

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

FEBRUARY 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	338	18	2	10	100	80	90	6	166	114	1	5	0	0
2	339	17	3	10	100	60	80	13	202	107	0	0	0	0
3	340	12	1	6	100	50	75	12	194	112	T	T	0	0
4	341	11	0	5	100	68	84	8	211	100	T	T	0	0
5	342	10	-1	4	100	60	80	9	224	126	0	0	0	0
6	343	17	0	8	92	56	74	15	182	138	0	0	0	0
7	344	22	10	16	87	64	75	20	225	98	0	0	0	0
8	345	35	22	28	100	60	80	30	112	94	0	0	0	0
9	346	43	34	38	100	93	96	9	70	69	5	0	0	0
10	347	39	29	34	100	88	94	12	73	69	T	T	0	0
11	348	46	29	37	100	76	88	27	54	53	9	0	0	0
12	349	36	6	21	100	80	90	11	41	40	5	15	0	0
13	350	10	1	5	100	76	88	5	248	154	3	10	0	0
14	351	18	4	11	100	70	85	10	250	138	2	20	0	0
15	352	22	5	13	100	94	97	2	193	174	T	T	0	0
16	353	28	8	18	100	64	82	17	291	100	0	0	0	0
17	354	21	8	14	100	67	83	12	260	144	0	0	0	0
18	355	25	11	18	100	64	82	17	274	124	T	T	0	0
19	356	15	3	9	87	63	75	15	276	141	0	0	0	0
20	357	40	14	27	100	64	82	26	205	170	T	0	0	0
21	358	47	37	42	100	98	99	2	82	81	31	0	0	0
22	359	46	31	38	100	98	99	2	79	78	T	0	0	0
23	360	32	30	31	100	98	99	2	41	41	T	0	0	0
24	361	49	31	40	100	90	95	12	131	126	14	0	0	0
25	362	49	37	43	87	55	71	122	132	103	0	0	0	0
26	363	48	29	38	86	51	68	73	343	40	0	0	0	0
27	364	43	24	33	100	66	83	33	325	64	0	0	0	0
28	365	47	28	37	100	82	91	20	72	70	20	0	0	0
29	366	39	11	25	100	67	83	21	160	99	T	10	0	0
SUMS		885	447	659	2839	2102	2468	563	5116	2967	90	60	0	0
AVERAGE		30.5	15.4	22.7	97.9	72.5	85.1	0.019	176.4	102.3	0.03	0.2	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	338	31	23	32	26	34	30	35	31	36	23	39	26	41	30	39	31
2	339	31	23	31	26	34	30	35	30	35	23	37	26	39	30	39	31
3	340	30	21	31	24	34	30	35	31	36	20	38	23	40	28	40	31
4	341	29	18	30	22	33	28	34	30	37	16	40	20	42	26	43	31
5	342	28	14	29	18	31	23	34	28	38	12	39	16	41	22	43	27
6	343	27	14	28	18	31	24	33	28	36	12	38	16	40	22	42	27
7	344	30	18	30	21	30	26	32	27	40	17	41	19	41	24	43	27
8	345	33	21	33	22	32	26	33	28	39	20	39	22	39	25	39	27
9	346	33	29	33	28	33	29	34	29	42	29	43	29	42	29	41	29
10	347	37	30	35	30	33	30	34	30	44	31	44	30	44	30	42	30
11	348	36	30	36	29	34	30	35	29	43	30	45	30	45	30	42	30
12	349	40	30	40	30	38	30	37	30	47	31	48	30	48	31	45	30
13	350	37	30	37	30	36	30	36	30	45	31	45	31	46	31	46	30
14	351	38	30	38	29	37	30	36	30	47	30	47	30	46	30	47	29
15	352	39	30	39	30	39	30	38	30	45	30	46	30	46	31	45	30
16	353	40	29	41	29	40	30	39	30	48	30	49	30	49	31	49	30
17	354	40	30	40	30	38	30	38	30	47	30	48	30	48	31	48	29
18	355	41	29	42	30	39	30	38	30	49	30	49	30	49	31	49	30
19	356	39	27	38	28	39	29	38	29	46	27	47	28	47	29	47	28
20	357	35	28	35	28	35	30	34	30	40	27	40	28	41	30	43	28
21	358	33	30	33	29	34	33	34	30	42	30	42	30	41	30	44	30
22	359	38	30	37	30	36	30	34	31	46	31	46	31	46	31	47	30
23	360	38	30	38	30	37	30	35	31	45	31	45	31	46	31	46	29
24	361	40	30	39	30	38	30	36	30	47	31	45	31	46	31	47	30
25	362	42	30	40	30	39	31	40	31	50	31	50	31	50	31	50	31
26	363	43	30	40	30	39	31	39	30	53	31	51	31	50	31	50	31
27	364	44	30	41	30	38	30	38	31	55	31	51	31	49	31	49	30
28	365	44	30	43	30	39	30	39	30	48	31	47	30	47	31	46	31
29	366	42	31	41	30	38	31	39	31	50	31	50	32	50	32	50	30
SUMS		1058	775	1050	797	1038	851	1042	865	1276	777	1289	802	1299	850	1301	857
AVERAGES		36.5	26.7	36.2	27.5	35.8	29.3	35.9	29.8	44.0	26.8	44.4	27.7	44.8	29.3	44.9	29.6

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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	338	55	0		0
2	339	55	0		0
3	340	59	0		0
4	341	60	0		0
5	342	61	0		0
6	343	57	0		0
7	344	49	0		0
8	345	37	0		0
9	346	27	0		0
10	347	31	0		0
11	348	28	0		0
12	349	44	0		0
13	350	60	0		0
14	351	54	0		0
15	352	52	0		0
16	353	47	0		0
17	354	51	0		0
18	355	47	0		0
19	356	56	0		0
20	357	38	0		0
21	358	23	2		0
22	359	27	0		0
23	360	34	0		0
24	361	25	0		0
25	362	22	3		0
26	363	27	0		0
27	364	32	0		0
28	365	28	0		0
29	366	40	0		0
SUMS FOR MONTH		1226	5		0
5388	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
14	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
599	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	