

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 August 2017

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	154	83	62	72	95	45	70	26	593	0	0	0	60	251
2	155	83	62	72	94	46	70	23	531	0	3	0	33	230
3	156	84	60	72	95	37	66	26	540	0	99	0	43	391
4	157	83	65	74	92	34	63	25	565	0	1	0	56	239
5	158	86	61	73	94	46	70	21	437	0	59	0	87	335
6	159	69	54	61	79	52	65	21	393	0	1	0	108	214
7	160	75	55	65	92	38	65	24	546	0	0	0	55	210
8	161	74	58	66	96	48	72	14	425	0	9	0	68	235
9	162	73	59	66	84	37	60	24	484	0	1	0	73	173
10	163	79	58	68	93	43	68	22	492	0	0	0	43	185
11	164	80	58	69	78	36	57	31	472	0	0	0	55	232
12	165	76	62	69	94	53	73	17	230	0	0	0	48	84
13	166	79	61	70	93	48	70	27	420	0	0	0	82	147
14	167	76	57	66	90	37	63	22	508	0	0	0	49	203
15	168	79	59	69	92	44	68	25	557	0	0	0	70	242
16	169	80	62	71	96	48	72	13	329	0	56	0	49	159
17	170	74	53	63	95	55	75	14	533	0	3	0	51	232
18	171	78	55	66	95	52	73	22	433	0	20	0	60	172
19	172	85	64	74	84	44	64	31	444	0	1	0	70	359
20	173	76	59	67	89	47	68	23	424	0	4	0	80	88
21	174	80	59	69	90	46	68	24	482	0	0	0	52	186
22	175	83	63	73	94	49	71	22	424	0	0	0	41	141
23	176	86	57	71	93	49	71	18	285	0	67	0	99	222
24	177	73	54	63	80	39	59	22	477	0	2	0	90	200
25	178	66	53	59	92	57	74	14	333	0	0	0	83	212
26	179	67	48	57	90	44	67	16	437	0	0	0	47	170
27	180	69	46	57	96	44	70	14	457	0	0	0	78	133
28	181	71	52	61	94	33	63	19	510	0	1	0	34	101
29	182	71	54	62	81	45	63	22	379	0	0	0	67	262
30	183	69	51	60	93	45	69	17	486	0	64	0	64	185
31	184	74	53	63	94	45	69	18	405	0	7	0	63	182
Sums		2381	1774	2068	2817	1386	2096	657	14031	0	398	0	1958	6375
Average		76.8	57.2	66.7	90.9	44.7	67.6	0.021	452.6	0.0	0.13	0.0	63.2	0.206

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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	154	84	71	81	71	77	71	77	71	89	69	89	70	84	70	79	70
2	155	85	72	83	72	80	72	79	72	89	70	89	70	85	71	80	72
3	156	87	71	85	72	81	72	79	72	92	70	72	70	87	71	81	72
4	157	83	72	81	72	79	72	78	73	89	70	89	71	84	72	79	72
5	158	82	70	81	71	79	72	78	72	85	67	86	67	82	70	79	71
6	159	75	65	76	66	75	78	75	68	76	61	77	61	76	64	75	67
7	160	79	67	79	68	76	68	76	69	83	65	83	65	80	66	76	68
8	161	77	67	75	68	73	69	73	69	81	64	81	65	76	67	73	68
9	162	79	67	79	68	77	69	76	69	82	64	82	64	80	66	77	68
10	163	80	69	78	69	77	69	76	70	84	67	84	67	80	68	77	69
11	164	79	68	79	69	76	70	75	70	83	66	83	66	79	68	76	69
12	165	76	69	75	69	73	70	73	70	77	67	77	67	75	68	73	69
13	166	80	67	79	68	78	69	76	69	84	65	84	65	81	67	78	68
14	167	80	68	78	69	77	69	76	70	83	66	84	66	81	68	77	69
15	168	78	69	76	69	75	70	74	70	83	67	84	67	79	68	75	69
16	169	78	68	76	68	75	69	74	69	82	65	82	65	78	67	75	68
17	170	80	67	78	68	78	69	76	70	83	64	83	64	80	67	77	68
18	171	78	69	76	69	75	69	74	70	82	67	82	67	78	67	75	68
19	172	85	72	84	72	81	72	79	72	90	70	90	70	86	71	81	71
20	173	82	69	81	70	79	70	78	70	84	66	85	66	83	68	80	70
21	174	83	69	82	70	79	70	78	71	86	67	87	67	83	69	79	70
22	175	82	70	81	70	79	71	78	71	85	69	86	68	83	69	79	70
23	176	80	67	78	68	75	69	74	70	83	63	83	63	79	66	75	69
24	177	79	65	78	66	77	68	76	68	81	61	82	61	80	65	77	67
25	178	72	63	72	64	72	66	72	67	72	60	73	60	73	63	72	65
26	179	74	61	73	62	73	64	73	65	75	57	76	57	75	61	73	64
27	180	75	62	73	63	72	65	72	66	77	58	77	59	75	62	72	64
28	181	75	63	74	64	73	65	72	66	79	61	80	61	77	62	73	64
29	182	71	63	70	64	70	66	70	66	73	61	75	61	72	63	70	65
30	183	72	63	71	63	71	65	71	66	76	61	78	61	75	63	71	65
31	184	76	64	74	64	73	65	72	66	80	62	81	62	77	63	73	65
Sums		2446	2087	2406	2106	2355	2143	2330	2147	2548	2010	2544	2013	2463	2070	2357	2114
Averages		78.9	67.3	77.6	67.9	76.0	69.1	75.2	69.3	82.2	64.8	82.1	64.9	79.5	66.8	76.0	68.2

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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	154	0	32		7
2	155	0	32		7
3	156	0	32		7
4	157	0	34		9
5	158	0	33		8
6	159	4	21		0
7	160	0	25		0
8	161	0	26		1
9	162	0	26		1
10	163	0	28		3
11	164	0	29		4
12	165	0	29		4
13	166	0	30		5
14	167	0	26		1
15	168	0	29		4
16	169	0	31		6
17	170	2	23		0
18	171	0	26		1
19	172	0	34		9
20	173	0	27		2
21	174	0	29		4
22	175	0	33		8
23	176	0	31		6
24	177	2	23		0
25	178	6	19		0
26	179	8	17		0
27	180	8	17		0
28	181	4	21		0
29	182	3	22		0
30	183	5	20		0
31	184	2	23		0
Sums for month		44	828		97

57 Accumulated heating degree days since July 1  
 3234 Accumulated growing degree days since Jan. 1  
 332 Accumulated cooling degree days since Apr. 1