

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 1991

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	68	39	53	92	52	72	117	*	*	0	0	0	0
2	277	43	34	38	100	58	79	48	*	*	0	0	0	0
3	278	38	26	32	100	70	85	27	*	*	73	0	0	0
4	279	42	27	34	100	70	85	29	*	*	2	T	0	0
5	280	27	17	22	100	74	87	15	*	*	T	T	0	0
6	281	33	19	26	100	56	78	30	150	*	5	15	0	0
7	282	38	16	27	100	80	90	14	71	*	T	0	0	0
8	283	48	37	42	100	80	90	27	34	*	4	0	0	0
9	284	60	42	51	100	82	91	34	53	*	10	0	0	0
10	285	43	33	38	90	70	80	46	73	*	0	0	0	0
11	286	43	32	37	84	50	67	70	124	*	0	0	0	0
12	287	49	29	39	100	58	79	50	138	*	0	0	0	0
13	288	58	31	44	100	46	73	78	83	*	T	0	0	0
14	289	58	38	48	100	82	91	30	15	*	T	0	0	0
15	290	48	21	34	100	52	76	47	63	*	T	10	0	0
16	291	27	12	19	90	50	70	31	150	*	10	35	0	0
17	292	18	9	13	96	52	74	20	149	*	2	5	0	0
18	293	32	14	23	88	56	72	33	45	*	3	5	0	0
19	294	15	4	9	86	68	77	14	122	*	T	5	0	0
20	295	24	6	15	84	76	80	16	174	*	0	0	0	0
21	296	42	21	31	98	44	71	52	110	*	4	0	0	0
22	297	37	26	31	90	64	77	42	81	*	0	0	0	0
23	298	48	30	39	90	30	60	95	160	*	0	0	0	0
24	299	38	17	27	98	76	87	20	11	8	1	5	0	0
25	300	31	16	23	100	56	78	27	149	86	3	10	0	0
26	301	24	14	19	100	66	83	17	164	75	0	0	0	0
27	302	36	18	27	94	60	77	32	158	80	0	0	0	0
28	303	36	19	27	100	72	86	21	92	82	0	0	0	0
29	304	37	22	29	100	70	85	24	169	79	44	0	0	0
30	305	39	25	32	100	74	87	24	23	22	62	0	0	0
31	306	28	15	21	94	70	82	20	142	80	0	0	0	0
SUMS		1208	709	950	2974	1964	2469	1150	2703	512	223	90	0	0
AVERAGE		39.0	22.9	30.6	95.9	63.4	79.6	0.037	104.0	73.1	0.07	0.3	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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	277	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	278	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	279	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	280	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	281	35	33	36	34	38	35	39	36	33	30	34	31	37	33	39	35
7	282	36	33	37	34	38	36	39	37	33	30	34	32	36	33	38	36
8	283	41	34	41	36	41	36	40	37	42	31	41	32	41	33	41	36
9	284	46	40	45	40	44	40	44	40	50	40	48	40	46	40	44	40
10	285	46	40	45	40	44	41	44	41	47	36	46	38	46	39	44	41
11	286	44	37	43	38	42	38	43	40	45	32	43	35	42	36	42	38
12	287	42	36	42	38	41	38	42	40	44	32	42	34	41	36	41	38
13	288	44	36	44	38	43	39	43	40	46	32	44	34	44	37	42	38
14	289	46	42	45	42	44	42	45	42	48	41	47	42	46	41	45	41
15	290	44	35	44	37	44	40	44	41	46	32	44	34	44	36	44	39
16	291	36	34	38	35	40	36	42	38	34	32	36	33	38	34	40	36
17	292	37	35	38	36	38	36	40	37	34	32	35	33	37	34	39	36
18	293	38	35	38	36	38	36	39	37	35	32	36	33	37	34	38	36
19	294	37	35	38	36	38	36	39	37	34	32	35	33	36	34	38	35
20	295	37	35	38	36	38	36	40	36	35	32	35	32	36	34	38	35
21	296	37	35	37	35	38	35	39	36	35	32	35	32	36	33	38	35
22	297	37	35	38	35	37	35	38	36	34	32	35	32	37	33	38	35
23	298	37	34	37	35	37	35	38	36	34	32	36	33	36	34	38	35
24	299	37	34	37	35	37	35	38	36	34	32	36	32	36	34	38	35
25	300	36	33	36	34	37	35	38	36	34	31	35	32	36	33	38	34
26	301	36	33	36	34	37	35	38	35	34	31	35	32	36	33	38	34
27	302	35	33	36	33	37	35	37	35	34	31	35	32	36	33	37	34
28	303	36	32	36	33	37	34	37	35	34	31	35	32	36	33	37	34
29	304	34	33	35	33	36	34	36	35	34	31	35	32	36	33	37	34
30	305	37	33	37	34	36	34	37	35	35	31	35	32	36	32	37	34
31	306	35	32	35	32	36	34	37	34	34	29	35	31	35	32	37	33
SUMS		1006	907	1012	929	1016	946	1036	968	982	839	987	868	1003	897	1026	937
AVERAGES		38.7	34.9	38.9	35.7	39.1	36.4	39.8	37.2	37.8	32.3	38.0	33.4	38.6	34.5	39.5	36.0

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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	12	13		0
2	277	27	0		0
3	278	33	0		0
4	279	31	0		0
5	280	43	0		0
6	281	39	0		0
7	282	38	0		0
8	283	23	2		0
9	284	14	11		0
10	285	27	0		0
11	286	28	0		0
12	287	26	0		0
13	288	21	4		0
14	289	17	8		0
15	290	31	0		0
16	291	46	0		0
17	292	52	0		0
18	293	42	0		0
19	294	56	0		0
20	295	50	0		0
21	296	34	0		0
22	297	34	0		0
23	298	26	0		0
24	299	38	0		0
25	300	42	0		0
26	301	46	0		0
27	302	38	0		0
28	303	38	0		0
29	304	36	0		0
30	305	33	0		0
31	306	44	0		0
SUMS FOR MONTH		1065	38		0
2516	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
4901	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
706	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	