

## 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 2015

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	338	26	5	15	85	54	69	3	222	0	0	0	0	
2	339	18	9	13	88	69	78	2	126	0	48	56	0	
3	340	13	5	9	87	65	76	2	135	0	18	32	0	
4	341	22	7	14	85	33	59	4	256	0	0	0	0	
5	342	32	13	22	93	62	77	3	90	0	10	25	0	
6	343	18	-1	8	97	45	71	3	261	0	0	0	0	
7	344	24	7	15	81	52	66	4	240	0	0	0	0	
8	345	26	20	23	94	77	85	2	108	0	6	10	0	
9	346	22	10	16	92	82	87	1	62	0	66	85	0	
10	347	18	11	14	90	84	87	1	122	0	19	32	0	
11	348	17	2	9	90	81	85	1	102	0	0	0	0	
12	349	30	3	16	91	60	75	3	263	0	3	10	0	
13	350	23	-2	10	89	49	69	2	254	0	5	14	0	
14	351	23	-6	8	78	45	61	2	308	0	0	0	0	
15	352	24	-2	11	90	61	75	2	169	0	13	15	0	
16	353	0	-6	-2	81	62	71	1	295	0	2	10	0	
17	354	6	-9	0	85	51	68	2	367	0	0	0	0	
18	355	17	-5	6	78	34	56	3	325	0	0	0	0	
19	356	23	6	14	89	45	67	3	229	0	18	25	0	
20	357	8	-8	0	83	49	66	2	312	0	1	5	0	
21	358	13	-13	0	76	40	58	2	347	0	0	0	0	
22	359	21	13	17	86	40	63	3	104	0	0	0	0	
23	360	28	2	15	86	51	68	3	260	0	2	5	0	
24	361	5	-10	-1	76	44	60	2	364	0	0	0	0	
25	362	21	-5	8	81	29	55	5	314	0	0	0	0	
26	363	20	5	12	82	34	58	3	369	0	0	0	0	
27	364	15	2	8	82	44	63	2	273	0	0	0	0	
28	365	13	-7	3	80	42	61	3	412	0	0	0	0	
Sums		526	46	283	2395	1484	1934	69	6689	0	211	324	0	
Average		18.8	1.6	10.1	85.5	53.0	69.1	0.002	238.9	0.0	0.08	1.2	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	52	42	52	42	54	43	54	44	52	42	53	42	54	43	54	43
2	339	50	44	50	44	52	45	46	52	51	44	51	44	52	45	52	46
3	340	54	45	54	46	55	47	56	47	54	46	54	46	56	47	56	47
4	341	52	36	52	36	53	37	54	38	53	36	53	36	54	37	54	37
5	342	51	34	51	35	53	36	53	37	51	35	52	35	53	36	53	36
6	343	53	42	53	42	54	43	55	44	54	42	54	42	55	43	55	43
7	344	53	42	53	42	55	43	55	44	54	42	54	43	56	43	56	44
8	345	46	37	46	37	47	38	48	39	47	37	47	37	48	38	48	38
9	346	49	43	50	43	51	45	51	45	50	44	50	44	51	45	51	45
10	347	49	43	49	44	51	45	51	45	50	44	50	44	51	45	51	45
11	348	53	44	53	44	54	45	55	46	54	45	54	45	55	46	55	46
12	349	51	38	51	38	52	40	53	40	52	39	52	39	53	39	53	39
13	350	47	38	47	38	48	39	49	9	43	38	48	38	49	39	49	39
14	351	52	36	52	36	54	38	54	38	53	37	53	36	54	37	54	37
15	352	50	36	50	36	51	37	52	37	51	36	52	35	52	36	53	36
16	353	54	38	54	39	55	39	56	40	55	39	55	39	56	40	56	40
17	354	57	44	57	45	58	45	59	46	58	45	58	45	59	46	59	46
18	355	53	42	53	43	55	44	55	44	54	43	54	43	55	44	55	44
19	356	50	39	51	39	52	40	52	41	51	39	52	39	52	40	53	40
20	357	45	39	45	40	46	40	47	41	45	40	46	40	46	41	47	41
21	358	57	36	57	36	59	37	59	37	58	36	58	36	59	36	59	36
22	359	52	34	51	34	53	35	53	36	52	34	53	34	53	35	54	35
23	360	53	40	53	41	54	42	55	42	54	41	54	41	55	42	55	42
24	361	53	42	53	42	55	43	56	44	54	42	55	43	55	44	56	44
25	362	53	35	53	35	55	37	55	37	54	35	55	35	56	36	56	36
26	363	54	38	54	38	56	39	56	39	55	38	55	38	56	39	56	39
27	364	56	45	56	45	58	46	58	47	57	45	57	46	59	46	59	46
28	365	57	40	57	40	58	41	59	42	58	40	58	41	59	41	59	42
Sums		1456	1112	1457	1120	1498	1149	1506	1141	1474	1124	1487	1126	1493	1149	1518	1152
Averages		52.0	39.7	52.0	40.0	53.5	41.0	53.8	40.8	52.6	40.1	53.1	40.2	53.3	41.0	54.2	41.1

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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	50	0		0
2	339	52	0		0
3	340	56	0		0
4	341	51	0		0
5	342	43	0		0
6	343	57	0		0
7	344	50	0		0
8	345	42	0		0
9	346	49	0		0
10	347	51	0		0
11	348	56	0		0
12	349	49	0		0
13	350	55	0		0
14	351	57	0		0
15	352	54	0		0
16	353	67	0		0
17	354	65	0		0
18	355	59	0		0
19	356	51	0		0
20	357	65	0		0
21	358	65	0		0
22	359	48	0		0
23	360	50	0		0
24	361	66	0		0
25	362	57	0		0
26	363	53	0		0
27	364	57	0		0
28	365	62	0		0
Sums for month		1537	0		0
5599	Accumulated heating degree days since July 1				
0	Accumulated growing degree days since Jan. 1				
373	Accumulated cooling degree days since Apr. 1				