

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 2020

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	31	26	28	96	62	79	0	0	0	0	0	0	
2	339	32	26	29	96	64	80	0	0	0	2	4	0	
3	340	36	30	33	99	59	79	0	0	0	10	2	0	
4	341	44	29	36	95	55	75	0	0	0	0	0	0	
5	342	37	25	31	95	51	73	0	0	0	0	0	0	
6	343	28	22	25	97	50	73	0	0	0	37	35	0	
7	344	30	24	27	100	96	98	0	0	0	42	8	0	
8	345	24	15	19	97	69	83	0	0	0	20	20	0	
9	346	19	4	11	85	74	79	0	0	0	10	4	0	
10	347	35	1	18	98	62	80	0	0	0	1	10	0	
11	348	40	30	35	96	69	82	0	0	0	0	0	0	
12	349	35	25	30	94	55	74	0	0	0	0	0	0	
13	350	37	25	31	99	41	70	0	0	0	27	22	0	
14	351	32	4	18	99	64	81	0	0	0	2	2	0	
15	352	10	0	5	75	47	61	0	0	0	0	0	0	
16	353	30	3	16	64	37	50	0	0	0	0	0	0	
17	354	38	23	30	80	55	67	0	0	0	1	1	0	
18	355	33	22	27	100	47	73	0	0	0	3	10	0	
19	356	42	30	36	100	53	76	0	0	0	2	0	0	
20	357	30	17	23	93	51	72	0	0	0	1	3	0	
21	358	22	11	16	81	46	63	0	0	0	0	2	0	
22	359	32	13	22	59	27	43	0	0	0	0	0	0	
23	360	41	25	33	56	37	46	0	0	0	0	0	0	
24	361	45	25	35	49	27	38	0	0	0	0	0	0	
25	362	54	33	43	96	30	63	0	0	0	1	0	0	
26	363	36	31	33	97	76	86	0	0	0	12	1	0	
27	364	41	25	33	100	85	92	0	0	0	37	2	0	
28	365	27	20	23	88	48	68	0	0	0	0	0	0	
29	366	26	13	19	84	46	65	0	0	0	1	8	0	
Sums		967	577	765	2568	1583	2069	0	0	0	209	134	0	
Average		33.3	19.9	26.4	88.6	54.6	71.3	0.000	0.0	0.0	0.07	0.5	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	338	44	40	44	40	45	41	46	41	44	40	45	40	46	41	46	41
2	339	42	39	42	39	43	40	43	41	42	39	42	39	43	40	43	40
3	340	43	37	44	37	45	38	45	38	44	37	44	37	45	37	46	38
4	341	42	37	42	37	43	38	44	39	42	36	42	37	43	38	44	38
5	342	42	38	43	38	44	39	45	39	42	38	43	38	44	39	45	39
6	343	42	40	43	40	44	41	45	41	43	40	43	40	44	41	45	41
7	344	43	40	43	40	44	41	45	41	43	39	43	40	44	40	45	41
8	345	45	39	45	40	46	40	47	41	45	39	46	40	47	40	47	41
9	346	45	38	45	38	46	39	47	40	45	38	45	38	46	39	47	39
10	347	39	34	39	41	40	35	41	35	39	34	39	34	40	34	40	35
11	348	42	36	42	36	43	37	43	38	42	36	42	36	43	37	43	37
12	349	44	38	44	38	45	39	46	40	43	38	45	38	45	39	46	39
13	350	42	35	42	35	43	36	44	36	42	35	42	35	43	35	43	36
14	351	44	39	45	40	46	40	41	46	45	39	45	40	46	40	46	41
15	352	49	39	50	39	51	41	52	41	51	40	51	40	52	41	52	41
16	353	39	33	39	33	41	35	41	35	40	33	40	33	41	34	41	34
17	354	39	33	39	34	41	39	41	35	40	33	40	33	40	33	46	35
18	355	42	34	42	34	43	35	44	35	43	34	43	34	43	34	44	35
19	356	43	34	44	34	45	35	45	35	44	34	46	34	45	35	46	35
20	357	47	37	47	38	48	38	49	39	48	37	48	38	49	38	49	39
21	358	47	39	47	39	49	40	49	41	48	39	48	40	49	41	50	41
22	359	46	37	46	38	47	39	48	39	46	38	47	38	48	39	48	39
23	360	43	36	43	36	44	37	45	38	44	36	44	37	45	37	46	38
24	361	37	34	37	35	38	36	38	36	37	34	37	35	38	36	38	36
25	362	41	36	41	36	42	36	43	37	41	36	41	36	42	37	42	37
26	363	41	39	41	39	42	40	43	40	41	39	41	39	42	39	42	40
27	364	43	35	44	35	44	36	45	36	43	35	44	35	45	36	45	36
28	365	44	36	44	36	45	37	46	37	44	36	45	36	46	37	47	37
29	366	45	37	46	38	47	39	48	39	46	37	47	38	48	39	48	39
Sums		1245	1069	1253	1083	1284	1107	1299	1119	1257	1069	1268	1088	1292	1096	1310	1108
Averages		42.9	36.9	43.2	37.3	44.3	38.2	44.8	38.6	43.3	36.9	43.7	37.5	44.6	37.8	45.2	38.2

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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	37	0		0
2	339	36	0		0
3	340	32	0		0
4	341	29	0		0
5	342	34	0		0
6	343	40	0		0
7	344	38	0		0
8	345	46	0		0
9	346	54	0		0
10	347	47	0		0
11	348	30	0		0
12	349	35	0		0
13	350	34	0		0
14	351	47	0		0
15	352	60	0		0
16	353	49	0		0
17	354	35	0		0
18	355	38	0		0
19	356	29	0		0
20	357	42	0		0
21	358	49	0		0
22	359	43	0		0
23	360	32	0		0
24	361	30	0		0
25	362	22	3		0
26	363	32	0		0
27	364	32	0		0
28	365	42	0		0
29	366	46	0		0
Sums for month		1120	3		0
4895	Accumulated heating degree days since July 1				
10	Accumulated growing degree days since Jan. 1				
406	Accumulated cooling degree days since Apr. 1				