

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 MARCH 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		PAN THOU IN EVAP
		MAX	MIN	AVG	MAX	MIN	AVG		GM CAL/CM2 TOTAL	DIFF			1.5 FT		
1	1	28	23	25	100	98	99	2	100	98	5	0	0	0	
2	2	33	18	25	100	80	90	14	174	136	T	10	0	0	
3	3	23	8	15	98	60	79	18	320	152	0	0	0	0	
4	4	30	13	21	100	52	76	27	390	51	0	0	0	0	
5	5	40	20	30	100	58	79	36	368	79	0	0	0	0	
6	6	41	28	34	100	81	90	19	180	150	17	0	0	0	
7	7	47	33	40	100	88	94	15	193	126	5	0	0	0	
8	8	59	32	45	100	90	95	16	133	121	8	0	0	0	
9	9	32	12	22	100	98	99	1	67	64	56	80	0	0	
10	10	19	8	13	100	81	90	8	387	226	0	0	0	0	
11	11	27	11	19	91	47	69	30	412	116	0	0	0	0	
12	12	46	27	36	87	52	69	63	309	232	0	0	0	0	
13	13	65	36	50	90	43	66	122	406	76	0	0	0	0	
14	14	68	35	51	97	39	68	124	402	60	0	0	0	0	
15	15	67	41	54	93	42	67	133	397	68	0	0	0	0	
16	16	68	44	56	100	58	79	94	385	78	T	0	0	0	
17	17	64	40	52	100	62	81	74	300	137	11	0	0	0	
18	18	46	27	36	100	84	92	17	190	140	2	0	0	0	
19	19	40	27	33	100	84	92	16	183	163	0	0	0	0	
20	20	52	34	43	100	54	77	64	320	174	1	0	0	0	
21	21	58	43	50	100	61	80	72	306	154	23	0	0	0	
22	22	49	34	41	100	78	89	30	144	130	3	0	0	0	
23	23	40	34	37	100	92	96	9	139	129	4	0	0	0	
24	24	40	29	34	100	70	85	29	127	104	0	0	0	0	
25	25	37	27	32	69	42	55	79	359	171	0	0	0	0	
26	26	46	31	38	90	39	64	82	504	52	0	0	0	0	
27	27	51	28	39	100	36	68	79	501	58	0	0	0	0	
28	28	43	28	35	100	58	79	44	516	58	0	0	0	0	
29	29	48	26	37	100	44	72	61	525	53	0	0	0	0	
30	30	57	33	45	100	30	65	104	456	104	12	0	0	0	
31	31	46	33	39	100	73	86	35	206	189	1	0	0	0	
SUMS		1410	863	1127	3015	1974	2490	1517	9399	3649	148	90	0	0	
AVERAGE		45.5	27.8	36.4	97.3	63.7	80.3	0.049	303.2	117.7	0.05	0.3	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	1	34	30	33	30	35	31	35	31	40	31	41	31	41	32	40	32
2	2	36	30	34	30	35	31	36	32	45	31	43	31	43	32	42	32
3	3	34	30	34	30	35	31	36	32	42	30	43	31	44	32	43	32
4	4	34	29	34	30	35	31	36	32	42	29	42	31	43	32	43	32
5	5	34	29	34	30	35	31	36	31	42	28	44	31	46	32	43	32
6	6	35	29	33	30	34	31	36	31	41	29	40	30	40	31	39	31
7	7	37	29	35	30	35	31	37	32	43	31	44	31	45	32	44	32
8	8	48	32	45	30	43	32	42	32	52	35	52	34	51	33	50	32
9	9	40	32	41	32	42	34	41	35	47	32	47	33	48	34	46	35
10	10	38	31	37	32	37	33	40	33	45	32	45	32	46	33	45	34
11	11	35	31	35	31	36	32	38	33	41	31	43	32	43	32	42	32
12	12	36	31	35	31	36	32	38	33	42	32	42	32	43	33	42	33
13	13	48	31	44	32	40	33	41	33	52	32	50	32	51	33	47	33
14	14	56	35	51	34	45	35	47	36	58	35	56	35	55	35	51	36
15	15	58	38	55	38	48	39	50	39	60	39	59	38	56	40	52	39
16	16	60	42	54	41	50	42	50	42	62	42	60	42	58	42	54	42
17	17	59	42	55	43	50	44	50	43	61	43	60	44	58	44	53	43
18	18	50	34	49	36	47	39	50	40	55	35	54	37	53	39	53	40
19	19	46	33	44	35	43	37	46	38	50	34	50	35	50	37	49	38
20	20	50	34	46	35	44	37	47	38	53	34	52	35	50	36	49	38
21	21	53	40	49	40	46	40	49	40	56	40	55	40	52	40	50	40
22	22	50	37	48	38	46	40	48	40	54	38	54	38	53	40	51	40
23	23	47	36	46	37	44	39	48	40	51	36	51	37	51	39	50	40
24	24	44	33	43	34	44	37	46	38	49	33	48	34	50	36	49	38
25	25	42	32	41	34	41	36	45	37	48	33	49	34	49	36	48	37
26	26	46	32	42	33	41	36	43	37	53	33	53	34	51	36	50	37
27	27	50	32	46	34	43	36	43	37	57	34	55	35	53	36	50	37
28	28	50	34	47	34	44	37	43	38	57	34	56	36	54	38	51	38
29	29	51	33	47	35	45	37	44	38	58	34	56	36	54	38	51	39
30	30	54	34	49	35	46	38	45	39	59	36	57	36	55	38	52	39
31	31	49	36	47	37	45	40	45	39	54	36	55	38	54	40	52	40
SUMS		1404	1031	1333	1051	1290	1102	1331	1119	1569	1052	1556	1075	1540	1111	1481	1123
AVERAGES		45.3	33.3	43.0	33.9	41.6	35.5	42.9	36.1	50.6	33.9	50.2	34.7	49.7	35.8	47.8	36.2

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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	1	40	0		0
2	2	40	0		0
3	3	50	0		0
4	4	44	0		0
5	5	35	0		0
6	6	31	0		0
7	7	25	0		0
8	8	20	5		0
9	9	43	0		0
10	10	52	0		0
11	11	46	0		0
12	12	29	0		0
13	13	15	10		0
14	14	14	11		0
15	15	11	14		0
16	16	9	16		0
17	17	13	12		0
18	18	29	0		0
19	19	32	0		0
20	20	22	3		0
21	21	15	10		0
22	22	24	1		0
23	23	28	0		0
24	24	31	0		0
25	25	33	0		0
26	26	27	0		0
27	27	26	0		0
28	28	30	0		0
29	29	28	0		0
30	30	20	5		0
31	31	26	0		0
SUMS FOR MONTH		888	87		0
5606	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
131	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
479	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		