

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 December 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	276	33	29	31	96	72	84	2	59	0	0	0	0	0
2	277	43	31	37	97	72	84	3	64	0	60	0	0	0
3	278	53	41	47	94	59	76	6	111	0	4	0	0	0
4	279	42	25	33	98	61	79	3	48	0	13	15	0	0
5	280	26	14	20	93	61	77	3	100	0	0	0	0	0
6	281	30	16	23	84	60	72	4	132	0	1	5	0	0
7	282	36	23	29	96	49	72	5	127	0	4	10	0	0
8	283	26	15	20	92	49	70	4	159	0	2	10	0	0
9	284	29	14	21	89	45	67	5	123	0	0	0	0	0
10	285	34	14	24	81	43	62	6	163	0	0	0	0	0
11	286	31	27	29	79	60	69	5	57	0	0	0	0	0
12	287	30	26	28	84	56	70	5	52	0	1	2	0	0
13	288	32	26	29	95	62	78	4	67	0	1	2	0	0
14	289	37	30	33	80	62	71	5	122	0	0	0	0	0
15	290	46	35	40	95	59	77	7	57	0	0	0	0	0
16	291	38	31	34	94	72	83	4	51	0	0	0	0	0
17	292	35	30	32	99	77	88	1	30	0	13	0	0	0
18	293	36	23	29	97	54	75	5	35	0	0	0	0	0
19	294	25	17	21	84	52	68	4	96	0	0	0	0	0
20	295	40	20	30	78	47	62	8	153	0	0	0	0	0
21	296	53	31	42	100	52	76	7	97	0	65	0	0	0
22	297	63	28	45	99	64	81	3	113	0	95	10	0	0
23	298	30	28	29	92	63	77	4	44	0	0	0	0	0
24	299	34	28	31	93	67	80	4	50	0	0	0	0	0
25	300	35	27	31	96	60	78	4	62	0	2	2	0	0
26	301	32	25	28	93	48	70	5	141	0	0	0	0	0
27	302	34	21	27	81	56	68	6	89	0	0	0	0	0
28	303	45	20	32	86	60	73	6	122	0	2	0	0	0
29	304	50	35	42	93	60	76	7	25	0	0	0	0	0
30	305	35	22	28	94	63	78	4	34	0	2	8	0	0
31	306	35	27	31	93	53	73	5	49	0	0	0	0	0
Sums		1148	779	956	2825	1818	2314	144	2632	0	265	64	0	0
Average		37.0	25.1	30.8	91.1	58.6	74.6	0.005	84.9	0.0	0.09	0.2	0.0	0.000

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 December 2018

		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	276	46	43	47	43	47	44	48	44	45	41	45	41	46	42	47	43
2	277	45	38	46	39	46	40	47	40	43	38	44	38	45	40	50	39
3	278	50	42	50	41	50	41	50	41	52	43	51	42	50	41	50	40
4	279	49	45	49	45	50	45	51	46	49	43	50	43	50	45	51	46
5	280	50	46	51	46	52	47	53	48	47	43	48	43	50	45	52	47
6	281	49	44	50	44	50	45	51	45	46	40	46	40	48	42	50	44
7	282	49	42	49	42	50	43	50	43	46	39	47	39	48	40	50	42
8	283	49	42	49	43	50	43	50	44	46	40	47	40	48	42	50	43
9	284	50	42	51	43	51	43	52	44	49	40	49	41	51	42	52	43
10	285	49	42	50	42	50	43	51	43	47	40	48	40	49	41	50	43
11	286	47	42	48	43	48	44	49	44	45	41	46	41	47	42	48	43
12	287	49	43	49	44	50	44	51	45	47	42	48	42	49	43	50	44
13	288	47	38	47	38	48	39	48	39	45	36	45	36	47	37	48	38
14	289	43	38	43	38	44	39	44	39	41	36	41	36	43	38	43	38
15	290	46	39	46	39	47	40	47	40	45	37	45	37	47	38	47	39
16	291	48	45	48	45	49	45	49	46	49	43	49	44	49	45	49	45
17	292	48	44	48	45	49	46	50	46	48	42	47	43	48	45	49	46
18	293	45	38	46	40	48	41	49	41	46	37	46	38	48	40	49	41
19	294	46	41	47	42	49	44	50	45	45	38	47	40	48	43	50	43
20	295	43	36	43	36	45	38	46	39	45	39	42	35	44	37	45	38
21	296	45	35	45	35	44	36	44	37	47	34	46	34	45	35	44	36
22	297	52	37	50	38	50	39	50	39	58	33	55	34	51	37	50	38
23	298	48	41	49	42	50	43	51	43	46	39	47	39	49	41	51	43
24	299	47	44	48	44	48	45	49	46	45	42	46	42	47	44	48	45
25	300	47	41	47	41	48	42	49	43	46	39	47	40	48	41	49	42
26	301	48	41	48	42	49	42	50	43	47	41	47	41	48	42	49	42
27	302	48	43	49	43	50	43	50	44	47	41	47	42	49	43	50	44
28	303	47	36	48	36	49	37	50	37	46	35	47	35	48	36	50	36
29	304	50	40	50	40	50	39	50	39	52	41	51	41	51	40	50	39
30	305	48	41	48	42	50	44	51	44	47	40	48	41	49	53	51	44
31	306	46	41	47	41	47	43	48	44	45	40	45	41	47	42	48	43
Sums		1474	1270	1486	1282	1508	1307	1528	1321	1452	1223	1457	1229	1487	1282	1520	1297
Averages		47.5	41.0	47.9	41.4	48.6	42.2	49.3	42.6	46.8	39.5	47.0	39.6	48.0	41.4	49.0	41.8

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 December 2018

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	276	34	0		0
2	277	28	0		0
3	278	18	7		0
4	279	32	0		0
5	280	45	0		0
6	281	42	0		0
7	282	36	0		0
8	283	45	0		0
9	284	44	0		0
10	285	41	0		0
11	286	36	0		0
12	287	37	0		0
13	288	36	0		0
14	289	32	0		0
15	290	25	0		0
16	291	31	0		0
17	292	33	0		0
18	293	36	0		0
19	294	44	0		0
20	295	35	0		0
21	296	23	2		0
22	297	20	5		0
23	298	36	0		0
24	299	34	0		0
25	300	34	0		0
26	301	37	0		0
27	302	38	0		0
28	303	33	0		0
29	304	23	2		0
30	305	37	0		0
31	306	34	0		0
Sums for month		1059	16		0

2650 Accumulated heating degree days since July 1  
 4566 Accumulated growing degree days since Jan. 1  
 648 Accumulated cooling degree days since Apr. 1