

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

1994

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	83	63	73	100	50	75	202	487	223	0	0	14	370
2	155	85	66	75	100	40	70	269	467	250	2	0	89	239
3	156	84	64	74	100	57	78	184	374	259	54	0	50	179
4	157	82	66	74	100	46	73	226	440	262	0	0	58	190
5	158	85	55	70	100	56	78	191	429	255	19	0	108	257
6	159	62	49	55	100	46	73	120	325	132	0	0	100	96
7	160	69	47	58	100	41	70	145	576	133	0	0	55	147
8	161	76	54	65	100	42	71	178	627	60	0	0	56	357
9	162	81	60	70	100	48	74	190	473	183	0	0	74	208
10	163	74	55	64	100	80	90	59	168	144	0	0	84	88
11	164	70	54	62	100	40	70	166	429	210	0	0	69	199
12	165	70	57	63	100	50	75	149	223	191	0	0	36	71
13	166	80	62	71	100	62	81	144	398	241	1	0	58	107
14	167	75	66	70	100	88	94	44	120	108	82	0	82	85
15	168	71	53	62	100	50	75	138	304	191	3	0	93	191
16	169	69	51	60	100	50	75	129	490	191	0	0	85	171
17	170	75	57	66	100	52	76	153	467	216	0	0	64	73
18	171	75	61	68	100	78	89	75	253	210	124	0	92	208
19	172	76	59	67	100	80	90	68	424	224	T	0	94	168
20	173	79	62	70	100	60	80	146	497	204	0	0	72	180
21	174	83	64	73	100	62	81	160	393	229	82	0	91	240
22	175	74	62	68	100	80	90	68	0	0	25	0	50	128
23	176	69	48	58	100	50	75	120	0	0	0	0	100	256
24	177	70	47	58	100	48	74	125	0	0	0	0	52	184
25	178	76	55	65	100	48	74	166	0	0	T	0	80	203
26	179	79	63	71	100	78	89	84	0	0	35	0	59	113
27	180	82	66	74	100	50	75	210	0	0	0	0	54	110
28	181	79	62	70	100	53	76	176	393	199	0	0	55	194
29	182	82	54	68	100	60	80	137	196	139	3	0	99	147
30	183	69	51	60	100	48	74	134	448	128	0	0	83	215
31	184	71	55	63	100	38	69	176	480	95	14	0	61	156
SUMS		2355	1788	2065	3100	1731	2414	4532	9881	4677	444	0	2217	5530
AVERAGE		76.0	57.7	66.6	100.0	55.8	77.9	0.146	318.7	150.9	0.14	0.0	71.5	0.178

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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	88	69	84	69	78	71	75	71	92	69	86	69	81	70	76	70
2	155	90	71	85	71	79	72	76	72	93	71	87	71	83	72	78	71
3	156	88	68	83	69	78	71	75	72	90	68	85	69	80	71	76	71
4	157	83	68	80	70	76	71	74	71	84	68	81	69	78	71	75	71
5	158	87	66	83	68	78	70	75	72	90	65	85	68	80	70	76	71
6	159	70	57	69	59	71	64	72	65	70	55	69	59	70	62	72	64
7	160	81	58	77	60	72	63	70	65	83	58	78	60	74	62	70	64
8	161	85	63	80	62	75	65	72	66	88	62	82	62	78	63	73	65
9	162	85	66	80	66	76	68	73	68	88	66	82	66	78	66	74	68
10	163	74	62	72	63	71	66	70	70	74	62	73	64	72	65	71	67
11	164	80	63	77	64	72	66	70	66	81	63	78	64	74	65	71	66
12	165	73	64	71	64	70	66	69	66	74	64	72	64	71	65	69	66
13	166	84	67	79	66	74	66	72	67	86	67	80	66	76	65	72	66
14	167	74	68	72	68	71	68	70	68	74	67	73	68	72	68	70	68
15	168	72	58	71	60	70	63	69	65	72	57	71	60	70	62	69	64
16	169	73	58	71	60	68	63	67	64	75	57	72	59	70	61	67	63
17	170	78	61	74	60	70	63	68	64	80	61	76	60	72	62	69	63
18	171	76	64	73	64	70	65	68	66	77	64	74	64	71	65	69	65
19	172	77	63	72	64	71	66	69	66	78	63	74	64	72	66	70	66
20	173	80	66	77	65	72	66	70	67	83	66	79	65	75	66	71	66
21	174	82	68	78	68	74	68	72	68	85	68	80	68	77	68	73	68
22	175	76	65	74	66	71	68	70	68	77	65	74	66	75	68	71	68
23	176	75	57	73	60	71	64	70	66	75	56	73	59	72	62	70	64
24	177	80	57	76	60	71	64	69	65	82	57	77	59	73	62	70	64
25	178	80	61	76	61	71	64	69	64	82	60	77	60	74	62	70	64
26	179	77	64	74	65	70	65	69	66	78	64	74	64	72	65	69	66
27	180	82	68	78	67	73	67	71	67	82	67	78	66	75	67	71	66
28	181	82	67	79	67	74	69	72	69	85	66	81	67	77	68	72	69
29	182	75	59	73	62	71	65	70	67	76	59	73	61	72	64	70	65
30	183	76	58	74	60	70	64	69	65	77	57	74	59	71	62	69	64
31	184	79	60	75	60	70	63	69	65	80	59	76	60	72	62	69	64
SUMS		2462	1964	2360	1988	2248	2054	2194	2081	2511	1951	2394	1980	2307	2027	2212	2057
AVERAGES		79.4	63.4	76.1	64.1	72.5	66.3	70.8	67.1	81.0	62.9	77.2	63.9	74.4	65.4	71.4	66.4

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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	33		8
2	155	0	35		10
3	156	0	34		9
4	157	0	34		9
5	158	0	30		5
6	159	10	15		0
7	160	7	18		0
8	161	0	25		0
9	162	0	30		5
10	163	1	24		0
11	164	3	22		0
12	165	2	23		0
13	166	0	31		6
14	167	0	30		5
15	168	3	22		0
16	169	5	20		0
17	170	0	26		1
18	171	0	28		3
19	172	0	27		2
20	173	0	30		5
21	174	0	33		8
22	175	0	28		3
23	176	7	18		0
24	177	7	18		0
25	178	0	25		0
26	179	0	31		6
27	180	0	34		9
28	181	0	30		5
29	182	0	28		3
30	183	5	20		0
31	184	2	23		0
SUMS FOR MONTH		52	825		102
55	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
3321	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
461	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		