

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

1995

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	123	83	65	74	100	68	84	134	365	239	33	0	53	220
2	124	79	57	68	100	70	85	102	282	195	46	0	68	201
3	125	77	51	64	100	64	82	107	501	263	0	0	86	219
4	126	77	51	64	100	51	75	143	661	171	0	0	38	212
5	127	85	60	72	100	64	82	141	553	285	0	0	105	252
6	128	81	70	75	100	88	94	54	238	180	32	0	94	143
7	129	88	67	77	100	70	85	144	370	228	40	0	119	217
8	130	83	55	69	100	50	75	177	489	240	2	0	78	263
9	131	63	54	58	100	78	89	53	235	208	T	0	74	115
10	132	70	56	63	100	60	80	115	427	236	0	0	44	149
11	133	78	58	68	100	52	76	164	543	199	0	0	41	220
12	134	79	57	68	100	62	81	130	444	230	0	0	35	172
13	135	83	58	70	100	56	78	161	538	240	0	0	29	234
14	136	91	65	78	100	60	80	191	544	241	10	0	56	286
15	137	93	70	81	100	72	86	153	532	201	36	0	76	381
16	138	90	68	79	100	59	79	198	606	122	T	0	68	337
17	139	90	68	79	100	64	82	178	431	242	24	0	44	242
18	140	86	63	74	100	68	84	134	422	232	T	0	47	196
19	141	80	62	71	100	56	78	167	591	159	30	0	110	361
20	142	79	61	70	100	68	84	117	548	189	0	0	73	264
21	143	80	64	72	100	66	83	133	211	146	0	0	71	154
22	144	80	58	69	100	69	84	113	399	252	T	0	46	165
23	145	84	58	71	100	70	85	114	367	270	0	0	73	178
24	146	83	66	74	100	76	88	101	326	182	47	0	85	132
25	147	83	65	74	100	98	99	8	198	144	22	0	34	22
26	148	85	69	77	100	74	87	120	344	223	58	0	47	162
27	149	85	68	76	100	72	86	108	404	218	T	0	50	179
28	150	77	66	71	100	98	99	8	219	174	7	0	29	44
29	151	87	70	78	100	75	87	115	496	207	21	0	89	241
30	152	86	62	74	100	62	81	160	582	130	0	0	74	305
31	153	80	57	68	100	56	78	150	626	67	0	0	57	253
SUMS		2545	1919	2226	3100	2096	2596	3893	13492	6313	408	0	1993	6519
AVERAGE		82.1	61.9	71.8	100.0	67.6	83.7	0.126	435.2	203.6	0.13	0.0	64.3	0.210

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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	86	67	81	68	76	69	73	69	89	67	84	69	79	70	74	70
2	124	77	61	75	63	72	66	71	67	78	60	76	63	74	65	72	67
3	125	74	57	72	59	70	64	69	65	77	57	74	60	71	63	69	64
4	126	86	61	81	62	74	64	71	64	89	62	83	62	78	63	72	64
5	127	86	67	81	66	75	66	73	66	90	67	84	66	79	66	74	67
6	128	80	70	77	69	73	69	72	69	82	70	78	70	76	70	73	70
7	129	82	66	78	67	74	68	72	69	86	67	81	68	76	69	73	69
8	130	81	64	78	65	74	68	72	69	86	64	82	66	77	68	73	69
9	131	69	60	69	61	69	64	69	65	71	60	70	62	69	64	69	64
10	132	81	63	76	63	71	64	69	65	83	62	77	63	73	64	70	65
11	133	88	66	82	64	75	66	72	66	91	66	85	65	79	66	73	66
12	134	85	64	81	66	75	68	73	68	88	64	83	66	78	68	74	69
13	135	90	68	84	68	77	69	74	68	93	68	88	68	82	68	76	69
14	136	94	72	88	71	80	70	77	70	98	71	91	71	85	71	78	71
15	137	94	75	88	74	81	74	78	73	96	76	91	75	85	75	79	74
16	138	94	73	89	74	83	76	80	74	99	74	93	75	87	76	81	76
17	139	92	74	88	74	82	75	79	75	96	75	91	75	86	76	80	75
18	140	90	70	86	71	81	74	78	74	94	70	89	72	85	74	80	75
19	141	91	66	87	68	81	72	78	73	96	67	90	69	85	72	80	73
20	142	88	66	84	68	79	71	76	71	92	68	87	69	82	70	78	72
21	143	79	69	77	68	75	71	74	71	81	70	79	70	77	71	74	71
22	144	87	66	82	68	77	70	75	71	90	66	84	68	80	70	76	71
23	145	86	71	82	70	77	71	75	70	90	71	84	70	80	71	76	71
24	146	83	67	79	69	76	70	74	70	84	68	80	69	77	70	75	71
25	147	75	67	74	68	73	68	72	69	76	66	74	68	74	69	72	69
26	148	84	70	80	69	75	68	74	70	84	70	81	70	77	70	74	69
27	149	84	70	82	70	77	72	75	71	86	70	83	71	80	71	76	71
28	150	79	68	77	69	74	71	73	70	80	68	78	68	76	69	73	70
29	151	87	71	83	71	78	71	76	70	92	72	86	71	81	71	77	70
30	152	88	67	84	69	80	72	77	72	93	66	88	69	83	72	78	73
31	153	91	67	87	68	80	71	78	72	95	66	90	69	85	71	79	71
SUMS		2631	2083	2512	2100	2364	2152	2299	2156	2725	2088	2584	2117	2456	2153	2328	2166
AVERAGES		84.9	67.2	81.0	67.7	76.3	69.4	74.2	69.5	87.9	67.4	83.4	68.3	79.2	69.5	75.1	69.9

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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	123	0	34		9
2	124	0	28		3
3	125	1	24		0
4	126	1	24		0
5	127	0	32		7
6	128	0	35		10
7	129	0	37		12
8	130	0	29		4
9	131	7	18		0
10	132	2	23		0
11	133	0	28		3
12	134	0	28		3
13	135	0	30		5
14	136	0	38		13
15	137	0	41		16
16	138	0	39		14
17	139	0	39		14
18	140	0	34		9
19	141	0	31		6
20	142	0	30		5
21	143	0	32		7
22	144	0	29		4
23	145	0	31		6
24	146	0	34		9
25	147	0	34		9
26	148	0	37		12
27	149	0	36		11
28	150	0	31		6
29	151	0	38		13
30	152	0	34		9
31	153	0	28		3
SUMS FOR MONTH		11	986		222
11	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
2571	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
365	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		