

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

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	123	90	68	79	94	46	70	36	641	0	0	0	243	
2	124	92	72	82	76	41	58	56	646	0	0	0	294	
3	125	93	70	81	83	42	62	40	569	0	0	0	285	
4	126	86	60	73	94	34	64	33	681	0	2	0	350	
5	127	90	69	79	84	43	63	39	638	0	0	0	341	
6	128	88	66	77	90	55	72	29	444	0	55	0	304	
7	129	71	50	60	93	41	67	22	597	0	1	0	335	
8	130	76	53	64	85	31	58	29	685	0	0	0	260	
9	131	81	53	67	72	31	51	41	682	0	0	0	327	
10	132	87	69	78	60	23	41	57	678	0	0	0	378	
11	133	85	61	73	78	26	52	41	578	0	0	0	369	
12	134	75	53	64	78	26	52	36	688	0	0	0	361	
13	135	81	58	69	80	29	54	37	608	0	0	0	296	
14	136	86	63	74	65	26	45	53	627	0	0	0	374	
15	137	88	65	76	93	36	64	36	452	0	0	0	269	
16	138	87	65	76	93	41	67	31	575	0	0	0	299	
17	139	92	69	80	95	36	65	32	516	0	49	0	353	
18	140	81	61	71	89	33	61	34	533	0	1	0	357	
19	141	72	49	60	80	31	55	25	626	0	0	0	279	
20	142	78	58	68	78	27	52	37	674	0	0	0	305	
21	143	85	63	74	69	30	49	46	653	0	0	0	394	
22	144	78	60	69	97	38	67	22	328	0	54	0	177	
23	145	80	62	71	94	51	72	23	416	0	2	0	313	
24	146	79	70	74	96	60	78	11	264	0	43	0	145	
25	147	77	69	73	96	75	85	8	196	0	69	0	7	
26	148	77	64	70	96	59	77	8	233	0	23	0	101	
27	149	82	65	73	90	42	66	32	571	0	1	0	245	
28	150	79	69	74	93	43	68	27	500	0	17	0	239	
29	151	76	59	67	90	40	65	24	528	0	0	0	134	
30	152	76	58	67	93	40	66	23	566	0	0	0	324	
31	153	76	63	69	90	45	67	19	273	0	0	0	105	
Sums		2544	1934	2232	2664	1221	1933	987	16666	0	317	0	8563	
Average		82.1	62.4	72.0	85.9	39.4	62.4	0.032	537.6	0.0	0.10	0.0	0.276	

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		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	123	90	73	87	71	83	71	81	71	98	74	97	74	92	72	84	71
2	124	91	76	87	75	84	74	82	74	103	76	99	76	92	76	85	74
3	125	92	76	88	76	84	76	82	75	103	76	101	77	74	77	86	76
4	126	92	76	88	76	84	76	82	75	103	76	101	77	94	77	86	76
5	127	92	74	89	74	87	76	84	76	104	72	102	74	96	75	88	76
6	128	92	76	88	75	84	76	81	76	105	76	101	77	94	76	85	76
7	129	88	74	84	74	82	75	81	75	98	71	94	72	86	74	83	75
8	130	82	67	81	69	81	71	79	72	85	63	84	64	83	68	80	70
9	131	87	70	85	70	83	71	81	72	96	67	94	68	90	69	84	70
10	132	86	70	83	71	82	72	80	72	98	69	95	70	89	71	83	72
11	133	90	72	88	72	85	73	83	73	103	72	101	73	95	72	87	73
12	134	86	71	84	71	82	73	81	73	97	69	95	71	90	73	84	73
13	135	84	67	82	68	81	71	80	72	95	65	92	67	88	70	83	72
14	136	88	71	84	70	82	72	80	72	101	70	97	71	90	71	83	72
15	137	88	73	84	72	82	73	80	73	100	74	98	74	91	73	84	73
16	138	87	74	85	74	81	75	80	75	100	74	97	75	91	76	84	75
17	139	90	75	89	75	85	75	83	75	103	75	100	76	93	76	86	76
18	140	92	76	88	76	85	76	83	76	106	75	103	76	94	77	87	77
19	141	85	70	84	71	83	73	81	73	90	66	87	67	86	70	83	72
20	142	83	67	82	68	80	71	79	72	91	63	89	65	86	68	81	70
21	143	84	69	82	69	81	70	79	71	97	63	93	69	88	69	82	70
22	144	83	70	81	70	79	81	77	72	97	69	94	70	87	71	81	72
23	145	77	67	76	68	76	70	75	70	85	66	84	67	80	68	77	70
24	146	78	68	77	69	75	70	74	71	83	67	82	68	78	69	75	70
25	147	77	72	76	72	75	72	74	71	82	72	80	72	77	71	75	71
26	148	77	72	76	72	75	72	74	72	81	71	80	71	77	72	74	72
27	149	79	71	78	71	76	72	75	72	85	68	83	69	79	71	82	71
28	150	86	73	84	72	82	72	80	72	95	72	92	72	87	72	82	72
29	151	85	72	84	73	82	73	80	73	93	69	91	70	87	72	80	73
30	152	83	70	82	71	80	72	79	72	89	66	87	68	84	69	80	71
31	153	79	71	77	71	76	72	75	72	87	69	83	69	79	71	76	71
Sums		2653	2223	2583	2226	2517	2266	2465	2260	2953	2175	2876	2209	2697	2236	2550	2252
Averages		85.6	71.7	83.3	71.8	81.2	73.1	79.5	72.9	95.3	70.2	92.8	71.3	87.0	72.1	82.3	72.6

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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	39		14
2	124	0	42		17
3	125	0	41		16
4	126	0	33		8
5	127	0	39		14
6	128	0	37		12
7	129	5	20		0
8	130	1	24		0
9	131	0	27		2
10	132	0	38		13
11	133	0	33		8
12	134	1	24		0
13	135	0	29		4
14	136	0	34		9
15	137	0	36		11
16	138	0	36		11
17	139	0	40		15
18	140	0	31		6
19	141	5	20		0
20	142	0	28		3
21	143	0	34		9
22	144	0	29		4
23	145	0	31		6
24	146	0	34		9
25	147	0	33		8
26	148	0	30		5
27	149	0	33		8
28	150	0	34		9
29	151	0	27		2
30	152	0	27		2
31	153	0	29		4
Sums for month		12	992		229

12 Accumulated heating degree days since July 1
 2529 Accumulated growing degree days since Jan. 1
 350 Accumulated cooling degree days since Apr. 1