

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 2015

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	82	61	71	94	52	73	19	408	0	0	63	172	
2	186	84	61	72	94	47	70	18	367	0	0	31	121	
3	187	84	63	73	94	53	73	20	391	0	0	21	143	
4	188	85	62	73	94	52	73	18	412	0	0	34	173	
5	189	82	63	72	94	50	72	19	404	0	0	45	194	
6	190	83	64	73	92	53	72	24	461	0	0	75	256	
7	191	85	65	75	88	47	67	25	458	0	0	47	228	
8	192	88	67	77	88	42	65	38	452	0	0	51	336	
9	193	90	67	78	77	38	57	41	418	0	0	52	145	
10	194	86	60	73	92	48	70	20	298	0	18	78	190	
11	195	71	55	63	91	50	70	16	294	0	0	68	134	
12	196	74	56	65	92	37	64	20	449	0	0	61	287	
13	197	60	54	57	95	84	89	4	60	0	103	86	136	
14	198	58	51	54	88	63	75	10	145	0	18	149	15	
15	199	69	51	60	83	39	61	22	443	0	0	99	123	
16	200	78	52	65	91	41	66	20	461	0	0	42	170	
17	201	81	57	69	94	40	67	20	447	0	0	31	165	
18	202	81	56	68	92	41	66	19	410	0	0	36	140	
19	203	82	56	69	78	37	57	32	411	0	0	61	225	
20	204	75	54	64	92	57	74	16	158	0	82	101	238	
21	205	63	43	53	94	33	63	14	439	0	0	61	138	
22	206	65	43	54	93	37	65	16	383	0	0	55	124	
23	207	71	45	58	94	49	71	15	368	0	0	40	141	
24	208	73	46	59	94	52	73	14	433	0	0	44	139	
25	209	74	49	61	84	52	68	17	390	0	0	46	127	
26	210	73	48	60	86	40	63	22	361	0	0	52	123	
27	211	71	49	60	91	70	80	13	360	0	0	60	168	
28	212	73	53	63	95	81	88	5	366	0	0	110	131	
29	213	69	60	64	92	61	76	8	155	0	6	72	12	
30	214	71	55	63	82	54	68	11	82	0	257	84	216	
Sums		2281	1666	1966	2708	1500	2096	556	10684	0	484	1855	4910	
Average		76.0	55.5	65.5	90.3	50.0	69.9	0.019	356.1	0.0	0.16	61.8	0.164	

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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	69	77	70	76	70	88	67	86	68	84	65	78	70
2	186	84	70	82	70	79	70	77	70	90	68	61	69	85	70	79	70
3	187	84	71	82	71	79	70	77	71	90	70	90	71	85	70	79	70
4	188	84	70	82	71	80	72	78	72	90	69	91	70	86	71	81	72
5	189	83	70	80	70	80	71	78	72	89	69	89	70	85	71	80	71
6	190	82	70	80	71	78	71	77	71	89	69	89	70	84	71	79	71
7	191	84	71	82	71	81	71	79	72	92	71	91	72	87	72	82	72
8	192	88	73	86	72	84	73	82	73	95	72	96	73	91	73	85	73
9	193	88	73	86	73	83	74	81	74	95	72	95	73	90	74	84	75
10	194	82	68	80	69	79	70	78	71	87	65	87	66	82	68	80	70
11	195	77	83	76	65	75	67	74	68	78	59	78	61	77	64	75	67
12	196	80	65	78	66	77	68	76	68	85	63	86	64	82	65	77	67
13	197	68	62	68	63	69	65	69	66	66	59	66	60	68	62	68	64
14	198	65	59	65	61	66	62	67	64	63	55	63	66	64	59	65	62
15	199	73	60	72	62	72	62	71	64	75	57	75	58	74	59	72	62
16	200	79	62	77	63	75	63	73	65	83	60	83	60	80	61	75	63
17	201	80	66	78	65	77	66	75	66	85	64	85	64	81	64	77	65
18	202	79	66	78	67	77	68	75	68	84	63	84	64	81	66	77	67
19	203	78	67	77	67	76	68	74	68	83	65	84	65	81	66	76	67
20	204	72	63	71	64	71	66	70	66	73	60	73	60	72	63	70	65
21	205	73	60	71	61	72	63	71	65	73	54	74	55	73	59	71	63
22	206	71	61	69	62	69	63	68	64	73	57	72	57	70	59	68	62
23	207	72	60	71	61	71	63	70	63	75	56	76	57	74	60	71	62
24	208	74	61	72	62	72	63	71	64	78	57	79	58	75	60	71	62
25	209	74	61	72	62	71	63	70	64	78	58	78	59	75	61	72	63
26	210	74	61	72	62	71	64	70	64	79	57	79	59	75	61	72	63
27	211	72	60	71	61	70	63	69	64	77	57	77	58	74	60	71	62
28	212	69	61	68	61	68	62	67	63	73	58	73	59	71	61	68	62
29	213	69	63	67	63	67	63	67	64	71	63	70	62	68	63	67	63
30	214	70	63	68	63	68	65	68	65	72	60	71	61	69	63	68	64
Sums		2310	1969	2261	1968	2234	1999	2198	2019	2429	1874	2401	1909	2343	1941	2238	1989
Averages		77.0	65.6	75.4	65.6	74.5	66.6	73.3	67.3	81.0	62.5	80.0	63.6	78.1	64.7	74.6	66.3

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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	31		6
2	186	0	32		7
3	187	0	33		8
4	188	0	33		8
5	189	0	32		7
6	190	0	33		8
7	191	0	35		10
8	192	0	37		12
9	193	0	38		13
10	194	0	33		8
11	195	2	23		0
12	196	0	25		0
13	197	8	17		0
14	198	11	14		0
15	199	5	20		0
16	200	0	25		0
17	201	0	29		4
18	202	0	28		3
19	203	0	29		4
20	204	1	24		0
21	205	12	13		0
22	206	11	14		0
23	207	7	18		0
24	208	6	19		0
25	209	4	21		0
26	210	5	20		0
27	211	5	20		0
28	212	2	23		0
29	213	1	24		0
30	214	2	23		0
Sums for month		82	766		98
136	Accumulated heating degree days since July 1				
4001	Accumulated growing degree days since Jan. 1				
434	Accumulated cooling degree days since Apr. 1				