

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 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 1.5 FT	PAN THOU IN EVAP
		MAX	MIN	AVG	MAX	MIN	AVG		TOTAL	DIFF				
1	338	41	26	33	90	42	66	66	183	114	0	0	0	0
2	339	37	14	25	100	86	93	10	48	48	5	10	0	0
3	340	18	2	10	100	64	82	11	258	92	0	0	0	0
4	341	25	5	15	100	51	75	19	264	89	1	10	0	0
5	342	25	2	13	100	80	90	8	96	87	18	40	0	0
6	343	4	-2	1	86	66	76	10	240	154	2	20	0	0
7	344	5	-2	1	100	60	80	8	253	132	0	0	0	0
8	345	22	3	12	100	56	78	15	223	151	T	0	0	0
9	346	17	5	11	94	64	79	15	265	134	0	0	0	0
10	347	25	14	19	100	40	70	31	138	122	T	0	0	0
11	348	37	19	28	100	60	80	30	118	116	T	T	0	0
12	349	27	-1	13	100	60	80	15	295	88	T	T	0	0
13	350	16	4	10	78	58	68	20	280	100	0	0	0	0
14	351	23	5	14	100	50	75	20	219	150	T	0	0	0
15	352	21	2	11	100	48	74	18	311	53	0	0	0	0
16	353	41	18	29	100	62	81	32	88	87	T	0	0	0
17	354	35	17	26	100	56	78	30	161	140	0	0	0	0
18	355	36	18	27	100	53	76	34	302	63	0	0	0	0
19	356	45	18	31	90	39	64	65	308	45	0	0	0	0
20	357	51	18	34	100	52	76	47	233	160	0	0	0	0
21	358	49	29	39	100	50	75	60	229	145	9	10	0	0
22	359	32	14	23	100	90	95	6	66	56	T	10	0	0
23	360	33	15	24	100	*	50	*	285	139	0	0	0	0
24	361	40	26	33	100	*	50	*	72	71	10	10	0	0
25	362	26	16	21	100	*	50	*	267	138	T	T	0	0
26	363	26	-1	12	100	*	50	*	233	176	4	10	0	0
27	364	28	2	15	100	*	50	*	370	49	11	0	0	0
28	365	35	27	31	100	*	50	*	63	62	70	0	0	0
SUMS		820	313	561	2738	1287	2011	570	5868	2961	130	120	0	0
AVERAGE		29.3	11.2	20.0	97.8	58.5	71.8	0.026	209.6	105.8	0.05	0.4	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	35	31	36	32	37	33	38	34	41	32	41	32	43	33	41	33
2	339	35	31	35	31	37	33	38	33	40	32	40	32	41	33	40	33
3	340	35	30	35	31	36	32	37	33	37	31	38	31	38	33	38	33
4	341	35	30	35	31	36	32	38	33	38	30	38	31	39	32	39	32
5	342	35	31	35	31	37	32	38	33	40	31	42	32	42	32	40	33
6	343	35	31	35	31	36	33	37	33	36	31	37	32	38	32	38	33
7	344	34	30	36	30	36	32	37	32	39	30	40	30	41	32	41	32
8	345	35	29	35	30	36	32	37	32	40	30	40	31	42	32	42	32
9	346	37	28	36	29	36	32	37	32	45	28	45	30	45	31	45	32
10	347	33	28	34	29	36	31	37	31	39	29	42	30	42	31	41	32
11	348	37	29	36	29	37	31	37	32	43	29	47	30	44	31	44	32
12	349	34	27	34	29	36	31	36	31	44	27	46	30	47	32	46	32
13	350	37	25	35	26	35	30	36	30	41	25	43	28	43	30	43	31
14	351	32	25	32	27	35	30	36	30	39	25	41	28	42	30	41	31
15	352	32	24	32	25	35	29	41	30	42	24	44	27	46	30	44	30
16	353	33	25	33	26	35	30	36	30	42	24	44	27	45	30	44	30
17	354	33	25	33	27	34	30	35	31	41	27	43	30	44	31	43	31
18	355	33	25	32	27	34	30	35	31	39	27	42	30	42	31	40	31
19	356	33	28	32	29	34	29	35	31	40	30	41	30	41	31	41	31
20	357	34	30	36	29	35	30	35	31	41	31	44	31	44	31	43	31
21	358	35	30	34	30	34	31	35	31	44	30	43	31	44	31	43	32
22	359	35	30	34	30	35	31	35	31	43	31	44	30	44	32	44	31
23	360	36	30	34	30	35	31	35	31	43	31	44	31	44	31	43	31
24	361	40	30	39	30	36	31	38	31	44	31	44	31	44	31	44	31
25	362	35	30	34	30	35	31	37	31	43	31	43	31	44	32	42	32
26	363	35	30	34	30	35	31	36	31	42	31	43	31	44	32	43	32
27	364	34	29	34	29	35	30	36	30	42	30	43	30	44	31	43	31
28	365	35	30	33	29	35	31	36	31	41	30	40	31	41	31	40	32
SUMS		972	801	963	817	993	869	1024	880	1149	818	1182	848	1198	879	1176	887
AVERAGES		34.7	28.6	34.4	29.2	35.5	31.0	36.6	31.4	41.0	29.2	42.2	30.3	42.8	31.4	42.0	31.7

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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	32	0		0
2	339	40	0		0
3	340	55	0		0
4	341	50	0		0
5	342	52	0		0
6	343	64	0		0
7	344	64	0		0
8	345	53	0		0
9	346	54	0		0
10	347	46	0		0
11	348	37	0		0
12	349	52	0		0
13	350	55	0		0
14	351	51	0		0
15	352	54	0		0
16	353	36	0		0
17	354	39	0		0
18	355	38	0		0
19	356	34	0		0
20	357	31	0		0
21	358	26	0		0
22	359	42	0		0
23	360	41	0		0
24	361	32	0		0
25	362	44	0		0
26	363	53	0		0
27	364	50	0		0
28	365	34	0		0
SUMS FOR MONTH		1259	0		0
4718	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
44	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
479	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		