

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 August 2013

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	154	78	58	68	87	46	66	25	481	416	0	0	231	
2	155	76	60	68	90	56	73	17	324	317	5	0	179	
3	156	75	61	68	91	50	70	17	399	332	23	0	163	
4	157	75	57	66	84	38	61	24	550	507	0	0	291	
5	158	70	53	61	87	46	66	19	489	486	0	0	216	
6	159	73	54	63	91	39	65	19	471	432	0	0	180	
7	160	78	56	67	80	39	59	26	473	468	0	0	203	
8	161	78	64	71	94	61	77	18	346	332	16	0	247	
9	162	81	66	73	94	62	78	12	405	384	56	0	154	
10	163	76	63	69	93	62	77	15	205	201	30	0	149	
11	164	76	52	64	93	49	71	18	555	518	0	0	255	
12	165	74	58	66	87	43	65	22	567	514	0	0	188	
13	166	77	60	68	95	49	72	20	398	372	145	0	214	
14	167	73	53	63	94	56	75	16	317	214	16	0	146	
15	168	66	52	59	89	46	67	16	392	175	0	0	246	
16	169	73	51	62	91	41	66	22	454	144	0	0	224	
17	170	75	52	63	92	38	65	19	473	154	0	0	193	
18	171	77	57	67	92	38	65	20	481	140	0	0	276	
19	172	76	60	68	85	47	66	21	344	277	0	0	24	
20	173	80	58	69	92	41	66	23	451	220	0	0	181	
21	174	82	59	70	90	42	66	24	479	268	0	0	222	
22	175	85	60	72	89	41	65	27	445	284	0	0	191	
23	176	84	57	70	92	51	71	20	391	245	4	0	229	
24	177	72	51	61	95	47	71	15	502	351	0	0	342	
25	178	75	52	63	93	41	67	18	507	377	0	0	196	
26	179	80	58	69	88	38	63	25	440	336	3	0	70	
27	180	80	67	73	93	60	76	13	155	155	83	0	120	
28	181	84	67	75	95	56	75	15	319	309	0	0	113	
29	182	82	66	74	95	63	79	15	313	304	22	0	190	
30	183	82	60	71	95	54	74	14	408	390	0	0	194	
31	184	83	60	71	90	43	66	24	381	377	2	0	130	
Sums		2396	1802	2092	2816	1483	2143	599	12915	9999	405	0	5957	
Average		77.3	58.1	67.5	90.8	47.8	69.1	0.019	416.6	322.5	0.13	0.0	0.192	

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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	154	84	65	79	67	77	67	76	68	87	65	87	64	83	66	78	67
2	155	83	64	79	66	78	68	77	69	85	63	85	65	82	67	78	69
3	156	82	65	77	67	76	68	75	69	82	64	81	65	79	67	76	68
4	157	84	61	80	64	78	67	77	68	89	61	89	63	85	66	80	68
5	158	80	58	76	61	75	65	74	67	85	58	85	60	81	64	77	66
6	159	83	62	77	63	76	65	75	67	87	62	87	62	82	64	77	66
7	160	83	64	77	65	76	67	75	68	88	65	88	65	83	66	77	68
8	161	79	67	76	67	74	68	73	69	84	68	83	68	76	69	75	69
9	162	89	69	83	69	78	70	76	70	90	69	89	70	84	70	70	78
10	163	79	65	78	67	77	68	77	69	80	63	81	65	80	66	77	68
11	164	81	62	78	65	76	67	75	69	81	60	84	62	82	65	77	68
12	165	83	64	79	65	78	67	77	68	87	63	89	63	85	65	80	67
13	166	83	67	79	68	76	69	75	69	88	67	87	67	82	68	77	69
14	167	78	58	77	61	75	64	75	66	80	56	80	58	78	61	76	65
15	168	74	58	73	61	72	63	72	65	75	55	78	57	76	60	73	64
16	169	78	60	75	62	73	63	73	64	82	58	82	58	79	61	75	63
17	170	81	62	77	64	75	65	75	66	87	61	87	61	82	63	77	65
18	171	82	64	77	65	77	66	76	67	87	64	88	63	84	65	78	67
19	172	79	65	76	66	75	68	75	69	85	64	84	66	80	68	76	69
20	173	83	66	80	67	78	68	77	69	90	66	91	66	86	67	80	68
21	174	85	67	81	68	80	69	78	70	93	67	93	67	88	69	81	70
22	175	85	68	82	69	80	7	79	71	93	69	93	69	88	70	82	71
23	176	85	65	82	67	78	70	77	71	94	64	93	66	86	68	79	70
24	177	80	62	77	64	77	68	77	69	87	61	88	63	84	66	80	69
25	178	81	64	78	65	79	68	78	69	88	63	90	64	86	66	81	68
26	179	82	65	79	66	77	68	76	69	91	64	90	65	85	67	79	68
27	180	79	69	77	69	74	70	74	70	83	68	81	68	77	70	74	70
28	181	83	70	81	70	79	70	78	70	89	70	88	69	83	70	79	70
29	182	82	69	80	70	78	71	77	71	87	67	86	68	82	70	78	71
30	183	82	68	80	70	79	71	78	71	86	66	87	67	84	70	80	70
31	184	82	69	80	70	79	70	78	71	88	67	87	67	84	69	79	70
Sums		2534	2002	2430	2048	2380	2035	2355	2128	2678	1978	2681	2001	2556	2063	2406	2119
Averages		81.7	64.6	78.4	66.1	76.8	65.6	76.0	68.6	86.4	63.8	86.5	64.5	82.5	66.5	77.6	68.4

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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	154	0	28		3
2	155	0	28		3
3	156	0	28		3
4	157	0	26		1
5	158	4	21		0
6	159	2	23		0
7	160	0	27		2
8	161	0	31		6
9	162	0	33		8
10	163	0	29		4
11	164	1	24		0
12	165	0	26		1
13	166	0	28		3
14	167	2	23		0
15	168	6	19		0
16	169	3	22		0
17	170	2	23		0
18	171	0	27		2
19	172	0	28		3
20	173	0	29		4
21	174	0	30		5
22	175	0	32		7
23	176	0	30		5
24	177	4	21		0
25	178	2	23		0
26	179	0	29		4
27	180	0	33		8
28	181	0	35		10
29	182	0	34		9
30	183	0	31		6
31	184	0	31		6
Sums for month		26	852		103

40 Accumulated heating degree days since July 1
 3425 Accumulated growing degree days since Jan. 1
 461 Accumulated cooling degree days since Apr. 1