

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 September 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	Thou In/Hg	Gm Cal/Cm2 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	185	65	45	55	79	31	55	32	418	0	4	0	93	206
2	186	60	41	50	93	42	67	11	420	0	0	0	59	199
3	187	68	49	58	93	33	63	17	445	0	10	0	115	125
4	188	67	55	61	94	55	74	11	200	0	18	0	71	2
5	189	79	59	69	94	38	66	30	419	0	66	0	103	424
6	190	62	55	58	96	76	86	5	83	0	11	0	24	11
7	191	66	51	58	96	54	75	10	250	0	20	0	32	114
8	192	65	49	57	82	40	61	17	382	0	11	0	80	210
9	193	63	47	55	96	50	73	9	352	0	9	0	77	165
10	194	61	46	53	94	49	71	13	344	0	0	0	80	228
11	195	63	42	52	96	42	69	11	421	0	0	0	63	31
12	196	70	46	58	97	36	66	13	450	0	0	0	34	119
13	197	76	48	62	96	41	68	14	434	0	0	0	34	134
14	198	77	53	65	97	56	76	15	320	0	0	0	37	111
15	199	75	56	65	96	58	77	11	210	0	5	0	43	83
16	200	78	57	67	96	54	75	15	380	0	0	0	45	102
17	201	79	57	68	98	48	73	14	373	0	0	0	26	222
18	202	80	62	71	97	44	70	13	371	0	2	0	25	120
19	203	81	60	70	94	43	68	19	379	0	0	0	51	165
20	204	78	56	67	98	41	69	15	385	0	0	0	37	153
21	205	78	57	67	98	55	76	15	380	0	0	0	64	185
22	206	79	58	68	98	50	74	13	338	0	0	0	56	106
23	207	75	55	65	95	33	64	19	368	0	0	0	59	189
24	208	83	58	70	97	39	68	24	380	0	0	0	33	195
25	209	85	62	73	97	46	71	22	371	0	0	0	36	111
26	210	86	63	74	97	43	70	21	359	0	0	0	18	128
27	211	88	64	76	97	47	72	18	313	0	0	0	17	139
28	212	87	56	71	79	38	58	31	321	0	1	0	87	284
29	213	61	47	54	81	49	65	14	192	0	0	0	81	69
30	214	60	47	53	95	51	73	11	222	0	25	0	85	45
Sums		2195	1601	1890	2816	1382	2093	483	10280	0	182	0	1665	4375
Average		73.2	53.4	63.0	93.9	46.1	69.8	0.016	342.7	0.0	0.06	0.0	55.5	0.146

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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	185	73	59	72	61	72	63	72	64	73	54	75	55	74	58	72	62
2	186	70	59	70	60	68	62	68	63	71	55	73	55	71	58	68	61
3	187	68	60	67	60	67	62	66	62	73	57	75	57	70	59	67	61
4	188	68	61	68	61	66	63	66	63	70	59	70	59	68	61	66	62
5	189	73	63	72	63	70	63	69	64	77	62	78	61	75	62	71	63
6	190	67	63	67	63	67	64	67	64	67	61	67	61	67	62	67	63
7	191	70	63	69	63	68	64	68	65	72	60	72	60	70	62	68	63
8	192	72	60	71	61	71	63	70	63	70	58	75	58	73	60	71	62
9	193	69	59	68	60	67	61	67	62	71	55	71	55	69	58	67	60
10	194	67	57	66	59	65	60	65	61	67	54	68	54	67	57	65	59
11	195	69	57	68	58	68	61	67	61	71	53	72	54	70	57	68	60
12	196	70	59	70	59	70	61	69	62	76	56	76	56	73	57	70	60
13	197	74	61	72	61	71	62	70	63	79	59	79	58	75	60	71	62
14	198	73	63	71	63	70	64	69	64	77	61	77	61	73	62	70	63
15	199	73	65	71	65	70	65	69	65	75	63	75	63	73	64	70	65
16	200	77	64	74	65	73	65	71	66	82	62	81	62	77	64	73	65
17	201	77	66	75	66	74	66	72	66	82	64	82	64	78	65	74	66
18	202	77	67	76	66	74	65	73	67	82	66	82	65	79	66	74	66
19	203	77	66	75	66	73	67	72	68	82	64	82	64	78	66	74	67
20	204	77	66	75	66	74	67	73	67	82	63	83	64	78	65	75	67
21	205	77	65	75	66	74	67	73	67	81	63	82	64	79	65	74	66
22	206	78	64	76	65	75	66	73	66	82	62	83	62	79	64	75	65
23	207	75	63	74	64	73	65	72	66	78	60	80	61	77	63	74	65
24	208	78	65	76	65	75	66	74	66	82	63	85	63	80	64	76	65
25	209	80	68	78	67	76	68	75	68	85	67	87	67	83	67	77	67
26	210	81	69	79	69	77	70	76	70	86	68	88	68	83	69	78	69
27	211	82	69	79	70	77	70	76	70	86	68	87	68	83	70	78	70
28	212	81	64	79	66	77	67	76	68	86	62	88	63	83	65	78	67
29	213	68	59	68	61	69	63	69	64	68	55	70	56	69	59	69	62
30	214	68	58	66	59	66	62	66	63	69	54	71	54	68	58	66	61
Sums		2209	1882	2167	1898	2137	1932	2113	1948	2302	1808	2334	1812	2242	1867	2146	1914
Averages		73.6	62.7	72.2	63.3	71.2	64.4	70.4	64.9	76.7	60.3	77.8	60.4	74.7	62.2	71.5	63.8

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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	185	10	15		0
2	186	15	10		0
3	187	7	18		0
4	188	4	21		0
5	189	0	29		4
6	190	7	18		0
7	191	7	18		0
8	192	8	17		0
9	193	10	15		0
10	194	12	13		0
11	195	13	12		0
12	196	7	18		0
13	197	3	22		0
14	198	0	25		0
15	199	0	25		0
16	200	0	27		2
17	201	0	28		3
18	202	0	31		6
19	203	0	30		5
20	204	0	27		2
21	205	0	27		2
22	206	0	28		3
23	207	0	25		0
24	208	0	30		5
25	209	0	33		8
26	210	0	34		9
27	211	0	36		11
28	212	0	31		6
29	213	11	14		0
30	214	12	13		0
Sums for month		126	690		66
183	Accumulated heating degree days since July 1				
3924	Accumulated growing degree days since Jan. 1				
398	Accumulated cooling degree days since Apr. 1				