

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

July

2014

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Gm Cal/Cm2 Total	Diff				
1	123	88	70	79	86	42	64	33	572	195	0	0	64	276
2	124	89	69	79	90	41	65	36	480	244	15	0	94	353
3	125	86	68	77	86	47	66	27	340	205	0	0	53	148
4	126	76	58	67	91	60	75	14	238	171	10	0	69	306
5	127	71	56	63	79	39	59	24	512	216	0	0	129	147
6	128	78	57	67	65	31	48	40	62	147	0	0	97	355
7	129	82	62	72	81	29	55	38	551	166	0	0	87	360
8	130	78	65	71	91	63	77	18	327	232	10	0	75	102
9	131	86	59	72	83	49	66	27	462	250	10	0	104	283
10	132	76	53	64	92	56	74	12	433	200	32	0	60	190
11	133	74	52	63	91	43	67	20	708	114	0	0	54	264
12	134	78	54	66	89	37	63	26	678	114	0	0	40	211
13	135	84	66	75	81	46	63	31	473	234	0	0	65	242
14	136	77	64	70	91	64	77	16	203	148	20	0	73	86
15	137	80	65	72	94	56	75	13	390	270	104	0	37	239
16	138	79	54	66	90	46	68	22	439	241	15	0	77	221
17	139	72	55	63	85	50	67	20	498	217	0	0	73	200
18	140	73	55	64	86	34	60	21	533	206	0	0	66	177
19	141	78	57	67	89	35	62	24	640	188	0	0	39	271
20	142	76	61	68	92	41	66	17	320	230	15	0	41	126
21	143	78	62	70	87	47	67	23	536	249	0	0	49	164
22	144	83	63	73	94	51	72	20	589	290	0	0	40	234
23	145	87	65	76	85	49	67	29	601	290	0	0	49	232
24	146	84	58	71	89	59	74	19	368	235	13	0	104	213
25	147	69	54	61	84	41	62	20	668	340	0	0	96	297
26	148	77	54	65	88	39	63	26	592	353	0	0	56	256
27	149	0	0	0	88	40	64	32	498	341	10	0	60	258
28	150	82	54	68	95	43	69	24	498	341	110	0	77	355
29	151	64	54	59	94	77	85	0	568	363	282	0	113	0
30	152	68	54	61	88	49	68	14	28	17	1	0	57	156
31	153	73	52	62	95	50	72	1	351	26	84	0	57	285
Sums		2346	1770	2051	2719	1454	2080	687	14156	6833	731	0	2155	7007
Average		75.7	57.1	66.2	87.7	46.9	67.1	0.022	456.6	220.4	0.24	0.0	69.5	0.226

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 July 2014

		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	123	88	73	83	73	81	72	79	72	96	73	96	74	90	73	82	72
2	124	87	73	84	73	82	73	80	73	93	74	94	74	89	75	83	74
3	125	86	72	83	72	80	72	78	80	90	71	90	71	86	72	80	72
4	126	81	66	78	67	75	68	74	69	83	63	82	64	78	66	75	68
5	127	79	62	77	64	75	66	74	67	82	59	84	61	80	64	75	66
6	128	83	64	80	66	78	67	77	68	90	64	91	65	86	66	79	67
7	129	87	67	83	68	79	68	77	69	95	67	96	68	89	68	80	69
8	130	79	69	76	69	74	69	73	70	82	68	80	69	77	70	74	70
9	131	83	67	80	68	76	69	74	70	89	65	89	66	83	68	76	69
10	132	81	63	77	65	74	67	73	67	83	60	82	61	77	64	74	66
11	133	85	63	81	65	78	67	76	68	89	60	90	62	83	65	78	67
12	134	85	68	82	67	79	68	77	68	92	67	94	67	87	67	80	68
13	135	84	70	81	70	79	70	77	70	91	70	91	71	86	70	79	70
14	136	78	68	77	69	75	70	75	70	80	67	79	67	77	69	76	69
15	137	83	70	79	70	76	70	74	70	86	69	85	69	80	70	76	70
16	138	83	66	81	67	78	68	77	68	86	62	86	63	83	66	79	67
17	139	79	64	77	65	75	67	74	67	82	60	83	61	79	64	75	66
18	140	80	63	79	65	77	66	75	67	85	60	88	61	82	64	77	66
19	141	83	67	80	67	77	67	75	68	91	66	92	67	85	66	78	67
20	142	76	68	75	68	73	69	72	69	83	67	82	67	78	68	74	69
21	143	82	70	78	69	75	69	74	69	86	68	86	68	80	69	76	69
22	144	84	70	82	70	79	70	77	70	92	69	93	70	87	70	80	70
23	145	88	73	84	73	82	72	80	72	97	74	97	74	91	73	83	72
24	146	85	66	81	67	78	69	77	60	91	63	91	64	84	67	78	69
25	147	81	62	80	64	78	67	77	68	86	60	89	61	84	65	78	67
26	148	84	67	80	67	79	68	77	69	91	66	91	66	86	66	80	68
27	149	84	70	81	69	78	70	77	70	91	70	92	70	86	69	79	70
28	150	88	66	85	68	82	71	80	72	95	67	90	67	91	71	83	72
29	151	69	61	69	62	72	64	73	65	69	57	70	58	72	61	73	64
30	152	74	63	73	64	72	65	71	66	74	60	75	60	75	63	72	65
31	153	75	51	74	57	71	64	70	66	78	52	78	57	74	62	70	64
Sums		2544	2062	2460	2088	2387	2122	2344	2137	2698	2018	2686	2073	2565	2091	2402	2122
Averages		82.1	66.5	79.4	67.4	77.0	68.5	75.6	68.9	87.0	65.1	86.6	66.9	82.7	67.5	77.5	68.5

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 July 2014

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	123	0	39		14
2	124	0	39		14
3	125	0	37		12
4	126	0	27		2
5	127	2	23		0
6	128	0	27		2
7	129	0	32		7
8	130	0	31		6
9	131	0	32		7
10	132	1	24		0
11	133	2	23		0
12	134	0	26		1
13	135	0	35		10
14	136	0	30		5
15	137	0	32		7
16	138	0	26		1
17	139	2	23		0
18	140	1	24		0
19	141	0	27		2
20	142	0	28		3
21	143	0	30		5
22	144	0	33		8
23	145	0	36		11
24	146	0	31		6
25	147	4	21		0
26	148	0	25		0
27	149	65	0		0
28	150	0	28		3
29	151	6	19		0
30	152	4	21		0
31	153	3	22		0
Sums for month		90	851		126

90 Accumulated heating degree days since July 1
 2376 Accumulated growing degree days since Jan. 1
 257 Accumulated cooling degree days since Apr. 1