

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

1992

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	78	56	67	100	60	80	132	636	215	0	0	77	290
2	124	74	56	65	90	40	65	216	643	131	0	0	75	312
3	125	72	57	64	100	40	70	155	634	118	0	0	57	326
4	126	68	60	64	100	96	98	12	200	152	109	0	138	10
5	127	74	59	66	100	48	74	166	523	226	12	0	77	227
6	128	76	53	64	100	56	78	131	499	228	7	0	70	283
7	129	69	56	62	90	82	86	78	518	237	0	0	90	276
8	130	75	53	64	100	52	76	143	561	225	0	0	59	145
9	131	74	59	66	100	58	79	134	247	206	70	0	100	101
10	132	79	62	70	100	58	79	154	510	230	12	0	95	133
11	133	79	61	70	100	60	80	146	381	252	5	0	60	78
12	134	74	59	66	100	66	83	108	487	277	0	0	64	247
13	135	74	64	69	100	82	91	64	204	183	111	0	54	120
14	136	70	61	65	100	82	91	58	213	196	3	0	61	99
15	137	78	59	68	100	88	94	41	286	210	158	0	63	22
16	138	66	54	60	100	98	99	6	171	142	45	0	48	7
17	139	78	61	69	100	68	84	117	537	199	18	0	66	218
18	140	79	64	71	100	74	87	102	258	196	131	0	79	161
19	141	80	60	70	100	50	75	183	432	242	0	0	32	173
20	142	78	60	69	100	58	79	148	416	230	T	0	38	172
21	143	83	57	70	100	54	77	168	392	194	23	0	72	212
22	144	68	50	59	100	58	79	105	471	242	T	0	60	175
23	145	71	55	63	100	48	74	149	538	195	84	0	34	230
24	146	62	57	59	100	98	99	5	73	71	18	0	40	23
25	147	70	57	63	100	82	91	54	234	211	0	0	49	103
26	148	74	61	67	100	72	86	96	325	274	2	0	34	94
27	149	74	60	67	100	78	89	72	152	133	14	0	61	57
28	150	73	53	63	100	52	76	138	408	282	0	0	81	208
29	151	70	56	63	100	58	79	120	435	257	0	0	64	125
30	152	71	55	63	100	62	81	109	327	208	70	0	46	132
31	153	72	53	62	100	40	70	166	558	201	143	0	50	204
SUMS		2283	1788	2028	3080	2018	2549	3476	12269	6363	1035	0	1994	4963
AVERAGE		73.6	57.7	65.4	99.4	65.1	82.2	0.112	395.8	205.3	0.33	0.0	64.3	0.160

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		SOIL TEMPERATURE F															
		SOD								BARE							
MO.	CL.	2 INCH		4 INCH		8 INCH		12 INCH		2 INCH		4 INCH		8 INCH		12 INCH	
DAY	DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	123	79	65	76	66	72	66	70	66	96	63	89	65	81	66	74	67
2	124	78	66	75	66	72	66	70	67	95	64	88	66	81	67	74	67
3	125	79	66	76	66	72	67	70	67	96	65	88	66	81	67	74	67
4	126	67	64	67	64	67	64	67	64	69	62	68	62	68	64	68	64
5	127	73	65	72	64	69	64	67	64	86	62	81	63	75	64	70	64
6	128	74	64	72	64	69	64	67	65	83	58	78	60	74	62	69	64
7	129	72	63	71	64	68	64	67	65	87	58	80	61	74	63	69	64
8	130	75	64	73	64	70	64	68	65	91	60	84	63	78	63	71	64
9	131	69	65	69	65	67	65	66	65	76	65	74	64	71	65	68	66
10	132	74	66	73	67	70	66	68	66	88	62	81	64	75	65	70	66
11	133	75	67	73	67	70	67	69	66	86	64	81	66	76	66	71	66
12	134	75	67	73	68	71	67	69	67	86	64	81	65	76	67	71	67
13	135	72	68	71	68	69	67	69	67	78	69	75	68	72	67	69	67
14	136	72	67	71	68	69	67	68	67	76	64	73	65	71	66	69	67
15	137	74	66	73	66	70	66	69	66	84	63	79	64	74	65	70	66
16	138	68	64	68	65	67	65	66	65	71	58	68	60	68	62	67	64
17	139	76	65	74	65	70	65	68	65	89	66	83	64	77	63	71	64
18	140	74	68	72	68	70	68	69	68	80	65	76	66	73	67	70	68
19	141	77	68	75	68	72	68	70	68	85	64	80	66	76	67	72	68
20	142	77	68	75	69	72	68	70	69	84	63	80	65	76	67	72	68
21	143	77	68	75	69	72	68	70	68	89	63	83	65	77	67	72	68
22	144	76	64	74	66	71	66	70	67	84	56	79	59	74	62	70	65
23	145	76	65	74	66	70	66	69	67	89	62	82	62	76	62	71	65
24	146	67	65	67	65	67	65	67	65	67	62	66	63	66	64	67	65
25	147	70	65	69	65	67	65	66	65	75	63	72	63	69	64	67	64
26	148	73	67	72	67	68	66	68	66	79	64	76	65	73	65	69	66
27	149	69	66	68	66	67	66	67	66	70	62	69	64	68	65	67	66
28	150	72	63	71	64	68	65	68	66	78	59	75	61	72	63	69	64
29	151	71	63	70	64	67	65	67	65	80	61	76	61	72	63	68	64
30	152	71	63	70	64	68	65	67	65	76	57	73	59	70	62	68	64
31	153	76	64	73	64	69	65	68	65	85	62	80	62	74	62	69	64
SUMS		2278	2029	2232	2042	2150	2040	2114	2047	2558	1930	2418	1967	2288	2002	2166	2033
AVERAGES		73.5	65.5	72.0	65.9	69.4	65.8	68.2	66.0	82.5	62.3	78.0	63.5	73.8	64.6	69.9	65.6

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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	27		2
2	124	0	25		0
3	125	1	24		0
4	126	1	24		0
5	127	0	26		1
6	128	1	24		0
7	129	3	22		0
8	130	1	24		0
9	131	0	26		1
10	132	0	30		5
11	133	0	30		5
12	134	0	26		1
13	135	0	29		4
14	136	0	25		0
15	137	0	28		3
16	138	5	20		0
17	139	0	29		4
18	140	0	31		6
19	141	0	30		5
20	142	0	29		4
21	143	0	30		5
22	144	6	19		0
23	145	2	23		0
24	146	6	19		0
25	147	2	23		0
26	148	0	27		2
27	149	0	27		2
28	150	2	23		0
29	151	2	23		0
30	152	2	23		0
31	153	3	22		0
SUMS FOR MONTH		37	788		50
37	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
2111	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
99	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		