

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 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	185	77	61	69	91	60	75	0	25	0	20	0	42	103
2	186	72	56	64	90	45	67	20	456	0	0	0	84	209
3	187	71	47	59	94	42	68	14	492	0	0	0	6	221
4	188	73	48	60	89	38	63	18	528	0	0	0	111	208
5	189	79	55	67	91	27	59	24	502	0	0	0	34	141
6	190	83	57	70	87	31	59	31	506	0	0	0	56	301
7	191	85	62	73	85	36	60	32	493	0	0	0	37	216
8	192	89	63	76	92	46	69	29	388	0	2	0	37	224
9	193	90	70	80	94	46	70	23	352	0	34	0	74	254
10	194	81	64	72	94	56	75	20	307	0	0	0	32	192
11	195	90	67	78	86	42	64	38	419	0	11	0	127	329
12	196	72	49	60	91	34	62	21	493	0	0	0	81	277
13	197	76	49	62	89	31	60	24	406	0	0	0	39	165
14	198	84	54	69	80	33	56	38	453	0	0	0	69	245
15	199	72	43	57	93	48	70	17	322	0	0	0	77	198
16	200	69	44	56	93	33	63	15	481	0	2	0	40	154
17	201	77	46	61	70	39	54	30	454	0	0	0	126	216
18	202	77	63	70	93	50	71	20	201	0	140	0	111	212
19	203	80	62	71	94	51	72	15	320	0	29	0	39	251
20	204	79	57	68	93	43	68	20	418	0	1	0	38	190
21	205	84	55	69	85	31	58	31	435	0	0	0	60	223
22	206	80	55	67	81	26	53	31	433	0	0	0	40	186
23	207	84	55	69	81	31	56	34	411	0	0	0	43	185
24	208	70	46	58	93	65	79	10	104	0	0	0	70	211
25	209	63	40	51	89	42	65	14	391	0	0	0	64	60
26	210	62	42	52	85	28	56	19	430	0	0	0	38	122
27	211	72	50	61	89	46	67	18	290	0	6	0	116	201
28	212	70	47	58	76	22	49	26	430	0	0	0	61	157
29	213	73	46	59	94	28	61	25	390	0	10	0	98	136
30	214	59	52	55	93	66	79	10	128	0	23	0	71	173
Sums		2293	1605	1941	2655	1216	1928	667	11458	0	278	0	1921	5960
Average		76.4	53.5	64.7	88.5	40.5	64.3	0.022	381.9	0.0	0.09	0.0	64.0	0.199

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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	82	69	80	70	77	71	77	72	82	65	82	66	80	69	77	71
2	186	81	66	80	67	78	69	77	69	80	62	82	63	81	66	78	68
3	187	81	64	79	65	77	68	76	69	82	59	84	60	81	64	77	67
4	188	82	64	79	66	77	68	76	69	84	60	84	62	81	65	77	67
5	189	83	66	80	66	78	67	76	69	87	62	87	63	83	65	78	67
6	190	87	66	83	67	79	69	77	70	91	65	90	66	85	67	80	69
7	191	88	69	84	69	80	70	79	70	92	68	91	68	86	69	81	70
8	192	89	72	84	71	80	72	78	72	93	71	91	71	86	71	80	72
9	193	88	75	85	75	81	74	79	74	91	73	89	74	86	74	81	74
10	194	84	73	82	73	80	73	78	72	85	71	85	71	82	72	79	72
11	195	83	69	82	70	79	72	78	72	86	65	88	67	84	70	79	72
12	196	82	65	81	67	80	69	79	70	80	60	83	62	83	65	79	68
13	197	79	64	77	65	76	67	76	68	82	61	82	62	79	65	77	67
14	198	84	65	81	66	79	67	77	68	88	62	88	63	84	65	79	67
15	199	77	61	75	63	74	66	73	67	78	58	78	60	77	63	74	66
16	200	80	61	77	63	75	65	74	67	82	58	81	60	79	62	75	65
17	201	77	62	74	63	73	63	71	64	80	59	78	60	76	62	72	64
18	202	73	66	72	66	71	66	71	66	75	65	74	65	73	66	71	66
19	203	79	69	77	69	75	69	74	69	81	67	81	67	78	68	75	69
20	204	82	68	81	69	78	70	77	70	84	65	84	65	82	67	78	69
21	205	82	66	81	68	78	69	77	69	83	61	84	62	81	65	78	68
22	206	79	66	78	67	76	68	75	62	81	62	82	63	80	65	76	67
23	207	81	66	79	67	77	67	76	68	83	63	85	63	82	64	77	67
24	208	71	62	71	63	71	64	71	65	70	57	70	58	70	61	70	63
25	209	71	57	71	59	70	61	70	63	71	51	73	53	72	57	70	60
26	210	70	58	70	59	70	61	69	62	71	53	73	54	73	57	70	60
27	211	67	58	66	59	65	59	66	60	69	55	70	56	68	58	66	59
28	212	71	58	71	59	70	61	69	62	74	54	76	56	74	58	71	61
29	213	70	59	68	59	66	61	66	62	73	56	74	56	71	58	67	61
30	214	65	60	64	60	64	61	64	62	65	56	65	57	64	58	63	60
Sums		2368	1944	2312	1970	2254	2007	2226	2022	2423	1844	2434	1873	2361	1936	2255	1996
Averages		78.9	64.8	77.1	65.7	75.1	66.9	74.2	67.4	80.8	61.5	81.1	62.4	78.7	64.5	75.2	66.5

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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	0	29		4
2	186	1	24		0
3	187	6	19		0
4	188	5	20		0
5	189	0	27		2
6	190	0	30		5
7	191	0	33		8
8	192	0	36		11
9	193	0	40		15
10	194	0	32		7
11	195	0	38		13
12	196	5	20		0
13	197	3	22		0
14	198	0	29		4
15	199	8	17		0
16	200	9	16		0
17	201	4	21		0
18	202	0	30		5
19	203	0	31		6
20	204	0	28		3
21	205	0	29		4
22	206	0	27		2
23	207	0	29		4
24	208	7	18		0
25	209	14	11		0
26	210	13	12		0
27	211	4	21		0
28	212	7	18		0
29	213	6	19		0
30	214	10	15		0
Sums for month		102	741		93
105	Accumulated heating degree days since July 1				
4317	Accumulated growing degree days since Jan. 1				
699	Accumulated cooling degree days since Apr. 1				