

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 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	32	62	24	43	90	50	70	83	455	90	0	0	0	0
2	33	40	27	33	100	59	79	39	102	74	8	T	0	0
3	34	42	29	35	100	46	73	57	424	133	T	0	0	0
4	35	40	26	33	100	87	93	11	147	137	25	30	0	0
5	36	32	26	29	100	78	89	18	80	56	0	15	0	0
6	37	40	25	32	100	65	82	32	470	169	0	0	0	0
7	38	42	26	34	100	65	82	35	477	133	8	10	0	0
8	39	41	25	33	100	90	95	9	193	171	3	T	0	0
9	40	40	23	31	100	55	77	40	378	218	0	0	0	0
10	41	42	25	33	100	59	79	39	374	200	0	0	0	0
11	42	43	29	36	98	68	83	36	366	207	0	0	0	0
12	43	62	35	48	98	53	75	80	249	158	T	0	0	0
13	44	53	35	44	100	98	99	3	69	63	75	0	0	0
14	45	50	35	42	100	98	99	2	61	55	59	0	0	0
15	46	39	29	34	100	88	94	41	202	151	0	0	0	0
16	47	58	32	45	100	66	83	51	394	149	T	0	0	0
17	48	44	33	38	100	91	95	9	107	100	11	0	0	0
18	49	47	33	40	100	57	78	54	227	158	T	0	0	0
19	50	61	40	50	73	42	57	151	553	82	0	0	0	0
20	51	74	51	62	100	47	73	144	231	146	14	0	0	0
21	52	70	53	61	100	73	86	78	209	174	5	0	0	0
22	53	64	39	51	100	71	85	54	366	215	0	0	0	0
23	54	67	41	54	100	67	83	67	270	171	25	0	0	0
24	55	49	32	40	100	96	98	5	76	66	36	0	0	0
25	56	48	33	40	100	59	79	49	412	179	18	0	0	0
26	57	68	38	53	100	53	76	96	176	150	T	0	0	0
27	58	59	32	45	100	80	90	31	181	156	3	0	0	0
28	59	46	29	37	100	58	79	48	430	197	0	0	0	0
29	60	56	36	46	92	40	66	105	522	141	T	0	0	0
30	61	54	42	48	100	98	99	4	76	69	40	0	0	0
SUMS		1533	983	1250	2951	2057	2496	1471	8277	4168	330	55	0	0
AVERAGE		51.1	32.8	41.7	98.4	68.6	83.2	0.049	275.9	138.9	0.11	0.2	0.0	0.000

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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	32	55	34	50	35	46	37	44	37	58	34	56	36	54	37	52	37
2	33	42	33	41	34	44	36	43	37	48	34	49	35	50	36	49	37
3	34	47	33	45	34	42	36	41	36	54	33	53	34	51	36	50	37
4	35	45	34	43	34	41	36	41	36	50	33	48	34	47	36	45	36
5	36	40	32	39	33	39	35	40	35	46	32	44	33	44	35	45	35
6	37	47	32	44	33	41	35	42	36	53	33	51	34	50	35	49	35
7	38	52	33	47	34	43	36	42	36	57	33	53	34	49	36	49	36
8	39	41	33	41	34	40	36	42	36	48	33	47	34	46	36	45	36
9	40	46	32	44	33	41	35	41	36	52	33	51	34	49	36	48	36
10	41	47	32	44	34	42	36	41	36	52	33	51	34	48	36	49	36
11	42	43	33	42	34	41	36	41	36	51	34	50	35	50	36	49	36
12	43	47	33	45	35	43	36	42	37	53	36	53	36	51	37	48	37
13	44	46	38	45	38	43	39	46	39	50	38	50	39	50	40	48	39
14	45	47	38	46	38	44	39	47	39	52	39	51	39	50	39	50	39
15	46	47	33	46	34	44	37	48	38	51	34	50	35	50	36	50	38
16	47	52	34	49	35	45	37	47	38	56	35	53	35	52	36	49	37
17	48	46	35	45	36	44	38	46	39	50	36	49	37	50	38	49	39
18	49	45	33	43	34	42	37	45	38	51	34	49	35	49	37	50	38
19	50	60	35	54	35	48	37	49	38	60	36	59	36	56	37	54	38
20	51	58	45	54	44	50	43	51	43	60	46	60	45	58	44	57	43
21	52	59	47	57	47	52	46	53	45	64	48	60	48	58	47	55	46
22	53	62	42	58	43	53	46	53	47	65	43	61	44	57	46	57	46
23	54	61	46	58	44	54	46	54	46	64	46	61	45	60	46	58	46
24	55	53	38	53	40	52	44	53	45	55	38	55	40	56	43	55	45
25	56	55	39	52	40	50	43	51	44	58	40	54	41	54	42	52	43
26	57	54	42	52	42	50	43	52	44	58	42	56	42	55	42	53	43
27	58	57	38	54	40	51	44	52	45	59	38	59	41	57	44	55	45
28	59	54	36	51	38	49	42	51	43	58	36	55	38	54	41	53	43
29	60	60	41	56	40	50	42	49	43	62	41	59	40	55	42	53	43
30	61	51	43	49	44	48	44	48	45	53	44	52	44	52	45	52	44
SUMS		1519	1097	1447	1119	1372	1177	1395	1193	1648	1115	1599	1137	1562	1177	1528	1189
AVERAGES		50.6	36.6	48.2	37.3	45.7	39.2	46.5	39.8	54.9	37.2	53.3	37.9	52.1	39.2	50.9	39.6

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APRIL

1996

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	32	22	3		0
2	33	32	0		0
3	34	30	0		0
4	35	32	0		0
5	36	36	0		0
6	37	33	0		0
7	38	31	0		0
8	39	32	0		0
9	40	34	0		0
10	41	32	0		0
11	42	29	0		0
12	43	17	8		0
13	44	21	4		0
14	45	23	2		0
15	46	31	0		0
16	47	20	5		0
17	48	27	0		0
18	49	25	0		0
19	50	15	10		0
20	51	3	22		0
21	52	4	21		0
22	53	14	11		0
23	54	11	14		0
24	55	25	0		0
25	56	25	0		0
26	57	12	13		0
27	58	20	5		0
28	59	28	0		0
29	60	19	6		0
30	61	17	8		0
SUMS FOR MONTH		700	132		0
7247	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
160	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
0	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	