

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

2000

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	73	58	65	84	46	65	210	608	140	0	0	80	239
2	124	81	62	71	78	37	57	333	590	144	0	0	42	271
3	125	83	62	72	85	37	61	345	506	196	0	0	36	230
4	126	73	67	70	99	79	89	40	170	155	20	0	21	24
5	127	79	59	69	96	64	80	144	436	264	0	0	73	309
6	128	73	50	61	91	34	62	176	624	87	0	0	52	166
7	129	70	54	62	87	42	64	198	459	267	0	0	34	197
8	130	68	54	61	80	44	62	205	541	154	0	0	95	216
9	131	75	53	64	90	35	62	241	552	155	0	0	49	230
10	132	73	65	69	92	54	73	160	194	153	11	0	78	0
11	133	78	57	67	93	52	72	190	458	224	0	0	96	222
12	134	76	57	66	78	33	55	281	624	117	0	0	78	319
13	135	78	54	66	94	27	60	0	616	90	0	0	29	288
14	136	82	59	70	94	38	66	0	509	185	0	0	36	231
15	137	82	61	71	98	56	77	0	269	183	113	0	49	327
16	138	72	62	67	100	78	89	30	195	156	30	0	18	102
17	139	76	59	67	98	61	79	94	441	235	0	0	25	72
18	140	79	64	71	90	56	73	193	377	236	1	0	43	192
19	141	69	57	63	89	54	71	137	438	217	0	0	87	259
20	142	68	49	58	98	61	79	98	358	223	0	0	25	113
21	143	74	55	64	91	37	64	196	584	100	0	0	25	259
22	144	73	56	64	*	*	*	*	33	159	5	0	45	64
23	145	71	55	63	*	*	*	*	548	156	0	0	92	265
24	146	72	53	62	*	*	*	*	470	191	0	0	25	167
25	147	78	56	67	*	*	*	*	585	164	0	0	18	252
26	148	81	60	70	*	*	*	*	585	141	0	0	18	250
27	149	78	64	71	*	*	*	*	529	179	0	0	44	244
28	150	80	59	69	*	*	*	*	347	176	0	0	11	119
29	151	85	64	74	*	*	*	*	449	152	1	0	42	208
30	152	81	66	73	*	*	*	*	393	275	1	0	35	169
31	153	74	67	70	*	*	*	*	192	178	10	0	47	45
Sums		2355	1818	2077	1905	1025	1460	3271	13680	5452	192	0	1448	6049
Average		76.0	58.6	67.0	90.7	48.8	69.5	.156	441.3	175.9	.06	.0	46.7	.195

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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	63	72	64	69	65	68	65	75	62	72	63	71	64	68	64
2	124	76	65	74	65	70	65	68	65	77	64	74	64	72	65	69	65
3	125	76	67	74	66	70	66	68	66	76	66	73	66	72	66	69	66
4	126	71	68	71	67	69	66	68	66	71	67	71	67	69	67	68	66
5	127	76	65	74	65	70	66	69	66	77	63	75	64	72	66	70	66
6	128	77	63	75	64	70	66	69	66	77	61	75	63	73	65	70	66
7	129	72	62	70	63	69	64	68	65	72	61	72	62	70	64	68	64
8	130	71	61	70	62	67	64	67	64	71	59	70	61	69	63	68	63
9	131	73	62	71	63	68	63	66	64	72	61	71	62	69	62	67	63
10	132	68	64	67	64	66	64	66	64	68	63	68	64	67	64	66	63
11	133	73	63	70	64	68	64	67	64	72	62	70	63	69	64	68	64
12	134	74	62	72	63	69	64	67	64	75	61	72	63	70	64	68	64
13	135	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	136	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15	137	72	64	71	64	68	65	68	65	73	64	70	64	70	65	69	64
16	138	69	64	68	64	67	65	66	65	70	64	69	64	69	65	68	64
17	139	73	65	71	65	69	65	68	65	76	64	73	65	72	65	69	65
18	140	74	67	73	67	70	66	69	66	75	66	73	66	71	66	69	66
19	141	73	64	72	65	69	65	69	66	73	63	72	64	70	65	69	65
20	142	72	61	70	62	68	64	67	65	73	59	71	61	69	63	67	64
21	143	78	63	74	63	69	64	67	64	79	62	76	62	72	63	69	64
22	144	73	63	71	64	68	65	68	65	73	62	72	63	70	64	68	65
23	145	75	62	72	63	69	64	68	64	74	61	72	62	71	63	68	64
24	146	77	62	74	63	69	65	68	65	76	61	74	63	71	64	68	65
25	147	80	64	76	65	71	65	68	66	83	64	79	64	74	65	70	65
26	148	82	66	79	66	73	66	70	67	86	66	81	66	76	67	72	67
27	149	81	68	78	68	73	68	71	68	85	68	81	68	76	68	72	68
28	150	80	66	77	66	73	68	71	68	83	66	79	67	76	68	72	68
29	151	83	68	79	68	74	69	71	68	88	67	82	68	77	69	72	69
30	152	80	68	77	69	73	69	71	69	84	69	80	69	76	70	72	69
31	153	74	68	73	68	72	69	71	68	76	68	74	69	73	69	71	68
Sums		2178	1868	2115	1880	2020	1899	1982	1903	2210	1844	2141	1867	2076	1893	2004	1894
Averages		75.1	64.4	72.9	64.8	69.7	65.5	68.3	65.6	76.2	63.6	73.8	64.4	71.6	65.3	69.1	65.3

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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	25		0
2	124	0	31		6
3	125	0	32		7
4	126	0	30		5
5	127	0	29		4
6	128	4	21		0
7	129	3	22		0
8	130	4	21		0
9	131	1	24		0
10	132	0	29		4
11	133	0	27		2
12	134	0	26		1
13	135	0	26		1
14	136	0	30		5
15	137	0	31		6
16	138	0	27		2
17	139	0	27		2
18	140	0	31		6
19	141	2	23		0
20	142	7	18		0
21	143	1	24		0
22	144	1	24		0
23	145	2	23		0
24	146	3	22		0
25	147	0	27		2
26	148	0	30		5
27	149	0	31		6
28	150	0	29		4
29	151	0	34		9
30	152	0	33		8
31	153	0	30		5
Sums for month		28	837		90

28 Accumulated heating degree days since July 1
 2444 Accumulated growing degree days since Jan. 1
 216 Accumulated cooling degree days since Apr. 1