

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 November 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	246	60	45	52	97	53	75	7	74	0	18	0	0	
2	247	46	44	45	99	87	93	1	51	0	72	0	0	
3	248	54	38	46	100	75	87	3	104	0	12	0	0	
4	249	45	31	38	93	57	75	7	115	0	10	0	0	
5	250	45	35	40	81	51	66	11	204	0	4	0	0	
6	251	52	43	47	96	65	80	8	106	0	18	0	0	
7	252	63	46	54	96	48	72	13	103	0	17	0	0	
8	253	54	37	45	73	35	54	14	221	0	0	0	0	
9	254	44	29	36	91	39	65	8	127	0	0	0	0	
10	255	41	28	34	99	46	72	4	30	0	46	0	0	
11	256	33	28	30	70	44	57	7	179	0	0	0	0	
12	257	39	27	33	81	43	62	7	166	0	0	0	0	
13	258	44	29	36	98	36	67	9	124	0	25	10	0	
14	259	39	23	31	98	58	78	4	75	0	2	2	0	
15	260	27	19	23	91	63	77	3	115	0	3	10	0	
16	261	30	23	26	98	58	78	23	64	0	103	100	0	
17	262	37	26	31	100	58	79	3	48	0	1	1	0	
18	263	38	27	32	81	57	69	6	61	0	0	0	0	
19	264	35	28	31	99	59	79	2	73	0	12	15	0	
20	265	40	29	34	96	45	70	6	177	0	0	0	0	
21	266	35	25	30	92	55	73	5	104	0	0	0	0	
22	267	34	9	21	84	50	67	4	77	0	0	0	0	
23	268	16	4	10	82	49	65	2	175	0	2	2	0	
24	269	28	10	19	61	34	47	7	132	0	0	0	0	
25	270	41	25	33	95	61	78	4	91	0	0	0	0	
26	271	44	25	34	98	64	81	5	60	0	0	0	0	
27	272	43	32	37	97	85	91	2	22	0	51	1	0	
28	273	33	28	30	99	85	92	1	67	0	10	10	0	
29	274	32	29	30	100	81	90	1	94	0	14	20	0	
30	275	33	29	31	100	68	84	4	78	0	0	0	0	
Sums		1205	851	1019	2745	1709	2223	181	3117	0	420	171	0	
Average		40.2	28.4	34.0	91.5	57.0	74.1	0.006	103.9	0.0	0.14	0.6	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	246	55	48	55	48	55	48	55	49	57	47	56	46	55	47	48	55
2	247	56	53	55	53	55	54	56	54	56	52	55	52	56	53	55	54
3	248	57	51	56	52	56	53	57	54	61	48	58	49	57	51	56	53
4	249	54	50	55	51	55	52	56	52	53	44	53	46	54	50	56	52
5	250	54	46	54	47	54	48	55	48	56	43	54	44	53	46	54	47
6	251	51	46	51	47	51	48	52	48	53	44	52	44	51	46	51	47
7	252	56	50	55	50	55	40	55	50	59	46	58	48	56	50	55	49
8	253	53	47	53	48	54	50	55	50	56	45	55	46	54	49	54	49
9	254	52	48	52	49	54	50	55	51	54	44	53	45	52	48	54	50
10	255	51	42	52	43	53	45	55	46	49	38	50	39	52	42	54	44
11	256	47	43	50	44	53	45	53	46	46	40	46	41	50	44	53	45
12	257	49	45	49	46	51	46	52	47	51	42	50	43	49	45	51	46
13	258	49	45	49	45	50	44	51	45	48	42	48	43	49	43	50	44
14	259	49	42	50	44	51	46	52	47	51	40	50	41	50	44	52	47
15	260	49	43	50	44	51	45	52	46	46	40	47	40	49	43	51	44
16	261	49	39	50	40	51	42	52	42	46	37	47	37	50	39	51	41
17	262	49	39	50	39	50	41	52	43	46	37	47	37	50	39	49	42
18	263	46	41	47	43	48	43	49	44	44	39	45	40	46	42	48	44
19	264	47	43	48	44	49	44	50	45	45	41	46	41	48	43	49	44
20	265	46	42	47	42	48	43	48	44	44	39	45	40	46	41	47	43
21	266	47	41	48	42	48	42	49	43	44	38	45	39	47	41	48	42
22	267	50	41	52	42	53	42	54	43	50	39	50	40	52	41	53	43
23	268	53	40	54	41	55	43	57	44	52	40	53	39	55	42	56	42
24	269	41	37	41	37	43	40	44	40	40	36	40	36	42	38	42	39
25	270	42	38	44	39	45	40	45	40	41	37	42	37	43	38	45	39
26	271	44	41	45	42	46	42	47	43	42	39	43	39	44	41	46	42
27	272	49	40	49	40	50	40	50	40	48	37	49	37	50	38	50	39
28	273	46	40	47	41	48	41	49	42	46	38	46	38	48	40	49	41
29	274	46	39	46	40	47	40	48	41	44	37	44	37	46	39	47	40
30	275	45	42	46	43	47	43	47	44	44	38	44	40	45	42	47	43
Sums		1482	1302	1500	1326	1526	1340	1552	1371	1472	1227	1471	1244	1499	1305	1521	1350
Averages		49.4	43.4	50.0	44.2	50.9	44.7	51.7	45.7	49.1	40.9	49.0	41.5	50.0	43.5	50.7	45.0

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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	246	13	12		0
2	247	20	5		0
3	248	19	6		0
4	249	27	0		0
5	250	25	0		0
6	251	18	7		0
7	252	11	14		0
8	253	20	5		0
9	254	29	0		0
10	255	31	0		0
11	256	35	0		0
12	257	32	0		0
13	258	29	0		0
14	259	34	0		0
15	260	42	0		0
16	261	39	0		0
17	262	34	0		0
18	263	33	0		0
19	264	34	0		0
20	265	31	0		0
21	266	35	0		0
22	267	44	0		0
23	268	55	0		0
24	269	46	0		0
25	270	32	0		0
26	271	31	0		0
27	272	28	0		0
28	273	35	0		0
29	274	35	0		0
30	275	34	0		0
Sums for month		931	49		0
1591	Accumulated heating degree days since July 1				
4550	Accumulated growing degree days since Jan. 1				
648	Accumulated cooling degree days since Apr. 1				