

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 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 Total	Cal/Cm2 Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	93	80	65	72	93	56	74	21	0	372	1	0	122	185
2	94	83	54	68	94	58	76	15	0	310	15	0	88	251
3	95	65	53	59	96	58	77	12	0	338	0	0	76	116
4	96	70	53	61	95	56	75	12	0	274	51	0	160	95
5	97	66	52	59	92	50	71	15	0	366	16	0	110	231
6	98	61	49	55	95	51	73	13	0	288	2	0	102	158
7	99	60	48	54	97	56	76	9	0	317	2	0	54	120
8	100	72	51	61	78	36	57	26	0	549	0	0	57	114
9	101	72	49	60	91	41	66	22	0	611	0	0	70	373
10	102	74	54	64	91	30	60	25	0	396	0	0	34	141
11	103	74	48	61	75	36	55	26	0	497	0	0	57	166
12	104	73	52	62	70	29	49	30	0	697	0	0	79	370
13	105	80	61	70	92	34	63	39	0	627	5	0	130	330
14	106	82	62	72	85	42	63	35	0	437	2	0	179	288
15	107	74	50	62	90	31	60	29	0	702	0	0	158	401
16	108	75	49	62	72	23	47	32	0	676	0	0	89	96
17	109	82	56	69	80	23	51	36	0	673	0	0	55	276
18	110	87	68	77	76	38	57	46	0	603	0	0	69	299
19	111	91	60	75	94	42	68	27	0	414	16	0	133	326
20	112	70	52	61	91	35	63	22	0	625	1	0	85	255
21	113	74	55	64	86	37	61	23	0	417	0	0	54	90
22	114	69	46	57	84	26	55	23	0	694	0	0	90	329
23	115	74	56	65	95	42	68	21	0	391	20	0	104	75
24	116	73	62	67	96	64	80	12	0	294	0	0	83	224
25	117	66	55	60	96	65	80	5	0	212	30	0	95	152
26	118	69	46	57	92	32	62	21	0	721	0	0	92	264
27	119	78	59	68	94	26	60	37	0	628	1	0	96	235
28	120	67	62	64	98	71	84	5	0	132	104	0	108	163
29	121	78	66	72	95	52	73	23	0	449	5	0	86	204
30	122	83	62	72	82	32	57	38	0	655	0	0	80	302
Sums		2222	1655	1930	2665	1272	1961	700	0	14365	271	0	2795	6629
Average		74.1	55.2	64.3	88.8	42.4	65.4	0.023	0.0	478.8	0.09	0.0	93.2	0.221

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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	76	67	73	67	71	67	69	66	79	68	80	68	76	68	71	67
2	94	77	66	76	66	72	67	71	66	83	64	82	65	77	66	73	66
3	95	73	64	72	65	71	65	70	65	74	63	75	63	73	64	71	64
4	96	70	61	68	61	66	62	66	63	74	60	74	60	70	61	66	62
5	97	72	61	71	61	69	62	68	62	72	60	74	60	72	61	70	62
6	98	70	59	68	60	66	61	66	61	71	57	71	58	68	59	66	60
7	99	70	60	68	60	66	61	65	62	72	58	71	58	68	60	65	61
8	100	78	62	76	61	74	62	72	62	83	62	83	61	79	61	74	61
9	101	80	64	77	64	74	65	72	65	86	63	85	63	80	64	75	65
10	102	78	65	75	65	72	65	71	65	83	64	82	64	78	65	73	65
11	103	80	62	76	63	72	65	70	65	86	60	84	61	77	63	72	65
12	104	82	63	78	64	75	65	73	65	87	62	86	63	81	64	76	65
13	105	80	65	76	65	73	65	71	66	88	66	87	67	84	66	74	66
14	106	80	63	78	64	75	65	73	66	86	62	85	63	81	64	75	65
15	107	78	62	75	62	74	65	72	65	84	60	84	61	80	64	75	65
16	108	81	64	77	64	76	65	74	66	89	62	87	64	83	65	77	66
17	109	86	66	82	65	78	66	76	67	95	68	93	68	86	67	79	67
18	110	87	70	82	69	78	69	76	69	96	73	93	72	87	71	79	70
19	111	84	70	80	70	76	71	74	71	92	69	90	69	84	71	77	71
20	112	84	66	80	67	77	69	75	69	87	64	86	65	82	68	77	69
21	113	78	65	76	65	75	67	74	68	82	63	81	64	79	66	76	67
22	114	82	64	79	65	77	67	75	68	88	62	87	63	83	66	77	68
23	115	77	67	74	66	72	67	71	67	83	67	81	67	77	67	73	67
24	116	75	68	73	67	71	68	70	68	80	68	77	68	74	68	71	67
25	117	72	63	71	64	70	65	69	65	74	61	73	61	72	63	70	65
26	118	81	63	78	64	77	65	74	66	84	59	83	61	80	63	76	65
27	119	81	65	77	64	75	66	72	66	89	65	86	65	80	64	75	65
28	120	69	66	68	66	68	67	68	67	71	66	70	66	69	66	68	66
29	121	80	67	78	68	75	67	74	67	85	66	84	67	80	68	76	67
30	122	85	70	82	69	79	68	77	68	91	69	90	70	85	69	79	68
Sums		2346	1938	2264	1941	2194	1969	2148	1976	2494	1911	2464	1925	2345	1952	2206	1967
Averages		78.2	64.6	75.5	64.7	73.1	65.6	71.6	65.9	83.1	63.7	82.1	64.2	78.2	65.1	73.5	65.6

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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	93	0	32		7
2	94	0	28		3
3	95	6	19		0
4	96	4	21		0
5	97	6	19		0
6	98	10	15		0
7	99	11	14		0
8	100	4	21		0
9	101	5	20		0
10	102	1	24		0
11	103	4	21		0
12	104	3	22		0
13	105	0	30		5
14	106	0	32		7
15	107	3	22		0
16	108	3	22		0
17	109	0	29		4
18	110	0	37		12
19	111	0	35		10
20	112	4	21		0
21	113	1	24		0
22	114	8	17		0
23	115	0	25		0
24	116	0	27		2
25	117	5	20		0
26	118	8	17		0
27	119	0	28		3
28	120	1	24		0
29	121	0	32		7
30	122	0	32		7
Sums for month		87	730		67
7069	Accumulated heating degree days since July 1				
1537	Accumulated growing degree days since Jan. 1				
121	Accumulated cooling degree days since Apr. 1				