

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 2018

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	5	0	2	80	55	67	2	133	0	1	4	0	0
2	308	14	1	7	81	43	62	3	173	0	1	5	0	0
3	309	20	4	12	70	45	57	4	148	0	0	0	0	0
4	310	23	4	13	67	31	49	6	172	0	0	0	0	0
5	311	19	-3	8	83	60	71	2	92	0	0	2	0	0
6	312	2	-3	0	77	53	65	2	153	0	0	0	0	0
7	313	2	-3	0	77	50	63	2	177	0	0	0	0	0
8	314	29	2	15	63	32	47	6	177	0	0	0	0	0
9	315	38	28	33	78	37	57	8	45	0	0	0	0	0
10	316	31	21	26	83	55	69	6	51	0	0	0	0	0
11	317	40	21	30	69	49	59	9	178	0	1	0	0	0
12	318	54	39	46	98	56	77	10	105	0	66	0	0	0
13	319	48	11	29	98	86	92	1	39	0	67	120	0	0
14	320	13	-1	6	87	58	72	2	140	0	10	0	0	0
15	321	13	-6	3	83	48	65	2	208	0	0	0	0	0
16	322	21	17	19	92	60	76	2	180	0	5	21	0	0
17	323	28	13	20	94	53	73	3	123	0	1	10	0	0
18	324	18	1	9	85	47	66	3	193	0	0	0	0	0
19	325	26	13	19	74	47	60	5	140	0	0	0	0	0
20	326	40	26	33	60	39	49	10	186	0	0	0	0	0
21	327	43	26	34	85	45	65	9	195	0	0	0	0	0
22	328	44	26	35	99	54	76	5	146	0	1	0	0	0
23	329	44	34	39	99	74	86	3	52	0	10	0	0	0
24	330	50	22	36	90	61	75	6	95	0	0	0	0	0
25	331	23	15	19	81	59	70	3	131	0	0	0	0	0
26	332	24	15	19	79	37	58	5	177	0	0	0	0	0
27	333	39	21	30	72	46	59	9	207	0	0	0	0	0
28	334	50	33	41	82	40	61	11	65	0	0	0	0	0
29	335	45	25	35	82	40	61	7	206	0	0	0	0	0
30	336	33	18	25	90	58	74	3	145	0	5	15	0	0
31	337	19	5	12	83	59	71	3	129	0	7	13	0	0
Sums		898	425	655	2541	1577	2052	152	4361	0	175	190	0	0
Average		29.0	13.7	21.1	82.0	50.9	66.2	0.005	140.7	0.0	0.06	0.6	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	52	45	53	45	54	47	55	48	53	45	53	46	54	47	55	48
2	308	53	42	54	42	55	43	56	44	54	41	54	42	55	43	56	44
3	309	52	44	52	44	54	46	55	46	52	44	53	45	54	46	55	46
4	310	52	35	52	35	54	37	55	37	52	35	53	35	54	36	55	37
5	311	50	37	51	37	52	39	53	39	51	37	52	38	53	39	54	39
6	312	44	36	45	37	47	39	48	39	46	37	46	37	47	38	48	39
7	313	53	38	53	38	56	40	57	41	55	39	55	39	56	40	57	41
8	314	49	33	50	33	52	35	53	36	51	34	51	34	52	35	53	35
9	315	47	33	47	33	49	35	50	36	48	33	49	33	50	35	52	35
10	316	45	39	45	40	47	41	48	43	46	40	47	41	48	42	48	42
11	317	41	34	41	34	43	36	44	36	42	35	42	35	43	35	43	35
12	318	44	35	42	34	42	36	42	37	49	35	48	35	46	36	43	36
13	319	54	43	54	42	56	42	57	41	55	43	55	45	56	45	57	43
14	320	56	44	57	44	58	46	59	46	57	44	57	44	58	45	58	46
15	321	58	45	58	45	59	46	60	47	58	44	58	45	59	46	59	46
16	322	57	39	57	39	59	40	60	41	57	38	57	38	58	39	59	40
17	323	51	45	52	44	53	46	54	46	51	44	52	44	53	45	54	45
18	324	57	41	57	41	59	42	59	43	57	41	57	41	58	42	59	42
19	325	55	46	55	46	57	47	57	48	55	46	56	46	57	47	57	47
20	326	52	39	52	39	53	40	54	40	51	38	52	38	53	39	54	39
21	327	47	39	48	39	49	40	49	41	47	38	47	39	48	39	49	40
22	328	45	40	46	41	47	41	47	42	45	40	45	40	46	41	46	41
23	329	46	36	46	36	47	37	47	38	45	35	45	35	46	36	47	37
24	330	46	37	46	37	47	38	48	39	46	36	46	36	47	37	48	38
25	331	50	41	51	41	52	43	53	43	50	40	51	41	52	42	53	43
26	332	49	41	50	41	52	43	52	43	48	40	50	41	51	42	52	43
27	333	43	34	44	34	45	35	46	36	40	33	42	33	44	34	45	36
28	334	45	36	45	36	46	37	47	38	45	35	45	35	46	36	46	37
29	335	46	40	46	39	48	39	48	40	46	38	46	38	47	39	48	39
30	336	48	42	49	42	50	42	51	42	49	40	49	41	50	41	51	42
31	337	52	42	52	43	54	44	54	45	52	42	53	43	54	44	55	45
Sums		1539	1221	1550	1221	1596	1262	1610	1281	1553	1210	1566	1223	1595	1251	1616	1266
Averages		49.6	39.4	50.0	39.4	51.5	40.7	51.9	41.3	50.1	39.0	50.5	39.5	51.5	40.4	52.1	40.8

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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	63	0		0
2	308	58	0		0
3	309	53	0		0
4	310	52	0		0
5	311	57	0		0
6	312	65	0		0
7	313	65	0		0
8	314	50	0		0
9	315	32	0		0
10	316	39	0		0
11	317	35	0		0
12	318	19	6		0
13	319	36	0		0
14	320	59	0		0
15	321	62	0		0
16	322	46	0		0
17	323	45	0		0
18	324	56	0		0
19	325	46	0		0
20	326	32	0		0
21	327	31	0		0
22	328	30	0		0
23	329	26	0		0
24	330	29	0		0
25	331	46	0		0
26	332	46	0		0
27	333	35	0		0
28	334	24	1		0
29	335	30	0		0
30	336	40	0		0
31	337	53	0		0
Sums for month		1360	7		0

3931 Accumulated heating degree days since July 1

7 Accumulated growing degree days since Jan. 1

405 Accumulated cooling degree days since Apr. 1