

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

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	154	89	63	76	100	50	75	224	625	58	0	0	38	242
2	155	90	69	79	100	52	76	245	546	133	0	0	60	306
3	156	76	65	70	100	92	96	29	295	247	T	0	43	103
4	157	89	68	78	100	76	88	115	361	233	83	0	59	192
5	158	83	68	75	100	88	94	54	343	255	8	0	50	172
6	159	83	62	72	100	98	99	8	211	188	4	0	31	51
7	160	78	62	70	100	90	95	36	352	231	0	0	77	157
8	161	78	58	68	100	66	83	116	539	169	0	0	61	217
9	162	80	56	68	100	44	72	192	590	149	0	0	63	271
10	163	82	59	70	100	40	70	220	614	83	0	0	87	296
11	164	84	58	71	100	72	86	106	458	230	0	0	66	182
12	165	84	70	77	100	68	84	148	372	187	34	0	52	140
13	166	82	61	71	100	80	90	78	280	160	9	0	75	215
14	167	80	63	71	100	60	80	157	551	94	0	0	32	216
15	168	86	71	78	100	82	91	86	332	251	0	0	33	139
16	169	93	69	81	100	62	81	200	480	231	19	0	67	309
17	170	84	61	72	100	48	74	204	566	61	0	0	65	316
18	171	86	61	73	100	50	75	210	503	139	0	0	67	240
19	172	85	59	72	100	50	75	196	542	114	0	0	81	295
20	173	84	63	73	100	60	80	168	544	111	0	0	80	207
21	174	88	67	77	100	52	76	230	463	210	0	0	57	309
22	175	88	60	74	100	36	68	268	568	64	0	0	104	387
23	176	74	54	64	100	56	78	131	442	180	0	0	96	279
24	177	81	56	68	100	46	73	185	516	116	T	0	88	219
25	178	73	47	60	100	48	74	134	506	128	0	0	102	179
26	179	70	51	60	100	54	77	119	542	56	0	0	50	224
27	180	81	55	68	100	40	70	205	266	196	0	0	47	141
28	181	70	53	61	100	94	97	16	175	138	T	0	52	120
29	182	78	56	67	100	66	83	112	426	215	0	0	82	197
30	183	83	53	68	100	58	79	144	460	167	0	0	75	268
31	184	79	57	68	100	38	69	212	528	60	0	0	49	253
SUMS		2541	1875	2200	3100	1916	2508	4548	13996	4854	157	0	1989	6842
AVERAGE		82.0	60.5	71.0	100.0	61.8	80.9	0.147	451.5	156.6	0.05	0.0	64.2	0.221

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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	95	70	89	70	82	72	79	72	99	71	93	70	87	72	80	71
2	155	96	74	90	74	84	75	80	75	100	75	94	75	88	75	82	74
3	156	86	71	83	72	79	74	77	73	88	72	84	72	82	74	78	74
4	157	92	71	86	71	80	73	78	73	95	72	89	73	84	73	78	83
5	158	84	71	81	72	78	73	76	73	85	72	82	71	79	72	76	72
6	159	80	67	78	69	76	71	74	71	80	66	78	68	77	70	75	71
7	160	81	66	78	67	75	70	74	70	84	67	80	68	77	70	74	71
8	161	87	64	83	67	78	70	75	70	91	65	86	68	81	70	76	70
9	162	89	64	84	67	78	70	76	70	92	64	87	67	82	69	77	70
10	163	90	66	85	67	78	70	76	70	92	67	87	68	82	70	77	71
11	164	90	70	85	69	79	71	76	71	92	70	87	69	82	71	77	71
12	165	84	71	81	71	78	72	76	72	88	72	84	73	81	73	77	72
13	166	80	64	78	67	76	70	74	71	82	64	79	67	77	68	75	70
14	167	91	70	86	68	79	70	76	71	94	70	88	69	83	69	77	70
15	168	88	74	85	73	80	73	77	73	90	74	87	74	83	74	78	73
16	169	97	74	92	74	84	76	81	74	100	74	94	76	89	76	82	74
17	170	93	69	89	71	83	74	80	75	96	68	91	71	86	73	81	75
18	171	93	71	88	72	82	74	79	74	96	71	90	73	85	73	80	74
19	172	94	69	89	70	82	74	80	74	96	68	91	72	86	73	81	75
20	173	92	70	88	72	82	74	79	74	95	70	90	72	85	74	80	74
21	174	93	73	89	73	82	75	80	75	96	73	91	73	86	74	81	75
22	175	95	70	90	71	84	75	80	76	98	69	92	72	88	74	82	75
23	176	85	65	82	67	79	71	78	73	87	64	84	67	81	70	78	72
24	177	90	69	85	68	80	70	77	72	92	68	87	68	83	70	78	72
25	178	86	62	83	66	79	70	77	71	88	62	84	65	81	68	78	71
26	179	87	65	83	66	78	69	75	70	89	65	84	66	80	68	76	70
27	180	82	67	78	68	75	70	74	70	84	66	79	67	76	69	74	70
28	181	75	61	74	63	72	66	62	68	76	60	74	63	73	66	72	68
29	182	83	65	79	64	74	66	73	68	86	64	80	64	77	66	74	68
30	183	87	63	83	66	77	69	75	69	89	62	84	65	80	68	75	70
31	184	88	66	84	66	78	69	75	69	91	66	86	66	81	68	76	70
SUMS		2733	2112	2608	2141	2451	2216	2369	2227	2811	2111	2666	2152	2542	2200	2405	2236
AVERAGES		88.2	68.1	84.1	69.1	79.1	71.5	76.4	71.8	90.7	68.1	86.0	69.4	82.0	71.0	77.6	72.1

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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	36		11
2	155	0	39		14
3	156	0	30		5
4	157	0	38		13
5	158	0	35		10
6	159	0	32		7
7	160	0	30		5
8	161	0	28		3
9	162	0	28		3
10	163	0	30		5
11	164	0	31		6
12	165	0	37		12
13	166	0	31		6
14	167	0	31		6
15	168	0	38		13
16	169	0	41		16
17	170	0	32		7
18	171	0	33		8
19	172	0	32		7
20	173	0	33		8
21	174	0	37		12
22	175	0	34		9
23	176	1	24		0
24	177	0	28		3
25	178	5	20		0
26	179	5	20		0
27	180	0	28		3
28	181	4	21		0
29	182	0	27		2
30	183	0	28		3
31	184	0	28		3
SUMS FOR MONTH		15	960		200
26	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
3531	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
565	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		