

## 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 2016

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	338	56	39	47	79	43	61	16	101	0	1	0	0	0
2	339	42	30	36	81	48	64	8	125	0	0	0	0	0
3	340	43	32	37	87	43	65	9	180	0	35	0	0	0
4	341	51	37	44	90	49	69	1	55	0	11	0	0	0
5	342	40	27	33	80	52	66	7	100	0	0	0	0	0
6	343	33	25	29	76	50	63	6	139	0	0	0	0	0
7	344	38	25	31	76	41	58	9	174	0	0	0	0	0
8	345	43	25	34	83	43	63	8	251	0	0	0	0	0
9	346	36	NA	18	96	51	73	6	130	0	2	8	0	0
10	347	37	28	32	94	53	73	5	99	0	3	1	0	0
11	348	29	10	19	83	47	65	4	109	0	1	2	0	0
12	349	12	9	10	75	44	59	3	224	0	0	0	0	0
13	350	25	-4	10	89	39	64	4	230	0	5	2	0	0
14	351	0	-14	-6	81	43	62	1	253	0	0	5	0	0
15	352	10	-9	0	77	43	60	2	323	0	0	0	0	0
16	353	29	10	19	96	53	74	3	96	0	55	26	0	0
17	354	31	26	28	96	83	89	1	34	0	147	32	0	0
18	355	31	9	20	92	70	81	2	117	0	1	11	0	0
19	356	21	6	13	87	46	66	3	201	0	0	0	0	0
20	357	46	17	31	73	34	53	8	91	0	0	0	0	0
21	358	56	30	43	88	29	58	15	268	0	0	0	0	0
22	359	40	21	30	85	61	73	6	115	0	0	0	0	0
23	360	29	15	22	78	53	65	4	270	0	0	0	0	0
24	361	42	18	30	96	47	71	5	292	0	8	0	0	0
25	362	47	31	39	97	84	90	2	39	0	94	0	0	0
26	363	38	15	26	94	58	76	3	94	0	15	0	0	0
27	364	24	14	19	75	44	59	5	330	0	0	0	0	0
28	365	42	23	32	70	43	56	10	243	0	0	0	0	0
29	366	62	38	50	83	26	54	25	304	0	0	0	0	0
Sums		1033	533	776	2457	1420	1930	181	4987	0	378	87	0	0
Average		35.6	19.0	26.8	84.7	49.0	66.6	0.006	172.0	0.0	0.13	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	338	46	36	46	36	44	36	44	37	48	35	45	35	45	36	44	36
2	339	46	42	47	42	48	41	48	40	49	42	48	42	48	42	48	40
3	340	48	38	47	38	47	38	47	38	51	37	49	37	48	38	47	37
4	341	49	39	48	39	49	39	49	39	51	39	50	39	50	39	49	39
5	342	48	44	48	44	49	44	50	44	50	43	49	44	49	44	49	44
6	343	49	38	49	39	49	50	51	42	48	38	48	38	49	40	51	40
7	344	46	38	47	38	48	40	50	41	46	37	47	37	48	39	49	39
8	345	43	37	44	38	46	38	46	39	43	36	44	37	45	38	46	38
9	346	46	37	46	37	47	38	47	38	45	36	45	36	46	37	46	37
10	347	50	37	49	37	49	38	50	38	51	36	51	36	50	37	50	38
11	348	49	39	50	40	52	40	53	41	49	38	50	38	52	40	53	41
12	349	49	38	51	39	53	41	54	42	44	35	49	39	53	40	54	41
13	350	49	34	50	34	52	36	53	36	46	31	49	33	53	35	54	36
14	351	55	33	56	34	58	35	59	36	50	31	53	32	57	34	59	35
15	352	54	30	54	31	56	32	57	33	49	25	51	26	55	30	57	31
16	353	47	30	47	30	48	32	49	33	46	25	47	27	48	30	49	32
17	354	47	38	47	38	48	38	49	37	46	38	47	38	48	38	49	39
18	355	47	39	47	39	48	40	49	41	48	40	47	40	48	40	48	41
19	356	47	33	47	33	49	34	49	35	48	33	48	33	48	33	49	34
20	357	43	33	43	33	44	34	45	34	43	33	43	33	44	33	44	33
21	358	43	36	43	36	44	37	45	37	43	36	43	36	44	36	44	37
22	359	45	39	45	39	46	40	47	41	45	39	45	39	46	40	46	40
23	360	45	40	46	40	47	41	48	41	46	40	46	40	47	40	47	41
24	361	45	34	45	34	46	35	47	36	45	34	45	34	46	35	46	35
25	362	44	35	44	36	45	37	45	37	44	35	44	36	45	36	45	37
26	363	46	38	46	39	47	39	47	39	46	37	46	38	47	38	48	39
27	364	46	37	47	37	47	37	48	38	46	36	46	36	47	37	48	38
28	365	44	37	45	37	46	37	46	38	44	36	45	36	45	37	46	37
29	366	49	38	46	38	44	37	44	38	47	35	46	36	45	37	44	37
Sums		1365	1067	1370	1075	1396	1104	1416	1109	1357	1036	1366	1051	1396	1079	1409	1092
Averages		47.1	36.8	47.2	37.1	48.1	38.1	48.8	38.2	46.8	35.7	47.1	36.2	48.1	37.2	48.6	37.7

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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	18	7		0
2	339	29	0		0
3	340	28	0		0
4	341	21	4		0
5	342	32	0		0
6	343	36	0		0
7	344	34	0		0
8	345	31	0		0
9	346	47	0		0
10	347	33	0		0
11	348	46	0		0
12	349	55	0		0
13	350	55	0		0
14	351	71	0		0
15	352	65	0		0
16	353	46	0		0
17	354	37	0		0
18	355	45	0		0
19	356	52	0		0
20	357	34	0		0
21	358	22	3		0
22	359	35	0		0
23	360	43	0		0
24	361	35	0		0
25	362	26	0		0
26	363	39	0		0
27	364	46	0		0
28	365	33	0		0
29	366	15	10		0
Sums for month		1109	24		0
4482	Accumulated heating degree days since July 1				
27	Accumulated growing degree days since Jan. 1				
434	Accumulated cooling degree days since Apr. 1				