

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

October 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	215	56	48	52	98	91	94	2	49	0	0	0	59	122
2	216	58	50	54	98	75	86	3	109	0	10	0	67	118
3	217	72	52	62	96	66	81	5	180	0	110	0	65	30
4	218	64	52	58	97	43	70	12	163	0	0	0	78	92
5	219	71	42	56	92	44	68	12	330	0	40	0	94	216
6	220	60	42	51	98	73	85	7	183	0	1	0	49	126
7	221	74	57	65	98	91	94	2	73	0	39	0	63	46
8	222	60	50	55	97	61	79	13	263	0	0	0	59	68
9	223	78	51	64	92	52	72	25	302	0	0	0	96	60
10	224	82	62	72	94	49	71	22	269	0	0	0	88	223
11	225	80	65	72	96	54	75	15	124	0	7	0	100	232
12	226	72	44	58	92	52	72	10	143	0	14	0	129	93
13	227	48	40	44	92	43	67	8	235	0	13	0	118	116
14	228	51	38	44	94	45	69	11	283	0	0	0	64	56
15	229	57	40	48	90	43	66	13	87	0	5	0	83	78
16	230	62	37	49	81	44	62	14	219	0	2	0	155	136
17	231	51	39	45	98	57	77	6	189	0	0	0	81	86
18	232	49	29	39	84	39	61	8	248	0	16	0	136	26
19	233	42	30	36	79	28	53	21	238	0	5	0	65	121
20	234	63	37	50	92	47	69	10	175	0	2	0	92	90
21	235	55	34	44	70	44	57	10	157	0	9	0	0	119
22	236	40	34	37	85	39	62	11	136	0	2	0	0	90
23	237	52	37	44	94	57	75	7	107	0	5	0	0	94
24	238	49	36	42	94	64	79	6	54	0	23	0	0	75
25	239	40	34	37	80	47	63	8	161	0	8	0	0	45
26	240	42	31	36	93	56	74	7	104	0	0	0	0	60
27	241	43	35	39	98	90	94	1	32	0	14	0	0	63
28	242	38	34	36	97	82	89	2	69	0	122	0	0	164
29	243	42	36	39	90	60	75	6	101	0	18	0	0	38
30	244	44	34	39	84	27	55	10	260	0	3	0	0	57
31	245	51	34	42	97	53	75	21	74	0	2	0	0	98
Sums		1746	1284	1509	2840	1716	2269	308	5117	0	470	0	1741	3038
Average		56.3	41.4	48.7	91.6	55.4	73.2	0.010	165.1	0.0	0.15	0.0	56.2	0.098

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 October 2018

		Soil Temperature F															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	215	62	58	62	59	62	60	63	61	62	55	62	55	61	57	62	59
2	216	61	59	61	59	61	60	62	60	59	56	59	57	60	58	61	59
3	217	67	60	66	60	65	60	65	61	72	58	70	58	67	59	65	60
4	218	67	61	66	61	65	62	65	62	70	59	68	59	67	60	65	61
5	219	69	57	69	58	68	59	68	60	72	50	71	51	70	55	68	58
6	220	66	57	65	58	68	58	64	60	72	51	69	52	66	55	64	58
7	221	69	60	67	61	67	60	66	61	75	60	73	60	69	59	66	60
8	222	65	60	65	61	65	61	65	62	64	57	65	58	65	59	65	61
9	223	70	60	69	61	68	61	67	61	77	59	74	59	71	59	67	60
10	224	74	66	73	66	72	65	70	65	81	64	79	65	76	66	72	65
11	225	73	67	72	67	72	67	71	67	80	67	78	66	75	66	71	66
12	226	71	57	70	59	69	60	69	62	74	51	72	53	1	57	69	60
13	227	59	53	61	55	61	56	62	57	56	47	56	49	59	52	61	55
14	228	60	52	60	54	60	54	60	56	60	45	59	47	59	50	60	54
15	229	60	52	61	53	61	54	61	55	64	47	62	48	61	50	61	54
16	230	59	48	59	50	58	51	58	53	60	40	59	43	58	47	58	51
17	231	56	49	57	51	57	52	57	53	57	43	56	45	56	48	56	51
18	232	54	44	56	47	56	47	58	49	54	36	54	38	54	42	57	47
19	233	56	50	57	51	57	52	59	54	55	43	54	45	55	48	58	52
20	234	58	50	57	51	56	52	57	53	53	46	60	46	57	48	57	52
21	235	57	51	57	53	58	54	59	54	60	45	58	47	57	51	58	54
22	236	54	49	56	51	56	52	58	53	53	44	52	46	53	49	56	51
23	237	55	49	55	50	55	50	55	51	58	45	56	46	54	48	56	50
24	238	56	49	56	50	55	51	56	52	57	44	56	46	55	48	57	51
25	239	52	49	54	50	54	41	55	42	50	45	51	46	52	49	54	51
26	240	53	49	53	50	54	50	55	52	52	45	52	46	52	48	54	51
27	241	52	50	53	51	53	51	54	51	52	47	52	48	52	49	54	50
28	242	52	48	53	50	53	50	54	51	49	46	50	47	52	49	53	51
29	243	53	50	54	51	54	51	55	52	53	48	53	48	53	50	54	51
30	244	53	49	54	50	54	50	55	51	53	45	53	46	54	49	54	50
31	245	54	47	53	47	54	48	55	48	56	45	54	45	53	46	54	47
Sums		1867	1660	1871	1695	1868	1699	1878	1729	1910	1533	1887	1565	1794	1631	1867	1700
Averages		60.2	53.5	60.4	54.7	60.3	54.8	60.6	55.8	61.6	49.5	60.9	50.5	57.9	52.6	60.2	54.8

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 October 2018

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	215	13	12		0
2	216	11	14		0
3	217	3	22		0
4	218	7	18		0
5	219	9	16		0
6	220	14	11		0
7	221	0	25		0
8	222	10	15		0
9	223	1	24		0
10	224	0	32		7
11	225	0	32		7
12	226	7	18		0
13	227	21	4		0
14	228	21	4		0
15	229	17	8		0
16	230	16	9		0
17	231	20	5		0
18	232	26	0		0
19	233	29	0		0
20	234	15	10		0
21	235	21	4		0
22	236	28	0		0
23	237	21	4		0
24	238	23	2		0
25	239	28	0		0
26	240	29	0		0
27	241	26	0		0
28	242	29	0		0
29	243	26	0		0
30	244	26	0		0
31	245	23	2		0
Sums for month		520	291		14

660 Accumulated heating degree days since July 1
 4501 Accumulated growing degree days since Jan. 1
 648 Accumulated cooling degree days since Apr. 1