

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

MAY 1996

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	62	63	37	50	100	71	85	50	133	84	155	0	0	0
2	63	59	40	49	100	58	79	76	310	145	T	0	118	164
3	64	62	41	51	77	36	56	170	554	94	0	0	80	216
4	65	59	41	50	100	67	83	58	146	125	7	0	42	73
5	66	53	44	48	100	94	97	10	131	86	29	0	55	8
6	67	56	41	48	100	65	82	60	448	143	25	0	75	153
7	68	53	32	42	100	46	73	72	422	184	0	0	67	111
8	69	60	39	49	100	46	73	98	481	278	0	0	122	205
9	70	61	46	53	100	67	83	67	486	205	10	0	67	159
10	71	60	51	55	100	96	98	9	188	157	38	0	173	36
11	72	81	49	65	100	67	83	99	348	184	89	0	103	273
12	73	49	32	40	100	98	99	2	88	80	103	0	161	2
13	74	46	34	40	93	63	78	54	491	285	T	0	176	250
14	75	50	35	42	84	43	63	96	492	219	0	0	113	111
15	76	60	37	48	90	36	63	124	559	193	T	0	65	194
16	77	65	42	53	93	36	64	150	518	202	0	0	179	361
17	78	55	45	50	100	92	96	14	242	184	0	0	77	48
18	79	70	51	60	100	59	79	103	610	133	T	0	55	211
19	80	89	65	77	100	67	83	148	491	219	T	0	85	185
20	81	92	69	80	82	34	58	429	424	261	0	0	86	388
21	82	89	62	75	100	52	76	215	440	223	68	0	98	296
22	83	73	53	63	100	51	75	138	394	194	2	0	86	98
23	84	71	50	60	100	50	75	129	603	162	0	0	85	239
24	85	73	47	60	100	61	80	103	467	190	36	0	67	158
25	86	58	42	50	90	42	66	122	687	90	1	0	106	246
26	87	60	44	52	100	46	73	104	646	93	0	0	73	252
27	88	64	47	55	99	45	72	125	414	304	0	0	41	118
28	89	67	50	58	100	45	72	135	587	176	0	0	53	272
29	90	63	45	54	100	60	80	83	500	260	0	0	113	202
30	91	58	39	48	100	49	74	87	667	115	0	0	101	238
31	92	61	45	53	87	46	66	137	685	88	0	0	92	211
SUMS		1980	1395	1678	2995	1788	2384	3267	13652	5356	563	0	2814	5478
AVERAGE		63.9	45.0	54.1	96.6	57.7	76.9	0.105	440.4	172.8	0.18	0.0	90.8	0.177

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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	62	57	38	54	40	51	43	53	44	60	39	58	40	57	42	56	44
2	63	56	41	53	42	49	44	53	44	58	42	57	43	55	44	54	44
3	64	63	44	58	44	53	44	55	45	64	44	60	44	59	44	59	44
4	65	56	43	55	44	52	46	54	46	59	44	58	45	58	46	57	46
5	66	56	43	53	44	51	46	54	46	60	44	58	45	58	46	56	46
6	67	67	44	61	46	54	46	55	46	70	45	68	46	62	46	62	46
7	68	60	37	56	40	53	44	55	46	62	38	61	41	59	44	62	45
8	69	60	42	57	43	53	44	56	46	66	42	62	44	60	44	61	45
9	70	67	49	61	46	56	46	56	48	68	49	64	47	62	47	61	47
10	71	61	51	58	50	54	50	55	50	64	51	62	51	61	51	60	49
11	72	73	55	66	53	60	51	61	51	72	55	67	53	64	52	61	51
12	73	56	38	57	41	57	46	58	48	58	38	60	40	60	44	60	47
13	74	59	36	56	39	54	43	58	46	62	36	61	39	59	42	58	45
14	75	57	36	54	38	51	43	55	45	61	36	58	39	58	42	56	44
15	76	62	40	58	42	53	44	56	44	62	40	60	42	60	43	61	44
16	77	62	45	59	46	54	46	56	46	69	46	65	46	63	46	61	46
17	78	58	46	55	46	53	48	52	48	64	47	62	48	60	48	59	48
18	79	74	55	68	51	60	50	57	49	76	54	69	52	68	51	65	49
19	80	79	62	72	58	64	56	60	55	82	62	75	59	68	57	62	55
20	81	80	63	74	63	67	61	64	60	82	65	77	65	71	63	65	60
21	82	80	63	75	63	68	62	65	61	85	64	79	64	73	64	67	62
22	83	73	54	70	55	65	58	63	58	73	54	70	56	70	57	69	59
23	84	74	52	70	54	64	57	63	58	76	53	71	56	69	58	68	57
24	85	78	55	72	57	65	58	62	58	81	55	74	57	68	58	63	58
25	86	72	47	68	50	64	55	62	56	73	47	69	50	66	53	62	56
26	87	72	51	68	53	63	55	61	56	76	51	70	53	66	54	61	55
27	88	68	52	65	54	61	56	60	56	71	53	67	54	64	55	60	56
28	89	76	54	71	55	65	56	62	57	80	54	73	55	68	56	63	57
29	90	71	52	67	53	63	56	61	57	74	52	69	54	65	56	62	56
30	91	73	47	69	50	64	54	61	56	75	47	70	50	66	54	62	56
31	92	75	50	71	53	64	55	62	56	77	51	71	53	67	54	62	55
SUMS		2075	1485	1951	1513	1805	1563	1805	1582	2160	1498	2045	1531	1964	1561	1895	1572
AVERAGES		66.9	47.9	62.9	48.8	58.2	50.4	58.2	51.0	69.7	48.3	66.0	49.4	63.4	50.4	61.1	50.7

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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	62	15	10		0
2	63	16	9		0
3	64	14	11		0
4	65	15	10		0
5	66	17	8		0
6	67	17	8		0
7	68	23	2		0
8	69	16	9		0
9	70	12	13		0
10	71	10	15		0
11	72	0	25		0
12	73	25	0		0
13	74	25	0		0
14	75	23	2		0
15	76	17	8		0
16	77	12	13		0
17	78	15	10		0
18	79	5	20		0
19	80	0	37		12
20	81	0	40		15
21	82	0	35		10
22	83	2	23		0
23	84	5	20		0
24	85	5	20		0
25	86	15	10		0
26	87	13	12		0
27	88	10	15		0
28	89	7	18		0
29	90	11	14		0
30	91	17	8		0
31	92	12	13		0
SUMS FOR MONTH		374	438		37
7621	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
598	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
37	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	