

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 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	338	30	8	19	89	48	68	5	114	0	3	20	0	0
2	339	46	14	30	79	42	60	7	201	0	0	0	0	0
3	340	15	8	11	83	46	64	3	213	0	0	0	0	0
4	341	31	15	23	76	35	55	8	205	0	0	0	0	0
5	342	34	12	23	95	55	75	4	68	0	0	0	0	0
6	343	21	12	16	83	43	63	4	222	0	3	10	0	0
7	344	25	13	19	82	43	62	5	202	0	0	0	0	0
8	345	24	14	19	94	68	81	2	69	0	26	42	0	0
9	346	24	9	16	80	38	59	4	224	0	0	0	0	0
10	347	32	14	23	95	56	75	4	126	0	0	0	0	0
11	348	33	14	23	97	75	86	2	86	0	0	0	0	0
12	349	44	14	29	95	62	78	4	140	0	3	0	0	0
13	350	29	14	21	84	46	65	5	262	0	0	0	0	0
14	351	35	14	24	84	42	63	7	240	0	0	0	0	0
15	352	48	33	40	92	48	70	8	231	0	0	0	0	0
16	353	57	38	47	97	51	74	8	189	0	18	0	0	0
17	354	38	19	28	95	45	70	5	119	0	0	0	0	0
18	355	32	20	26	95	43	69	5	157	0	4	15	0	0
19	356	36	27	31	74	45	59	7	180	0	0	0	0	0
20	357	48	36	42	94	60	77	5	85	0	22	0	0	0
21	358	67	48	57	81	58	69	17	89	0	0	0	0	0
22	359	68	30	49	94	53	73	8	71	0	0	0	0	0
23	360	33	30	31	97	77	87	1	39	0	29	12	29	0
24	361	47	33	40	93	64	78	4	68	0	0	0	0	0
25	362	42	33	37	98	59	78	6	92	0	40	0	0	0
26	363	51	35	43	93	52	72	9	130	0	2	0	0	0
27	364	45	29	37	64	29	46	13	343	0	0	0	0	0
28	365	54	33	43	58	26	42	18	335	0	0	0	0	0
Sums		1089	619	847	2441	1409	1918	178	4500	0	150	99	29	0
Average		38.9	22.1	30.3	87.2	50.3	68.5	0.006	160.7	0.0	0.05	0.4	1.0	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	49	38	49	38	50	39	51	40	49	37	49	38	50	39	51	39
2	339	53	40	54	41	55	42	56	43	54	40	54	41	55	42	56	42
3	340	52	33	53	33	54	35	55	35	53	33	54	33	55	34	55	34
4	341	47	34	47	34	48	35	49	36	47	33	48	34	49	35	49	35
5	342	48	40	48	40	50	41	50	42	49	40	49	41	50	41	51	42
6	343	51	38	51	39	52	40	53	41	51	39	52	39	53	40	54	40
7	344	49	38	50	38	51	39	52	40	50	38	50	38	51	39	52	39
8	345	51	40	51	41	53	42	53	42	52	41	52	41	53	42	53	42
9	346	45	34	45	34	46	36	47	36	45	34	46	34	46	35	47	35
10	347	47	41	47	41	48	43	49	43	47	41	48	42	48	43	49	43
11	348	46	36	46	36	47	37	48	37	46	35	47	36	48	36	48	37
12	349	49	37	49	37	50	38	50	38	49	37	49	37	50	38	50	38
13	350	47	36	49	35	50	36	50	37	49	35	49	35	50	36	50	36
14	351	43	38	43	38	44	39	44	39	43	38	43	38	44	38	44	38
15	352	47	38	47	38	47	37	47	37	49	37	49	38	48	38	48	37
16	353	48	41	49	40	51	41	51	41	49	39	49	41	50	42	51	41
17	354	48	35	48	35	49	36	50	37	48	34	48	35	49	36	50	36
18	355	45	34	46	35	47	36	48	36	45	34	46	34	47	35	48	36
19	356	42	35	41	35	40	36	40	37	45	34	44	35	42	36	46	36
20	357	50	42	47	41	46	40	45	40	56	45	54	44	50	42	46	40
21	358	51	46	51	46	53	44	53	43	57	48	55	45	53	47	53	45
22	359	49	39	50	39	51	40	51	40	48	38	48	37	49	39	50	39
23	360	52	38	51	38	51	39	51	39	53	37	53	37	52	38	52	38
24	361	50	40	50	40	51	40	51	40	52	40	51	39	51	40	51	40
25	362	51	41	52	40	52	41	51	41	54	41	53	40	54	40	52	40
26	363	50	44	50	45	51	43	52	43	54	42	53	43	50	40	51	43
27	364	50	41	49	41	50	43	50	43	55	38	53	39	51	41	50	42
28	365	50	41	50	42	51	43	50	43	55	40	53	39	51	41	51	42
Sums		1360	1078	1363	1080	1388	1101	1397	1109	1404	1068	1399	1073	1399	1093	1408	1095
Averages		48.6	38.5	48.7	38.6	49.6	39.3	49.9	39.6	50.1	38.1	50.0	38.3	50.0	39.0	50.3	39.1

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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	46	0		0
2	339	35	0		0
3	340	54	0		0
4	341	42	0		0
5	342	42	0		0
6	343	49	0		0
7	344	46	0		0
8	345	46	0		0
9	346	49	0		0
10	347	42	0		0
11	348	42	0		0
12	349	36	0		0
13	350	44	0		0
14	351	41	0		0
15	352	25	0		0
16	353	18	7		0
17	354	37	0		0
18	355	39	0		0
19	356	34	0		0
20	357	23	2		0
21	358	8	17		0
22	359	16	9		0
23	360	34	0		0
24	361	25	0		0
25	362	28	0		0
26	363	22	3		0
27	364	28	0		0
28	365	22	3		0
Sums for month		973	41		0
4904	Accumulated heating degree days since July 1				
48	Accumulated growing degree days since Jan. 1				
405	Accumulated cooling degree days since Apr. 1				