

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 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	123	71	53	62	100	44	72	155	464	199	T	0	84	171
2	124	74	59	66	82	30	56	281	629	172	0	0	52	322
3	125	77	59	68	100	42	71	198	298	251	0	0	35	116
4	126	80	63	71	100	52	76	188	512	262	0	0	55	152
5	127	80	66	73	100	66	83	138	279	247	0	0	123	201
6	128	79	62	70	100	78	89	80	363	256	15	0	73	163
7	129	87	65	76	100	38	69	278	532	178	35	0	54	196
8	130	84	65	74	100	66	83	142	468	254	2	0	71	287
9	131	82	59	70	100	42	71	212	571	195	0	0	133	363
10	132	76	56	66	100	32	66	217	647	131	0	0	73	262
11	133	79	62	70	100	34	67	242	653	108	0	0	70	307
12	134	79	52	65	100	38	69	198	635	151	0	0	87	221
13	135	82	63	72	100	36	68	251	506	230	5	0	54	340
14	136	69	60	64	100	98	99	6	124	79	29	0	78	64
15	137	78	61	69	100	36	68	234	616	137	0	0	97	310
16	138	82	57	69	100	34	67	242	385	251	0	0	73	302
17	139	87	61	74	100	30	65	294	423	237	0	0	63	334
18	140	89	69	79	100	32	66	336	655	92	0	0	87	391
19	141	90	67	78	100	50	75	240	566	195	0	0	62	310
20	142	91	67	79	100	52	76	237	499	260	0	0	61	303
21	143	95	72	83	100	42	71	338	639	117	0	0	65	385
22	144	89	67	78	100	66	83	162	645	126	T	0	70	82
23	145	90	82	86	90	82	86	174	581	211	36	0	77	366
24	146	87	62	74	100	48	74	218	318	193	7	0	95	242
25	147	82	63	72	100	34	67	258	661	98	0	0	73	338
26	148	86	64	75	100	36	68	277	673	85	0	0	66	306
27	149	86	56	71	100	50	75	190	629	161	0	0	86	302
28	150	76	54	65	100	40	70	185	537	260	0	0	88	292
29	151	80	60	70	100	36	68	234	433	241	0	0	44	221
30	152	84	63	73	100	40	70	251	554	289	0	0	113	416
31	153	78	60	69	100	76	88	85	400	264	6	0	90	166
SUMS		2549	1929	2231	3072	1480	2276	6541	15895	5930	135	0	2352	8231
AVERAGE		82.2	62.2	72.0	99.1	47.7	73.4	0.211	512.7	191.3	0.04	0.0	75.9	0.266

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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	123	77	67	76	68	75	70	74	70	91	62	85	66	80	69	76	70
2	124	81	68	79	68	77	70	75	70	99	68	91	68	84	69	78	70
3	125	75	69	75	70	73	70	72	70	88	67	82	69	78	70	75	71
4	126	81	70	79	70	76	70	74	70	98	70	90	70	84	70	77	71
5	127	76	70	75	71	74	71	73	71	85	69	81	70	78	71	75	71
6	128	76	68	75	69	73	69	72	70	87	65	81	67	77	68	74	70
7	129	83	70	80	69	77	69	74	70	99	69	91	70	84	69	78	70
8	130	82	71	80	72	76	72	74	72	91	69	86	71	81	72	76	72
9	131	80	68	78	69	76	70	74	71	94	65	88	67	82	70	77	71
10	132	81	67	79	69	76	70	74	71	98	64	90	67	84	69	78	71
11	133	82	68	80	69	77	70	75	70	99	67	91	69	85	70	78	71
12	134	82	68	80	70	78	71	76	71	98	64	91	68	84	70	78	72
13	135	80	69	79	70	77	71	75	71	96	71	88	70	83	70	78	72
14	136	73	66	73	68	73	68	73	69	74	61	73	64	73	66	73	68
15	137	79	66	77	68	74	68	73	69	92	63	85	66	80	67	75	68
16	138	82	67	80	68	76	69	74	69	100	65	91	68	84	68	78	69
17	139	84	69	82	70	79	70	76	71	104	68	95	70	87	70	80	71
18	140	84	71	82	72	80	72	77	72	103	74	95	73	88	73	81	73
19	141	84	75	83	75	80	76	78	75	99	74	92	76	87	77	81	77
20	142	84	75	83	75	80	76	78	75	99	74	92	76	87	77	81	77
21	143	89	76	86	76	83	76	80	75	107	77	99	78	91	77	84	76
22	144	85	76	84	76	82	77	80	76	97	74	92	76	87	77	82	77
23	145	84	76	83	76	80	76	78	76	99	74	91	75	85	76	81	76
24	146	83	69	82	71	79	72	78	73	89	64	85	67	82	70	79	72
25	147	83	70	81	71	79	72	77	72	101	68	92	68	86	70	80	72
26	148	84	72	83	73	80	73	78	74	102	72	94	72	88	74	82	74
27	149	82	69	80	70	78	72	77	73	94	64	89	67	84	70	79	73
28	150	83	69	81	70	79	72	77	72	99	64	91	67	85	70	79	72
29	151	85	70	83	70	79	72	77	72	103	70	94	69	87	70	80	72
30	152	84	72	83	73	80	74	77	74	101	70	93	72	87	73	81	74
31	153	79	69	78	70	76	71	75	72	86	63	83	66	80	69	77	71
SUMS		2527	2170	2479	2196	2402	2219	2345	2226	2972	2109	2761	2162	2592	2201	2431	2234
AVERAGES		81.5	70.0	80.0	70.8	77.5	71.6	75.6	71.8	95.9	68.0	89.1	69.7	83.6	71.0	78.4	72.1

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JULY

1991

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	123	3	22		0
2	124	0	26		1
3	125	0	28		3
4	126	0	31		6
5	127	0	33		8
6	128	0	30		5
7	129	0	36		11
8	130	0	34		9
9	131	0	30		5
10	132	0	26		1
11	133	0	30		5
12	134	0	25		0
13	135	0	32		7
14	136	1	24		0
15	137	0	29		4
16	138	0	29		4
17	139	0	34		9
18	140	0	39		14
19	141	0	38		13
20	142	0	39		14
21	143	0	43		18
22	144	0	38		13
23	145	0	46		21
24	146	0	34		9
25	147	0	32		7
26	148	0	35		10
27	149	0	31		6
28	150	0	25		0
29	151	0	30		5
30	152	0	33		8
31	153	0	29		4
SUMS FOR MONTH		4	991		220
4	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
2880	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
467	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		