

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

July 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	123	80	66	73	96	59	77	16	336	0	30	0	53	196
2	124	77	62	69	96	64	80	19	336	0	70	0	67	144
3	125	80	62	71	76	40	58	35	640	0	0	0	78	291
4	126	76	57	66	90	39	64	25	0	0	0	0	83	399
5	127	77	53	65	92	32	62	26	644	0	0	0	50	155
6	128	82	58	70	72	37	54	39	617	0	0	0	103	280
7	129	81	65	73	91	56	73	25	483	0	0	0	20	204
8	130	79	64	71	95	39	67	22	449	0	25	0	63	257
9	131	79	55	67	89	43	66	24	546	0	10	0	106	348
10	132	78	61	69	76	33	54	34	615	0	0	0	70	306
11	133	78	62	70	96	34	65	26	469	0	14	0	49	228
12	134	NA	NA	NA	NA	48	24	23	506	0	0	0	31	205
13	135	80	64	72	97	60	78	16	258	0	103	0	43	179
14	136	71	60	65	97	81	89	5	179	0	114	0	41	0
15	137	82	63	72	94	55	74	19	429	0	1	0	77	232
16	138	73	63	68	81	57	69	21	487	0	0	0	89	251
17	139	79	63	71	96	39	67	26	549	0	8	0	38	249
18	140	78	60	69	97	61	79	12	401	0	37	0	32	186
19	141	81	60	70	95	37	66	21	602	0	2	0	40	261
20	142	85	65	75	90	42	66	34	551	0	0	0	50	243
21	143	81	66	73	96	44	70	18	373	0	50	0	39	161
22	144	83	64	73	90	49	69	28	530	0	0	0	56	272
23	145	75	63	69	96	47	71	19	243	0	0	0	20	109
24	146	78	64	71	95	63	79	11	281	0	106	0	56	135
25	147	78	58	68	96	48	72	11	397	0	75	0	69	245
26	148	61	58	59	94	75	84	7	194	0	7	0	56	91
27	149	74	61	67	95	53	74	19	400	0	13	0	49	204
28	150	76	62	69	97	63	80	9	247	0	11	0	24	68
29	151	70	52	61	89	46	67	20	449	0	1	0	69	251
30	152	73	52	62	86	24	55	28	647	0	0	0	80	286
31	153	81	60	70	89	39	64	30	618	0	0	0	49	216
Sums		2326	1823	2068	2739	1507	2117	668	13476	0	677	0	1750	6652
Average		77.5	60.8	68.9	91.3	48.6	68.3	0.022	434.7	0.0	0.22	0.0	56.5	0.215

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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	123	79	69	77	69	75	68	73	68	82	69	81	69	78	68	74	68
2	124	80	68	78	68	75	68	74	68	83	66	82	66	78	67	75	68
3	125	84	68	82	68	78	69	76	69	87	65	87	66	83	68	78	68
4	126	85	67	82	68	78	69	76	69	88	64	88	64	83	67	78	68
5	127	83	67	81	68	78	69	77	70	87	64	87	64	83	67	78	69
6	128	84	70	81	69	77	70	75	70	89	69	89	69	82	69	76	69
7	129	81	71	79	71	75	71	74	71	85	70	85	70	80	71	75	70
8	130	84	70	82	71	79	71	78	71	87	69	88	69	84	70	80	71
9	131	80	66	79	67	77	69	75	69	83	62	83	63	80	66	76	68
10	132	82	68	81	68	79	69	77	69	85	66	87	67	83	67	79	68
11	133	80	70	78	70	75	70	73	70	83	69	84	69	79	69	75	69
12	134	83	72	82	71	79	71	77	70	88	71	87	71	83	71	79	70
13	135	82	73	80	73	77	72	75	72	86	72	85	72	81	73	77	72
14	136	74	69	73	70	73	70	73	70	75	67	75	69	73	70	73	70
15	137	82	69	80	70	77	70	75	70	86	67	85	67	81	69	76	70
16	138	81	68	80	69	78	69	77	69	82	65	83	66	81	68	78	69
17	139	81	71	79	71	78	71	76	71	87	70	86	70	81	70	78	70
18	140	81	70	80	71	77	72	76	71	85	68	84	68	80	70	77	71
19	141	86	72	84	72	80	72	79	72	90	69	90	69	86	71	80	71
20	142	86	73	84	73	81	73	79	73	91	71	90	72	86	72	81	72
21	143	81	72	79	72	78	72	77	72	85	70	84	70	80	71	77	72
22	144	85	71	83	72	80	73	78	72	89	69	89	69	84	71	80	72
23	145	79	72	78	72	76	72	76	72	80	70	80	70	78	71	76	71
24	146	80	69	78	70	76	71	75	71	83	68	83	68	79	70	75	70
25	147	83	69	81	69	78	70	77	70	87	66	86	66	82	68	78	70
26	148	72	68	72	69	71	69	71	69	70	65	70	66	71	67	71	68
27	149	77	69	76	69	74	69	73	69	79	68	79	68	76	68	73	68
28	150	78	70	77	70	75	70	75	70	80	69	80	69	77	69	75	70
29	151	77	65	76	66	75	67	75	68	78	62	79	62	77	65	75	67
30	152	77	65	76	66	76	68	75	68	81	62	81	63	78	65	76	67
31	153	84	68	81	68	78	68	77	69	89	67	89	67	84	67	79	68
Sums		2511	2149	2459	2160	2383	2172	2344	2172	2610	2089	2606	2098	2491	2135	2378	2154
Averages		81.0	69.3	79.3	69.7	76.9	70.1	75.6	70.1	84.2	67.4	84.1	67.7	80.4	68.9	76.7	69.5

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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	123	0	33		8
2	124	0	29		4
3	125	0	31		6
4	126	0	26		1
5	127	0	25		0
6	128	0	30		5
7	129	0	33		8
8	130	0	31		6
9	131	0	27		2
10	132	0	29		4
11	133	0	30		5
12	134	0	0		0
13	135	0	32		7
14	136	0	25		0
15	137	0	32		7
16	138	0	28		3
17	139	0	31		6
18	140	0	29		4
19	141	0	30		5
20	142	0	35		10
21	143	0	33		8
22	144	0	33		8
23	145	0	29		4
24	146	0	31		6
25	147	0	28		3
26	148	6	19		0
27	149	0	27		2
28	150	0	29		4
29	151	4	21		0
30	152	3	22		0
31	153	0	30		5
Sums for month		13	868		131

13 Accumulated heating degree days since July 1
 2406 Accumulated growing degree days since Jan. 1
 235 Accumulated cooling degree days since Apr. 1