

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 2019

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	338	9	-2	3	63	31	47	3	244	0	0	0	0	0
2	339	16	-2	7	62	29	45	3	236	0	0	0	0	0
3	340	39	11	25	100	51	75	4	142	0	2	0	0	0
4	341	48	32	40	99	56	77	1	190	0	0	0	0	0
5	342	60	41	50	93	45	69	16	223	0	0	0	0	0
6	343	49	24	36	83	69	76	5	48	0	0	0	0	0
7	344	40	25	32	100	73	86	2	44	0	37	0	0	0
8	345	54	27	40	100	57	78	3	75	0	6	0	0	0
9	346	35	13	24	80	47	63	5	118	0	0	0	0	0
10	347	24	14	19	65	48	56	5	187	0	0	0	0	0
11	348	28	17	22	77	40	58	6	207	0	0	0	0	0
12	349	28	18	23	95	54	74	5	124	0	0	0	0	0
13	350	33	22	27	97	57	77	3	55	0	64	40	0	0
14	351	30	22	26	94	48	71	5	157	0	4	10	0	0
15	352	40	25	32	76	43	59	9	219	0	0	0	0	0
16	353	43	23	33	80	46	63	8	131	0	0	0	0	0
17	354	27	16	21	83	51	67	5	225	0	0	0	0	0
18	355	25	16	20	95	46	70	3	236	0	8	10	0	0
19	356	22	10	16	93	60	76	3	160	0	1	2	0	0
20	357	23	8	15	78	47	62	3	287	0	0	0	0	0
21	358	40	17	28	94	48	71	4	139	0	13	0	0	0
22	359	38	27	32	73	51	62	8	135	0	0	0	0	0
23	360	32	21	26	83	56	69	5	95	0	0	0	0	0
24	361	38	24	31	89	48	68	6	218	0	0	0	0	0
25	362	45	23	34	94	49	71	6	162	0	12	0	0	0
26	363	24	16	20	84	46	65	5	208	0	1	5	0	0
27	364	19	8	13	81	46	63	3	250	0	1	1	0	0
28	365	16	8	12	84	56	70	2	141	0	45	75	0	0
Sums		925	504	707	2395	1398	1888	136	4656	0	194	143	0	0
Average		33.0	18.0	25.3	85.5	49.9	67.4	0.005	166.3	0.0	0.07	0.5	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	54	42	54	43	55	44	56	45	54	43	55	44	56	45	56	45
2	339	54	43	55	43	57	44	57	45	56	43	56	43	57	44	57	45
3	340	46	39	47	39	48	40	49	41	47	39	48	39	48	40	49	40
4	341	42	36	43	36	44	37	44	38	43	36	43	36	44	37	44	37
5	342	40	35	41	35	41	36	42	36	40	35	41	35	42	35	42	36
6	343	45	37	46	37	47	38	48	38	46	36	46	37	47	38	47	38
7	344	47	35	46	35	47	36	47	36	45	35	46	35	46	35	47	36
8	345	50	39	48	38	47	38	47	38	53	38	51	36	48	37	47	37
9	346	46	37	46	38	47	40	48	41	46	33	46	38	48	39	48	41
10	347	46	37	47	38	49	40	50	40	44	34	46	38	49	39	50	40
11	348	46	39	47	39	49	41	50	42	44	39	45	39	49	40	49	41
12	349	46	40	47	41	48	42	49	43	44	40	46	42	48	42	49	43
13	350	46	34	46	34	47	35	48	36	46	32	46	33	47	34	48	34
14	351	46	38	46	38	48	39	48	40	47	38	47	39	48	39	48	40
15	352	44	34	44	34	45	35	46	35	44	34	45	34	45	34	46	35
16	353	45	35	45	35	46	36	47	37	46	35	46	35	47	36	47	36
17	354	47	38	47	38	48	39	49	40	47	38	47	38	48	39	48	40
18	355	47	40	47	40	48	41	49	41	47	40	47	40	48	41	49	41
19	356	49	41	49	41	50	42	51	42	49	41	49	41	51	42	51	43
20	357	48	38	48	38	50	39	50	39	48	38	49	38	50	39	50	39
21	358	47	34	47	34	48	35	49	35	47	33	48	33	49	34	49	34
22	359	45	36	45	37	46	38	47	38	45	36	45	36	46	37	46	38
23	360	45	40	46	41	47	42	47	42	46	41	46	41	47	42	47	42
24	361	44	34	44	34	45	35	46	35	44	34	44	34	45	34	45	34
25	362	42	35	43	35	43	36	44	36	43	34	43	34	44	35	44	35
26	363	46	34	46	34	48	35	49	36	47	34	48	35	48	35	48	36
27	364	49	42	49	42	50	43	52	44	50	42	50	43	51	43	51	43
28	365	49	41	49	41	52	42	51	43	50	42	50	42	51	43	51	43
Sums		1301	1053	1308	1058	1340	1088	1360	1102	1308	1043	1319	1058	1347	1078	1353	1092
Averages		46.5	37.6	46.7	37.8	47.9	38.9	48.6	39.4	46.7	37.3	47.1	37.8	48.1	38.5	48.3	39.0

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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	62	0		0
2	339	58	0		0
3	340	40	0		0
4	341	25	0		0
5	342	15	10		0
6	343	29	0		0
7	344	33	0		0
8	345	25	0		0
9	346	41	0		0
10	347	46	0		0
11	348	43	0		0
12	349	42	0		0
13	350	38	0		0
14	351	39	0		0
15	352	33	0		0
16	353	32	0		0
17	354	44	0		0
18	355	45	0		0
19	356	49	0		0
20	357	50	0		0
21	358	37	0		0
22	359	33	0		0
23	360	39	0		0
24	361	34	0		0
25	362	31	0		0
26	363	45	0		0
27	364	52	0		0
28	365	53	0		0
Sums for month		1113	10		0
5130	Accumulated heating degree days since July 1				
12	Accumulated growing degree days since Jan. 1				
648	Accumulated cooling degree days since Apr. 1				