

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

1991

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	61	72	100	34	67	258	579	137	0	0	69	290
2	155	88	66	77	96	28	62	352	510	195	0	0	86	328
3	156	85	62	73	100	40	70	251	400	237	13	0	76	281
4	157	72	61	66	100	98	99	6	175	152	17	0	36	50
5	158	79	58	68	100	58	79	144	470	199	7	0	109	259
6	159	73	55	64	100	48	74	155	546	161	0	0	115	374
7	160	75	54	64	100	40	70	178	583	104	0	0	66	157
8	161	80	55	67	100	40	70	205	541	115	0	0	52	225
9	162	80	59	69	100	40	70	220	423	204	124	0	57	243
10	163	68	59	63	100	98	99	6	109	91	75	0	82	19
11	164	78	60	69	100	50	75	177	518	170	2	0	121	278
12	165	77	60	68	100	58	79	144	295	182	2	0	85	203
13	166	79	60	69	100	38	69	227	554	134	0	0	64	135
14	167	84	59	71	100	44	72	219	556	152	0	0	55	286
15	168	84	61	72	100	46	73	212	420	218	T	0	40	155
16	169	82	64	73	100	50	75	202	435	214	0	0	65	212
17	170	85	64	74	100	50	75	210	507	197	3	0	59	155
18	171	87	68	77	100	40	70	287	477	240	1	0	82	374
19	172	78	62	70	100	60	80	146	469	200	1	0	62	174
20	173	72	55	63	100	80	90	59	289	235	0	0	81	167
21	174	66	56	61	100	99	99	11	114	108	35	0	43	20
22	175	74	59	66	100	92	96	26	372	257	T	0	77	155
23	176	83	62	72	100	44	72	219	512	134	0	0	70	269
24	177	83	54	68	100	60	80	137	463	185	0	0	59	218
25	178	73	51	62	100	52	76	133	515	127	0	0	67	191
26	179	80	59	69	100	74	87	95	431	253	0	0	80	178
27	180	87	59	73	100	52	76	194	409	243	0	0	55	190
28	181	90	66	78	100	40	70	287	492	186	0	0	58	270
29	182	89	69	79	100	44	72	277	461	191	0	0	72	248
30	183	88	65	76	100	58	79	188	420	249	0	0	45	209
31	184	92	65	78	100	38	69	296	479	177	18	0	83	327
SUMS		2494	1868	2171	3096	1693	2394	5521	13524	5647	298	0	2171	6640
AVERAGE		80.5	60.3	70.0	99.9	54.6	77.2	0.178	436.3	182.2	0.10	0.0	70.0	0.214

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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	82	69	80	70	78	71	76	72	98	68	90	68	84	69	79	71
2	155	82	71	81	72	79	72	77	73	98	70	91	72	85	72	80	73
3	156	81	72	80	73	78	74	76	74	95	69	89	71	84	73	79	74
4	157	75	70	75	71	74	71	74	72	79	68	76	69	74	70	74	71
5	158	78	67	78	69	76	70	74	71	92	63	85	66	80	68	76	70
6	159	76	65	75	67	74	68	73	69	90	61	83	64	78	67	75	69
7	160	80	66	77	67	75	68	74	69	94	64	87	66	81	67	76	69
8	161	82	68	79	68	77	69	75	70	96	65	89	68	83	69	77	70
9	162	82	68	79	69	77	70	75	71	95	66	88	68	82	70	77	71
10	163	70	66	70	67	71	67	71	68	71	62	71	64	70	66	72	67
11	164	76	66	75	67	73	67	71	68	87	62	81	64	77	66	73	67
12	165	72	66	72	67	70	68	70	68	81	62	76	64	73	66	71	67
13	166	79	67	77	68	74	68	72	68	96	66	87	66	81	66	75	67
14	167	81	69	79	70	76	70	74	70	99	67	91	69	84	70	78	70
15	168	80	70	79	71	76	71	74	71	96	67	89	69	83	71	78	72
16	169	80	70	78	71	76	71	74	72	96	68	87	70	80	71	76	72
17	170	81	71	79	71	78	71	76	72	100	67	91	69	85	71	78	72
18	171	80	72	79	72	77	72	75	72	96	71	89	70	83	71	78	72
19	172	80	72	79	72	78	73	76	73	97	70	90	72	84	73	79	74
20	173	75	67	75	68	75	70	74	70	85	63	81	66	78	68	75	70
21	174	70	67	70	68	70	68	70	69	72	65	71	66	70	67	70	68
22	175	74	66	73	68	72	68	71	69	82	61	78	64	75	66	72	68
23	176	78	67	76	68	74	68	72	69	96	66	87	65	80	66	75	68
24	177	79	67	77	68	75	69	73	70	93	62	86	65	81	68	76	70
25	178	77	66	76	67	74	68	73	69	93	61	86	64	80	67	75	69
26	179	75	66	74	67	73	68	72	69	89	65	83	65	78	67	74	69
27	180	78	69	77	69	75	70	74	70	93	67	86	69	81	70	76	70
28	181	82	70	80	71	78	71	76	71	99	70	92	70	85	71	79	72
29	182	82	72	80	72	79	73	77	73	99	72	92	72	86	73	80	73
30	183	83	73	81	74	80	74	78	74	100	71	92	73	86	75	80	74
31	184	85	74	83	74	81	74	79	74	102	72	95	74	88	75	82	75
SUMS		2435	2129	2393	2156	2343	2172	2296	2190	2859	2051	2659	2102	2499	2149	2365	2184
AVERAGES		78.5	68.7	77.2	69.5	75.6	70.1	74.1	70.6	92.2	66.2	85.8	67.8	80.6	69.3	76.3	70.5

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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	32		7
2	155	0	37		12
3	156	0	33		8
4	157	0	26		1
5	158	0	28		3
6	159	1	24		0
7	160	1	24		0
8	161	0	27		2
9	162	0	29		4
10	163	2	23		0
11	164	0	29		4
12	165	0	28		3
13	166	0	29		4
14	167	0	31		6
15	168	0	32		7
16	169	0	33		8
17	170	0	34		9
18	171	0	37		12
19	172	0	30		5
20	173	2	23		0
21	174	4	21		0
22	175	0	26		1
23	176	0	32		7
24	177	0	28		3
25	178	3	22		0
26	179	0	29		4
27	180	0	33		8
28	181	0	38		13
29	182	0	39		14
30	183	0	36		11
31	184	0	38		13
SUMS FOR MONTH		13	931		169
17	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
3811	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
636	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		