

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 1995

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	51	37	44	100	64	82	52	299	228	0	0	0	0
2	63	58	37	47	100	42	71	97	540	165	0	0	0	0
3	64	62	43	52	90	42	66	132	446	250	0	0	0	0
4	65	64	40	52	90	40	65	136	419	187	0	0	0	0
5	66	65	47	56	100	40	70	134	480	245	0	0	39	44
6	67	65	46	55	100	49	74	116	538	222	0	0	149	85
7	68	58	39	48	80	40	60	134	630	103	0	0	153	382
8	69	55	33	44	82	38	60	115	634	114	0	0	111	341
9	70	54	35	44	100	48	74	75	566	102	0	0	81	188
10	71	64	47	55	100	42	71	130	259	231	21	0	101	103
11	72	66	47	56	100	78	89	50	440	236	18	0	208	195
12	73	66	52	59	100	82	91	45	171	154	T	0	84	44
13	74	64	46	55	100	72	86	60	428	251	0	0	70	127
14	75	69	49	59	100	67	83	80	*	220	0	0	78	*
15	76	62	53	57	100	98	99	5	*	154	10	0	204	*
16	77	67	48	57	94	38	66	164	585	152	0	0	120	273
17	78	72	51	61	94	46	70	166	*	141	0	0	70	259
18	79	71	46	58	100	68	84	77	*	144	0	0	98	110
19	80	59	46	52	100	52	76	93	266	232	0	0	48	107
20	81	67	44	55	100	79	89	45	*	146	T	0	89	206
21	82	71	50	60	100	29	64	181	*	107	6	0	68	273
22	83	75	45	60	94	24	59	216	0	117	T	0	114	417
23	84	66	42	54	98	40	69	129	0	152	0	0	88	257
24	85	79	53	66	100	45	72	179	0	223	0	0	92	301
25	86	73	50	61	100	77	88	67	0	72	23	0	66	60
26	87	65	52	58	100	74	87	62	324	241	3	0	51	119
27	88	70	48	59	98	43	70	150	597	126	0	0	88	196
28	89	70	51	60	95	41	68	165	565	100	0	0	64	242
29	90	64	52	58	100	68	84	77	170	133	47	0	230	167
30	91	75	53	64	100	72	86	83	358	176	3	0	172	362
31	92	73	53	63	100	53	76	138	553	152	0	0	101	124
SUMS		2040	1435	1729	3015	1691	2349	3353	9268	5276	131	0	2837	4982
AVERAGE		65.8	46.3	55.8	97.3	54.5	75.8	0.108	299.0	170.2	0.04	0.0	91.5	0.161

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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	55	42	53	44	51	46	51	46	59	43	59	45	58	46	57	47
2	63	61	45	58	44	54	46	52	46	65	46	62	45	61	46	58	46
3	64	62	47	58	46	55	48	53	48	66	48	65	48	62	48	59	48
4	65	61	45	58	46	55	49	54	49	66	46	64	47	62	49	60	50
5	66	65	49	60	47	57	49	55	49	69	50	66	49	64	49	61	50
6	67	65	49	61	50	58	51	56	51	68	50	64	51	64	52	62	52
7	68	66	45	62	47	58	50	56	50	71	45	67	47	65	50	63	50
8	69	65	43	61	46	60	49	56	50	68	42	65	45	65	48	61	49
9	70	64	46	60	47	56	48	55	49	70	45	65	46	63	48	61	49
10	71	60	49	57	48	55	49	54	50	64	49	63	49	61	49	58	50
11	72	64	51	61	50	57	50	56	50	68	51	65	51	62	51	60	50
12	73	61	52	58	52	56	52	55	52	65	52	65	52	63	52	61	52
13	74	65	50	62	52	58	52	57	52	68	50	66	52	64	53	61	52
14	75	74	54	68	54	62	53	60	53	78	55	71	54	69	54	65	53
15	76	62	53	59	53	58	54	58	54	64	53	66	54	64	54	63	54
16	77	70	50	65	51	61	53	59	54	72	49	69	52	68	54	65	54
17	78	74	55	68	53	63	53	61	53	78	54	72	54	69	54	66	54
18	79	65	52	63	53	60	55	59	55	69	52	66	53	65	55	63	55
19	80	65	52	62	52	60	54	58	54	69	51	66	53	65	54	63	54
20	81	71	51	66	53	62	54	60	53	75	50	70	53	68	54	65	54
21	82	75	55	69	54	64	54	62	55	80	55	73	54	70	54	67	55
22	83	75	53	70	54	65	57	63	57	80	52	74	54	72	57	68	58
23	84	72	52	68	53	64	56	62	57	77	50	71	53	71	56	67	57
24	85	74	57	69	56	64	56	62	57	79	58	73	56	68	56	66	57
25	86	65	53	64	54	63	56	62	56	67	53	70	54	68	56	66	56
26	87	69	55	65	55	62	56	61	56	71	55	68	56	67	56	65	56
27	88	77	54	72	56	66	56	64	56	80	53	74	55	72	57	68	57
28	89	79	57	74	57	67	57	65	58	83	57	77	58	72	58	69	58
29	90	64	54	63	55	62	56	62	56	69	54	68	55	68	56	66	56
30	91	71	56	67	57	64	57	62	56	73	56	70	57	69	58	66	57
31	92	74	55	70	57	65	58	63	58	78	56	73	57	70	58	68	58
SUMS		2090	1581	1971	1596	1862	1634	1813	1640	2209	1580	2107	1609	2049	1642	1968	1648
AVERAGES		67.4	51.0	63.6	51.5	60.1	52.7	58.5	52.9	71.3	51.0	68.0	51.9	66.1	53.0	63.5	53.2

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MAY

1995

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	62	21	4		0
2	63	18	7		0
3	64	13	12		0
4	65	13	12		0
5	66	9	16		0
6	67	10	15		0
7	68	17	8		0
8	69	21	4		0
9	70	21	4		0
10	71	10	15		0
11	72	9	16		0
12	73	6	19		0
13	74	10	15		0
14	75	6	19		0
15	76	8	17		0
16	77	8	17		0
17	78	4	21		0
18	79	7	18		0
19	80	13	12		0
20	81	10	15		0
21	82	5	20		0
22	83	5	20		0
23	84	11	14		0
24	85	0	26		1
25	86	4	21		0
26	87	7	18		0
27	88	6	19		0
28	89	5	20		0
29	90	7	18		0
30	91	1	24		0
31	92	2	23		0
SUMS FOR MONTH		287	489		1
6625	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
738	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
1	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		