

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

2005

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	Gm Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In	
				In/Hg	Total	Diff	Ins	Ins		Evap				
1	123	85	68	76	94	50	72	198	436	245	0	0	55	302
2	124	83	57	70	84	48	66	210	684	101	T	0	106	249
3	125	71	51	61	96	38	67	159	678	144	0	0	65	362
4	126	79	62	70	85	47	66	253	619	211	0	0	96	294
5	127	85	69	77	92	53	72	260	328	206	0	0	82	199
6	128	87	65	76	100	51	75	89	411	267	28	0	65	159
7	129	75	60	67	98	66	82	91	374	264	0	0	102	188
8	130	77	62	69	100	68	84	86	136	128	0	0	39	155
9	131	71	62	66	100	84	92	24	398	219	31	0	63	57
10	132	75	62	68	98	56	77	177	685	95	19	0	133	168
11	133	84	68	76	71	36	53	414	617	187	0	0	70	356
12	134	88	67	77	97	53	75	257	508	252	0	0	56	233
13	135	90	68	79	99	50	74	254	592	204	0	0	41	220
14	136	91	69	80	95	49	72	262	518	302	0	0	51	317
15	137	87	66	76	100	54	77	162	562	247	0	0	50	270
16	138	88	70	79	98	53	75	173	328	277	0	0	90	225
17	139	83	73	78	98	74	86	101	404	257	11	0	68	291
18	140	87	71	79	99	62	80	109	493	260	10	0	11	61
19	141	89	71	80	96	58	77	193	597	186	0	0	51	242
20	142	87	62	74	96	46	71	252	633	117	0	0	79	335
21	143	82	58	70	95	43	69	202	521	167	0	0	71	266
22	144	87	65	76	93	44	68	243	333	181	0	0	47	216
23	145	82	61	71	96	45	70	173	659	95	2	0	64	13
24	146	81	63	72	83	29	56	322	480	243	0	0	73	300
25	147	83	68	75	97	40	68	300	642	100	10	0	63	289
26	148	90	65	77	87	25	56	400	375	247	0	0	98	377
27	149	91	66	78	100	50	75	204	187	134	61	0	78	273
28	150	73	56	64	100	65	82	16	658	122	18	0	63	86
29	151	76	57	66	95	49	72	188	549	157	0	0	46	0
30	152	79	61	70	97	47	72	186	532	208	0	0	69	50
31	153	79	60	69	94	55	74	170	586	164	0	0	50	257
Sums		2565	1983	2266	2933	1588	2255	6128	15523	5987	190	0	2095	6810
Average		82.7	64.0	73.1	94.6	51.2	72.7	.198	500.7	193.1	.06	.0	67.6	.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	127	91	69	86	70	79	72	76	72	95	70	88	72	84	72	78	72
2	128	88	63	83	66	77	70	75	72	90	65	84	68	81	70	76	71
3	129	91	60	86	63	78	69	75	71	93	61	86	65	81	68	76	71
4	130	91	68	86	67	78	69	75	70	92	68	86	68	81	69	77	69
5	131	96	72	91	72	81	71	78	71	97	73	91	72	85	72	79	71
6	132	94	69	88	70	79	73	76	73	94	69	88	71	82	72	77	73
7	133	82	64	79	65	75	69	74	70	84	64	80	67	77	69	75	70
8	134	86	68	81	68	75	69	73	69	87	68	81	68	78	69	74	70
9	135	74	65	73	66	71	68	72	68	74	65	73	66	73	67	72	68
10	136	80	62	76	63	71	67	70	68	79	62	75	64	73	66	70	67
11	137	90	65	84	66	75	67	72	67	90	66	85	66	79	66	72	67
12	138	95	71	89	70	78	69	75	69	97	71	89	70	83	70	76	70
13	139	97	73	90	74	81	74	77	73	98	73	92	75	85	74	79	73
14	140	100	74	94	75	84	76	80	75	101	75	94	76	88	76	82	76
15	141	98	73	93	75	84	77	81	76	99	74	93	76	88	78	82	77
16	142	100	76	95	77	85	77	81	76	102	77	96	77	91	78	83	77
17	143	92	74	88	75	82	77	80	77	92	75	88	76	85	77	82	77
18	144	94	73	89	74	82	76	79	76	94	74	89	75	86	76	81	76
19	145	96	74	91	75	82	76	79	76	97	75	92	76	86	76	81	76
20	146	100	70	94	72	85	77	81	77	101	71	94	74	88	76	83	77
21	147	99	68	93	71	84	75	80	77	101	69	95	72	89	75	82	76
22	148	100	74	94	73	83	75	80	76	101	74	94	74	88	75	82	76
23	149	86	66	83	69	80	73	78	75	87	67	85	70	82	73	79	74
24	150	97	69	92	71	82	73	79	74	99	70	93	72	87	73	81	74
25	151	94	73	89	74	82	75	79	75	95	74	90	75	85	75	81	75
26	152	98	70	93	71	83	76	80	76	99	70	94	73	88	76	82	76
27	153	94	72	89	73	82	75	79	76	95	73	90	74	85	75	81	76
28	154	78	62	77	64	76	69	76	71	78	62	77	65	76	68	77	70
29	155	86	61	83	64	76	69	74	70	90	62	85	65	80	68	74	69
30	156	91	67	85	67	77	69	74	70	92	67	86	68	81	69	76	70
31	157	92	68	87	70	79	71	76	71	94	69	87	71	83	71	79	71
Sums		2850	2133	2701	2170	2466	2243	2384	2257	2887	2153	2720	2201	2578	2239	2429	2255
Averages		91.9	68.8	87.1	70.0	79.5	72.4	76.9	72.8	93.1	69.5	87.7	71.0	83.2	72.2	78.4	72.7

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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	127	0	36	11
	2	128	0	30	5
	3	129	4	21	0
	4	130	0	30	5
	5	131	0	37	12
	6	132	0	36	11
	7	133	0	27	2
	8	134	0	29	4
	9	135	0	26	1
	10	136	0	28	3
	11	137	0	36	11
	12	138	0	37	12
	13	139	0	39	14
	14	140	0	40	15
	15	141	0	36	11
	16	142	0	39	14
	17	143	0	38	13
	18	144	0	39	14
	19	145	0	40	15
	20	146	0	34	9
	21	147	0	30	5
	22	148	0	36	11
	23	149	0	31	6
	24	150	0	32	7
	25	151	0	35	10
	26	152	0	37	12
	27	153	0	38	13
	28	154	1	24	0
	29	155	0	26	1
	30	156	0	30	5
	31	157	0	29	4
Sums for month		5	1026		256
	5	Accumulated heating degree days since July 1			
	2581	Accumulated growing degree days since Jan. 1			
	471	Accumulated cooling degree days since Apr. 1			