

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

January 2016

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	307	33	29	31	87	74	80	4	29	0	2	0	0	
2	308	31	22	26	93	58	75	4	38	0	0	5	0	
3	309	34	23	28	82	57	69	5	34	0	0	0	0	
4	310	35	10	22	91	59	75	4	55	0	1	10	0	
5	311	11	8	9	78	59	68	2	88	0	0	0	0	
6	312	22	11	16	77	47	62	4	172	0	0	0	0	
7	313	36	17	26	72	32	52	8	173	0	0	0	0	
8	314	38	18	28	81	29	55	6	172	0	0	0	0	
9	315	39	21	30	83	50	66	6	118	0	0	0	0	
10	316	44	38	41	95	74	84	5	65	0	37	0	0	
11	317	50	19	34	95	40	67	6	48	0	21	0	0	
12	318	22	15	18	80	40	60	5	174	0	0	0	0	
13	319	31	15	23	94	50	72	5	108	0	0	0	0	
14	320	20	14	17	81	38	59	4	188	0	1	5	0	
15	321	32	18	25	94	71	82	2	65	0	3	5	0	
16	322	44	31	37	93	53	73	8	117	0	16	0	0	
17	323	39	26	32	82	57	69	6	52	0	0	0	0	
18	324	31	12	21	92	48	70	5	60	0	0	0	0	
19	325	20	12	16	82	36	59	4	186	0	1	5	0	
20	326	22	12	17	83	60	71	4	139	0	1	5	0	
21	327	25	19	22	89	61	75	3	139	0	2	10	0	
22	328	23	4	13	88	66	77	2	139	0	2	5	0	
23	329	22	8	15	88	41	64	3	159	0	0	0	0	
24	330	22	11	16	82	62	72	3	134	0	0	0	0	
25	331	26	18	22	78	59	68	4	152	0	0	0	0	
26	332	36	26	31	72	42	57	9	118	0	0	0	0	
27	333	52	32	42	85	47	66	9	157	0	0	0	0	
28	334	32	23	27	92	54	73	5	108	0	5	5	0	
29	335	37	25	31	85	50	67	8	105	0	0	0	0	
30	336	29	18	23	80	60	70	4	100	0	0	0	0	
31	337	46	23	34	68	34	51	12	127	0	0	0	0	
Sums		984	578	773	2622	1608	2108	159	3519	0	92	55	0	
Average		31.7	18.6	24.9	84.6	51.9	68.0	0.005	113.5	0.0	0.03	0.2	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	307	49	44	50	45	51	46	52	47	48	43	49	43	50	45	52	47
2	308	51	44	51	44	52	45	53	46	48	41	49	42	50	43	52	45
3	309	51	42	52	43	52	44	53	44	49	40	49	39	51	41	52	43
4	310	52	43	53	43	55	44	56	44	51	41	52	41	54	42	55	43
5	311	52	47	53	48	55	50	56	51	51	46	52	47	54	49	55	50
6	312	51	42	52	42	54	44	55	45	49	39	51	40	52	43	54	44
7	313	46	37	47	38	48	39	49	40	43	35	44	36	47	38	48	39
8	314	46	39	47	40	49	41	50	42	44	37	48	38	47	40	49	41
9	315	41	34	42	34	43	35	44	36	38	33	39	32	42	34	43	35
10	316	44	36	44	36	44	37	43	37	45	34	44	34	44	35	43	36
11	317	48	41	48	41	49	41	50	40	50	38	50	40	49	41	50	40
12	318	47	31	48	32	50	34	51	35	46	28	48	31	50	33	51	34
13	319	48	33	48	34	50	36	52	37	47	29	49	33	50	35	51	36
14	320	46	38	46	39	48	40	49	41	43	37	45	38	47	40	48	41
15	321	48	39	49	40	51	41	52	42	47	38	48	39	50	40	52	41
16	322	43	34	44	35	45	36	46	37	43	34	43	34	44	35	45	36
17	323	45	37	46	39	47	38	48	39	45	37	46	37	47	38	48	39
18	324	49	36	49	36	51	38	51	38	48	36	49	36	50	37	51	37
19	325	47	39	48	39	49	41	51	43	43	37	47	41	49	40	51	43
20	326	45	38	46	39	48	40	49	42	44	36	46	38	47	40	50	41
21	327	48	39	48	40	50	41	51	42	47	39	48	38	49	40	51	42
22	328	52	40	52	41	54	42	55	43	51	40	52	40	53	42	54	42
23	329	51	43	51	43	53	45	54	45	50	43	51	43	52	44	53	45
24	330	50	42	51	43	52	44	53	45	50	42	50	42	52	43	53	44
25	331	48	39	48	40	49	41	50	42	46	39	47	39	49	40	50	41
26	332	41	33	42	34	43	35	44	35	41	33	41	33	42	34	43	34
27	333	44	34	45	35	46	35	46	36	44	33	45	34	46	34	46	36
28	334	43	36	45	36	45	37	46	38	44	36	44	35	45	36	46	37
29	335	46	34	47	34	47	36	48	36	46	34	47	34	48	35	49	35
30	336	45	36	46	36	47	37	48	38	44	33	46	35	47	37	48	37
31	337	37	34	37	34	38	35	39	36	36	32	36	33	37	43	35	38
Sums		1454	1184	1475	1203	1515	1238	1544	1262	1421	1143	1455	1165	1494	1217	1528	1242
Averages		46.9	38.2	47.6	38.8	48.9	39.9	49.8	40.7	45.8	36.9	46.9	37.6	48.2	39.3	49.3	40.1

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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	307	34	0		0
2	308	39	0		0
3	309	37	0		0
4	310	43	0		0
5	311	56	0		0
6	312	49	0		0
7	313	39	0		0
8	314	37	0		0
9	315	35	0		0
10	316	24	1		0
11	317	31	0		0
12	318	47	0		0
13	319	42	0		0
14	320	48	0		0
15	321	40	0		0
16	322	28	0		0
17	323	33	0		0
18	324	44	0		0
19	325	49	0		0
20	326	48	0		0
21	327	43	0		0
22	328	52	0		0
23	329	50	0		0
24	330	49	0		0
25	331	43	0		0
26	332	34	0		0
27	333	23	2		0
28	334	38	0		0
29	335	34	0		0
30	336	42	0		0
31	337	31	0		0
Sums for month		1242	3		0

3373 Accumulated heating degree days since July 1  
 3 Accumulated growing degree days since Jan. 1  
 434 Accumulated cooling degree days since Apr. 1