

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 2016

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	76	62	69	93	65	79	16	297	0	0	49	142	
2	155	80	65	72	95	55	75	0	17	0	0	66	329	
3	156	83	64	73	87	32	59	27	543	0	0	51	146	
4	157	83	64	73	82	47	64	32	614	0	0	87	317	
5	158	89	67	78	69	38	53	47	605	0	0	92	302	
6	159	89	69	79	91	38	64	36	484	6	0	87	444	
7	160	82	64	73	77	38	57	36	586	0	0	103	276	
8	161	81	58	69	83	33	58	35	572	0	0	93	370	
9	162	82	57	69	71	25	48	42	627	0	0	50	312	
10	163	89	60	74	92	18	55	50	567	27	0	113	430	
11	164	89	69	79	90	41	65	32	461	1	0	53	221	
12	165	90	71	80	85	40	62	36	475	0	0	55	273	
13	166	92	74	83	79	45	62	46	469	0	0	85	360	
14	167	86	64	75	91	38	64	32	432	45	0	77	234	
15	168	80	65	72	91	57	74	21	281	2	0	63	188	
16	169	78	66	72	88	53	70	23	287	4	0	31	132	
17	170	88	64	76	86	45	65	27	314	23	0	121	180	
18	171	80	64	72	86	41	63	27	475	0	0	41	237	
19	172	81	59	70	93	51	72	21	449	0	0	68	223	
20	173	85	62	73	77	26	51	39	568	0	0	52	387	
21	174	89	70	79	85	42	63	42	454	354	0	116	294	
22	175	76	59	67	94	49	71	18	200	101	0	62	156	
23	176	71	55	63	87	38	62	23	541	0	0	80	272	
24	177	80	56	68	87	35	61	29	540	0	0	43	228	
25	178	85	71	78	90	39	64	39	523	0	0	82	255	
26	179	85	68	76	88	50	69	25	327	20	0	62	173	
27	180	85	67	76	90	43	66	25	529	0	0	67	282	
28	181	82	65	73	89	44	66	28	515	0	0	43	256	
29	182	90	64	77	88	40	64	37	486	0	0	74	275	
30	183	78	54	66	90	46	68	20	480	0	0	57	253	
31	184	81	55	68	88	38	63	31	487	0	0	46	217	
Sums		2585	1972	2272	2682	1290	1977	942	14205	0	583	2169	8164	
Average		83.4	63.6	73.3	86.5	41.6	63.8	0.030	458.2	0.0	0.19	70.0	0.263	

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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	83	71	81	71	78	72	76	72	87	70	85	71	82	73	78	72
2	155	87	71	84	72	82	73	79	73	93	70	91	71	87	72	82	72
3	156	90	72	86	72	82	73	80	73	99	70	95	72	88	73	83	73
4	157	89	73	85	73	81	73	79	73	97	72	93	73	88	73	82	73
5	158	92	74	87	74	84	74	81	74	101	75	96	75	90	74	84	74
6	159	91	74	89	75	85	75	83	75	99	74	97	75	92	76	86	76
7	160	91	70	88	71	85	73	83	74	98	68	95	70	90	72	85	74
8	161	90	68	88	70	85	73	83	73	97	66	95	69	91	71	85	73
9	162	92	70	88	71	85	73	82	74	100	68	97	70	91	72	85	74
10	163	89	72	85	72	82	72	80	73	98	72	93	72	87	72	82	73
11	164	94	75	91	75	87	76	85	76	96	73	97	74	92	76	87	76
12	165	93	77	89	77	95	77	82	77	100	77	97	77	91	77	85	77
13	166	95	79	91	78	86	78	84	78	102	79	99	80	93	79	86	78
14	167	94	77	91	77	86	78	83	78	102	75	99	76	93	77	86	77
15	168	86	72	84	73	82	74	80	74	86	69	85	71	83	72	81	73
16	169	84	73	82	74	79	74	78	74	86	71	85	71	82	72	79	73
17	170	84	70	82	71	80	72	78	72	87	66	87	68	84	70	79	72
18	171	87	72	84	72	81	72	79	73	89	70	89	70	85	71	81	72
19	172	88	70	85	71	81	73	80	73	91	67	92	69	87	71	81	73
20	173	90	72	86	72	83	73	81	73	96	71	94	71	89	72	84	73
21	174	89	73	85	73	82	74	79	74	95	70	92	71	86	73	81	73
22	175	81	68	80	69	78	70	77	71	82	64	81	65	79	67	77	69
23	176	82	66	81	68	79	69	78	70	81	60	83	62	81	65	78	68
24	177	86	68	84	69	81	69	79	70	88	65	90	65	87	66	81	68
25	178	84	70	81	70	79	70	77	70	87	68	89	68	85	68	80	70
26	179	86	73	84	73	81	72	79	72	88	72	87	72	84	72	80	72
27	180	89	71	86	72	83	73	81	73	90	67	93	68	89	70	83	72
28	181	88	72	85	73	83	73	81	73	90	70	92	71	89	71	84	72
29	182	90	73	87	73	84	73	82	73	94	71	95	72	90	73	84	73
30	183	86	69	83	71	82	72	80	73	88	66	89	67	86	70	82	72
31	184	86	71	82	71	81	72	80	72	90	68	90	69	86	70	82	71
Sums		2736	2226	2644	2243	2562	2265	2489	2273	2877	2164	2842	2195	2707	2230	2553	2258
Averages		88.3	71.8	85.3	72.4	82.6	73.1	80.3	73.3	92.8	69.8	91.7	70.8	87.3	71.9	82.4	72.8

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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	29		4
2	155	0	32		7
3	156	0	33		8
4	157	0	33		8
5	158	0	38		13
6	159	0	39		14
7	160	0	33		8
8	161	0	29		4
9	162	0	29		4
10	163	0	34		9
11	164	0	39		14
12	165	0	40		15
13	166	0	43		18
14	167	0	35		10
15	168	0	32		7
16	169	0	32		7
17	170	0	36		11
18	171	0	32		7
19	172	0	30		5
20	173	0	33		8
21	174	0	39		14
22	175	0	27		2
23	176	2	23		0
24	177	0	28		3
25	178	0	38		13
26	179	0	36		11
27	180	0	36		11
28	181	0	33		8
29	182	0	37		12
30	183	0	26		1
31	184	0	28		3
Sums for month		2	1032		259

3 Accumulated heating degree days since July 1  
 3576 Accumulated growing degree days since Jan. 1  
 606 Accumulated cooling degree days since Apr. 1