

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

2008

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	123	78	60	69	100	54	77	93	568	171	41	0	65	228
2	124	76	52	64	97	34	65	174	182	138	0	0	60	314
3	125	82	57	69	81	36	58	346	591	198	0	0	117	324
4	126	73	52	62	100	71	85	35	554	203	21	0	44	131
5	127	74	51	62	100	51	75	133	622	191	2	0	42	263
6	128	78	54	66	99	39	69	154	537	291	0	0	39	206
7	129	84	64	74	97	47	72	239	567	251	0	0	61	253
8	130	87	66	76	100	57	78	156	331	262	0	0	33	229
9	131	90	69	79	94	49	71	312	626	76	0	0	61	325
10	132	81	60	70	92	68	80	134	198	174	1	0	124	207
11	133	77	58	67	97	46	71	178	546	211	1	0	56	337
12	134	72	59	65	100	86	93	28	168	112	13	0	35	60
13	135	89	64	76	100	54	77	238	557	240	1	0	159	255
14	136	77	58	67	100	67	83	88	627	219	95	0	73	148
15	137	79	54	66	100	42	71	181	435	214	0	0	11	257
16	138	80	59	69	100	46	73	182	419	287	0	0	12	258
17	139	86	63	74	100	49	74	129	549	367	20	0	50	221
18	140	84	66	75	100	67	83	99	397	263	7	0	34	153
19	141	87	72	79	84	54	69	312	325	250	0	0	75	340
20	142	87	69	78	100	55	77	120	348	255	69	0	53	346
21	143	85	67	76	100	69	84	41	336	322	53	0	62	72
22	144	79	62	70	100	72	86	42	288	269	14	0	34	170
23	145	78	63	70	100	69	84	44	167	149	90	0	35	249
24	146	77	63	70	100	70	85	39	539	142	6	0	54	145
25	147	68	58	63	100	83	91	35	356	235	51	0	76	129
26	148	81	63	72	93	44	68	209	554	179	0	0	57	258
27	149	82	63	72	100	61	80	131	371	230	9	0	59	159
28	150	78	64	71	91	48	69	228	567	246	0	0	61	259
29	151	79	63	71	97	61	79	124	283	233	5	0	48	175
30	152	79	59	69	100	61	80	107	458	221	0	0	60	253
31	153	81	63	72	100	66	83	105	412	246	0	0	53	82
Sums		2488	1895	2183	3022	1776	2390	4436	13478	6845	499	0	1803	6806
Average		80.3	61.1	70.4	97.5	57.3	77.1	.143	434.8	220.8	.16	.0	58.2	.220

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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	84	62	79	63	73	66	70	67	85	63	80	64	75	66	71	67
2	124	85	56	81	58	74	65	70	66	91	58	85	61	79	64	72	66
3	125	93	65	86	65	76	66	72	67	93	67	87	66	80	66	73	67
4	126	72	55	71	57	70	63	70	65	72	56	71	59	70	62	70	64
5	127	87	56	82	59	73	64	69	65	90	58	83	61	77	63	70	64
6	128	94	59	87	61	75	65	71	66	94	60	86	63	79	65	73	66
7	129	97	68	90	67	77	67	73	67	97	69	90	67	82	67	74	68
8	130	101	70	93	71	81	72	77	71	101	71	93	72	85	72	78	72
9	131	103	74	96	74	83	74	78	74	103	74	96	75	88	75	80	74
10	132	89	64	84	66	79	71	77	73	88	64	84	67	81	70	77	72
11	133	96	65	90	67	80	71	76	72	95	66	89	68	83	70	77	72
12	134	76	62	74	64	72	67	73	68	76	63	74	64	73	66	72	68
13	135	95	70	89	68	77	68	74	69	94	70	87	68	81	68	75	69
14	136	78	59	76	61	74	66	73	67	78	60	75	62	74	65	73	67
15	137	82	57	79	59	73	66	70	67	87	59	82	62	77	65	72	67
16	138	94	62	88	64	77	67	72	68	95	63	89	66	82	67	74	68
17	139	97	65	89	67	77	70	74	70	96	66	89	68	81	69	75	70
18	140	90	67	84	68	75	70	73	70	88	68	83	69	78	70	74	70
19	141	99	71	93	72	80	71	76	71	99	72	91	72	85	72	78	71
20	142	98	70	92	71	81	73	78	74	98	71	91	72	85	73	79	73
21	143	87	68	84	69	76	72	74	72	86	69	83	70	78	71	75	72
22	144	87	64	82	66	75	70	74	71	85	65	81	67	77	69	74	70
23	145	84	65	80	66	73	69	71	70	83	65	79	67	76	68	72	69
24	146	80	64	77	65	73	68	71	69	79	64	76	66	74	68	72	69
25	147	72	58	70	59	69	64	69	65	71	58	70	60	69	62	69	64
26	148	84	61	80	62	71	64	69	66	85	62	79	64	75	64	70	65
27	149	82	63	78	64	72	66	70	67	82	64	78	66	74	67	70	67
28	150	90	65	85	66	75	68	72	68	91	67	85	67	79	68	73	68
29	151	87	64	81	66	74	69	72	70	86	65	80	67	77	69	73	70
30	152	95	63	89	65	78	69	74	71	94	64	88	66	82	69	75	70
31	153	83	66	79	67	74	70	72	71	82	66	79	68	76	70	73	71
Sums		2741	1978	2588	2017	2337	2111	2254	2137	2744	2007	2583	2054	2432	2100	2283	2130
Averages		88.4	63.8	83.5	65.1	75.4	68.1	72.7	68.9	88.5	64.7	83.3	66.3	78.5	67.7	73.6	68.7

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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	29		4
2	124	1	24		0
3	125	0	29		4
4	126	3	22		0
5	127	3	22		0
6	128	0	26		1
7	129	0	34		9
8	130	0	36		11
9	131	0	39		14
10	132	0	30		5
11	133	0	27		2
12	134	0	25		0
13	135	0	36		11
14	136	0	27		2
15	137	0	26		1
16	138	0	29		4
17	139	0	34		9
18	140	0	35		10
19	141	0	39		14
20	142	0	38		13
21	143	0	36		11
22	144	0	30		5
23	145	0	30		5
24	146	0	30		5
25	147	2	23		0
26	148	0	32		7
27	149	0	32		7
28	150	0	31		6
29	151	0	31		6
30	152	0	29		4
31	153	0	32		7
Sums for month		9	943		177

9 Accumulated heating degree days since July 1

2570 Accumulated growing degree days since Jan. 1

330 Accumulated cooling degree days since Apr. 1