

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

2016

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	Max	Min	Avg	Max	Min	Avg	Thou	Gm Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In	
								In/Hg	Total	Diff	Ins	Ins	Evap	
1	123	80	53	66	84	43	63	22	419	0	0	0	264	
2	124	78	55	66	79	27	53	33	604	0	0	126	252	
3	125	76	58	67	77	37	57	27	440	0	0	110	317	
4	126	80	53	66	66	31	48	36	581	0	0	69	302	
5	127	84	64	74	73	28	50	39	586	0	0	66	257	
6	128	88	66	77	86	23	54	42	621	0	0	68	343	
7	129	90	70	80	82	38	60	0	33	0	0	58	313	
8	130	88	65	76	72	32	52	47	551	0	0	58	247	
9	131	87	71	79	66	38	52	32	418	0	0	46	91	
10	132	82	51	66	92	55	73	22	328	0	5	117	337	
11	133	75	53	64	90	33	61	29	448	0	5	73	232	
12	134	78	57	67	93	44	68	15	414	0	0	50	265	
13	135	89	61	75	80	35	57	29	550	0	0	66	276	
14	136	94	71	82	74	32	53	49	510	0	0	86	349	
15	137	86	69	77	86	35	60	39	560	0	0	106	369	
16	138	86	58	72	74	42	58	45	509	0	0	94	397	
17	139	78	56	67	87	28	57	37	583	0	1	57	252	
18	140	83	64	73	93	43	68	20	520	0	2	60	262	
19	141	82	58	70	75	30	52	46	494	0	69	88	262	
20	142	76	56	66	87	47	67	24	392	0	1	95	296	
21	143	80	54	67	77	35	56	29	561	0	0	61	315	
22	144	89	59	74	89	31	60	29	641	0	0	71	452	
23	145	90	70	80	64	24	44	62	610	0	0	132	301	
24	146	86	61	73	71	41	56	46	580	0	0	95	432	
25	147	85	65	75	89	32	60	45	616	0	0	45	264	
26	148	81	66	73	83	39	61	36	433	0	68	63	133	
27	149	82	60	71	92	60	76	19	272	0	0	79	318	
28	150	87	63	75	85	43	64	29	628	0	0	58	230	
29	151	83	64	73	79	38	58	42	612	0	0	46	322	
30	152	82	59	70	88	43	65	29	437	0	0	70	331	
31	153	74	63	68	84	39	61	31	566	0	3	28	103	
Sums		2579	1893	2229	2517	1146	1824	1030	15517	0	154	0	8884	
Average		83.2	61.1	71.9	81.2	37.0	58.8	0.033	500.5	0.0	0.05	0.0	0.287	

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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	81	65	79	66	76	68	75	68	82	62	82	64	79	66	76	67
2	124	88	67	83	68	79	68	77	69	96	65	92	67	85	67	79	68
3	125	79	64	78	65	75	67	74	67	84	61	83	64	79	66	75	67
4	126	83	65	80	66	75	68	73	68	90	63	86	65	81	67	75	68
5	127	86	67	82	68	78	69	75	69	94	65	89	67	84	69	78	69
6	128	88	69	83	69	78	69	76	69	97	71	91	70	85	69	78	69
7	129	90	72	86	72	81	72	79	72	99	72	94	73	88	74	82	73
8	130	95	73	90	73	84	73	81	73	104	74	99	75	92	75	84	74
9	131	89	72	86	73	82	74	79	74	97	72	93	73	88	75	82	7
10	132	85	73	83	73	81	73	79	73	91	73	87	73	85	74	81	73
11	133	86	70	84	70	81	71	79	71	92	69	90	70	86	71	81	71
12	134	82	66	79	67	77	69	76	70	85	63	83	65	80	68	77	69
13	135	87	68	82	69	79	69	77	69	95	67	89	69	84	69	80	69
14	136	88	71	84	70	80	70	78	71	98	71	92	71	86	70	80	71
15	137	94	75	89	74	83	73	80	73	104	76	98	76	91	75	83	74
16	138	92	74	89	75	84	75	82	75	102	75	97	76	91	76	84	75
17	139	92	71	89	72	84	73	81	73	101	70	97	72	91	73	84	73
18	140	88	69	84	71	81	73	79	73	95	67	90	70	86	72	81	73
19	141	90	73	87	72	84	74	82	73	98	73	94	73	90	73	84	73
20	142	87	66	83	68	80	70	78	70	90	61	86	63	82	67	79	69
21	143	84	65	82	66	80	68	78	69	86	60	87	62	83	66	79	68
22	144	88	69	85	69	81	69	79	70	96	66	94	67	88	68	81	69
23	145	89	71	85	70	82	70	79	71	99	71	96	70	89	70	82	70
24	146	92	72	89	73	85	74	83	74	102	71	99	73	93	74	86	74
25	147	92	72	88	73	86	75	83	75	101	70	97	72	92	74	86	75
26	148	90	74	86	74	82	75	80	75	99	73	95	74	89	75	82	75
27	149	84	70	83	71	80	72	80	72	85	67	84	68	82	70	80	71
28	150	90	72	89	72	84	72	82	72	94	68	94	70	90	71	84	72
29	151	93	72	91	73	86	73	83	74	100	70	100	72	94	72	86	73
30	152	89	71	86	72	82	74	80	74	94	70	93	71	88	73	82	74
31	153	90	72	86	73	86	74	81	74	97	70	95	72	90	73	84	74
Sums		2731	2170	2630	2187	2516	2214	2448	2220	2947	2126	2846	2167	2691	2202	2515	2147
Averages		88.1	70.0	84.8	70.5	81.2	71.4	79.0	71.6	95.1	68.6	91.8	69.9	86.8	71.0	81.1	69.3

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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	26		1
2	124	0	26		1
3	125	0	27		2
4	126	0	26		1
5	127	0	34		9
6	128	0	37		12
7	129	0	40		15
8	130	0	36		11
9	131	0	39		14
10	132	0	26		1
11	133	1	24		0
12	134	0	27		2
13	135	0	35		10
14	136	0	42		17
15	137	0	37		12
16	138	0	32		7
17	139	0	27		2
18	140	0	33		8
19	141	0	30		5
20	142	0	26		1
21	143	0	27		2
22	144	0	34		9
23	145	0	40		15
24	146	0	33		8
25	147	0	35		10
26	148	0	33		8
27	149	0	31		6
28	150	0	35		10
29	151	0	33		8
30	152	0	30		5
31	153	0	28		3
Sums for month		1	989		215

1 Accumulated heating degree days since July 1  
 2544 Accumulated growing degree days since Jan. 1  
 347 Accumulated cooling degree days since Apr. 1