

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 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 Cal/Cm2 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	185	74	60	67	91	61	76	19	466	0	0	0	133	118
2	186	78	65	71	93	51	72	27	379	0	0	0	124	116
3	187	84	70	77	96	50	73	24	431	0	0	0	52	334
4	188	88	68	78	95	56	75	19	400	0	5	0	74	242
5	189	83	68	75	90	42	66	39	441	0	0	0	42	188
6	190	91	70	80	92	60	76	15	228	0	2	0	46	290
7	191	76	58	67	92	45	68	19	346	0	4	0	61	156
8	192	73	56	64	95	47	71	15	226	0	0	0	64	153
9	193	60	46	53	94	59	76	10	166	0	0	0	62	112
10	194	57	47	52	97	77	87	2	95	0	41	0	102	67
11	195	60	47	53	97	65	81	8	173	0	112	0	121	49
12	196	69	60	64	98	66	82	10	276	0	2	0	32	80
13	197	72	60	66	97	60	78	14	325	0	0	0	31	82
14	198	79	62	70	97	58	77	17	378	0	0	0	43	40
15	199	79	65	72	98	47	72	17	448	0	0	0	56	286
16	200	83	62	72	98	49	73	20	433	0	0	0	37	188
17	201	83	60	71	98	59	78	13	277	0	0	0	44	168
18	202	76	61	68	95	58	76	16	380	0	23	0	74	232
19	203	80	62	71	98	57	77	9	253	0	0	0	80	180
20	204	68	49	58	97	54	75	18	335	0	2	0	56	139
21	205	70	51	60	93	51	72	23	381	0	0	0	79	93
22	206	81	51	66	98	49	73	9	333	0	47	0	154	292
23	207	58	43	50	98	45	71	10	406	0	0	0	52	21
24	208	64	43	53	95	40	67	16	341	0	3	0	33	25
25	209	68	48	58	92	66	79	11	201	0	74	0	162	124
26	210	71	54	62	94	64	79	9	42	0	9	0	145	80
27	211	72	48	60	98	51	74	10	246	0	13	0	79	107
28	212	60	48	54	93	40	66	13	368	0	6	0	49	85
29	213	70	49	59	91	34	62	16	377	0	0	0	96	158
30	214	62	44	53	96	57	76	41	466	0	0	0	64	30
Sums		2189	1675	1924	2856	1618	2228	489	9617	0	343	0	2247	4235
Average		73.0	55.8	64.1	95.2	53.9	74.3	0.016	320.6	0.0	0.11	0.0	74.9	0.141

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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	76	69	76	70	75	70	74	71	84	66	82	67	78	68	75	69
2	186	79	71	78	71	78	71	76	71	90	69	87	70	83	70	78	71
3	187	85	73	83	73	82	72	80	72	95	72	92	73	89	73	82	72
4	188	87	73	84	73	82	74	80	74	100	71	95	72	89	73	83	74
5	189	85	74	84	74	83	74	82	74	99	73	93	74	89	74	84	71
6	190	88	75	86	75	85	75	83	75	101	74	97	75	92	75	86	75
7	191	80	70	79	71	80	72	79	73	84	66	82	68	81	70	80	72
8	192	79	68	79	69	77	70	76	71	89	63	85	65	81	68	77	70
9	193	71	62	71	64	72	66	72	67	73	56	73	58	72	62	72	65
10	194	66	58	67	60	67	63	68	64	69	54	68	56	67	60	76	63
11	195	65	57	64	59	64	61	65	63	66	54	64	56	64	58	64	61
12	196	71	65	70	64	69	64	69	65	77	65	74	64	71	64	69	64
13	197	76	67	74	67	73	67	72	67	82	67	79	67	76	66	72	66
14	198	79	70	78	69	77	69	76	69	88	69	85	69	81	69	77	69
15	199	80	71	78	71	78	70	77	70	89	69	86	70	82	71	78	70
16	200	84	71	82	72	82	71	80	71	95	68	92	70	88	71	83	71
17	201	82	70	82	71	81	72	80	72	93	66	90	68	87	70	82	72
18	202	76	70	75	70	75	70	74	71	82	67	80	68	78	70	75	72
19	203	82	69	80	70	79	70	77	71	88	66	85	67	82	69	78	70
20	204	75	63	74	65	74	66	67	73	77	57	76	59	75	62	73	65
21	205	74	64	73	65	73	66	72	67	81	61	79	61	75	63	72	66
22	206	77	62	75	63	75	64	74	65	85	58	83	58	79	60	74	64
23	207	72	60	71	62	71	63	70	64	74	52	72	54	71	58	70	62
24	208	71	59	71	61	72	62	71	64	78	64	76	56	74	59	72	62
25	209	67	60	67	61	67	62	67	63	74	57	72	58	69	59	67	62
26	210	68	60	67	61	67	62	67	63	73	58	71	59	68	61	67	62
27	211	71	59	70	61	69	62	68	63	74	54	72	56	71	59	68	61
28	212	67	60	67	62	67	62	66	63	69	56	67	57	67	59	66	62
29	213	71	60	71	62	70	62	70	63	76	57	75	58	72	60	70	62
30	214	70	57	70	58	70	59	69	61	74	52	72	53	72	56	69	59
31	215	62	58	62	59	62	60	63	61	62	55	62	55	61	57	62	59
Sums		2336	2025	2308	2053	2296	2071	2264	2101	2541	1936	2466	1961	2384	2014	2301	2063
Averages		75.4	65.3	74.5	66.2	74.1	66.8	73.0	67.8	82.0	62.5	79.5	63.3	76.9	65.0	74.2	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	27		2
2	186	0	31		6
3	187	0	37		12
4	188	0	38		13
5	189	0	35		10
6	190	0	40		15
7	191	0	27		2
8	192	1	24		0
9	193	12	13		0
10	194	13	12		0
11	195	12	13		0
12	196	1	24		0
13	197	0	26		1
14	198	0	30		5
15	199	0	32		7
16	200	0	32		7
17	201	0	31		6
18	202	0	28		3
19	203	0	31		6
20	204	7	18		0
21	205	5	20		0
22	206	0	26		1
23	207	15	10		0
24	208	12	13		0
25	209	7	18		0
26	210	3	22		0
27	211	5	20		0
28	212	11	14		0
29	213	6	19		0
30	214	12	13		0
Sums for month		122	724		96
140	Accumulated heating degree days since July 1				
4210	Accumulated growing degree days since Jan. 1				
634	Accumulated cooling degree days since Apr. 1				