

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

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	123	76	58	67	100	76	88	79	392	256	T	0	81	192
2	124	78	62	70	100	59	79	146	554	233	0	0	60	229
3	125	84	57	70	100	60	80	146	459	261	0	0	82	139
4	126	73	52	62	100	51	75	133	733	78	0	0	65	315
5	127	82	52	67	100	46	73	178	663	131	0	0	76	269
6	128	87	67	77	100	70	85	139	411	270	19	0	79	193
7	129	90	68	79	100	54	77	228	374	200	15	0	56	170
8	130	83	69	76	100	75	87	108	323	232	0	0	40	119
9	131	91	72	81	100	62	81	207	473	264	0	0	52	160
10	132	87	61	74	100	59	79	168	449	263	0	0	89	285
11	133	75	56	65	100	68	84	102	390	225	0	0	116	234
12	134	77	56	66	100	46	73	172	559	147	0	0	55	224
13	135	85	65	75	100	52	76	208	478	219	0	0	82	281
14	136	84	57	70	100	53	76	176	563	217	0	0	72	285
15	137	72	64	68	100	78	89	75	192	166	6	0	24	51
16	138	86	65	75	100	60	80	179	435	305	0	0	81	143
17	139	76	58	67	100	68	84	106	329	243	0	0	50	112
18	140	81	62	71	100	48	74	204	517	270	0	0	37	317
19	141	82	62	72	100	62	81	149	0	0	5	0	50	149
20	142	87	60	73	100	42	71	243	570	188	0	0	47	268
21	143	92	71	81	100	44	72	305	530	237	0	0	63	283
22	144	91	70	80	100	50	75	225	531	178	0	0	128	353
23	145	85	66	75	100	56	78	152	312	204	T	0	84	94
24	146	85	61	73	100	66	83	138	493	200	0	0	81	80
25	147	80	60	70	100	66	83	124	384	206	7	0	57	411
26	148	85	61	73	100	40	70	243	444	196	50	0	62	136
27	149	76	56	66	100	44	72	179	334	223	2	0	67	151
28	150	75	60	67	100	46	73	185	412	279	20	0	32	176
29	151	75	58	66	100	58	79	134	414	221	0	0	43	156
30	152	80	62	71	100	52	76	182	536	229	10	0	43	191
31	153	80	58	69	100	60	80	141	535	231	2	0	80	144
SUMS		2540	1906	2216	3100	1771	2433	5154	13789	6572	136	0	2034	6310
AVERAGE		81.9	61.5	71.5	100.0	57.1	78.5	0.166	444.8	212.0	0.04	0.0	65.6	0.204

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

1994

		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	77	65	74	66	72	68	70	67	79	64	76	66	74	66	70	67
2	124	82	63	78	67	74	67	71	67	87	66	82	65	78	67	72	67
3	125	81	65	77	67	74	69	72	68	86	66	81	67	77	69	73	69
4	126	85	63	81	65	76	68	73	68	91	63	85	66	80	68	75	69
5	127	86	67	82	67	77	68	74	68	92	68	86	67	81	68	75	68
6	128	81	70	78	71	75	71	73	71	83	70	80	70	78	72	74	71
7	129	87	71	82	71	76	71	74	71	91	70	85	71	79	72	75	71
8	130	82	71	79	72	75	72	73	71	84	71	81	71	78	72	74	71
9	131	89	74	85	72	79	72	76	71	94	74	89	72	83	72	78	72
10	132	88	69	84	71	80	73	77	73	92	70	88	72	84	73	78	73
11	133	80	63	77	65	75	68	74	69	82	63	79	65	77	67	74	69
12	134	84	65	80	66	76	68	73	69	88	64	83	67	79	68	75	69
13	135	86	68	81	68	77	69	74	69	90	69	85	68	80	69	75	70
14	136	89	67	84	69	79	72	76	72	93	67	87	70	83	71	77	72
15	137	76	69	75	70	73	70	72	70	78	69	76	70	75	70	73	70
16	138	86	70	82	70	77	70	74	70	89	70	84	71	80	70	76	70
17	139	81	66	78	67	75	69	73	70	84	65	80	67	78	69	74	69
18	140	86	68	82	68	78	69	75	70	90	69	86	69	81	70	76	69
19	141	84	67	80	69	76	71	74	71	87	67	82	69	79	71	75	71
20	142	90	70	85	70	79	71	76	71	94	71	88	70	83	70	78	70
21	143	94	74	88	72	81	72	80	73	98	74	90	73	85	74	80	73
22	144	94	74	89	75	82	75	79	74	98	75	91	76	86	76	80	75
23	145	86	72	83	72	79	74	77	74	89	72	85	72	81	74	78	74
24	146	89	70	85	71	80	73	77	73	92	69	86	71	83	73	79	73
25	147	84	68	80	69	77	72	75	72	86	68	82	70	79	71	76	71
26	148	88	68	84	69	78	72	76	72	91	68	85	70	81	72	77	71
27	149	77	63	76	65	74	68	73	69	78	62	76	64	75	67	74	69
28	150	82	67	78	66	75	68	73	69	84	66	80	66	77	67	73	68
29	151	82	64	78	66	74	68	72	69	83	63	78	65	76	67	73	68
30	152	87	68	82	67	77	68	74	69	90	67	85	66	80	67	75	68
31	153	85	66	81	68	77	70	75	71	88	66	84	68	80	69	76	71
SUMS		2628	2105	2508	2131	2377	2176	2305	2181	2731	2106	2585	2134	2470	2171	2338	2178
AVERAGES		84.8	67.9	80.9	68.7	76.7	70.2	74.4	70.4	88.1	67.9	83.4	68.8	79.7	70.0	75.4	70.3

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

1994

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	123	0	27		2
2	124	0	30		5
3	125	0	30		5
4	126	3	22		0
5	127	0	27		2
6	128	0	37		12
7	129	0	39		14
8	130	0	36		11
9	131	0	41		16
10	132	0	34		9
11	133	0	25		0
12	134	0	26		1
13	135	0	35		10
14	136	0	30		5
15	137	0	28		3
16	138	0	35		10
17	139	0	27		2
18	140	0	31		6
19	141	0	32		7
20	142	0	33		8
21	143	0	41		16
22	144	0	40		15
23	145	0	35		10
24	146	0	33		8
25	147	0	30		5
26	148	0	33		8
27	149	0	26		1
28	150	0	27		2
29	151	0	26		1
30	152	0	31		6
31	153	0	29		4
SUMS FOR MONTH		3	976		204
3	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
2496	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
359	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		