

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 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	276	33	21	27	100	62	81	28	162	66	0	0	0	0
2	277	40	25	32	100	46	73	48	203	44	0	0	0	0
3	278	44	33	38	100	64	82	41	132	95	3	0	0	0
4	279	43	35	39	100	62	81	45	65	65	1	0	0	0
5	280	42	36	39	100	98	99	2	12	12	85	0	0	0
6	281	37	33	35	100	84	92	16	19	19	T	0	0	0
7	282	40	33	36	100	78	89	23	50	48	T	0	0	0
8	283	38	28	33	100	70	85	28	49	47	0	0	0	0
9	284	41	27	34	100	58	79	41	151	62	0	0	0	0
10	285	41	29	35	100	70	85	30	90	73	1	0	0	0
11	286	44	20	32	100	88	94	10	20	20	9	T	0	0
12	287	20	13	16	100	84	92	7	79	78	4	15	0	0
13	288	26	13	19	100	70	85	15	188	47	T	1	0	0
14	289	41	16	28	100	56	78	33	183	34	0	0	0	0
15	290	38	25	31	100	74	87	24	184	38	0	0	0	0
16	291	39	33	36	100	62	81	40	47	46	3	0	0	0
17	292	33	20	26	100	82	91	12	66	61	0	0	0	0
18	293	37	21	29	100	62	81	30	190	48	T	T	0	0
19	294	37	31	34	100	92	96	8	47	46	1	0	0	0
20	295	42	31	36	100	84	92	17	78	69	T	0	0	0
21	296	39	32	35	100	68	84	34	61	60	21	5	0	0
22	297	33	27	30	100	70	85	25	28	25	27	30	0	0
23	298	32	16	24	100	62	81	24	184	57	T	T	0	0
24	299	19	3	11	100	88	94	4	116	97	1	T	0	0
25	300	26	11	18	100	74	87	12	94	86	T	T	0	0
26	301	25	4	14	100	52	76	19	91	85	2	5	0	0
27	302	9	-5	2	90	52	71	12	149	90	T	T	0	0
28	303	14	-4	5	74	30	52	24	134	102	0	0	0	0
29	304	17	1	9	100	64	82	11	134	78	3	5	0	0
30	305	21	11	16	100	72	86	12	94	84	0	0	0	0
31	306	18	10	14	90	60	75	20	177	71	0	0	0	0
SUMS		1009	629	813	3054	2138	2596	695	3277	1853	161	61	0	0
AVERAGE		32.5	20.3	26.2	98.5	69.0	83.7	0.022	105.7	59.8	0.05	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	40	32	40	33	40	35	41	36	46	29	47	31	47	34	47	35
2	277	36	31	36	32	38	34	39	35	40	29	42	32	43	33	43	34
3	278	40	31	39	33	40	35	40	35	46	30	47	32	48	34	46	35
4	279	42	35	41	36	41	37	41	37	50	34	50	36	49	37	48	37
5	280	41	36	41	36	41	37	42	38	46	36	47	36	47	37	46	37
6	281	40	36	40	36	41	37	42	38	44	34	46	35	47	37	47	38
7	282	40	36	40	36	41	37	41	37	46	35	48	35	48	36	50	37
8	283	40	34	40	35	41	37	41	38	48	32	48	34	49	36	48	37
9	284	42	33	41	34	41	35	41	37	48	31	48	33	48	35	47	36
10	285	39	32	39	34	39	35	40	36	43	31	43	32	44	34	44	36
11	286	42	34	42	36	42	37	42	36	48	33	49	35	50	36	49	36
12	287	38	34	39	34	40	36	41	36	46	33	47	34	49	35	49	36
13	288	45	34	40	34	39	36	40	36	47	32	49	33	50	34	51	36
14	289	41	34	41	34	39	35	40	36	46	32	48	33	48	34	49	36
15	290	42	34	42	34	39	35	40	36	46	32	47	33	49	34	49	35
16	291	40	34	40	34	38	35	39	35	45	32	46	33	46	35	47	35
17	292	38	32	38	32	39	34	39	35	44	29	45	32	45	34	46	35
18	293	36	32	40	32	37	33	38	34	44	29	45	32	45	33	46	34
19	294	38	31	37	32	37	33	38	34	44	31	46	31	47	33	46	34
20	295	43	33	41	33	39	34	40	35	48	32	49	33	49	34	48	34
21	296	41	34	41	34	39	35	39	36	44	33	45	34	46	35	46	35
22	297	40	33	39	34	39	35	40	36	48	32	50	33	51	34	50	35
23	298	37	33	37	34	38	35	39	35	40	32	40	33	40	34	40	35
24	299	36	32	37	33	38	34	38	34	37	31	38	32	40	33	40	34
25	300	36	32	36	32	38	33	38	34	35	31	37	32	39	33	38	34
26	301	36	32	37	32	38	34	39	35	36	32	37	32	40	33	40	34
27	302	35	30	36	31	38	33	38	34	36	31	38	31	40	33	40	34
28	303	34	31	35	31	37	33	38	34	36	31	38	32	40	33	40	34
29	304	34	30	35	30	37	32	38	33	44	30	40	31	42	32	42	32
30	305	34	30	35	30	37	32	38	32	40	30	42	31	43	32	43	32
31	306	34	30	35	30	37	32	38	33	38	31	41	31	43	32	42	33
SUMS		1200	1015	1200	1031	1208	1075	1228	1096	1349	980	1383	1017	1412	1059	1407	1085
AVERAGES		38.7	32.7	38.7	33.3	39.0	34.7	39.6	35.4	43.5	31.6	44.6	32.8	45.5	34.2	45.4	35.0

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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	38	0		0
2	277	33	0		0
3	278	27	0		0
4	279	26	0		0
5	280	26	0		0
6	281	30	0		0
7	282	29	0		0
8	283	32	0		0
9	284	31	0		0
10	285	30	0		0
11	286	33	0		0
12	287	49	0		0
13	288	46	0		0
14	289	37	0		0
15	290	34	0		0
16	291	29	0		0
17	292	39	0		0
18	293	36	0		0
19	294	31	0		0
20	295	29	0		0
21	296	30	0		0
22	297	35	0		0
23	298	41	0		0
24	299	54	0		0
25	300	47	0		0
26	301	51	0		0
27	302	63	0		0
28	303	60	0		0
29	304	56	0		0
30	305	49	0		0
31	306	51	0		0
SUMS FOR MONTH		1202	0		0
2820	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
4216	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
500	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		