

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 March 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	1	20	8	14	86	48	67	3	205	0	0	0	0	
2	2	33	17	25	76	49	62	6	341	0	0	0	0	
3	3	37	24	30	94	51	72	4	166	0	0	1	0	
4	4	30	20	25	94	45	69	4	278	0	9	20	0	
5	5	22	4	13	86	43	64	4	316	0	1	2	0	
6	6	20	8	14	68	37	52	4	333	0	0	0	0	
7	7	17	2	9	80	31	55	3	367	0	0	1	0	
8	8	23	3	13	82	38	60	4	343	0	0	0	0	
9	9	31	6	18	73	34	53	5	362	0	0	0	0	
10	10	39	17	28	86	34	60	9	394	0	12	0	0	
11	11	41	34	37	97	51	74	7	106	0	6	0	0	
12	12	37	27	32	81	49	65	7	246	0	0	0	0	
13	13	35	23	29	74	44	59	6	269	0	0	0	0	
14	14	43	23	33	67	41	54	12	154	0	0	0	0	
15	15	59	38	48	72	37	54	19	262	0	0	0	0	
16	16	55	29	42	94	45	69	11	186	0	0	0	0	
17	17	31	22	26	96	40	68	6	265	0	0	5	0	
18	18	34	21	27	88	36	62	7	327	0	1	3	0	
19	19	37	24	30	95	38	66	5	278	0	3	5	0	
20	20	41	26	33	90	38	64	6	334	0	0	0	0	
21	21	52	28	40	84	23	53	16	414	0	7	0	0	
22	22	48	35	41	98	57	77	5	150	0	11	0	0	
23	23	40	21	30	95	53	74	4	161	0	2	3	0	
24	24	36	21	28	67	30	48	9	486	0	0	0	0	
25	25	49	28	38	81	29	55	14	241	0	0	0	0	
26	26	38	22	30	67	15	41	10	489	0	0	0	0	
27	27	36	20	28	69	20	44	9	495	0	0	0	0	
28	28	48	21	34	52	16	34	16	467	0	0	0	0	
29	29	55	36	45	91	28	59	20	170	0	0	0	0	
30	30	50	37	43	92	34	63	9	205	0	0	0	0	
31	31	68	32	50	99	40	69	10	105	0	2	0	0	
Sums		1205	677	933	2574	1174	1866	254	8915	0	54	40	0	
Average		38.9	21.8	30.1	83.0	37.9	60.2	0.008	287.6	0.0	0.02	0.1	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	1	47	40	47	41	49	42	49	42	48	41	48	41	49	44	49	42
2	2	45	38	45	38	47	39	47	40	46	38	46	39	47	39	47	40
3	3	45	39	46	39	47	40	47	40	46	39	46	39	47	40	48	40
4	4	47	39	47	39	48	40	48	40	47	39	47	39	48	40	48	40
5	5	52	37	52	37	53	38	54	38	52	37	53	37	54	38	54	38
6	6	51	39	51	39	52	40	53	41	51	39	52	40	52	41	53	41
7	7	51	36	51	37	52	38	53	38	52	37	52	37	52	38	52	38
8	8	52	37	53	38	54	39	55	39	53	38	54	38	55	39	55	39
9	9	50	39	51	39	52	40	52	41	51	39	51	39	52	40	52	40
10	10	47	32	47	33	49	33	49	34	48	32	48	32	39	33	49	33
11	11	44	34	44	35	45	36	46	36	45	34	45	35	46	35	46	35
12	12	43	35	44	35	44	36	45	36	44	35	45	35	45	36	45	36
13	13	44	37	44	37	45	38	46	38	45	37	45	38	45	38	46	38
14	14	39	34	39	34	40	35	41	36	39	34	39	35	40	35	40	35
15	15	47	34	46	35	44	35	43	35	51	34	50	35	47	35	45	36
16	16	51	39	49	40	48	41	48	42	57	37	54	38	50	40	48	42
17	17	47	38	48	39	50	40	50	40	48	37	48	37	49	39	50	40
18	18	48	40	49	40	49	41	50	41	50	39	49	40	49	41	50	41
19	19	47	41	48	42	49	41	50	41	49	41	48	41	49	41	50	41
20	20	50	38	48	38	47	40	47	41	55	37	50	38	48	39	47	40
21	21	52	37	49	38	45	39	44	40	59	37	54	37	48	39	44	39
22	22	50	42	50	41	51	40	51	40	50	42	51	41	51	41	51	40
23	23	49	39	48	40	48	42	48	42	51	38	50	39	49	41	48	42
24	24	45	38	46	39	47	39	48	40	44	36	45	37	46	38	47	39
25	25	47	40	47	41	48	41	49	42	50	38	49	40	48	41	48	41
26	26	53	42	50	43	52	42	52	42	57	41	54	42	51	43	52	43
27	27	51	41	49	42	51	41	52	42	52	39	51	40	51	42	52	42
28	28	47	36	44	37	45	38	46	39	50	35	47	36	45	38	45	38
29	29	49	37	48	38	49	39	48	39	50	36	50	37	49	38	49	39
30	30	53	44	50	43	50	44	49	44	48	44	54	44	51	44	49	43
31	31	52	43	51	43	51	43	51	43	55	42	53	43	52	43	52	42
Sums		1495	1185	1481	1200	1501	1220	1511	1232	1543	1172	1528	1189	1504	1219	1511	1223
Averages		48.2	38.2	47.8	38.7	48.4	39.4	48.7	39.7	49.8	37.8	49.3	38.4	48.5	39.3	48.7	39.5

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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	1	51	0		0
2	2	40	0		0
3	3	35	0		0
4	4	40	0		0
5	5	52	0		0
6	6	51	0		0
7	7	56	0		0
8	8	52	0		0
9	9	47	0		0
10	10	37	0		0
11	11	28	0		0
12	12	33	0		0
13	13	36	0		0
14	14	32	0		0
15	15	17	8		0
16	16	23	2		0
17	17	39	0		0
18	18	38	0		0
19	19	35	0		0
20	20	32	0		0
21	21	25	0		0
22	22	24	1		0
23	23	35	0		0
24	24	37	0		0
25	25	27	0		0
26	26	35	0		0
27	27	37	0		0
28	28	31	0		0
29	29	20	5		0
30	30	22	3		0
31	31	15	10		0
Sums for month		1082	29		0

6212 Accumulated heating degree days since July 1

41 Accumulated growing degree days since Jan. 1

648 Accumulated cooling degree days since Apr. 1