

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 2017

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	307	40	26	33	85	36	60	8	108	0	1	0	0	0
2	308	38	25	31	79	41	60	7	173	0	0	0	0	0
3	309	37	27	32	95	56	75	4	32	0	2	0	0	0
4	310	41	37	39	97	73	85	2	25	0	53	0	0	0
5	311	39	16	27	86	38	62	6	109	0	2	0	0	0
6	312	22	7	14	85	50	67	4	80	0	2	4	0	0
7	313	18	7	12	77	46	61	3	169	0	0	0	0	0
8	314	19	9	14	83	43	63	4	158	0	0	0	0	0
9	315	17	8	12	86	44	65	3	153	0	1	1	0	0
10	316	22	12	17	66	45	55	5	116	0	0	0	0	0
11	317	44	18	31	88	40	64	5	43	0	7	10	0	0
12	318	48	41	44	89	28	58	13	163	0	1	0	0	0
13	319	52	29	40	97	57	77	5	29	0	30	0	0	0
14	320	29	18	23	73	40	56	6	146	0	0	0	0	0
15	321	28	18	23	78	55	66	5	54	0	0	0	0	0
16	322	29	17	23	84	55	69	4	45	0	0	0	0	0
17	323	40	21	30	81	38	59	8	189	0	0	0	0	0
18	324	40	31	35	98	70	84	2	19	0	53	0	0	0
19	325	38	35	36	94	74	84	3	34	0	2	0	0	0
20	326	35	32	33	94	83	88	2	51	0	1	0	0	0
21	327	41	33	37	94	73	83	4	92	0	0	0	0	0
22	328	54	34	44	98	64	81	6	173	0	0	0	0	0
23	329	47	36	41	98	77	87	2	111	0	0	0	0	0
24	330	41	29	35	98	65	81	4	66	0	34	10	0	0
25	331	31	27	29	98	95	96	0	85	0	15	22	0	0
26	332	44	31	37	96	58	77	5	116	0	0	0	0	0
27	333	41	29	35	93	53	73	7	104	0	6	0	0	0
28	334	35	28	31	69	46	57	7	133	0	0	0	0	0
29	335	30	27	28	79	56	67	6	52	0	0	0	0	0
30	336	29	15	22	89	45	67	5	128	0	1	5	0	0
31	337	21	9	15	84	55	69	3	157	0	2	10	0	0
Sums		1090	732	903	2711	1699	2196	148	3113	0	213	62	0	0
Average		35.2	23.6	29.1	87.5	54.8	70.8	0.005	100.4	0.0	0.07	0.2	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	307	49	35	50	35	50	37	51	37	48	34	50	34	51	36	53	36
2	308	46	39	47	40	49	41	49	42	46	38	47	39	48	40	49	41
3	309	42	35	43	35	45	36	46	37	42	33	42	34	44	35	45	36
4	310	50	38	49	38	50	38	50	38	50	37	51	37	51	37	53	37
5	311	49	40	50	40	53	41	54	41	48	38	50	40	52	41	53	41
6	312	50	44	51	45	53	47	54	48	49	42	51	44	53	46	54	47
7	313	52	40	53	41	55	43	56	44	50	40	53	41	54	42	56	43
8	314	52	40	53	40	55	42	56	43	51	38	53	40	55	41	56	42
9	315	51	38	52	39	54	41	55	42	47	36	49	38	53	39	52	41
10	316	43	33	44	34	45	36	46	36	40	3	41	31	43	34	45	35
11	317	46	32	46	33	48	34	49	35	45	30	46	30	47	32	48	33
12	318	44	34	44	34	45	35	46	36	43	34	44	34	44	34	46	35
13	319	43	34	44	34	45	35	46	36	45	37	45	34	45	34	46	35
14	320	48	38	48	38	49	39	50	40	48	38	48	38	49	39	41	40
15	321	49	38	50	39	51	40	51	40	47	38	50	38	51	39	51	40
16	322	46	41	47	42	48	42	49	44	45	36	46	39	47	42	49	43
17	323	44	38	44	39	45	40	46	41	44	37	44	38	45	39	46	40
18	324	44	34	45	34	46	35	46	36	45	34	45	33	45	34	46	35
19	325	43	39	44	39	45	40	46	41	45	40	44	39	45	40	45	41
20	326	44	38	45	39	45	39	45	40	45	38	45	38	46	39	45	39
21	327	45	36	44	36	44	36	44	36	46	37	46	36	45	36	44	36
22	328	49	42	48	42	49	42	49	42	56	43	53	43	50	43	49	42
23	329	50	45	50	45	50	45	50	45	55	45	52	45	51	46	50	45
24	330	49	44	49	44	50	44	50	44	50	42	50	43	50	45	50	44
25	331	50	43	50	43	51	43	52	44	48	41	48	41	50	42	51	43
26	332	49	40	49	40	50	41	51	42	48	39	49	39	50	40	50	41
27	333	47	40	48	40	49	40	50	40	48	38	49	39	49	40	50	40
28	334	46	40	47	40	48	41	49	41	46	38	47	39	48	40	49	40
29	335	49	40	50	41	51	42	52	43	49	39	50	40	51	41	52	42
30	336	50	40	51	40	52	40	53	41	50	38	51	39	52	40	53	41
31	337	50	39	51	36	52	38	53	38	50	36	51	35	52	37	54	37
Sums		1469	1197	1486	1205	1522	1233	1544	1253	1469	1137	1490	1178	1516	1213	1531	1231
Averages		47.4	38.6	47.9	38.9	49.1	39.8	49.8	40.4	47.4	36.7	48.1	38.0	48.9	39.1	49.4	39.7

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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	307	32	0		0
2	308	34	0		0
3	309	33	0		0
4	310	26	0		0
5	311	38	0		0
6	312	51	0		0
7	313	53	0		0
8	314	51	0		0
9	315	53	0		0
10	316	48	0		0
11	317	34	0		0
12	318	21	4		0
13	319	25	0		0
14	320	42	0		0
15	321	42	0		0
16	322	42	0		0
17	323	35	0		0
18	324	30	0		0
19	325	29	0		0
20	326	32	0		0
21	327	28	0		0
22	328	21	4		0
23	329	24	1		0
24	330	30	0		0
25	331	36	0		0
26	332	28	0		0
27	333	30	0		0
28	334	34	0		0
29	335	37	0		0
30	336	43	0		0
31	337	50	0		0
Sums for month		1112	9		0

3465 Accumulated heating degree days since July 1

9 Accumulated growing degree days since Jan. 1

704 Accumulated cooling degree days since Apr. 1