

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

JANUARY 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	307	58	19	38	100	82	91	20	40	39	T	0	0	0
2	308	22	15	18	100	68	84	15	100	83	T	T	0	0
3	309	29	15	22	100	84	92	9	92	87	5	0	0	0
4	310	44	29	36	100	98	99	2	26	24	12	0	0	0
5	311	57	42	49	100	70	85	54	78	67	27	0	0	0
6	312	54	30	42	100	90	95	14	26	24	0	0	0	0
7	313	34	29	31	100	60	80	36	83	73	0	0	0	0
8	314	40	28	34	100	62	81	37	149	90	5	10	0	0
9	315	29	9	19	100	68	84	16	41	38	3	T	0	0
10	316	19	8	13	100	44	72	18	164	64	0	0	0	0
11	317	25	13	19	100	90	95	5	63	60	20	40	0	0
12	318	29	22	25	100	98	99	2	52	49	T	0	0	0
13	319	32	23	27	100	98	99	2	66	64	38	0	0	0
14	320	39	20	29	100	98	99	2	38	36	25	10	0	0
15	321	25	19	22	100	88	94	7	91	89	T	T	0	0
16	322	31	23	27	100	76	88	17	96	91	2	T	0	0
17	323	33	17	25	98	56	77	30	149	115	0	0	0	0
18	324	33	16	24	100	72	86	17	62	61	2	20	0	0
19	325	21	7	14	100	66	83	13	164	124	0	0	0	0
20	326	26	17	21	100	68	84	18	156	123	0	0	0	0
21	327	33	14	23	100	60	80	25	170	100	0	0	0	0
22	328	38	24	31	100	60	80	34	134	120	4	0	0	0
23	329	40	32	36	100	98	99	2	37	35	8	0	0	0
24	330	40	32	36	100	68	84	34	146	108	0	0	0	0
25	331	44	24	34	100	64	82	35	22	21	11	0	0	0
26	332	29	15	22	100	60	80	23	170	107	T	T	0	0
27	333	31	16	23	80	50	65	44	216	83	0	0	0	0
28	334	34	14	24	100	68	84	20	78	71	0	0	0	0
29	335	37	15	26	100	70	85	20	98	0	T	0	0	0
30	336	23	14	18	100	52	76	22	168	113	T	T	0	0
31	337	35	8	21	100	60	80	23	116	115	17	40	0	0
SUMS		1064	609	829	3078	2246	2662	616	3091	2274	179	120	0	0
AVERAGE		34.3	19.6	26.7	99.3	72.5	85.9	0.020	99.7	73.4	0.06	0.4	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	307	35	31	35	31	35	33	35	34	46	32	43	33	41	35	40	34
2	308	34	31	34	32	36	33	37	34	34	30	35	32	36	32	37	34
3	309	33	31	34	31	35	33	35	33	33	30	33	31	34	32	36	33
4	310	33	31	34	32	34	32	35	34	33	31	34	31	34	32	35	33
5	311	44	32	42	32	41	34	40	35	47	32	45	32	43	32	41	34
6	312	44	35	42	36	41	36	41	37	46	34	45	34	44	36	42	36
7	313	38	33	37	34	37	35	38	36	38	32	38	33	37	34	38	35
8	314	38	33	38	34	38	34	38	36	41	32	39	33	38	34	38	35
9	315	35	32	36	33	36	34	37	34	34	31	34	32	36	33	37	34
10	316	34	32	35	32	36	33	36	34	33	31	34	32	35	33	36	34
11	317	34	32	34	32	35	33	36	34	33	31	34	32	34	32	36	33
12	318	34	32	34	32	35	33	36	34	33	31	34	32	35	32	36	33
13	319	34	32	34	32	35	33	36	34	33	32	34	32	35	32	35	33
14	320	34	32	34	32	35	33	36	34	34	32	34	32	35	32	36	33
15	321	34	32	34	33	35	33	36	34	34	31	34	32	35	32	36	33
16	322	34	33	35	33	35	33	36	34	34	31	34	32	35	32	36	33
17	323	34	33	35	33	35	33	36	34	34	31	34	32	35	33	36	34
18	324	34	32	35	33	35	33	36	34	34	32	34	32	36	33	36	34
19	325	34	32	35	33	35	33	36	34	34	32	34	32	35	33	36	33
20	326	34	32	35	32	35	33	36	34	34	32	34	32	35	32	36	34
21	327	34	31	34	32	35	33	36	33	33	31	34	31	35	32	36	33
22	328	34	31	34	32	35	33	36	34	33	31	34	31	35	32	36	33
23	329	34	32	34	33	35	33	36	34	34	32	34	32	35	33	35	33
24	330	35	32	35	33	35	33	36	34	34	32	34	32	34	32	36	33
25	331	37	32	36	33	36	34	36	34	38	31	35	32	36	32	36	33
26	332	33	31	34	31	35	32	36	34	33	29	34	31	35	32	36	33
27	333	33	31	33	32	34	32	35	33	32	29	33	31	34	31	35	33
28	334	33	31	33	31	34	32	36	33	33	24	33	30	34	31	35	33
29	335	32	31	33	31	34	32	35	33	32	24	33	30	34	31	35	32
30	336	32	30	33	31	34	32	35	33	31	24	33	30	34	31	35	32
31	337	32	29	32	30	33	32	34	32	31	25	32	28	33	30	34	32
SUMS		1077	984	1083	1001	1099	1025	1123	1054	1086	942	1089	981	1107	1003	1128	1035
AVERAGES		34.7	31.7	34.9	32.3	35.5	33.1	36.2	34.0	35.0	30.4	35.1	31.6	35.7	32.4	36.4	33.4

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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	307	27	0		0
2	308	47	0		0
3	309	43	0		0
4	310	29	0		0
5	311	16	9		0
6	312	23	2		0
7	313	34	0		0
8	314	31	0		0
9	315	46	0		0
10	316	52	0		0
11	317	46	0		0
12	318	40	0		0
13	319	38	0		0
14	320	36	0		0
15	321	43	0		0
16	322	38	0		0
17	323	40	0		0
18	324	41	0		0
19	325	51	0		0
20	326	44	0		0
21	327	42	0		0
22	328	34	0		0
23	329	29	0		0
24	330	29	0		0
25	331	31	0		0
26	332	43	0		0
27	333	42	0		0
28	334	41	0		0
29	335	39	0		0
30	336	47	0		0
31	337	44	0		0
SUMS FOR MONTH		1186	11		0
3977	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
11	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
195	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		