

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 1993

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	69	44	56	100	54	77	104	190	168	T	0	0	0
2	63	64	39	51	100	48	74	101	563	147	0	0	0	0
3	64	71	47	59	100	42	71	145	599	162	0	0	0	0
4	65	76	54	65	100	48	74	160	512	242	0	0	0	0
5	66	68	56	62	100	70	85	84	279	246	8	0	0	0
6	67	73	50	61	100	64	82	100	309	192	90	0	0	0
7	68	72	42	57	100	52	76	112	482	198	0	0	0	0
8	69	56	38	47	100	60	80	64	620	169	0	0	0	0
9	70	74	45	59	100	40	70	155	600	159	0	0	0	0
10	71	77	50	63	100	32	66	202	644	91	0	0	0	0
11	72	85	52	68	100	30	65	240	625	111	0	0	0	0
12	73	83	56	69	92	38	65	256	*	*	0	0	0	0
13	74	80	39	59	100	34	67	170	378	106	0	0	0	0
14	75	56	38	47	100	58	79	68	637	135	0	0	0	0
15	76	65	46	55	100	48	74	116	569	179	1	0	0	0
16	77	75	45	60	100	46	73	140	362	222	2	0	0	0
17	78	61	36	48	100	54	77	76	350	215	0	0	0	0
18	79	63	36	49	100	40	70	108	*	*	0	0	56	161
19	80	55	44	49	100	64	82	65	203	188	2	0	39	88
20	81	60	41	50	100	80	90	36	174	157	16	0	65	60
21	82	59	41	50	100	46	73	98	422	265	T	0	84	150
22	83	63	43	53	100	46	73	109	495	207	1	0	94	201
23	84	62	38	50	100	42	71	104	541	214	0	0	92	209
24	85	74	54	64	100	46	73	161	456	261	5	0	81	181
25	86	71	57	64	100	64	82	107	142	130	9	0	124	109
26	87	63	45	54	100	72	86	58	204	159	1	0	116	129
27	88	68	44	56	100	42	71	130	658	150	3	0	124	253
28	89	63	46	54	100	50	75	104	646	126	9	0	103	232
29	90	78	48	63	100	54	77	132	335	247	2	0	135	197
30	91	78	43	60	100	44	72	145	595	206	0	0	156	156
31	92	65	51	58	100	40	70	145	663	121	5	0	80	368
SUMS		2127	1408	1760	3092	1548	2320	3795	13253	5173	154	0	1349	2494
AVERAGE		68.6	45.4	56.8	99.7	49.9	74.8	0.122	457.0	178.4	0.05	0.0	43.5	0.080

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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	59	48	56	49	54	49	53	49	65	45	60	45	56	48	53	49
2	63	65	46	61	49	56	49	53	49	72	42	66	46	60	48	55	49
3	64	67	49	62	49	57	49	55	50	76	50	68	48	62	48	56	49
4	65	66	54	62	54	58	53	56	53	77	53	70	54	64	54	58	53
5	66	62	55	60	54	57	54	56	54	68	57	64	56	60	55	57	55
6	67	68	57	64	56	59	55	60	54	75	56	69	57	63	56	58	55
7	68	70	52	66	54	61	54	59	55	76	49	69	52	64	53	60	54
8	69	68	47	64	49	60	53	58	53	74	45	68	47	63	51	59	52
9	70	71	51	66	51	60	52	58	53	81	50	72	50	66	51	60	52
10	71	74	54	69	55	63	54	60	55	85	53	77	55	70	54	63	55
11	72	78	57	72	56	66	56	62	57	90	57	81	58	73	57	65	57
12	73	67	55	67	56	67	57	67	57	66	59	66	58	68	59	64	59
13	74	77	52	76	52	72	54	72	53	66	57	67	56	68	58	64	58
14	75	74	49	73	50	69	52	70	52	64	55	65	54	66	56	62	56
15	76	73	52	72	51	68	52	68	52	64	54	64	54	65	55	62	55
16	77	70	53	70	53	66	55	66	55	63	56	63	56	64	57	61	56
17	78	69	47	68	48	65	49	65	49	62	53	62	52	63	54	60	53
18	79	63	49	63	50	62	51	62	51	60	53	60	53	62	54	59	53
19	80	60	50	60	51	59	51	59	51	58	53	58	52	59	53	57	52
20	81	62	47	61	47	59	48	59	49	58	51	58	51	58	52	57	52
21	82	63	47	63	47	60	49	61	48	57	50	58	50	57	51	56	52
22	83	68	48	68	49	63	50	64	49	59	51	60	51	57	51	58	52
23	84	68	48	68	48	63	49	64	50	60	52	60	51	58	52	58	52
24	85	71	50	70	50	65	51	66	50	61	52	62	51	58	52	58	52
25	86	62	55	62	55	60	56	61	55	59	56	59	56	58	55	57	55
26	87	60	49	60	50	59	52	60	51	58	53	59	53	58	53	58	54
27	88	73	50	73	51	67	52	69	52	62	53	64	53	60	53	60	53
28	89	74	52	74	52	68	52	70	53	63	54	64	54	61	55	60	54
29	90	69	54	69	54	64	54	65	54	62	55	62	55	60	56	60	56
30	91	70	49	70	50	65	52	67	52	62	54	63	53	60	55	60	55
31	92	77	52	76	52	70	53	72	52	65	54	66	53	62	56	61	54
SUMS		2118	1578	2065	1592	1942	1617	1937	1617	2068	1632	2004	1634	1923	1662	1836	1663
AVERAGES		68.3	50.9	66.6	51.4	62.6	52.2	62.5	52.2	66.7	52.6	64.6	52.7	62.0	53.6	59.2	53.6

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MAY

1993

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	62	9	16		0
2	63	14	11		0
3	64	6	19		0
4	65	0	25		0
5	66	3	22		0
6	67	4	21		0
7	68	8	17		0
8	69	18	7		0
9	70	6	19		0
10	71	2	23		0
11	72	0	28		3
12	73	0	29		4
13	74	6	19		0
14	75	18	7		0
15	76	10	15		0
16	77	5	20		0
17	78	17	8		0
18	79	16	9		0
19	80	16	9		0
20	81	15	10		0
21	82	15	10		0
22	83	12	13		0
23	84	15	10		0
24	85	1	24		0
25	86	1	24		0
26	87	11	14		0
27	88	9	16		0
28	89	11	14		0
29	90	2	23		0
30	91	5	20		0
31	92	7	18		0
SUMS FOR MONTH		262	520		7
7354	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
717	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
7	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		