

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 September 1998

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	185	75	55	65	94	44	69	184	418	116	0	0	74	188
2	186	76	57	66	94	46	70	171	368	162	0	0	30	139
3	187	73	56	64	92	45	68	147	295	140	15	0	58	143
4	188	74	52	63	95	42	68	143	301	200	0	0	55	114
5	189	74	55	64	87	53	70	164	430	166	0	0	74	189
6	190	77	59	68	86	41	63	255	463	115	0	0	48	288
7	191	87	62	74	96	48	72	259	348	176	59	0	79	303
8	192	68	51	59	95	63	79	79	141	125	53	0	62	133
9	193	63	50	56	95	62	78	66	240	196	27	0	83	142
10	194	62	49	55	94	68	81	60	250	192	36	0	105	113
11	195	67	51	59	90	40	65	155	450	98	0	0	94	183
12	196	79	57	68	74	46	60	330	436	111	0	0	93	234
13	197	78	58	68	95	54	74	166	320	189	0	0	52	253
14	198	76	58	67	92	54	73	150	388	144	0	0	19	49
15	199	83	58	70	86	56	71	212	340	176	0	0	24	93
16	200	80	62	71	97	60	78	169	148	138	8	0	56	81
17	201	68	46	57	97	63	80	56	329	121	0	0	58	156
18	202	73	48	60	94	41	67	128	449	46	0	0	28	138
19	203	76	50	63	86	43	64	216	432	54	0	0	51	251
20	204	79	62	70	96	64	80	121	341	183	0	0	66	109
21	205	84	63	73	94	45	69	141	317	155	0	0	44	44
22	206	81	55	68	92	57	74	177	267	162	0	0	53	153
23	207	64	43	53	93	57	75	66	133	104	3	0	82	70
24	208	58	38	48	90	30	60	117	436	42	0	0	61	167
25	209	66	41	53	85	40	62	156	251	154	0	0	36	84
26	210	69	55	62	97	54	75	113	164	139	0	0	40	109
27	211	82	61	71	92	52	72	259	233	174	0	0	63	50
28	212	76	54	65	90	52	71	138	86	63	17	0	85	92
29	213	64	44	54	88	40	64	130	337	84	0	0	106	147
30	214	70	46	58	90	37	63	181	363	48	2	0	41	159
Sums		2202	1596	1892	2746	1497	2115	4709	9474	3973	220	0	1820	4374
Average		73.4	53.2	63.1	91.5	49.9	70.5	.157	315.8	132.4	.07	.0	60.7	.146

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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	185	73	62	73	63	71	65	71	66	84	59	76	62	76	64	73	65
2	186	74	64	73	65	71	66	70	67	84	63	78	64	74	66	71	66
3	187	72	62	70	62	70	65	70	65	75	59	72	60	70	63	70	63
4	188	70	59	69	61	70	63	68	64	76	56	70	59	71	61	69	63
5	189	72	60	71	61	69	63	68	64	82	57	74	60	72	62	69	62
6	190	74	62	70	62	70	64	69	65	84	61	77	61	74	63	71	64
7	191	76	64	74	64	71	64	69	65	86	64	78	64	75	64	70	65
8	192	69	59	68	60	69	63	69	63	72	54	69	58	70	60	70	62
9	193	65	57	64	58	66	60	67	62	67	53	65	55	66	58	66	60
10	194	63	56	64	57	64	59	65	60	65	51	64	54	65	56	64	59
11	195	67	57	65	58	64	59	64	60	72	53	68	54	67	57	65	58
12	196	71	60	70	60	66	61	66	61	79	58	72	58	71	59	67	61
13	197	71	64	71	63	68	63	67	63	80	62	74	63	71	63	68	63
14	198	73	64	71	65	69	64	68	64	84	62	76	64	72	65	69	64
15	199	75	65	73	65	70	65	69	65	85	64	79	64	75	65	70	65
16	200	74	65	72	66	71	66	71	66	76	64	75	66	73	66	72	66
17	201	73	58	72	59	70	62	69	64	78	53	76	57	72	60	70	62
18	202	73	58	71	60	68	62	67	63	81	54	76	58	71	60	69	62
19	203	72	61	72	62	67	63	67	64	82	58	76	60	71	62	69	63
20	204	72	64	72	64	69	64	68	64	81	63	74	63	72	64	68	64
21	205	74	66	72	66	70	65	70	65	83	65	77	65	74	66	70	65
22	206	74	63	72	64	71	66	70	66	82	61	77	63	72	65	71	66
23	207	67	53	67	56	67	61	69	62	70	49	67	54	67	58	68	60
24	208	63	51	64	52	64	56	65	58	73	46	70	50	66	54	64	56
25	209	63	53	63	54	64	57	63	58	69	49	65	52	63	55	63	57
26	210	65	57	64	57	63	59	64	59	68	55	66	56	65	56	64	58
27	211	71	61	68	60	67	61	66	61	78	60	72	60	69	60	67	61
28	212	67	58	68	60	67	62	66	62	70	54	69	58	68	60	67	61
29	213	65	52	65	54	65	58	66	58	68	48	66	52	65	55	66	57
30	214	66	55	66	54	64	58	63	59	73	51	67	54	64	55	64	59
Sums		2104	1790	2074	1812	2035	1864	2024	1883	2307	1706	2165	1768	2101	1822	2044	1857
Averages		70.1	59.7	69.1	60.4	67.8	62.1	67.5	62.8	76.9	56.9	72.2	58.9	70.0	60.7	68.1	61.9

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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	185	0	25		0
2	186	0	26		1
3	187	1	24		0
4	188	2	23		0
5	189	1	24		0
6	190	0	28		3
7	191	0	34		9
8	192	6	19		0
9	193	9	16		0
10	194	10	15		0
11	195	6	19		0
12	196	0	28		3
13	197	0	28		3
14	198	0	27		2
15	199	0	30		5
16	200	0	31		6
17	201	8	17		0
18	202	5	20		0
19	203	2	23		0
20	204	0	30		5
21	205	0	33		8
22	206	0	28		3
23	207	12	13		0
24	208	17	8		0
25	209	12	13		0
26	210	3	22		0
27	211	0	31		6
28	212	0	25		0
29	213	11	14		0
30	214	7	18		0
Sums for month		112	692		54

153 Accumulated heating degree days since July 1
 4365 Accumulated growing degree days since Jan. 1
 536 Accumulated cooling degree days since Apr. 1