

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 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	338	37	3	20	100	76	88	12	100	80	5	20	0	0
2	339	8	0	4	100	80	90	5	211	164	1	10	0	0
3	340	29	0	14	86	56	71	22	266	108	0	0	0	0
4	341	40	20	30	100	70	85	24	240	92	0	0	0	0
5	342	36	20	28	76	46	61	58	258	74	0	0	0	0
6	343	42	-4	19	100	42	71	28	224	102	3	50	0	0
7	344	3	-7	-1	100	77	88	4	263	103	T	T	0	0
8	345	29	3	16	100	52	76	20	218	143	0	0	0	0
9	346	29	4	16	100	88	94	5	203	154	0	0	0	0
10	347	34	8	21	78	52	65	38	276	88	0	0	0	0
11	348	39	17	28	98	58	78	33	76	74	0	0	0	0
12	349	39	15	27	100	76	88	17	132	130	T	0	0	0
13	350	27	23	25	100	68	84	21	69	68	24	35	0	0
14	351	26	17	21	100	66	83	19	117	116	11	25	0	0
15	352	26	15	20	100	58	79	22	269	140	0	0	0	0
16	353	34	20	27	100	62	81	28	182	165	5	20	0	0
17	354	31	19	25	100	98	99	2	60	59	30	90	0	0
18	355	22	8	15	100	64	82	15	305	197	T	0	0	0
19	356	15	4	9	100	62	81	12	259	216	0	0	0	0
20	357	17	1	9	98	50	74	16	324	110	T	T	0	0
21	358	23	1	12	100	52	76	17	299	153	T	T	0	0
22	359	34	8	21	100	76	88	13	108	107	32	50	0	0
23	360	37	19	28	100	88	94	9	103	100	3	10	0	0
24	361	21	8	14	100	58	79	16	264	215	T	T	0	0
25	362	22	0	11	100	68	84	11	299	220	1	10	0	0
26	363	23	0	11	100	86	93	5	373	131	0	0	0	0
27	364	29	-4	12	100	58	79	14	349	115	0	0	0	0
28	365	26	2	14	100	50	75	20	376	95	0	0	0	0
SUMS		778	220	496	2736	1837	2286	506	6223	3519	115	320	0	0
AVERAGE		27.8	7.9	17.7	97.7	65.6	81.6	0.018	222.3	125.7	0.04	1.1	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	32	30	33	30	34	31	34	32	32	29	32	30	34	30	34	32
2	339	32	30	33	31	33	31	34	32	32	29	32	30	34	31	34	31
3	340	32	30	33	30	33	31	34	32	32	29	33	30	34	31	34	32
4	341	32	30	33	31	34	32	34	33	32	30	33	29	34	31	34	32
5	342	32	30	33	31	34	32	34	32	32	30	33	30	34	30	34	32
6	343	32	30	33	31	34	32	34	32	33	30	33	30	34	31	34	32
7	344	32	28	32	29	33	30	34	32	32	26	33	29	34	30	34	31
8	345	32	28	32	30	33	31	34	32	31	26	33	29	34	31	34	31
9	346	32	29	32	30	33	31	34	32	32	28	32	29	33	31	34	31
10	347	32	29	32	29	33	30	34	32	32	27	32	29	33	30	34	31
11	348	32	30	32	30	33	31	34	32	32	30	33	30	34	31	34	32
12	349	32	29	32	29	33	31	34	32	32	28	33	30	33	30	34	31
13	350	32	29	32	30	33	31	34	32	32	28	33	30	33	31	34	32
14	351	32	30	32	30	33	31	34	32	32	30	33	30	34	31	34	32
15	352	32	30	32	30	34	31	34	32	32	30	33	30	34	31	34	31
16	353	32	30	33	30	34	31	34	32	32	30	33	30	34	31	34	31
17	354	32	30	32	30	33	31	34	32	33	30	33	31	34	31	34	32
18	355	32	30	33	30	33	30	34	31	33	30	33	30	34	31	34	32
19	356	32	30	32	30	33	31	34	31	33	30	33	31	34	31	34	32
20	357	32	30	33	30	33	31	34	32	32	30	33	30	34	31	34	31
21	358	32	30	32	30	33	30	34	32	32	30	33	30	33	31	34	31
22	359	32	30	33	30	33	31	34	32	32	30	33	30	34	31	34	31
23	360	32	30	33	31	33	31	34	32	33	30	33	30	34	31	34	32
24	361	32	30	32	30	33	31	34	32	33	30	33	31	34	31	34	32
25	362	32	30	32	31	33	31	34	32	33	30	33	31	34	31	34	31
26	363	32	30	32	30	33	31	34	32	33	30	32	30	33	31	34	31
27	364	32	30	32	31	33	31	34	32	33	30	33	31	33	31	34	32
28	365	32	30	33	30	33	31	34	32	33	30	33	31	34	31	34	32
SUMS		896	832	908	844	930	867	952	895	905	820	919	841	945	863	952	883
AVERAGES		32.0	29.7	32.4	30.1	33.2	31.0	34.0	32.0	32.3	29.3	32.8	30.0	33.8	30.8	34.0	31.5

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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	45	0		0
2	339	61	0		0
3	340	51	0		0
4	341	35	0		0
5	342	37	0		0
6	343	46	0		0
7	344	66	0		0
8	345	49	0		0
9	346	49	0		0
10	347	44	0		0
11	348	37	0		0
12	349	38	0		0
13	350	40	0		0
14	351	44	0		0
15	352	45	0		0
16	353	38	0		0
17	354	40	0		0
18	355	50	0		0
19	356	56	0		0
20	357	56	0		0
21	358	53	0		0
22	359	44	0		0
23	360	37	0		0
24	361	51	0		0
25	362	54	0		0
26	363	54	0		0
27	364	53	0		0
28	365	51	0		0
SUMS FOR MONTH		1324	0		0
5301	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
11	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
195	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	