

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 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	154	78	64	71	81	53	67	27	434	0	0	0	110	163
2	155	81	65	73	94	60	77	18	298	0	27	0	66	176
3	156	80	67	73	92	50	71	22	328	0	1	0	47	149
4	157	76	62	69	96	69	82	13	261	0	0	0	56	77
5	158	84	62	73	83	43	63	32	478	0	0	0	54	190
6	159	87	67	77	83	40	61	36	578	0	0	0	51	218
7	160	89	69	79	91	41	66	33	458	0	2	0	63	256
8	161	79	67	73	97	64	80	13	287	0	54	0	46	299
9	162	80	67	73	97	62	79	12	272	0	37	0	71	225
10	163	80	66	73	82	43	62	31	515	0	1	0	73	329
11	164	75	58	66	90	43	66	21	499	0	0	0	74	271
12	165	78	59	68	85	43	64	24	484	0	0	0	60	109
13	166	79	63	71	95	53	74	17	399	0	0	0	65	192
14	167	74	65	69	98	69	83	8	179	0	249	0	51	NA
15	168	71	65	68	96	70	83	11	167	0	99	0	105	98
16	169	84	66	75	81	51	66	34	486	0	0	0	86	279
17	170	83	66	74	97	51	74	20	444	0	75	0	52	301
18	171	83	63	73	97	56	76	14	299	0	38	0	82	150
19	172	70	60	65	94	62	78	1	249	0	5	0	73	11
20	173	74	61	67	98	56	77	15	380	0	2	0	44	219
21	174	75	64	69	82	52	67	24	443	0	0	0	103	213
22	175	72	65	68	93	70	81	13	176	0	15	0	155	109
23	176	74	54	64	82	60	71	17	322	0	4	0	113	296
24	177	74	55	64	80	38	59	29	508	0	0	0	86	204
25	178	79	56	67	79	42	60	30	478	0	0	0	57	128
26	179	80	64	72	96	53	74	20	465	0	0	0	96	220
27	180	81	64	72	91	67	79	19	420	0	0	0	62	282
28	181	81	68	74	90	47	68	35	253	0	0	0	42	79
29	182	89	70	79	96	44	70	21	498	0	2	0	73	291
30	183	89	65	77	97	63	80	10	409	0	55	0	96	316
31	184	69	54	61	NA	NA	NA	NA	371	0	3	0	78	202
Sums		2448	1961	2197	2713	1615	2158	620	11838	0	669	0	2290	6052
Average		79.0	63.3	70.9	90.4	53.8	71.9	0.020	381.9	0.0	0.22	0.0	73.9	0.202

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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	81	72	79	72	77	72	76	72	95	72	90	71	84	71	78	71
2	155	80	72	79	73	77	73	76	74	88	71	85	72	81	73	77	73
3	156	82	73	80	73	78	73	77	73	89	72	86	72	82	72	78	73
4	157	78	71	77	72	76	72	75	72	83	68	81	69	78	71	76	72
5	158	85	72	84	72	82	73	80	73	95	68	91	70	88	72	83	72
6	159	87	74	85	73	84	73	81	73	102	74	98	73	92	72	84	73
7	160	89	75	86	76	83	76	81	76	103	75	99	75	92	77	84	76
8	161	83	74	82	75	80	75	80	79	89	72	87	73	84	74	80	74
9	162	82	72	80	73	78	73	77	73	89	69	85	71	81	72	78	73
10	163	85	73	84	73	82	74	80	73	92	70	90	71	86	72	82	73
11	164	82	70	81	71	81	71	79	72	94	66	91	68	86	70	82	71
12	165	84	69	82	70	81	71	79	72	98	65	94	67	87	69	81	71
13	166	82	71	81	72	80	72	79	72	95	69	90	70	86	71	81	72
14	167	78	68	77	69	76	71	75	71	82	68	80	69	78	70	76	71
15	168	74	69	73	69	73	70	73	71	76	66	75	67	74	69	73	70
16	169	85	72	83	71	81	71	79	71	92	68	89	70	86	70	81	70
17	170	84	73	83	73	82	73	80	73	97	71	93	72	88	72	82	72
18	171	82	73	80	73	74	73	77	74	90	71	87	71	81	73	78	74
19	172	76	69	76	70	76	71	75	71	79	64	78	66	77	69	75	70
20	173	79	70	78	71	78	71	77	71	85	66	83	67	81	69	78	70
21	174	78	70	77	70	77	71	76	71	88	68	85	68	81	70	77	71
22	175	73	69	73	70	73	70	72	70	75	67	74	67	73	69	72	70
23	176	77	65	75	67	74	67	73	68	81	58	78	60	76	64	74	67
24	177	81	68	79	68	79	68	77	69	90	62	87	64	83	65	78	67
25	178	79	68	78	69	78	69	77	70	94	65	89	66	83	67	78	69
26	179	78	69	77	69	76	70	74	70	91	67	87	68	82	69	76	70
27	180	84	70	82	70	79	71	78	71	96	70	92	70	86	70	80	71
28	181	80	73	78	73	78	73	77	73	87	72	84	73	81	73	78	73
29	182	87	75	85	74	84	73	81	73	101	74	97	75	91	74	84	73
30	183	86	72	83	73	82	74	76	74	100	69	96	70	89	73	82	73
31	184	79	68	78	70	78	70	77	71	83	62	81	64	80	67	76	70
Sums		2520	2199	2475	2214	2437	2224	2394	2236	2799	2119	2702	2149	2577	2189	2442	2215
Averages		81.3	70.9	79.8	71.4	78.6	71.7	77.2	72.1	90.3	68.4	87.2	69.3	83.1	70.6	78.8	71.5

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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	31		6
2	155	0	33		8
3	156	0	33		8
4	157	0	29		4
5	158	0	33		8
6	159	0	37		12
7	160	0	39		14
8	161	0	33		8
9	162	0	33		8
10	163	0	33		8
11	164	0	26		1
12	165	0	28		3
13	166	0	31		6
14	167	0	29		4
15	168	0	28		3
16	169	0	35		10
17	170	0	34		9
18	171	0	33		8
19	172	0	25		0
20	173	0	27		2
21	174	0	29		4
22	175	0	28		3
23	176	1	24		0
24	177	1	24		0
25	178	0	27		2
26	179	0	32		7
27	180	0	32		7
28	181	0	34		9
29	182	0	39		14
30	183	0	37		12
31	184	4	21		0
Sums for month		6	957		188

18 Accumulated heating degree days since July 1  
 3486 Accumulated growing degree days since Jan. 1  
 538 Accumulated cooling degree days since Apr. 1