

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

DECEMBER 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	276	37	24	30	100	80	90	16	94	74	8	30	0	0
2	277	50	27	38	100	69	84	36	62	53	T	T	0	0
3	278	37	23	30	100	70	85	24	176	35	T	T	0	0
4	279	42	23	32	100	66	83	30	14	14	T	0	0	0
5	280	39	22	30	100	58	79	34	84	58	0	0	0	0
6	281	38	25	31	100	52	76	43	104	74	T	T	0	0
7	282	34	23	28	100	54	77	34	114	74	0	0	0	0
8	283	27	19	23	100	68	84	19	142	56	T	T	0	0
9	284	27	18	22	100	93	96	5	101	83	T	2	0	0
10	285	35	4	19	100	62	81	20	86	70	T	T	0	0
11	286	20	11	15	100	58	79	18	162	59	T	T	0	0
12	287	19	9	14	100	60	80	15	148	61	0	0	0	0
13	288	22	9	15	100	59	79	17	176	30	0	0	0	0
14	289	26	11	18	100	66	83	16	163	50	9	20	0	0
15	290	43	23	33	100	98	99	2	23	22	39	0	0	0
16	291	42	23	32	100	98	99	2	49	48	0	0	0	0
17	292	35	26	30	100	92	96	7	50	49	T	T	0	0
18	293	28	24	26	100	98	99	2	58	57	0	0	0	0
19	294	26	13	19	100	92	96	4	91	89	0	0	0	0
20	295	16	11	13	100	92	96	2	65	64	32	50	0	0
21	296	17	12	14	100	93	96	2	100	98	2	10	0	0
22	297	23	17	20	100	98	99	1	94	90	2	10	0	0
23	298	25	21	23	100	98	99	1	95	92	T	2	0	0
24	299	27	19	23	100	98	99	1	83	82	3	12	0	0
25	300	27	20	23	100	90	95	6	144	116	2	9	0	0
26	301	31	17	24	100	82	91	11	124	113	T	T	0	0
27	302	23	15	19	100	77	88	12	165	63	1	5	0	0
28	303	23	18	20	100	94	97	3	110	108	T	T	0	0
29	304	25	17	21	100	92	96	4	114	112	0	0	0	0
30	305	28	13	20	100	88	94	6	138	96	0	0	0	0
31	306	33	17	25	100	78	89	14	100	84	0	0	0	0
SUMS		925	554	730	3100	2473	2784	407	3229	2174	98	150	0	0
AVERAGE		29.8	17.9	23.5	100.0	79.8	89.8	0.013	104.2	70.1	0.03	0.5	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	276	37	30	37	31	38	33	39	33	43	31	44	31	44	33	44	34
2	277	43	32	42	32	40	33	43	34	48	32	48	32	49	34	49	34
3	278	42	31	41	32	40	33	44	34	48	31	49	32	50	33	50	34
4	279	43	31	42	31	42	34	43	34	48	31	48	32	48	33	48	34
5	280	44	31	42	32	40	34	42	34	50	31	49	32	49	33	49	34
6	281	39	31	38	31	39	34	41	34	44	31	44	32	45	33	47	34
7	282	43	31	40	31	39	33	40	34	45	32	46	32	47	33	46	34
8	283	40	30	39	31	39	33	40	34	44	30	46	32	46	33	46	34
9	284	38	28	37	29	38	32	39	32	43	29	46	30	46	31	45	32
10	285	38	24	37	28	37	32	39	32	44	26	45	30	45	32	45	33
11	286	32	25	33	27	36	31	37	31	40	25	42	28	42	30	42	32
12	287	31	21	32	25	35	31	36	32	39	23	41	26	42	30	42	32
13	288	32	21	36	24	34	30	36	31	40	23	42	25	43	29	43	31
14	289	32	22	32	25	34	29	35	30	42	23	43	26	44	28	44	30
15	290	36	26	34	26	34	29	35	30	43	26	45	27	46	29	46	30
16	291	35	30	34	29	34	30	36	31	43	30	44	30	45	30	44	31
17	292	37	30	36	30	34	31	35	31	46	31	47	31	47	31	46	32
18	293	37	30	37	30	35	30	35	31	45	31	46	31	46	31	44	31
19	294	36	30	35	30	34	31	35	32	43	31	44	31	44	31	43	32
20	295	35	29	35	29	35	31	36	31	42	30	43	30	44	31	44	31
21	296	37	29	36	29	35	31	38	32	45	31	46	31	46	32	45	32
22	297	38	30	36	30	39	31	39	32	47	31	48	31	48	32	46	32
23	298	37	30	40	30	37	32	37	32	46	31	49	31	48	32	47	33
24	299	37	30	36	30	37	31	38	32	48	31	47	31	47	32	46	32
25	300	37	30	37	30	36	31	36	32	45	31	46	31	47	32	46	32
26	301	36	30	35	30	36	32	36	32	44	31	44	31	46	32	45	32
27	302	36	30	35	29	36	31	36	32	44	31	45	31	46	32	45	33
28	303	37	29	37	30	37	32	36	32	45	31	46	32	47	32	47	33
29	304	37	30	36	30	36	32	36	32	45	31	46	31	46	32	46	32
30	305	36	29	37	30	36	31	36	32	45	31	46	31	47	32	47	32
31	306	35	29	35	30	36	31	36	32	43	31	43	31	44	32	44	32
SUMS		1153	889	1139	911	1138	979	1170	997	1377	918	1408	942	1424	980	1411	1004
AVERAGES		37.2	28.7	36.7	29.4	36.7	31.6	37.7	32.2	44.4	29.6	45.4	30.4	45.9	31.6	45.5	32.4

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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	276	35	0		0
2	277	27	0		0
3	278	35	0		0
4	279	33	0		0
5	280	35	0		0
6	281	34	0		0
7	282	37	0		0
8	283	42	0		0
9	284	43	0		0
10	285	46	0		0
11	286	50	0		0
12	287	51	0		0
13	288	50	0		0
14	289	47	0		0
15	290	32	0		0
16	291	33	0		0
17	292	35	0		0
18	293	39	0		0
19	294	46	0		0
20	295	52	0		0
21	296	51	0		0
22	297	45	0		0
23	298	42	0		0
24	299	42	0		0
25	300	42	0		0
26	301	41	0		0
27	302	46	0		0
28	303	45	0		0
29	304	44	0		0
30	305	45	0		0
31	306	40	0		0
SUMS FOR MONTH		1285	0		0
2797	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
4569	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
599	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		