

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 2001

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	185	83	55	69	98	55	76	113	272	193	32	0	88	136
2	186	63	46	54	98	55	76	74	319	193	0	0	51	131
3	187	69	46	57	92	47	69	142	464	103	0	0	20	134
4	188	80	60	70	91	47	69	220	458	114	0	0	53	191
5	189	76	52	64	91	49	70	166	371	118	0	0	91	273
6	190	66	46	56	96	46	71	123	424	227	0	0	44	290
7	191	77	51	64	91	32	61	213	477	220	0	0	21	89
8	192	87	61	74	88	33	60	318	446	253	0	0	44	440
9	193	88	65	76	87	45	66	291	369	278	0	0	65	27
10	194	87	68	77	87	46	66	320	430	367	0	0	93	315
11	195	74	56	65	94	44	69	180	224	208	4	0	62	148
12	196	73	50	61	97	49	73	150	388	366	0	0	62	174
13	197	79	51	65	94	34	64	288	437	70	0	0	38	232
14	198	67	51	59	94	57	75	118	203	155	6	0	51	119
15	199	62	47	54	89	39	64	140	320	119	0	0	34	155
16	200	65	45	55	90	40	65	137	427	88	0	0	40	151
17	201	70	44	57	95	39	67	142	446	51	0	0	39	175
18	202	74	48	61	95	23	59	185	432	43	0	0	20	175
19	203	72	51	61	98	44	71	133	249	166	0	0	7	199
20	204	78	52	65	90	46	68	238	304	183	12	0	133	130
21	205	71	54	62	98	70	84	90	131	113	3	0	68	101
22	206	78	55	66	96	30	63	232	356	115	5	0	40	50
23	207	71	49	60	99	56	77	110	228	132	5	0	36	166
24	208	75	54	64	98	34	66	215	390	85	0	0	21	152
25	209	72	55	63	100	68	84	37	113	87	295	0	54	138
26	210	71	42	56	98	64	81	56	123	114	27	0	40	193
27	211	56	44	50	85	52	68	116	200	169	T	0	57	100
28	212	57	44	50	100	58	79	57	199	180	2	0	41	105
29	213	56	44	50	100	71	85	19	124	109	20	0	50	40
30	214	62	38	50	100	45	72	92	376	361	0	0	49	132
Sums		2159	1524	1835	2829	1418	2118	4715	9700	4980	411	0	1512	4861
Average		72.0	50.8	61.2	94.3	47.3	70.6	.157	323.3	166.0	.14	.0	50.4	.162

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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	85	62	81	65	75	68	73	69	87	62	82	65	78	68	75	69
2	186	72	53	71	56	70	62	70	64	73	52	71	56	70	60	69	63
3	187	79	54	74	56	70	61	69	63	81	54	76	56	72	59	69	62
4	188	83	58	79	59	73	63	70	64	86	58	81	59	76	62	72	64
5	189	84	61	79	63	73	67	71	67	86	60	80	63	76	66	72	66
6	190	82	56	77	59	72	64	71	66	83	55	78	58	75	62	71	62
7	191	84	57	79	59	73	63	71	65	86	56	81	59	77	62	72	64
8	192	88	61	82	62	75	65	73	66	90	60	84	62	79	64	74	66
9	193	87	68	83	68	77	70	74	70	89	68	85	69	80	70	75	70
10	194	90	69	85	69	79	70	76	70	92	69	88	70	81	70	76	71
11	195	78	60	75	63	72	66	72	68	80	60	76	62	74	65	73	67
12	196	82	60	78	62	73	66	72	67	84	59	79	61	76	64	72	66
13	197	85	60	81	62	74	65	72	66	87	59	82	61	77	63	73	66
14	198	74	59	71	61	70	64	70	64	74	56	72	60	70	63	70	65
15	199	74	57	71	59	68	63	68	64	75	56	72	59	69	61	68	63
16	200	79	54	75	57	70	62	68	63	81	54	76	57	72	60	68	62
17	201	81	55	76	57	70	61	69	63	82	54	78	57	72	58	69	62
18	202	82	56	77	58	71	62	69	63	84	55	79	58	74	60	70	63
19	203	76	58	73	60	70	63	68	64	77	57	74	59	71	62	68	64
20	204	78	58	74	60	70	63	69	64	79	58	74	59	71	62	68	63
21	205	68	57	68	59	66	62	67	64	69	56	68	58	67	61	66	63
22	206	80	57	76	59	70	62	68	63	82	57	77	58	72	61	69	62
23	207	73	56	71	58	68	62	68	64	74	55	70	58	69	61	68	63
24	208	81	56	77	58	70	62	69	63	83	56	78	58	74	61	69	62
25	209	71	59	69	60	67	63	66	64	72	59	69	60	67	62	67	63
26	210	64	48	62	50	63	55	64	58	64	47	63	49	64	53	64	56
27	211	60	48	59	50	60	55	61	57	60	47	59	49	59	52	60	55
28	212	61	46	60	49	60	53	60	55	61	46	60	48	60	51	60	54
29	213	59	47	58	48	58	52	59	54	60	46	58	48	58	50	58	53
30	214	65	44	63	47	60	52	60	54	65	43	62	46	60	50	60	53
Sums		2305	1694	2204	1753	2087	1866	2057	1906	2346	1674	2232	1742	2140	1823	2065	1882
Averages		76.8	56.5	73.5	58.4	69.6	62.2	68.6	63.5	78.2	55.8	74.4	58.1	71.3	60.8	68.8	62.7

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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	185	0	29		4
2	186	11	14		0
3	187	8	17		0
4	188	0	30		5
5	189	1	24		0
6	190	9	16		0
7	191	1	24		0
8	192	0	34		9
9	193	0	36		11
10	194	0	37		12
11	195	0	25		0
12	196	4	21		0
13	197	0	25		0
14	198	6	19		0
15	199	11	14		0
16	200	10	15		0
17	201	8	17		0
18	202	4	21		0
19	203	4	21		0
20	204	0	25		0
21	205	3	22		0
22	206	0	26		1
23	207	5	20		0
24	208	1	24		0
25	209	2	23		0
26	210	9	16		0
27	211	15	10		0
28	212	15	10		0
29	213	15	10		0
30	214	15	10		0
Sums for month		157	635		42

195 Accumulated heating degree days since July 1
 4076 Accumulated growing degree days since Jan. 1
 535 Accumulated cooling degree days since Apr. 1