

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 1993

		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	77	66	75	67	72	67	70	67	86	62	80	64	76	65	72	66
2	155	82	68	79	68	74	67	72	68	96	67	88	67	81	65	75	66
3	156	77	66	76	68	73	68	72	68	84	62	79	64	76	67	73	67
4	157	77	66	76	68	73	68	71	68	91	65	83	66	78	67	73	67
5	158	73	62	72	64	70	64	69	66	78	56	74	59	72	62	70	64
6	159	73	60	72	63	70	64	69	65	84	56	78	59	74	61	70	64
7	160	74	63	72	62	69	64	68	64	92	62	82	61	76	62	70	63
8	161	74	62	72	62	69	64	69	64	85	58	78	60	74	63	70	65
9	162	76	63	73	64	70	65	69	64	91	60	82	62	76	63	71	64
10	163	79	65	76	65	72	66	70	65	96	65	88	65	81	65	74	66
11	164	78	67	75	66	72	66	71	67	94	68	86	68	80	68	74	68
12	165	77	67	75	68	72	68	71	68	94	64	84	65	78	68	73	68
13	166	81	68	77	68	74	67	72	67	96	66	88	67	81	68	74	68
14	167	84	68	80	67	76	68	74	69	100	66	92	69	85	69	77	69
15	168	84	68	80	70	76	71	74	69	100	65	91	68	84	70	77	70
16	169	86	71	82	69	78	70	75	70	103	71	94	71	86	71	78	71
17	170	74	69	73	69	73	68	73	70	77	68	75	69	74	69	73	69
18	171	77	70	75	69	73	69	71	69	84	67	80	68	76	69	72	69
19	172	81	66	78	67	75	69	73	69	94	63	87	65	81	68	75	69
20	173	83	69	79	69	76	69	73	70	100	68	91	68	84	68	77	69
21	174	77	65	75	67	73	68	72	68	86	61	80	63	76	66	73	68
22	175	76	59	73	62	71	63	70	65	88	53	81	57	76	61	72	64
23	176	74	60	72	61	70	63	69	65	91	56	83	60	77	61	72	63
24	177	77	63	74	62	71	65	70	64	94	64	85	62	78	62	72	64
25	178	79	68	76	68	73	68	72	68	93	67	84	68	79	68	74	68
26	179	82	68	79	69	76	69	73	69	98	65	90	67	83	69	76	68
27	180	84	68	81	69	77	69	74	68	102	67	94	69	86	69	78	70
28	181	85	71	82	70	78	71	75	71	103	71	94	71	87	71	79	71
29	182	84	68	81	70	78	70	75	71	98	64	91	68	85	70	78	71
30	183	83	68	80	70	76	70	74	70	99	68	89	69	82	69	77	70
31	184	80	68	78	70	75	70	74	70	94	68	88	69	82	70	76	70
SUMS		2448	2050	2368	2071	2275	2088	2224	2096	2871	1983	2639	2028	2464	2064	2295	2089
AVERAGES		79.0	66.1	76.4	66.8	73.4	67.4	71.7	67.6	92.6	64.0	85.1	65.4	79.5	66.6	74.0	67.4

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MO. DAY	CL. DAY	AIR TEMP. F			REL. HUM. PCT			VPD THOU IN/HG	SOLAR RAD		PPT HUND INS	SNOW TNTH INS	MI. WIND 1.5 FT	PAN THOU IN EVAP
		MAX	MIN	AVG	MAX	MIN	AVG		TOTAL	DIFF				
1	154	78	59	68	100	68	84	109	388	207	0	0	66	142
2	155	84	59	71	100	46	73	212	522	207	0	0	41	209
3	156	80	61	70	100	62	81	139	380	226	54	0	21	254
4	157	79	62	70	100	48	74	190	444	229	0	0	114	219
5	158	72	53	62	100	72	86	78	268	165	9	0	58	116
6	159	71	50	60	100	50	75	129	496	234	0	0	72	188
7	160	74	54	64	100	46	73	161	448	173	2	0	66	193
8	161	71	53	62	100	66	83	94	337	236	3	0	63	141
9	162	74	53	63	100	64	82	107	440	258	0	0	51	131
10	163	81	60	70	100	50	75	183	512	165	0	0	44	200
11	164	83	64	73	100	44	72	235	408	265	0	0	82	116
12	165	79	59	69	100	60	80	141	327	244	2	0	50	229
13	166	81	61	71	100	60	80	151	425	223	0	0	45	144
14	167	85	57	71	100	42	71	220	542	149	0	0	55	226
15	168	85	60	72	100	48	74	219	456	215	0	0	50	191
16	169	84	66	75	100	48	74	225	487	178	T	0	34	194
17	170	73	66	69	100	98	99	8	134	124	37	0	49	5
18	171	79	66	72	100	80	90	78	184	156	T	0	41	58
19	172	81	60	70	100	62	81	139	447	183	0	0	74	203
20	173	83	64	73	100	38	69	240	495	172	3	0	42	235
21	174	81	58	69	100	70	85	126	263	175	42	0	102	208
22	175	67	46	56	100	62	81	86	523	132	0	0	86	208
23	176	74	46	60	100	40	70	155	528	160	0	0	49	207
24	177	85	57	71	100	36	68	242	442	187	0	0	60	184
25	178	88	69	78	100	60	80	191	359	208	22	0	82	167
26	179	87	63	75	100	50	75	216	491	124	0	0	74	261
27	180	87	63	75	100	42	71	251	523	96	0	0	36	219
28	181	93	69	81	100	46	73	286	460	167	T	0	73	231
29	182	82	57	69	100	48	74	190	473	129	0	0	91	318
30	183	78	62	70	100	46	73	198	413	195	2	0	44	185
31	184	85	61	73	100	54	77	186	421	190	2	0	74	156
SUMS		2484	1838	2152	3100	1706	2403	5185	13036	5772	178	0	1889	5738
AVERAGE		80.1	59.3	69.4	100.0	55.0	77.5	0.167	420.5	186.2	0.06	0.0	60.9	0.185

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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	28		3
2	155	0	31		6
3	156	0	30		5
4	157	0	30		5
5	158	3	22		0
6	159	5	20		0
7	160	1	24		0
8	161	3	22		0
9	162	2	23		0
10	163	0	30		5
11	164	0	33		8
12	165	0	29		4
13	166	0	31		6
14	167	0	31		6
15	168	0	32		7
16	169	0	35		10
17	170	0	29		4
18	171	0	32		7
19	172	0	30		5
20	173	0	33		8
21	174	0	29		4
22	175	9	16		0
23	176	5	20		0
24	177	0	31		6
25	178	0	38		13
26	179	0	35		10
27	180	0	35		10
28	181	0	41		16
29	182	0	29		4
30	183	0	30		5
31	184	0	33		8
SUMS FOR MONTH		28	912		165
38	ACCUMULATED	HEATING DEGREE DAYS	SINCE JULY 1		
3334	ACCUMULATED	GROWING DEGREE DAYS	SINCE JAN. 1		
451	ACCUMULATED	COOLING DEGREE DAYS	SINCE APR. 1		