

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

January 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	307	53	31	42	97	62	79	5	76	0	30	0	0	0
2	308	38	22	30	82	64	73	5	33	0	2	0	0	0
3	309	37	21	29	96	68	82	4	82	0	0	0	0	0
4	310	33	28	30	77	59	68	6	29	0	0	0	0	0
5	311	49	27	38	88	38	63	9	124	0	0	0	0	0
6	312	39	29	34	95	70	82	4	68	0	0	0	0	0
7	313	35	14	24	98	50	74	5	80	0	1	0	0	0
8	314	34	14	24	77	40	58	6	56	0	3	0	0	0
9	315	41	33	37	97	71	84	4	57	0	35	0	0	0
10	316	34	21	27	93	60	76	4	71	0	5	15	0	0
11	317	23	10	16	91	62	76	3	131	0	0	0	0	0
12	318	17	8	12	69	49	59	4	136	0	0	0	0	0
13	319	21	6	13	73	47	60	4	129	0	0	0	0	0
14	320	19	5	12	84	44	64	3	186	0	0	0	0	0
15	321	25	12	18	85	52	68	3	185	0	0	0	0	0
16	322	30	25	27	74	59	66	5	63	0	0	0	0	0
17	323	34	7	20	79	47	63	4	88	0	0	0	0	0
18	324	27	9	18	94	47	70	4	113	0	3	5	0	0
19	325	32	13	22	93	57	75	4	69	0	0	1	0	0
20	326	16	11	13	89	77	83	1	67	0	86	90	0	0
21	327	11	-7	2	84	76	80	1	136	0	40	40	0	0
22	328	10	-7	1	80	65	72	2	192	0	0	0	0	0
23	329	27	5	16	74	40	57	5	174	0	0	0	0	0
24	330	43	27	35	97	49	73	6	81	0	9	0	0	0
25	331	37	24	30	97	53	75	4	39	0	7	0	0	0
26	332	25	6	15	93	44	68	4	133	0	0	0	0	0
27	333	27	6	16	77	40	58	4	207	0	0	0	0	0
28	334	29	5	17	96	42	69	4	183	0	2	10	0	0
29	335	26	3	14	76	46	61	4	214	0	0	0	0	0
30	336	28	-1	13	93	38	65	4	48	0	2	10	0	0
31	337	11	-4	3	77	25	51	3	179	0	0	0	0	0
Sums		911	403	648	2675	1641	2152	128	3429	0	225	171	0	0
Average		29.4	13.0	20.9	86.3	52.9	69.4	0.004	110.6	0.0	0.07	0.6	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	307	48	37	47	37	47	38	47	38	51	36	50	36	48	37	48	37
2	308	47	41	47	41	49	41	50	41	46	41	47	41	49	42	50	41
3	309	48	39	48	39	49	41	50	41	47	38	48	38	49	40	50	40
4	310	46	38	47	38	48	40	49	41	45	38	46	38	47	39	48	40
5	311	45	38	46	39	48	40	48	40	45	37	46	38	47	39	48	40
6	312	47	40	47	39	48	40	49	40	46	39	47	40	48	40	49	40
7	313	48	39	49	39	51	40	52	40	47	39	49	39	50	40	51	40
8	314	47	33	47	34	49	36	50	36	44	31	47	33	48	34	50	35
9	315	43	36	43	36	45	38	46	38	43	35	44	36	44	37	45	37
10	316	43	37	44	37	46	38	45	39	44	37	44	37	45	38	46	39
11	317	47	35	48	36	49	37	50	38	48	35	48	36	49	37	50	37
12	318	52	41	52	41	54	42	54	43	52	41	53	41	54	42	54	43
13	319	52	44	52	44	53	45	54	46	52	44	53	44	54	45	54	46
14	320	52	41	52	41	53	43	54	43	52	41	52	42	53	43	54	43
15	321	50	41	50	41	52	43	53	43	51	41	52	42	52	43	53	43
16	322	48	38	48	38	50	40	50	40	49	39	49	38	50	49	50	39
17	323	51	38	51	39	53	40	54	40	52	38	53	39	54	39	54	40
18	324	50	36	50	36	52	38	52	39	50	37	51	37	52	38	52	38
19	325	48	38	49	38	50	40	51	40	49	39	50	39	51	40	51	40
20	326	50	45	51	45	52	47	53	47	51	46	52	46	53	47	53	47
21	327	49	38	49	39	51	40	52	40	50	38	51	39	51	40	52	40
22	328	51	37	51	38	52	38	53	39	52	37	52	37	53	38	53	39
23	329	51	35	51	35	52	36	53	36	51	35	52	35	52	36	53	35
24	330	44	36	44	35	45	37	46	37	44	35	44	35	45	36	46	36
25	331	49	38	49	38	50	39	51	40	49	38	49	38	50	39	51	40
26	332	50	41	50	41	51	42	52	42	50	40	50	41	51	42	51	42
27	333	51	36	51	35	52	37	53	37	52	36	52	35	53	36	54	36
28	334	53	36	53	36	55	37	55	37	54	36	54	36	55	37	55	37
29	335	53	35	53	34	55	36	55	36	54	34	54	34	55	35	55	35
30	336	53	35	53	35	55	36	55	37	54	35	54	35	55	36	55	36
31	337	54	36	54	36	55	37	55	38	54	36	54	36	55	37	55	37
Sums		1520	1178	1526	1180	1571	1222	1591	1232	1528	1172	1547	1181	1572	1221	1590	1218
Averages		49.0	38.0	49.2	38.1	50.7	39.4	51.3	39.7	49.3	37.8	49.9	38.1	50.7	39.4	51.3	39.3

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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	307	23	2		0
2	308	35	0		0
3	309	36	0		0
4	310	35	0		0
5	311	27	0		0
6	312	31	0		0
7	313	41	0		0
8	314	41	0		0
9	315	28	0		0
10	316	38	0		0
11	317	49	0		0
12	318	53	0		0
13	319	52	0		0
14	320	53	0		0
15	321	47	0		0
16	322	38	0		0
17	323	45	0		0
18	324	47	0		0
19	325	43	0		0
20	326	52	0		0
21	327	63	0		0
22	328	64	0		0
23	329	49	0		0
24	330	30	0		0
25	331	35	0		0
26	332	50	0		0
27	333	49	0		0
28	334	48	0		0
29	335	51	0		0
30	336	52	0		0
31	337	62	0		0
Sums for month		1367	2		0

4017 Accumulated heating degree days since July 1

2 Accumulated growing degree days since Jan. 1

648 Accumulated cooling degree days since Apr. 1