

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

February 2014

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	338	35	23	29	78	46	62	7	76	61	0	0	0	
2	339	40	25	32	90	44	67	7	80	71	12	0	0	
3	340	33	21	27	88	67	77	3	48	42	0	0	0	
4	341	24	12	18	83	59	71	3	105	95	0	0	0	
5	342	25	14	19	92	42	67	4	175	121	31	31	0	
6	343	23	3	13	92	81	86	1	73	65	44	98	0	
7	344	19	-1	9	89	58	73	2	215	178	0	0	0	
8	345	19	-7	6	74	38	56	4	228	136	0	0	0	
9	346	19	-6	6	86	44	65	3	210	168	0	0	0	
10	347	20	-7	6	90	62	76	2	142	128	0	10	0	
11	348	21	6	13	76	46	61	3	225	190	0	0	0	
12	349	18	-9	4	84	45	64	2	261	252	0	0	0	
13	350	23	-8	7	76	37	56	4	312	288	0	0	0	
14	351	23	11	17	92	60	76	2	110	98	16	45	0	
15	352	32	23	27	86	49	67	5	206	189	0	0	0	
16	353	30	8	19	92	59	75	3	214	197	2	3	0	
17	354	17	1	9	85	62	73	2	196	176	0	1	0	
18	355	26	4	15	75	38	56	5	310	280	2	5	0	
19	356	34	19	26	79	51	65	5	197	181	0	0	0	
20	357	46	23	34	89	52	70	6	165	151	7	0	0	
21	358	42	28	35	96	49	72	5	177	158	56	0	0	
22	359	43	33	38	90	32	61	11	82	74	9	0	0	
23	360	45	33	39	71	16	43	14	281	262	0	0	0	
24	361	43	19	31	77	27	52	4	314	292	0	0	0	
25	362	25	15	20	89	45	67	4	234	216	0	0	0	
26	363	21	9	15	88	46	67	4	260	240	0	0	0	
27	364	14	4	9	67	34	50	4	286	262	0	0	0	
28	365	21	1	11	87	35	61	3	234	211	0	1	0	
Sums		781	297	534	2361	1324	1836	122	5416	4782	179	194	0	
Average		27.9	10.6	19.1	84.3	47.3	65.6	0.004	193.4	170.8	0.06	0.7	0.0	

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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	338	44	35	44	35	45	36	46	37	44	35	45	35	46	36	46	36
2	339	44	32	44	33	45	34	46	35	45	33	45	33	46	34	46	34
3	340	43	40	43	40	45	41	45	42	44	40	44	41	45	41	45	42
4	341	45	41	45	41	47	42	47	43	46	41	46	42	47	43	47	42
5	342	45	37	46	39	47	41	48	41	46	40	47	40	48	41	48	41
6	343	48	40	48	40	49	41	50	42	48	40	49	41	50	42	50	42
7	344	47	40	47	40	49	41	50	42	48	40	49	41	50	42	50	42
8	345	47	41	47	41	49	41	49	43	48	41	48	42	49	42	49	43
9	346	47	39	47	39	49	41	49	41	48	40	48	40	49	41	49	41
10	347	47	35	47	35	48	36	49	37	48	36	48	36	49	36	49	36
11	348	48	38	48	39	50	40	50	40	149	39	49	40	50	40	50	41
12	349	49	38	49	39	51	40	51	40	50	39	51	39	51	40	52	40
13	350	48	32	48	32	50	33	50	34	48	32	49	32	50	32	50	33
14	351	47	38	47	39	49	40	49	40	48	39	49	39	50	40	50	40
15	352	44	38	44	38	46	39	46	39	45	38	45	38	46	39	46	39
16	353	47	38	47	38	48	40	49	40	48	39	48	40	49	40	49	40
17	354	49	42	49	42	50	43	50	44	49	43	50	43	51	44	51	44
18	355	49	40	49	32	50	33	51	34	50	32	50	32	51	33	51	33
19	356	44	33	44	33	45	34	46	35	46	33	45	33	46	34	46	34
20	357	42	34	42	34	43	35	44	35	42	34	43	34	44	34	44	34
21	358	39	33	39	33	40	34	41	35	40	33	40	33	40	34	40	34
22	359	44	33	44	33	45	34	46	35	45	33	46	34	46	34	47	34
23	360	42	35	42	35	43	36	43	37	42	36	43	36	43	36	44	36
24	361	43	35	43	35	44	36	45	36	44	35	44	36	45	36	45	36
25	362	47	37	47	37	49	38	49	39	48	38	48	38	49	38	49	39
26	363	48	39	48	39	49	40	50	40	49	39	50	39	50	40	51	40
27	364	45	34	45	34	47	36	47	36	46	35	46	35	47	35	47	35
28	365	49	35	49	34	51	36	51	36	50	35	50	35	51	35	51	36
Sums		1281	1032	1282	1029	1323	1061	1337	1078	1404	1038	1315	1047	1338	1062	1342	1067
Averages		45.8	36.9	45.8	36.8	47.3	37.9	47.8	38.5	50.1	37.1	47.0	37.4	47.8	37.9	47.9	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	338	36	0		0
2	339	33	0		0
3	340	38	0		0
4	341	47	0		0
5	342	46	0		0
6	343	52	0		0
7	344	56	0		0
8	345	59	0		0
9	346	59	0		0
10	347	59	0		0
11	348	52	0		0
12	349	61	0		0
13	350	58	0		0
14	351	48	0		0
15	352	38	0		0
16	353	46	0		0
17	354	56	0		0
18	355	50	0		0
19	356	39	0		0
20	357	31	0		0
21	358	30	0		0
22	359	27	0		0
23	360	26	0		0
24	361	34	0		0
25	362	45	0		0
26	363	50	0		0
27	364	56	0		0
28	365	54	0		0
Sums for month		1286	0		0
5475	Accumulated heating degree days since July 1				
1	Accumulated growing degree days since Jan. 1				
518	Accumulated cooling degree days since Apr. 1				