

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 APRIL 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	32	51	33	42	74	40	57	114	515	102	0	0	0	0
2	33	54	28	41	100	44	72	72	399	213	0	0	0	0
3	34	66	37	51	100	38	69	120	409	194	T	0	0	0
4	35	41	25	33	100	96	98	4	103	62	0	10	0	0
5	36	49	29	39	100	50	75	60	522	82	0	0	0	0
6	37	58	34	46	100	50	75	78	216	170	3	0	0	0
7	38	35	28	31	100	98	99	2	47	43	76	10	0	0
8	39	38	28	33	100	66	83	32	459	168	T	0	0	0
9	40	47	30	38	100	38	69	70	556	67	0	0	0	0
10	41	58	43	50	100	40	70	108	172	147	6	0	0	0
11	42	53	34	43	100	90	95	14	217	145	0	0	0	0
12	43	50	36	43	100	40	70	83	462	210	T	0	0	0
13	44	48	39	43	100	88	94	17	100	94	55	0	0	0
14	45	60	44	52	100	84	92	31	166	127	29	0	0	0
15	46	63	41	52	100	52	76	93	416	196	0	0	0	0
16	47	83	44	63	100	50	75	149	347	125	34	0	0	0
17	48	58	37	47	100	46	73	90	322	164	2	0	0	0
18	49	49	36	42	100	52	76	64	385	204	0	0	0	0
19	50	65	36	50	100	28	64	130	555	125	1	0	0	0
20	51	65	36	50	100	38	69	112	345	170	T	0	0	0
21	52	49	30	39	88	38	63	92	537	147	0	0	0	0
22	53	47	31	39	86	42	64	85	483	180	0	0	0	0
23	54	50	33	41	60	40	50	133	650	77	0	0	0	0
24	55	60	41	50	54	30	42	209	564	154	0	0	0	0
25	56	74	55	64	100	38	69	184	*	255	36	0	0	0
26	57	67	53	60	100	84	92	41	*	194	14	0	0	0
27	58	82	58	70	100	48	74	190	*	229	2	0	0	0
28	59	80	34	57	100	40	70	139	*	199	0	0	0	0
29	60	46	34	40	100	66	83	42	384	247	2	0	0	0
30	61	76	40	58	100	48	74	125	*	204	6	0	0	0
SUMS		1722	1107	1407	2862	1602	2232	2683	9331	4694	266	20	0	0
AVERAGE		57.4	36.9	46.9	95.4	53.4	74.4	0.089	397.2	156.5	0.09	0.1	0.0	0.000

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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	32	46	32	44	32	41	33	41	34	56	32	48	32	46	33	43	33
2	33	47	33	44	34	42	35	41	35	56	32	53	33	50	34	46	35
3	34	49	35	46	35	44	36	42	36	58	35	52	34	48	35	44	35
4	35	43	33	43	34	42	36	42	36	44	31	44	33	44	34	42	35
5	36	52	34	47	34	44	36	43	36	60	32	53	33	48	34	44	35
6	37	47	36	46	36	44	38	43	37	55	36	50	35	47	36	44	37
7	38	42	34	42	34	42	36	42	37	41	32	42	34	43	36	42	37
8	39	43	32	42	33	40	35	44	36	45	32	45	33	44	34	44	35
9	40	50	32	46	33	43	35	44	36	58	32	54	33	50	34	46	35
10	41	46	37	45	36	44	37	45	37	54	37	50	36	48	36	46	37
11	42	50	36	48	37	46	39	48	40	56	33	54	35	51	37	47	39
12	43	55	38	51	38	47	39	48	39	63	39	57	37	52	38	47	39
13	44	45	41	45	41	44	41	46	40	48	41	49	41	47	41	45	41
14	45	52	43	50	42	47	42	47	41	60	43	56	43	51	42	47	41
15	46	56	43	53	43	50	43	50	43	63	41	58	42	54	43	50	42
16	47	61	45	57	44	53	44	53	44	71	46	64	46	58	43	53	44
17	48	56	42	54	43	52	44	51	45	59	37	58	40	54	42	51	43
18	49	52	38	50	40	48	42	49	43	55	33	52	36	50	39	53	42
19	50	56	41	53	40	50	42	51	42	63	41	58	39	53	40	49	41
20	51	58	42	55	43	52	45	53	46	65	36	60	40	56	43	51	45
21	52	56	40	53	41	50	43	52	44	61	34	57	37	53	41	50	43
22	53	54	38	51	40	49	42	50	43	60	33	55	36	52	39	49	41
23	54	58	38	53	40	50	41	49	42	65	33	59	36	53	39	49	41
24	55	56	41	54	41	51	42	51	43	68	42	61	40	56	41	51	42
25	56	58	46	56	46	53	46	53	46	74	52	66	49	60	47	54	46
26	57	61	52	58	51	56	50	54	49	71	52	65	52	60	52	56	50
27	58	70	55	64	53	59	52	59	51	81	57	73	55	66	53	59	52
28	59	68	49	64	50	61	52	60	52	78	44	71	47	66	50	60	51
29	60	60	47	58	48	55	49	56	50	66	43	61	45	58	47	55	48
30	61	61	48	58	49	57	50	55	49	68	46	65	46	59	47	56	49
SUMS		1608	1201	1530	1211	1456	1245	1462	1252	1822	1157	1690	1178	1577	1210	1473	1234
AVERAGES		53.6	40.0	51.0	40.4	48.5	41.5	48.7	41.7	60.7	38.6	56.3	39.3	52.6	40.3	49.1	41.1

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APRIL

1994

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	32	23	2		0
2	33	24	1		0
3	34	14	11		0
4	35	32	0		0
5	36	26	0		0
6	37	19	6		0
7	38	34	0		0
8	39	32	0		0
9	40	27	0		0
10	41	15	10		0
11	42	22	3		0
12	43	22	3		0
13	44	22	3		0
14	45	13	12		0
15	46	13	12		0
16	47	2	23		0
17	48	18	7		0
18	49	23	2		0
19	50	15	10		0
20	51	15	10		0
21	52	26	0		0
22	53	26	0		0
23	54	24	1		0
24	55	15	10		0
25	56	1	24		0
26	57	5	20		0
27	58	0	30		5
28	59	8	17		0
29	60	25	0		0
30	61	7	18		0
SUMS FOR MONTH		548	235		5
7376	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
267	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
5	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	