

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 2015

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	154	82	63	72	79	34	56	41	636	0	0	0	87	470
2	155	76	57	66	85	37	61	30	584	0	0	0	78	276
3	156	82	64	73	71	31	51	44	621	0	0	0	86	166
4	157	79	60	69	91	45	68	23	458	0	1	0	66	214
5	158	75	60	67	89	46	67	0	33	0	0	0	61	185
6	159	73	56	64	84	41	62	23	572	0	0	0	95	228
7	160	73	52	62	93	42	67	18	525	0	0	0	56	198
8	161	75	52	63	93	40	66	19	590	0	0	0	62	267
9	162	71	54	62	94	47	70	16	384	0	0	0	63	104
10	163	79	60	69	90	33	61	22	584	0	0	0	32	164
11	164	81	63	72	93	54	73	18	387	0	73	0	120	0
12	165	76	61	68	89	52	70	18	437	0	6	0	101	253
13	166	72	53	62	83	53	68	19	440	0	0	0	89	286
14	167	75	54	64	85	36	60	27	607	0	0	0	50	230
15	168	81	64	72	89	52	70	24	427	0	0	0	56	148
16	169	81	62	71	93	55	74	17	490	0	3	0	40	227
17	170	85	64	74	90	36	63	29	555	0	0	0	35	265
18	171	87	64	75	92	42	67	28	550	0	0	0	43	238
19	172	86	65	75	92	52	72	17	368	0	75	0	53	227
20	173	83	68	75	82	57	69	29	430	0	0	0	122	241
21	174	79	59	69	93	67	80	14	239	0	105	0	111	224
22	175	73	56	64	93	41	67	19	493	0	0	0	70	243
23	176	73	54	63	93	50	71	14	474	0	0	0	47	170
24	177	76	59	67	82	41	61	25	524	0	0	0	51	185
25	178	76	55	65	88	42	65	20	344	0	0	0	57	154
26	179	70	56	63	83	50	66	19	277	0	0	0	47	113
27	180	69	57	63	82	51	66	18	288	0	0	0	70	131
28	181	67	51	59	92	60	76	11	344	0	0	0	77	119
29	182	72	52	62	93	47	70	15	442	0	0	0	34	155
30	183	76	59	67	92	50	71	18	352	0	0	0	33	114
31	184	79	63	71	94	52	73	19	346	0	0	0	28	120
Sums		2382	1817	2088	2742	1436	2081	654	13801	0	263	0	2020	6115
Average		76.8	58.6	67.4	88.5	46.3	67.1	0.021	445.2	0.0	0.08	0.0	65.2	0.197

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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	87	69	86	70	83	71	82	71	91	67	94	68	89	70	84	71
2	155	83	69	82	69	81	71	80	71	87	67	89	68	86	70	81	71
3	156	84	70	82	70	80	70	78	71	90	70	91	71	86	70	86	70
4	157	83	69	81	70	79	71	78	71	88	68	89	68	84	70	80	71
5	158	81	68	79	69	78	70	77	70	85	66	86	67	82	69	78	70
6	159	82	65	80	66	79	68	78	69	85	62	88	64	84	66	79	68
7	160	82	65	79	66	77	68	76	69	86	63	87	64	82	67	78	69
8	161	82	64	79	65	78	68	77	69	86	62	88	63	83	66	79	68
9	162	76	63	75	64	74	66	73	67	79	61	80	62	77	65	74	66
10	163	86	68	82	67	80	68	78	69	91	67	91	68	86	67	81	68
11	164	80	70	78	70	75	70	74	70	85	69	85	69	80	70	75	70
12	165	82	67	81	68	79	69	78	69	84	64	85	64	82	65	79	68
13	166	79	65	78	66	77	67	76	68	80	61	80	61	78	64	67	76
14	167	84	69	82	69	80	69	78	69	87	67	89	67	85	67	80	68
15	168	82	71	80	71	78	70	76	70	85	71	87	71	82	70	78	70
16	169	85	71	83	71	81	72	79	72	90	70	91	70	86	72	81	72
17	170	81	72	86	72	83	72	81	72	93	71	95	72	89	72	84	72
18	171	90	74	87	73	84	73	82	73	95	72	97	74	91	73	85	73
19	172	86	73	83	73	80	73	79	73	90	71	92	71	86	73	81	73
20	173	81	73	80	73	79	73	78	73	85	72	85	72	82	73	78	73
21	174	78	69	77	70	76	70	75	71	80	66	80	66	78	68	75	69
22	175	81	66	80	67	79	68	78	69	82	63	83	64	82	66	79	68
23	176	79	65	78	66	77	67	76	68	81	61	83	61	79	64	77	67
24	177	79	68	78	68	77	68	67	69	82	65	84	65	81	66	78	68
25	178	80	66	79	67	77	68	76	69	83	63	85	64	81	67	77	68
26	179	75	66	74	66	72	67	71	68	76	63	78	64	75	65	72	67
27	180	74	64	73	65	71	66	71	67	76	61	77	62	74	64	71	66
28	181	72	62	71	63	70	65	70	66	74	58	76	59	73	62	71	65
29	182	76	64	75	65	74	65	73	66	80	62	81	63	76	63	74	65
30	183	76	66	75	66	73	66	72	67	79	64	81	64	77	65	73	66
31	184	80	69	78	69	75	69	74	69	84	68	85	68	80	69	76	69
Sums		2506	2100	2461	2114	2406	2138	2361	2155	2619	2035	2662	2054	2536	2098	2411	2145
Averages		80.8	67.7	79.4	68.2	77.6	69.0	76.2	69.5	84.5	65.6	85.9	66.3	81.8	67.7	77.8	69.2

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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	32		7
2	155	0	26		1
3	156	0	33		8
4	157	0	29		4
5	158	0	27		2
6	159	1	24		0
7	160	3	22		0
8	161	2	23		0
9	162	3	22		0
10	163	0	29		4
11	164	0	32		7
12	165	0	28		3
13	166	3	22		0
14	167	1	24		0
15	168	0	32		7
16	169	0	31		6
17	170	0	34		9
18	171	0	35		10
19	172	0	35		10
20	173	0	35		10
21	174	0	29		4
22	175	1	24		0
23	176	2	23		0
24	177	0	27		2
25	178	0	25		0
26	179	2	23		0
27	180	2	23		0
28	181	6	19		0
29	182	3	22		0
30	183	0	27		2
31	184	0	31		6
Sums for month		29	848		102

54 Accumulated heating degree days since July 1
 3235 Accumulated growing degree days since Jan. 1
 336 Accumulated cooling degree days since Apr. 1

