

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 1994

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	27	32	100	56	78	40	86	56	T	0	0	0
2	277	44	30	37	96	36	66	74	81	74	0	0	0	0
3	278	56	33	44	72	30	51	140	176	55	0	0	0	0
4	279	55	39	47	84	49	66	109	88	72	0	0	0	0
5	280	55	46	50	100	58	79	76	44	43	45	0	0	0
6	281	54	44	49	100	98	99	4	26	25	36	0	0	0
7	282	50	30	40	100	96	98	5	21	20	41	30	0	0
8	283	31	17	24	100	94	97	4	15	11	21	30	0	0
9	284	25	16	20	100	70	85	15	85	28	0	0	0	0
10	285	34	20	27	100	80	90	14	54	36	16	T	0	0
11	286	36	20	28	100	98	99	2	67	66	17	1	0	0
12	287	36	10	23	100	58	79	25	118	76	0	0	0	0
13	288	20	8	14	100	66	83	13	133	75	0	0	0	0
14	289	30	11	20	100	60	80	21	172	38	0	0	0	0
15	290	28	22	25	100	72	86	18	42	39	0	0	0	0
16	291	38	28	33	98	66	82	34	139	75	0	0	0	0
17	292	38	29	33	100	90	95	10	154	52	9	0	0	0
18	293	40	33	36	100	80	90	21	32	31	0	0	0	0
19	294	41	32	36	100	90	95	10	53	51	15	5	0	0
20	295	33	30	31	100	90	95	9	67	66	0	0	0	0
21	296	43	28	35	100	56	78	46	107	66	0	0	0	0
22	297	50	28	39	100	42	71	68	158	31	0	0	0	0
23	298	51	26	38	100	40	70	68	160	36	0	0	0	0
24	299	43	29	36	100	90	95	10	117	86	0	0	0	0
25	300	38	31	34	100	70	85	29	30	29	0	0	0	0
26	301	43	27	35	100	62	81	39	141	48	0	0	0	0
27	302	42	23	32	100	98	99	2	181	40	0	0	0	0
28	303	46	23	34	100	60	80	39	165	65	0	0	0	0
29	304	43	23	33	100	64	82	34	33	31	T	T	0	0
30	305	25	13	19	100	60	80	20	180	33	T	T	0	0
31	306	31	13	22	97	42	69	34	148	55	T	T	0	0
SUMS		1236	789	1006	3047	2121	2583	1033	3073	1509	200	66	0	0
AVERAGE		39.9	25.5	32.5	98.3	68.4	83.3	0.033	99.1	48.7	0.06	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	276	39	32	38	33	40	36	41	37	45	32	46	33	47	35	48	37
2	277	38	32	38	33	39	36	43	37	44	32	46	33	46	35	46	36
3	278	44	33	42	34	41	36	42	37	49	33	50	34	52	35	51	36
4	279	44	34	43	34	42	36	43	38	50	33	50	34	49	36	49	37
5	280	48	41	47	40	46	40	45	39	52	42	53	40	52	40	51	40
6	281	52	45	50	44	48	43	48	43	55	45	56	45	54	44	52	43
7	282	49	36	48	38	48	41	48	42	53	35	54	37	53	40	52	42
8	283	40	33	41	35	44	38	45	38	45	34	46	35	48	37	48	38
9	284	38	32	38	33	40	36	42	37	43	32	49	32	48	34	48	36
10	285	39	33	38	33	40	35	41	36	44	32	47	32	45	34	47	36
11	286	37	32	37	33	39	35	41	36	42	32	46	33	44	34	45	35
12	287	38	30	38	31	39	35	40	36	43	30	46	32	45	34	47	35
13	288	38	26	34	29	37	32	39	34	37	25	39	29	41	32	42	33
14	289	33	26	33	28	36	32	37	33	36	25	38	28	39	31	42	33
15	290	33	28	33	29	35	32	36	33	38	28	39	29	39	31	40	33
16	291	39	29	33	30	35	31	36	33	39	29	39	30	39	31	40	32
17	292	33	29	33	30	35	31	36	33	36	29	37	30	38	31	39	32
18	293	34	30	34	30	36	32	37	33	39	30	40	31	41	32	42	33
19	294	35	31	35	31	36	32	37	34	42	31	42	31	44	32	44	33
20	295	35	31	35	31	36	32	37	34	42	31	42	31	44	32	44	34
21	296	36	32	36	32	37	33	38	34	41	32	41	32	42	33	42	34
22	297	40	32	39	32	38	34	38	34	43	32	43	32	44	34	44	34
23	298	40	32	39	32	38	34	39	34	45	32	45	33	45	34	45	35
24	299	38	32	38	32	38	34	39	35	44	32	44	33	45	34	45	35
25	300	38	32	38	33	39	35	40	35	46	33	45	34	48	35	48	36
26	301	38	31	38	32	38	34	39	35	46	32	46	33	47	34	47	35
27	302	37	31	36	32	37	34	38	34	44	32	45	32	45	34	44	34
28	303	35	31	35	32	37	34	38	35	43	32	43	32	43	34	43	34
29	304	38	32	40	32	39	34	39	35	48	32	48	33	49	34	49	34
30	305	35	28	36	30	38	33	39	34	43	30	44	31	45	33	45	34
31	306	33	27	33	29	36	32	37	33	40	28	41	30	42	32	43	32
SUMS		1194	983	1176	1007	1207	1072	1238	1101	1357	987	1390	1014	1403	1061	1412	1091
AVERAGES		38.5	31.7	37.9	32.5	38.9	34.6	39.9	35.5	43.8	31.8	44.8	32.7	45.3	34.2	45.5	35.2

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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	33	0		0
2	277	28	0		0
3	278	21	4		0
4	279	18	7		0
5	280	15	10		0
6	281	16	9		0
7	282	25	0		0
8	283	41	0		0
9	284	45	0		0
10	285	38	0		0
11	286	37	0		0
12	287	42	0		0
13	288	51	0		0
14	289	45	0		0
15	290	40	0		0
16	291	32	0		0
17	292	32	0		0
18	293	29	0		0
19	294	29	0		0
20	295	34	0		0
21	296	30	0		0
22	297	26	0		0
23	298	27	0		0
24	299	29	0		0
25	300	31	0		0
26	301	30	0		0
27	302	33	0		0
28	303	31	0		0
29	304	32	0		0
30	305	46	0		0
31	306	43	0		0
SUMS FOR MONTH		1009	30		0
2328	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
4441	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
479	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	