

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

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	123	76	60	68	93	58	75	0	187	0	88	0	66	0
2	124	72	58	65	88	59	73	15	468	0	20	0	96	164
3	125	72	50	61	89	37	63	17	617	0	0	0	78	392
4	126	73	58	65	86	31	58	27	606	0	0	0	43	265
5	127	75	54	64	93	57	75	15	579	0	7	0	62	181
6	128	79	58	68	92	41	66	23	629	0	1	0	37	232
7	129	80	61	70	89	58	73	23	507	0	0	0	74	221
8	130	86	58	72	93	38	65	23	549	0	52	0	86	336
9	131	68	56	62	92	52	72	13	450	0	2	0	52	166
10	132	66	58	62	94	68	81	8	175	0	118	0	88	65
11	133	76	60	68	88	35	61	25	682	0	0	0	79	390
12	134	80	58	69	89	39	64	26	656	0	0	0	50	156
13	135	81	63	72	91	47	69	23	522	0	0	0	21	145
14	136	83	64	73	91	37	64	33	613	0	10	0	76	346
15	137	76	54	65	9	63	36	12	266	0	39	0	82	176
16	138	64	51	57	91	52	71	13	462	0	0	0	98	169
17	139	71	52	61	93	42	67	19	665	0	0	0	41	235
18	140	72	56	64	91	59	75	18	275	0	40	0	96	374
19	141	85	68	76	93	53	73	24	554	0	0	0	55	320
20	142	88	68	78	88	48	68	35	502	0	0	0	65	263
21	143	81	64	72	75	38	56	38	576	0	0	0	44	272
22	144	76	61	68	90	43	66	27	482	0	17	0	92	215
23	145	73	57	65	77	38	57	28	665	0	0	0	106	285
24	146	74	55	64	79	35	57	27	596	0	0	0	84	249
25	147	79	56	67	83	31	57	31	646	0	0	0	60	245
26	148	78	63	70	93	56	74	17	317	0	34	0	65	149
27	149	81	60	70	94	49	71	17	532	0	0	0	39	175
28	150	84	62	73	91	39	65	27	620	0	0	0	37	0
29	151	86	64	75	89	39	64	32	628	0	0	0	43	189
30	152	88	65	76	91	37	64	42	547	0	0	0	56	357
31	153	82	64	73	90	41	65	34	583	0	33	0	93	332
Sums		2405	1836	2113	2685	1420	2045	712	16156	0	461	0	2064	7064
Average		77.6	59.2	68.2	86.6	45.8	66.0	0.023	521.2	0.0	0.15	0.0	66.6	0.228

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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	123	75	66	73	66	71	65	70	65	78	65	77	65	74	65	70	65
2	124	75	65	75	66	72	66	71	66	79	63	78	64	75	65	72	66
3	125	78	62	77	63	75	65	73	66	80	57	80	58	78	62	75	65
4	126	80	65	78	66	76	66	74	67	83	66	81	65	79	64	75	65
5	127	81	67	79	67	75	67	73	67	84	64	83	64	79	66	74	67
6	128	85	68	82	69	79	68	76	69	88	67	88	67	83	67	78	68
7	129	81	71	78	70	76	70	74	69	85	70	83	70	80	69	75	69
8	130	84	70	83	71	79	70	77	71	90	67	91	68	70	85	79	71
9	131	79	68	77	69	75	69	73	69	80	66	81	66	77	68	74	68
10	132	71	63	71	64	70	66	70	66	71	60	70	61	70	64	70	65
11	133	83	65	81	66	78	67	76	67	86	62	86	63	83	65	77	66
12	134	86	69	84	69	81	69	78	69	90	67	90	68	86	68	80	68
13	135	84	71	82	71	79	70	77	70	87	70	87	70	83	70	79	70
14	136	84	71	81	71	79	71	77	71	88	70	89	70	83	71	79	71
15	137	77	66	76	67	75	69	74	69	80	62	79	63	77	66	74	68
16	138	75	62	75	64	74	66	74	66	74	58	75	59	75	62	73	65
17	139	82	66	79	66	77	66	75	67	83	63	85	64	81	64	76	66
18	140	73	67	72	67	71	67	70	67	75	67	74	66	72	66	70	66
19	141	85	71	82	70	79	70	77	69	90	73	89	72	84	70	79	69
20	142	87	73	85	73	81	73	79	72	92	72	93	72	87	73	81	72
21	143	87	72	86	73	82	73	80	73	90	70	92	71	88	72	83	72
22	144	82	66	81	67	79	68	78	69	84	62	85	63	82	66	79	68
23	145	82	65	81	67	78	68	77	69	85	61	88	63	82	66	78	68
24	146	81	65	80	66	79	68	77	69	85	62	87	63	83	66	79	68
25	147	86	69	84	69	81	69	79	70	91	67	93	67	87	68	81	69
26	148	77	70	75	70	74	70	73	70	81	69	80	69	76	70	74	70
27	149	86	71	82	71	80	71	78	71	89	69	89	69	84	70	79	71
28	150	89	73	86	73	83	72	81	72	93	71	95	71	89	72	83	72
29	151	90	73	87	74	84	73	82	73	94	72	97	73	90	73	84	73
30	152	88	74	84	74	83	74	81	74	93	74	94	75	88	74	83	74
31	153	85	69	85	70	83	72	82	72	89	67	90	67	87	70	83	71
Sums		2538	2113	2481	2129	2408	2138	2356	2144	2637	2053	2649	2066	2512	2117	2396	2126
Averages		81.9	68.2	80.0	68.7	77.7	69.0	76.0	69.2	85.1	66.2	85.5	66.6	81.0	68.3	77.3	68.6

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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	123	0	28		3
2	124	0	25		0
3	125	4	21		0
4	126	0	25		0
5	127	1	24		0
6	128	0	28		3
7	129	0	30		5
8	130	0	32		7
9	131	3	22		0
10	132	3	22		0
11	133	0	28		3
12	134	0	29		4
13	135	0	32		7
14	136	0	33		8
15	137	0	25		0
16	138	8	17		0
17	139	4	21		0
18	140	1	24		0
19	141	0	36		11
20	142	0	38		13
21	143	0	32		7
22	144	0	28		3
23	145	0	25		0
24	146	1	24		0
25	147	0	27		2
26	148	0	30		5
27	149	0	30		5
28	150	0	33		8
29	151	0	35		10
30	152	0	36		11
31	153	0	33		8
Sums for month		25	873		123

25 Accumulated heating degree days since July 1  
 2387 Accumulated growing degree days since Jan. 1  
 234 Accumulated cooling degree days since Apr. 1