

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

August 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	154	83	65	74	*	*	*	*	288	241	267	0	74	380
2	155	85	66	75	*	*	*	*	433	251	145	0	52	0
3	156	82	67	74	*	*	*	*	429	247	1	0	55	206
4	157	76	55	65	*	*	*	*	317	225	1	0	68	242
5	158	72	57	64	*	*	*	*	503	308	0	0	43	129
6	159	78	58	68	*	*	*	*	536	287	0	0	32	179
7	160	70	61	65	*	*	*	*	108	98	74	0	49	95
8	161	83	67	75	*	*	*	*	519	420	2	0	77	266
9	162	84	71	77	*	*	*	*	508	384	5	0	54	219
10	163	83	62	72	*	*	*	*	512	430	13	0	66	302
11	164	77	61	69	80	64	72	*	435	175	3	0	29	154
12	165	71	58	64	80	59	69	*	222	196	2	0	53	85
13	166	71	57	64	80	62	71	*	244	179	24	0	25	89
14	167	77	58	67	63	58	60	*	411	167	2	0	19	187
15	168	79	61	70	68	56	62	*	485	150	0	0	33	195
16	169	83	62	72	64	42	53	*	497	158	22	0	42	265
17	170	72	56	64	72	58	65	*	434	144	0	0	104	351
18	171	67	50	58	60	52	56	*	486	215	0	0	48	51
19	172	70	53	61	59	51	55	*	301	232	5	0	33	69
20	173	69	49	59	60	56	58	*	350	188	0	0	69	158
21	174	64	46	55	60	50	55	*	526	97	0	0	67	206
22	175	71	51	61	62	46	54	*	500	129	0	0	18	151
23	176	78	54	66	60	42	51	*	425	144	17	0	38	194
24	177	74	61	67	62	58	60	*	208	172	44	0	34	81
25	178	75	56	65	64	60	62	*	401	161	0	0	33	178
26	179	78	56	67	64	59	61	*	518	71	0	0	18	170
27	180	79	60	69	64	60	62	*	429	139	0	0	15	184
28	181	76	58	67	62	60	61	*	283	231	0	0	16	108
29	182	78	60	69	66	60	63	*	418	174	0	0	21	154
30	183	78	64	71	68	60	64	*	338	230	0	0	57	142
31	184	81	63	72	83	66	74	*	466	133	0	0	29	169
Sums		2364	1823	2086	1401	1179	1288	*	12530	6376	627	0	1371	5359
Average		76.3	58.8	67.3	66.7	56.1	61.3	*	404.2	205.7	.20	.0	44.2	.173

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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	154	80	67	78	68	74	69	72	68	83	68	80	69	76	70	72	68
2	155	84	69	80	69	74	70	72	69	88	68	82	69	78	70	73	69
3	156	83	68	79	69	75	70	73	70	85	67	81	69	77	70	73	70
4	157	84	68	80	69	76	70	72	70	83	68	80	68	77	70	74	71
5	158	79	62	77	64	73	66	71	67	80	60	77	63	75	65	72	67
6	159	82	64	78	65	73	67	71	67	83	63	79	64	76	66	72	67
7	160	69	66	68	66	68	67	69	67	69	65	69	66	69	66	69	66
8	161	82	*	78	*	73	*	71	*	84	*	80	*	76	*	72	*
9	162	83	*	79	*	74	*	72	*	86	*	81	*	77	*	73	*
10	163	85	*	81	*	76	*	74	*	87	*	82	*	79	*	74	*
11	164	84	67	80	68	75	70	73	70	85	66	80	68	77	69	74	70
12	165	75	64	74	64	72	67	72	68	75	62	74	64	73	66	72	67
13	166	74	62	72	64	70	66	69	67	75	61	72	63	70	65	69	66
14	167	82	64	77	65	72	66	71	66	84	62	77	64	74	65	71	66
15	168	84	66	79	66	73	67	71	68	86	64	80	65	76	67	72	68
16	169	86	*	81	*	75	*	73	*	89	*	83	*	78	*	74	*
17	170	78	63	76	64	73	66	72	67	79	61	76	63	74	65	72	66
18	171	77	60	75	62	71	65	70	66	80	58	76	60	73	63	71	65
19	172	74	60	72	62	69	64	68	66	76	58	73	61	71	63	68	65
20	173	73	56	71	59	69	62	68	64	75	54	72	58	70	61	68	63
21	174	76	56	73	58	69	62	68	63	81	54	75	58	71	60	68	63
22	175	79	58	75	60	69	62	68	63	85	56	77	59	72	61	68	62
23	176	80	62	76	62	70	64	68	64	85	61	78	61	73	63	69	64
24	177	74	63	72	64	69	65	68	66	76	62	73	63	70	65	68	65
25	178	80	*	76	*	71	*	69	*	82	*	77	*	73	*	70	*
26	179	84	63	82	65	77	67	74	68	88	61	85	64	80	66	75	67
27	180	81	65	77	65	72	67	71	67	87	65	79	64	75	66	72	67
28	181	78	64	75	66	72	67	72	71	81	63	77	65	74	66	72	68
29	182	81	66	77	66	73	67	71	68	87	66	80	65	76	67	72	67
30	183	77	67	74	67	72	68	71	69	82	66	77	67	75	68	72	68
31	184	83	68	79	68	74	68	72	68	91	68	84	67	78	68	73	68
Sums		2471	1658	2371	1685	2243	1729	2196	1747	2557	1627	2416	1667	2313	1711	2214	1733
Averages		79.7	63.8	76.5	64.8	72.4	66.5	70.8	67.2	82.5	62.6	77.9	64.1	74.6	65.8	71.4	66.7

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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	154	0	34		9
2	155	0	35		10
3	156	0	34		9
4	157	0	25		0
5	158	1	24		0
6	159	0	28		3
7	160	0	25		0
8	161	0	35		10
9	162	0	37		12
10	163	0	32		7
11	164	0	29		4
12	165	1	24		0
13	166	1	24		0
14	167	0	27		2
15	168	0	30		5
16	169	0	32		7
17	170	1	24		0
18	171	7	18		0
19	172	4	21		0
20	173	6	19		0
21	174	10	15		0
22	175	4	21		0
23	176	0	26		1
24	177	0	27		2
25	178	0	25		0
26	179	0	27		2
27	180	0	29		4
28	181	0	27		2
29	182	0	29		4
30	183	0	31		6
31	184	0	32		7
Sums for month		35	846		106

63 Accumulated heating degree days since July 1
 3290 Accumulated growing degree days since Jan. 1
 322 Accumulated cooling degree days since Apr. 1