

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 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	32	49	33	41	100	58	79	54	385	195	24	0	0	0
2	33	45	35	40	100	98	99	2	119	113	74	0	0	0
3	34	38	30	34	100	94	97	6	109	105	26	0	0	0
4	35	38	30	34	100	62	81	37	235	208	T	0	0	0
5	36	38	26	32	100	86	93	12	180	151	0	0	0	0
6	37	51	29	40	100	30	65	86	517	140	0	0	0	0
7	38	55	31	43	100	34	67	92	456	220	0	0	0	0
8	39	58	34	46	96	32	64	112	518	92	0	0	0	0
9	40	65	40	52	70	33	51	186	381	203	0	0	0	0
10	41	62	46	54	100	44	72	117	284	216	T	0	0	0
11	42	62	37	49	100	88	94	22	68	65	68	0	0	0
12	43	46	31	38	100	60	80	46	286	186	T	0	0	0
13	44	36	32	34	100	80	90	19	111	106	T	0	0	0
14	45	48	29	38	100	56	78	50	336	267	0	0	0	0
15	46	56	32	44	100	30	65	100	468	134	T	0	0	0
16	47	71	47	59	100	60	80	100	362	206	15	0	0	0
17	48	59	40	49	100	78	89	40	114	104	79	0	0	0
18	49	48	34	41	100	78	89	28	153	129	16	0	0	0
19	50	57	37	47	80	30	55	145	548	128	T	0	0	0
20	51	66	40	53	100	44	72	113	262	162	T	0	0	0
21	52	74	47	60	100	42	71	150	200	133	18	0	0	0
22	53	51	32	41	100	98	99	2	60	57	25	0	0	0
23	54	34	32	33	100	98	99	2	99	92	83	60	0	0
24	55	58	33	45	100	34	67	102	525	158	5	0	0	0
25	56	59	44	51	100	34	67	128	360	200	3	0	0	0
26	57	71	42	56	100	48	74	116	131	120	92	0	0	0
27	58	41	29	35	100	54	77	47	144	103	T	0	0	0
28	59	50	30	40	100	38	69	76	624	114	0	0	0	0
29	60	69	38	53	82	32	57	179	429	242	0	0	0	0
30	61	74	49	61	90	42	66	189	394	271	0	0	0	0
SUMS		1629	1069	1343	2918	1695	2306	2358	8858	4620	528	60	0	0
AVERAGE		54.3	35.6	44.8	97.3	56.5	76.9	0.079	295.3	154.0	0.18	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	33	32	34	32	34	32	35	33	33	31	34	32	34	32	34	32
2	33	34	31	34	32	34	32	35	33	33	31	34	32	34	32	34	32
3	34	34	32	34	32	34	32	35	33	34	31	34	32	34	32	35	32
4	35	33	32	34	32	34	32	34	33	33	31	34	32	34	32	35	32
5	36	34	31	34	32	34	32	35	33	34	31	34	32	34	32	34	32
6	37	36	32	36	32	36	33	36	33	55	32	48	32	43	33	39	34
7	38	49	33	45	34	42	34	41	35	60	33	53	34	47	35	42	36
8	39	52	36	48	35	44	36	42	38	63	37	56	34	50	36	44	37
9	40	52	39	48	39	45	40	45	39	63	40	55	39	50	40	46	40
10	41	51	44	48	44	46	42	45	42	56	44	52	45	49	43	46	42
11	42	50	41	47	41	46	41	46	42	51	39	50	40	48	41	46	41
12	43	49	38	47	39	44	40	44	41	56	36	51	37	47	39	45	40
13	44	40	36	41	37	41	38	42	40	40	35	40	36	41	37	42	38
14	45	48	36	46	37	44	38	43	39	54	33	49	35	46	37	44	38
15	46	54	37	51	38	46	39	45	40	62	35	56	36	51	38	46	39
16	47	57	46	53	44	50	43	48	44	64	48	59	46	53	44	50	43
17	48	55	44	53	46	51	47	50	47	57	43	55	44	53	46	51	47
18	49	49	39	48	40	47	42	48	43	50	37	49	38	48	40	48	42
19	50	55	40	52	41	48	42	47	43	61	40	56	39	51	40	47	42
20	51	55	45	52	45	49	45	49	45	60	44	55	45	51	45	49	45
21	52	56	47	53	47	51	45	50	45	63	47	57	47	53	46	50	45
22	53	49	38	50	40	49	42	50	44	49	35	50	36	50	39	49	43
23	54	39	35	42	37	43	38	45	40	37	32	38	34	41	36	43	38
24	55	49	36	46	37	44	38	45	40	54	34	49	35	46	37	44	39
25	56	52	40	49	40	46	41	45	42	58	42	53	39	48	39	45	39
26	57	53	45	51	45	48	44	48	44	58	43	54	44	51	45	48	44
27	58	45	36	47	38	46	40	47	42	44	33	46	36	47	38	46	40
28	59	56	36	52	38	48	40	47	41	62	34	56	36	51	38	47	40
29	60	55	41	52	41	48	42	47	43	63	42	56	40	52	40	48	42
30	61	62	48	58	47	54	47	52	47	69	50	63	48	58	47	53	47
SUMS		1436	1146	1385	1162	1326	1177	1321	1204	1576	1123	1476	1135	1395	1159	1330	1181
AVERAGES		47.9	38.2	46.2	38.7	44.2	39.2	44.0	40.1	52.5	37.4	49.2	37.8	46.5	38.6	44.3	39.4

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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	32	24	1		0
2	33	25	0		0
3	34	31	0		0
4	35	31	0		0
5	36	33	0		0
6	37	25	0		0
7	38	22	3		0
8	39	19	6		0
9	40	13	12		0
10	41	11	14		0
11	42	16	9		0
12	43	27	0		0
13	44	31	0		0
14	45	27	0		0
15	46	21	4		0
16	47	6	19		0
17	48	16	9		0
18	49	24	1		0
19	50	18	7		0
20	51	12	13		0
21	52	5	20		0
22	53	24	1		0
23	54	32	0		0
24	55	20	5		0
25	56	14	11		0
26	57	9	16		0
27	58	30	0		0
28	59	25	0		0
29	60	12	13		0
30	61	4	21		0
SUMS FOR MONTH		607	185		0
7092	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
197	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
0	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	