

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

June

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	93	79	49	64	79	31	55	32	641	0	0	31	327	
2	94	78	52	65	75	39	57	0	3	0	0	45	258	
3	95	73	59	66	93	49	71	16	280	0	T	61	104	
4	96	79	63	71	87	38	62	29	625	0	0	43	418	
5	97	80	65	72	94	28	61	32	561	0	11	44	163	
6	98	73	60	66	85	54	69	19	194	0	20	76	80	
7	99	76	54	65	93	27	60	29	662	0	8	84	262	
8	100	70	48	59	84	41	62	20	488	0	3	124	356	
9	101	56	45	50	74	51	62	14	270	0	0	122	109	
10	102	65	48	56	65	25	45	26	677	0	0	94	311	
11	103	70	49	59	77	21	49	29	588	0	0	66	276	
12	104	85	56	70	80	37	58	44	522	0	0	148	349	
13	105	66	50	58	73	39	56	22	473	0	0	151	247	
14	106	61	45	53	79	51	65	16	321	0	0	9	0	
15	107	70	46	58	79	28	53	25	722	0	0	0	299	
16	108	80	54	67	92	28	60	31	623	0	8	0	303	
17	109	79	52	65	83	37	60	30	519	0	0	0	282	
18	110	82	54	68	69	20	44	41	712	0	0	0	458	
19	111	85	56	70	68	17	42	48	690	0	0	0	261	
20	112	83	63	73	71	24	47	53	659	0	0	0	347	
21	113	89	59	74	81	36	58	48	583	0	10	0	393	
22	114	76	56	66	75	27	51	37	634	0	0	20	406	
23	115	73	53	63	72	29	50	30	636	0	0	34	239	
24	116	77	47	62	84	23	53	28	610	0	0	11	281	
25	117	80	53	66	83	25	54	33	705	0	0	5	398	
26	118	85	62	73	78	29	53	41	656	0	0	8	273	
27	119	89	67	78	88	33	60	55	576	0	0	26	436	
28	120	87	63	75	89	28	58	37	554	0	12	58	367	
29	121	80	59	69	83	39	61	27	520	0	0	91	250	
30	122	75	53	64	84	43	63	22	419	0	10	73	196	
Sums		2301	1640	1965	2417	997	1699	914	16123	0	87	7	8449	
Average		76.7	54.7	65.5	80.6	33.2	56.6	0.030	537.4	0.0	0.03	0.0	0.282	

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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	93	82	63	79	64	75	65	72	65	85	59	86	61	81	63	75	65
2	94	80	66	77	65	74	65	72	65	86	64	85	65	81	64	75	65
3	95	73	64	76	65	69	65	68	65	76	63	74	63	72	64	69	65
4	96	82	64	78	65	75	65	73	65	88	62	86	64	81	65	76	65
5	97	82	67	79	66	76	66	74	66	89	68	88	67	83	66	76	66
6	98	72	65	76	65	70	65	69	65	73	63	72	64	71	65	69	65
7	99	82	65	79	66	76	66	73	66	84	62	85	64	81	65	75	65
8	100	77	61	73	62	71	63	69	64	77	57	77	58	73	61	71	63
9	101	66	58	65	59	64	61	65	61	63	53	64	55	64	58	64	60
10	102	74	58	71	60	68	61	66	61	78	55	78	57	73	59	68	60
11	103	77	60	73	61	70	62	69	62	83	59	81	60	75	61	70	62
12	104	77	62	74	62	71	62	69	62	84	61	82	61	77	62	71	62
13	105	74	62	71	62	68	63	67	64	79	60	78	62	73	63	69	63
14	106	67	58	66	60	66	62	65	62	70	55	68	57	68	60	66	62
15	107	80	61	77	62	73	62	71	62	88	60	86	61	79	61	74	62
16	108	81	64	77	63	73	63	71	64	91	66	87	65	81	63	74	63
17	109	80	64	77	65	74	66	72	66	86	63	85	64	80	66	75	66
18	110	84	66	81	66	77	66	75	66	93	65	90	67	85	66	78	66
19	111	87	67	83	67	79	68	76	67	95	67	93	68	87	68	81	68
20	112	89	69	85	69	80	69	77	69	98	70	95	71	88	70	81	69
21	113	86	67	83	68	79	70	76	70	95	65	91	67	86	70	79	70
22	114	84	66	81	67	78	68	76	69	89	65	87	66	84	68	79	69
23	115	84	65	80	66	77	68	75	68	89	63	87	65	82	67	77	68
24	116	85	65	80	66	77	68	75	68	92	62	88	65	82	67	77	68
25	117	86	67	82	67	80	68	77	68	95	66	91	68	86	67	80	68
26	118	89	70	84	69	81	69	78	69	99	70	94	71	88	70	81	70
27	119	88	72	84	71	79	70	77	70	97	73	93	74	87	72	79	71
28	120	90	70	87	70	82	71	80	71	96	69	94	70	89	71	82	71
29	121	87	68	83	69	79	70	67	70	93	67	90	68	85	70	79	70
30	122	81	65	79	66	76	68	75	68	82	62	82	64	79	66	76	67
Sums		2426	1939	2340	1953	2237	1975	2169	1978	2593	1894	2537	1932	2401	1958	2246	1974
Averages		80.9	64.6	78.0	65.1	74.6	65.8	72.3	65.9	86.4	63.1	84.6	64.4	80.0	65.3	74.9	65.8

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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	93	1	24		0
2	94	0	25		0
3	95	0	26		1
4	96	0	31		6
5	97	0	32		7
6	98	0	26		1
7	99	0	25		0
8	100	6	19		0
9	101	15	10		0
10	102	9	16		0
11	103	6	19		0
12	104	0	30		5
13	105	7	18		0
14	106	12	13		0
15	107	7	18		0
16	108	0	27		2
17	109	0	25		0
18	110	0	28		3
19	111	0	30		5
20	112	0	33		8
21	113	0	34		9
22	114	0	26		1
23	115	2	23		0
24	116	3	22		0
25	117	0	26		1
26	118	0	33		8
27	119	0	38		13
28	120	0	35		10
29	121	0	29		4
30	122	1	24		0
Sums for month		69	765		84
6422	Accumulated heating degree days since July 1				
1555	Accumulated growing degree days since Jan. 1				
132	Accumulated cooling degree days since Apr. 1				