

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

1994

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	56	40	48	100	68	84	53	431	168	57	0	0	0
2	63	57	37	47	100	72	86	45	370	161	10	0	0	0
3	64	52	35	43	90	52	71	83	430	164	T	0	76	101
4	65	58	40	49	100	34	67	114	587	172	0	0	35	147
5	66	65	45	55	100	40	70	130	*	176	0	0	42	182
6	67	65	44	54	100	44	72	117	*	207	4	0	70	191
7	68	48	40	44	100	88	94	11	175	147	1	0	136	57
8	69	59	47	53	100	76	88	48	*	225	52	0	78	91
9	70	59	45	52	100	61	80	75	220	169	1	0	94	59
10	71	67	41	54	100	72	86	58	*	185	10	0	99	123
11	72	59	37	48	100	44	72	94	481	160	T	0	86	172
12	73	66	44	55	100	40	70	130	*	197	T	0	125	154
13	74	53	35	44	100	46	73	78	236	116	0	0	148	93
14	75	55	40	47	90	58	74	87	707	71	0	0	146	243
15	76	67	44	55	94	38	66	152	634	82	0	0	44	140
16	77	64	44	54	100	77	88	50	114	102	14	0	68	80
17	78	58	42	50	100	70	85	54	160	144	9	0	120	120
18	79	54	40	47	100	90	95	16	137	121	10	0	123	35
19	80	47	40	43	100	90	95	14	206	183	7	0	101	37
20	81	58	40	49	100	60	80	69	404	236	T	0	106	127
21	82	68	43	55	100	42	71	130	720	81	0	0	69	242
22	83	73	49	61	100	50	75	134	525	268	0	0	59	168
23	84	83	58	70	86	46	66	249	657	124	0	0	52	264
24	85	75	50	62	100	58	79	116	634	165	0	0	119	275
25	86	72	53	62	100	45	72	155	416	204	31	0	28	157
26	87	71	52	61	100	62	81	106	416	310	T	0	45	127
27	88	71	37	54	100	72	86	58	234	141	32	0	145	87
28	89	57	40	48	94	38	66	114	701	84	0	0	93	168
29	90	62	44	53	100	40	70	121	255	187	T	0	62	90
30	91	79	51	65	100	38	69	191	591	163	0	0	66	269
31	92	83	51	67	100	40	70	198	615	189	0	0	68	274
SUMS		1961	1348	1649	3054	1751	2401	3050	11056	5102	238	0	2503	4273
AVERAGE		63.3	43.5	53.2	98.5	56.5	77.5	0.098	425.2	164.6	0.08	0.0	80.7	0.138

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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	62	64	50	60	50	57	50	58	51	74	47	67	48	61	49	56	50
2	63	59	45	57	46	55	47	54	48	64	38	60	41	56	44	54	46
3	64	58	43	55	45	53	46	54	47	63	36	56	39	54	43	52	45
4	65	60	46	57	46	55	46	57	47	71	41	64	44	59	44	54	45
5	66	62	49	58	49	56	48	59	49	76	49	68	48	63	47	58	48
6	67	67	51	62	52	58	52	60	51	79	48	71	50	64	52	58	51
7	68	54	47	55	48	55	48	58	49	52	41	54	44	54	46	55	47
8	69	59	49	57	48	55	48	58	49	70	49	63	47	60	47	56	48
9	70	57	48	56	48	54	49	57	50	60	42	58	45	57	47	55	48
10	71	57	48	56	48	54	49	58	50	67	42	60	44	58	47	56	48
11	72	59	47	56	48	55	49	60	49	68	40	64	43	60	46	58	48
12	73	55	48	54	48	53	49	57	49	56	48	56	47	55	47	55	48
13	74	53	44	53	44	53	47	57	48	55	43	55	44	54	46	55	48
14	75	57	45	54	45	52	47	57	48	56	44	56	44	56	46	54	47
15	76	62	47	59	46	56	48	58	48	66	48	63	47	58	47	56	48
16	77	57	50	56	50	55	51	58	50	58	51	58	51	58	51	56	51
17	78	57	49	56	49	55	50	58	50	58	48	57	48	57	49	56	50
18	79	54	47	53	48	53	49	52	49	54	46	54	46	54	47	55	49
19	80	53	48	52	48	51	48	51	48	53	46	54	46	54	47	53	48
20	81	55	46	54	47	53	48	52	48	57	45	57	46	57	48	55	48
21	82	62	49	59	49	56	48	55	49	67	48	64	48	60	48	57	49
22	83	63	53	60	52	58	52	56	51	68	54	64	52	62	52	59	52
23	84	70	55	66	55	61	55	59	54	77	57	72	56	67	56	61	54
24	85	70	56	67	57	63	58	61	57	75	57	71	58	67	58	64	58
25	86	69	58	66	58	63	58	61	57	73	59	70	59	66	58	63	58
26	87	69	58	66	58	63	58	61	58	71	57	68	58	66	59	64	58
27	88	64	49	62	51	60	53	59	54	64	47	62	48	61	51	59	53
28	89	65	50	62	51	59	53	58	54	64	47	61	49	61	51	60	53
29	90	59	50	58	51	57	52	56	53	59	49	59	50	59	51	58	52
30	91	71	52	66	52	61	52	60	53	73	52	69	51	64	51	62	52
31	92	74	59	70	58	64	58	62	57	77	59	73	58	68	58	64	58
SUMS		1895	1536	1822	1545	1753	1566	1781	1575	2025	1478	1928	1499	1850	1533	1778	1558
AVERAGES		61.1	49.5	58.8	49.8	56.5	50.5	57.5	50.8	65.3	47.7	62.2	48.4	59.7	49.5	57.4	50.3

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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	17	8		0
2	63	18	7		0
3	64	22	3		0
4	65	16	9		0
5	66	10	15		0
6	67	11	14		0
7	68	21	4		0
8	69	12	13		0
9	70	13	12		0
10	71	11	14		0
11	72	17	8		0
12	73	10	15		0
13	74	21	4		0
14	75	18	7		0
15	76	10	15		0
16	77	11	14		0
17	78	15	10		0
18	79	18	7		0
19	80	22	3		0
20	81	16	9		0
21	82	10	15		0
22	83	4	21		0
23	84	0	30		5
24	85	3	22		0
25	86	3	22		0
26	87	4	21		0
27	88	11	14		0
28	89	17	8		0
29	90	12	13		0
30	91	0	25		0
31	92	0	27		2
SUMS FOR MONTH		373	409		7
7749	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
676	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
12	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		