

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

NOVEMBER 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	246	36	31	33	100	98	99	2	33	32	58	40	0	0
2	247	32	27	29	100	96	98	3	132	117	4	0	0	0
3	248	43	31	37	96	54	75	55	249	69	0	30	0	0
4	249	40	33	36	100	74	87	30	49	49	4	20	0	0
5	250	48	37	42	100	72	86	37	103	94	2	0	0	0
6	251	56	36	46	100	72	86	43	85	78	9	0	0	0
7	252	36	28	32	96	78	87	24	66	65	0	0	0	0
8	253	36	29	32	80	58	69	56	152	107	0	0	0	0
9	254	49	31	40	88	38	63	92	235	46	0	0	0	0
10	255	54	28	41	100	36	68	82	213	64	0	0	0	0
11	256	47	30	38	100	62	81	44	218	58	0	0	0	0
12	257	54	40	47	100	32	66	109	157	92	27	0	0	0
13	258	44	29	36	100	78	89	24	98	83	0	0	0	0
14	259	55	29	42	100	66	83	46	41	40	0	0	0	0
15	260	60	48	54	100	96	98	8	37	36	32	0	0	0
16	261	66	38	52	100	66	83	66	116	60	0	0	0	0
17	262	42	32	37	100	80	90	22	48	47	0	0	0	0
18	263	43	34	38	100	98	99	2	25	24	84	0	0	0
19	264	44	32	38	100	64	82	41	185	83	0	0	0	0
20	265	40	29	34	100	60	80	39	49	46	4	0	0	0
21	266	35	24	29	100	90	95	8	183	65	0	0	0	0
22	267	50	29	39	80	38	59	102	130	86	0	0	0	0
23	268	55	33	44	100	44	72	80	198	44	0	0	0	0
24	269	42	33	37	100	80	90	23	76	68	0	0	0	0
25	270	36	14	25	100	70	85	20	25	22	5	T	0	0
26	271	29	15	22	100	58	79	24	216	35	0	0	0	0
27	272	39	27	33	98	56	77	43	148	78	T	0	0	0
28	273	52	39	45	100	64	82	56	21	21	140	0	0	0
29	274	41	31	36	100	72	86	30	35	34	9	0	0	0
30	275	36	26	31	100	66	83	30	93	89	1	10	0	0
SUMS		1340	923	1125	2938	2016	2477	1241	3416	1832	379	100	0	0
AVERAGE		44.7	30.8	37.5	97.9	67.2	82.6	0.041	113.9	61.1	0.13	0.3	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	246	44	39	45	40	46	42	47	43	44	34	44	35	46	38	48	42
2	247	42	38	43	39	44	40	46	42	43	33	45	34	45	37	48	40
3	248	41	36	42	38	43	39	44	40	36	32	40	34	46	36	44	38
4	249	40	36	41	37	42	38	43	39	37	32	41	34	42	36	43	38
5	250	43	37	43	37	43	39	43	39	46	33	46	34	46	36	46	38
6	251	49	41	48	41	47	41	47	41	53	38	52	40	50	41	49	41
7	252	44	36	45	38	46	40	46	41	44	32	46	34	46	37	47	40
8	253	43	35	43	37	43	39	44	40	43	32	43	34	44	36	45	38
9	254	45	35	44	36	44	39	44	40	49	31	46	33	46	36	44	38
10	255	45	35	45	36	44	38	44	40	50	31	48	33	47	36	45	38
11	256	46	36	45	37	49	39	44	40	50	31	47	34	47	36	44	39
12	257	45	37	45	38	45	40	45	41	50	35	48	36	47	38	46	39
13	258	46	36	45	37	45	39	45	40	48	32	46	34	46	36	45	39
14	259	47	37	46	38	46	39	45	40	48	34	48	35	47	37	46	39
15	260	51	45	49	44	48	43	48	43	55	48	53	46	50	44	49	43
16	261	54	44	51	45	50	45	49	45	59	41	55	42	52	44	49	45
17	262	46	40	46	41	46	43	47	43	46	35	45	38	45	40	46	42
18	263	43	40	44	40	44	42	44	43	43	36	43	38	43	40	44	42
19	264	47	37	46	39	45	40	45	42	50	33	48	35	46	38	44	39
20	265	43	38	43	38	44	40	44	42	45	33	44	36	43	38	43	40
21	266	40	35	40	36	42	38	43	39	39	31	38	33	40	36	42	38
22	267	41	35	40	35	40	38	42	39	43	32	41	34	40	36	40	38
23	268	46	36	45	38	44	39	44	39	50	34	48	35	47	37	45	39
24	269	44	36	43	38	43	40	44	40	46	34	44	36	46	38	44	39
25	270	40	33	41	34	42	37	42	38	39	28	40	32	41	34	47	37
26	271	46	31	37	32	39	35	41	36	38	27	35	30	39	32	40	34
27	272	37	31	36	32	38	34	39	35	37	27	38	30	40	33	40	34
28	273	46	34	45	34	44	35	43	36	50	33	50	33	49	34	47	35
29	274	44	35	44	36	44	38	44	39	48	32	49	34	49	36	48	37
30	275	41	34	41	35	41	37	42	37	46	32	46	34	47	36	47	37
SUMS		1329	1098	1311	1126	1321	1176	1328	1202	1375	996	1357	1050	1362	1112	1355	1166
AVERAGES		44.3	36.6	43.7	37.5	44.0	39.2	44.3	40.1	45.8	33.2	45.2	35.0	45.4	37.1	45.2	38.9

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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	246	32	0		0
2	247	36	0		0
3	248	28	0		0
4	249	29	0		0
5	250	23	2		0
6	251	19	6		0
7	252	33	0		0
8	253	33	0		0
9	254	25	0		0
10	255	24	1		0
11	256	27	0		0
12	257	18	7		0
13	258	29	0		0
14	259	23	2		0
15	260	11	14		0
16	261	13	12		0
17	262	28	0		0
18	263	27	0		0
19	264	27	0		0
20	265	31	0		0
21	266	36	0		0
22	267	26	0		0
23	268	21	4		0
24	269	28	0		0
25	270	40	0		0
26	271	43	0		0
27	272	32	0		0
28	273	20	5		0
29	274	29	0		0
30	275	34	0		0
SUMS FOR MONTH		825	53		0
1618	ACCUMULATED HEATING DEGREE DAYS SINCE JULY 1				
4216	ACCUMULATED GROWING DEGREE DAYS SINCE JAN. 1				
500	ACCUMULATED COOLING DEGREE DAYS SINCE APR. 1				