

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 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	In/Hg	Total	Diff	Hund	Tnth	1.5 Ft	Thou In
											Ins	Ins		Evap
1	93	73	52	62	81	31	56	28	0	0	3	0	72	248
2	94	66	46	56	90	34	62	19	548	0	0	0	77	205
3	95	64	47	55	70	32	51	22	589	0	0	0	111	269
4	96	67	44	55	83	28	55	22	647	0	0	0	79	164
5	97	61	50	55	97	76	86	6	217	0	28	0	43	148
6	98	71	55	63	95	61	78	8	358	0	2	0	63	149
7	99	64	46	55	91	60	75	9	389	0	1	0	96	143
8	100	67	46	56	94	40	67	17	678	0	0	0	53	230
9	101	75	54	64	77	27	52	31	679	0	0	0	60	273
10	102	76	60	68	72	30	51	41	676	0	0	0	89	369
11	103	83	62	72	65	28	46	46	617	0	0	0	72	304
12	104	87	65	76	81	33	57	49	685	0	0	0	82	370
13	105	88	69	78	71	35	53	56	638	0	0	0	79	387
14	106	81	55	68	97	43	70	14	353	0	25	0	55	214
15	107	NA	NA	NA	80	18	49	27	697	0	0	0	NA	NA
16	108	NA	NA	NA	95	49	72	14	342	0	124	0	127	420
17	109	81	64	72	94	59	76	16	611	0	77	0	81	426
18	110	84	68	76	88	48	68	32	674	0	0	0	93	315
19	111	88	67	77	94	41	67	23	418	0	30	0	68	259
20	112	73	61	67	89	59	74	16	279	0	6	0	51	128
21	113	75	56	65	94	35	64	24	610	0	7	0	94	313
22	114	72	53	62	93	42	67	20	594	0	0	0	63	251
23	115	80	60	70	77	37	57	35	492	0	0	0	61	208
24	116	78	61	69	93	57	75	21	302	0	22	0	76	195
25	117	77	57	67	77	40	58	28	584	0	0	0	80	272
26	118	73	53	63	89	33	61	22	512	0	18	0	72	231
27	119	70	51	60	93	41	67	17	490	0	16	0	74	225
28	120	65	54	59	78	46	62	18	504	0	15	0	87	183
29	121	75	56	65	78	35	56	28	572	0	8	0	60	243
30	122	78	62	70	79	47	63	34	239	0	0	0	56	129
Sums		2092	1574	1825	2555	1245	1895	743	14994	0	382	0	2174	7271
Average		74.7	56.2	60.8	85.2	41.5	63.2	0.025	499.8	0.0	0.13	0.0	75.0	0.251

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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	73	61	72	62	69	62	67	62	76	59	75	60	72	61	69	62
2	94	73	59	71	60	68	61	67	61	75	56	75	56	72	58	68	60
3	95	71	57	70	58	68	59	67	59	72	53	73	54	71	56	67	58
4	96	74	58	72	59	69	60	67	60	77	55	77	56	72	58	68	59
5	97	64	59	64	58	62	59	62	59	65	56	65	57	63	57	62	58
6	98	73	62	70	61	66	61	64	61	77	60	75	60	70	61	65	60
7	99	70	59	68	60	65	60	64	61	72	56	71	57	68	58	64	60
8	100	77	60	73	61	70	61	69	61	81	58	79	58	75	60	70	60
9	101	81	62	76	63	72	63	70	63	85	59	84	60	78	62	72	62
10	102	80	65	78	65	73	64	71	64	83	65	84	64	79	64	73	64
11	103	83	68	81	67	76	66	74	65	88	66	88	67	82	66	76	65
12	104	87	68	84	69	78	68	76	67	92	68	93	68	85	69	78	67
13	105	88	70	85	70	79	70	76	69	93	70	94	70	87	70	79	70
14	106	81	65	78	66	74	67	72	67	84	62	83	62	78	65	73	66
15	107	83	66	79	66	76	67	75	67	83	63	86	63	80	65	76	66
16	108	77	68	74	67	71	67	70	67	80	66	79	66	74	66	71	66
17	109	82	70	78	69	75	68	73	68	85	68	85	68	79	68	74	68
18	110	85	72	81	71	77	70	74	69	88	71	88	71	82	70	76	69
19	111	84	72	82	73	77	72	75	71	88	71	87	71	82	72	76	71
20	112	78	68	77	69	74	70	73	69	80	65	79	66	76	68	73	69
21	113	81	67	80	68	77	69	75	69	83	64	83	64	80	66	76	68
22	114	80	66	79	67	76	68	74	68	82	63	81	64	79	66	76	67
23	115	81	69	79	69	76	68	74	68	85	68	83	68	80	67	75	68
24	116	77	69	76	69	73	69	72	69	79	67	78	67	76	68	73	68
25	117	82	68	80	68	77	69	75	69	83	64	83	64	80	67	77	68
26	118	80	66	78	67	76	68	73	68	83	62	81	62	77	65	74	67
27	119	77	64	76	65	72	66	71	66	79	61	79	61	75	63	71	65
28	120	75	64	75	65	72	65	71	66	77	60	76	60	74	63	71	65
29	121	80	66	79	66	75	66	73	66	83	65	83	65	79	64	75	65
30	122	74	68	73	68	71	68	70	67	75	67	75	67	73	67	71	67
Sums		2351	1956	2288	1966	2184	1971	2134	1966	2433	1888	2422	1896	2298	1930	2169	1948
Averages		78.4	65.2	76.3	65.5	72.8	65.7	71.1	65.5	81.1	62.9	80.7	63.2	76.6	64.3	72.3	64.9

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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	3	22		0
2	94	9	16		0
3	95	10	15		0
4	96	10	15		0
5	97	10	15		0
6	98	2	23		0
7	99	10	15		0
8	100	9	16		0
9	101	1	24		0
10	102	0	28		3
11	103	0	32		7
12	104	0	36		11
13	105	0	38		13
14	106	0	28		3
15	107	0	0		0
16	108	0	0		0
17	109	0	32		7
18	110	0	36		11
19	111	0	37		12
20	112	0	27		2
21	113	0	25		0
22	114	3	22		0
23	115	0	30		5
24	116	0	29		4
25	117	0	27		2
26	118	2	23		0
27	119	5	20		0
28	120	6	19		0
29	121	0	25		0
30	122	0	30		5
Sums for month		80	705		85
6408	Accumulated heating degree days since July 1				
1538	Accumulated growing degree days since Jan. 1				
104	Accumulated cooling degree days since Apr. 1				