0
31	306	19	14	16	80	58	69	3	94	80	0	0	0	0
Sums		1087	555	813	2667	1724	2188	131	2582	2279	251	122	0	0
Average		35.1	17.9	26.2	86.0	55.6	70.6	0.004	83.3	73.5	0.08	0.4	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	276	41	35	42	36	42	37	43	37	40	34	40	34	41	35	42	36
2	277	40	36	41	37	42	38	43	38	39	35	39	35	41	36	42	37
3	278	43	39	45	40	45	41	46	41	43	38	43	39	44	39	45	40
4	279	44	37	45	38	45	39	46	39	43	36	43	36	44	37	45	38
5	280	42	36	41	37	42	37	42	38	44	36	42	36	41	36	41	37
6	281	51	42	49	40	49	40	50	40	53	42	52	42	50	41	50	39
7	282	45	39	47	41	48	43	49	45	45	39	46	40	47	42	48	44
8	283	45	39	46	40	49	41	50	42	45	37	47	39	48	40	50	41
9	284	43	33	45	35	47	35	48	36	43	31	45	33	46	34	48	35
10	285	43	33	44	34	46	36	47	37	43	32	44	34	45	35	47	36
11	286	44	39	45	40	47	41	48	43	43	36	45	40	46	41	48	42
12	287	44	39	45	40	47	42	49	43	43	37	46	40	47	41	48	42
13	288	44	38	45	39	47	41	49	42	43	37	46	39	48	41	49	41
14	289	46	40	47	40	48	42	49	43	46	39	47	40	48	42	49	43
15	290	47	32	47	32	49	34	50	35	47	31	48	32	49	33	50	34
16	291	47	37	48	38	48	40	50	41	48	37	49	38	50	49	51	40
17	292	46	34	47	35	48	36	49	37	46	33	46	34	48	35	48	36
18	293	47	33	48	34	48	34	49	35	46	32	47	32	48	33	49	34
19	294	46	34	47	34	47	35	48	36	45	32	46	33	47	34	48	34
20	295	43	35	43	35	44	36	45	36	41	33	42	34	43	35	44	35
21	296	45	37	37	36	38	36	39	37	36	34	36	34	37	35	38	36
22	297	45	35	46	36	46	37	47	37	44	34	46	35	46	36	47	36
23	298	47	41	46	41	46	41	47	42	47	41	47	41	47	41	46	41
24	299	47	39	47	41	48	42	48	42	47	38	47	40	47	42	48	42
25	300	47	40	48	41	50	43	50	44	47	40	48	42	49	43	50	44
26	301	47	33	48	33	50	34	50	35	47	32	48	33	49	33	50	34
27	302	46	34	47	35	48	36	49	36	45	33	47	34	48	35	49	35
28	303	45	36	45	37	46	38	47	39	44	35	45	37	46	37	47	38
29	304	43	36	43	37	44	38	45	39	42	36	43	36	44	37	44	38
30	305	44	36	45	36	45	37	46	37	45	34	45	35	46	36	46	37
31	306	45	33	46	35	48	37	49	38	45	30	46	35	48	36	49	37
Sums		1392	1130	1405	1153	1437	1187	1467	1210	1375	1094	1401	1132	1428	1170	1456	1182
Averages		44.9	36.5	45.3	37.2	46.4	38.3	47.3	39.0	44.4	35.3	45.2	36.5	46.1	37.7	47.0	38.1

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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	276	42	0		0
2	277	33	0		0
3	278	32	0		0
4	279	32	0		0
5	280	23	2		0
6	281	21	4		0
7	282	34	0		0
8	283	38	0		0
9	284	38	0		0
10	285	33	0		0
11	286	43	0		0
12	287	47	0		0
13	288	50	0		0
14	289	50	0		0
15	290	49	0		0
16	291	45	0		0
17	292	56	0		0
18	293	43	0		0
19	294	38	0		0
20	295	30	0		0
21	296	22	3		0
22	297	24	1		0
23	298	27	0		0
24	299	35	0		0
25	300	51	0		0
26	301	50	0		0
27	302	46	0		0
28	303	41	0		0
29	304	40	0		0
30	305	40	0		0
31	306	49	0		0
Sums for month		1202	10		0

2723 Accumulated heating degree days since July 1  
 4498 Accumulated growing degree days since Jan. 1  
 518 Accumulated cooling degree days since Apr. 1