

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 1996

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	38	17	27	100	98	99	2	88	86	0	0	0	0
2	308	29	16	22	100	96	98	2	68	66	12	10	0	0
3	309	16	10	13	100	90	95	4	52	52	50	90	0	0
4	310	13	-7	3	100	92	96	2	72	71	19	40	0	0
5	311	15	-3	6	100	70	85	8	183	73	T	T	0	0
6	312	12	-7	2	100	80	90	4	161	127	T	T	0	0
7	313	10	-7	1	100	79	89	4	227	54	0	0	0	0
8	314	11	1	6	100	80	90	5	95	89	0	0	0	0
9	315	20	2	11	100	82	91	6	174	74	0	0	0	0
10	316	23	16	19	100	74	87	13	121	110	7	25	0	0
11	317	21	5	13	100	96	98	1	104	102	4	20	0	0
12	318	20	8	14	100	72	86	11	186	110	T	T	0	0
13	319	26	10	18	100	69	84	15	97	96	T	T	0	0
14	320	31	20	25	100	98	99	2	74	73	0	0	0	0
15	321	46	11	28	100	67	83	24	160	107	T	T	0	0
16	322	13	-2	5	100	62	81	10	174	87	0	0	0	0
17	323	39	10	24	100	64	82	22	133	115	T	0	0	0
18	324	44	37	40	100	96	98	5	55	54	1	0	0	0
19	325	59	39	49	100	86	93	24	84	83	9	0	0	0
20	326	53	14	33	100	65	82	35	17	17	106	2	0	0
21	327	23	15	19	100	65	82	18	203	50	T	T	0	0
22	328	32	19	25	100	68	84	22	133	77	0	0	0	0
23	329	37	20	28	96	70	83	26	171	82	0	0	0	0
24	330	38	30	34	100	80	90	19	47	43	13	T	0	0
25	331	43	15	29	100	96	98	2	32	31	T	T	0	0
26	332	26	14	20	100	68	84	16	193	78	0	0	0	0
27	333	48	26	37	100	68	84	35	120	110	1	0	0	0
28	334	51	17	34	100	61	80	39	86	70	15	T	0	0
29	335	26	15	20	100	90	95	5	181	84	T	T	0	0
30	336	33	22	27	100	42	71	44	78	74	0	0	0	0
31	337	26	11	18	98	62	80	19	208	82	0	0	0	0
SUMS		922	394	650	3094	2386	2737	444	3777	2427	237	187	0	0
AVERAGE		29.7	12.7	21.0	99.8	77.0	88.3	0.014	121.8	78.3	0.08	0.6	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	36	29	36	29	36	32	37	32	42	31	43	31	44	32	43	32
2	308	37	29	36	30	36	32	36	31	42	31	43	31	44	32	44	32
3	309	35	29	34	30	36	32	36	32	40	31	41	31	42	32	42	32
4	310	34	30	34	29	36	31	37	32	42	31	42	31	43	32	45	32
5	311	35	29	34	29	36	31	36	31	43	30	44	31	44	32	43	32
6	312	34	29	34	29	36	31	37	31	42	31	44	31	45	32	44	33
7	313	34	29	34	29	36	31	36	31	44	31	44	31	44	32	44	32
8	314	34	29	34	28	36	31	36	31	40	30	42	31	44	32	41	32
9	315	35	30	35	30	37	31	37	31	43	31	44	31	44	32	44	32
10	316	36	30	36	29	37	31	37	31	42	30	43	31	43	32	44	32
11	317	37	30	37	29	38	32	37	32	45	31	45	31	45	32	45	33
12	318	36	28	36	29	37	30	36	31	44	30	44	30	44	31	44	31
13	319	37	29	36	29	36	31	36	32	40	30	43	31	43	31	42	31
14	320	34	30	34	29	36	31	36	32	42	30	44	30	45	32	45	32
15	321	39	30	38	30	39	32	37	31	44	31	46	31	47	32	46	32
16	322	37	29	36	28	37	31	36	31	43	30	44	30	45	30	44	30
17	323	36	30	36	29	36	30	37	31	40	30	41	30	44	30	43	31
18	324	38	31	38	30	38	31	38	32	41	30	42	31	43	32	42	32
19	325	42	30	40	31	38	31	40	31	48	31	48	31	45	32	43	32
20	326	43	31	40	31	39	33	39	33	48	32	48	32	48	33	46	33
21	327	36	29	36	29	37	31	37	31	42	30	46	30	46	31	45	32
22	328	35	30	35	30	36	32	38	32	39	30	40	31	41	32	41	32
23	329	35	29	35	30	36	31	39	32	39	30	40	31	41	32	40	32
24	330	36	30	35	30	36	31	37	32	39	30	41	31	41	32	41	32
25	331	38	30	38	30	37	32	39	32	44	31	46	31	46	32	44	32
26	332	36	28	36	29	36	31	36	31	42	28	43	30	43	31	42	31
27	333	38	28	36	30	36	31	38	32	41	28	41	30	42	31	42	31
28	334	40	28	38	30	37	31	40	31	43	29	43	30	43	31	42	32
29	335	37	27	35	30	36	31	36	31	42	28	43	30	44	31	44	31
30	336	34	27	34	29	35	30	36	31	38	27	41	30	42	31	41	31
31	337	33	23	33	27	35	31	36	31	39	23	41	27	42	32	40	32
SUMS		1127	900	1109	911	1133	967	1149	975	1303	926	1340	948	1357	981	1336	986
AVERAGES		36.4	29.0	35.8	29.4	36.5	31.2	37.1	31.5	42.0	29.9	43.2	30.6	43.8	31.6	43.1	31.8

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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	38	0		0
2	308	43	0		0
3	309	52	0		0
4	310	62	0		0
5	311	59	0		0
6	312	63	0		0
7	313	64	0		0
8	314	59	0		0
9	315	54	0		0
10	316	46	0		0
11	317	52	0		0
12	318	51	0		0
13	319	47	0		0
14	320	40	0		0
15	321	37	0		0
16	322	60	0		0
17	323	41	0		0
18	324	25	0		0
19	325	16	9		0
20	326	32	0		0
21	327	46	0		0
22	328	40	0		0
23	329	37	0		0
24	330	31	0		0
25	331	36	0		0
26	332	45	0		0
27	333	28	0		0
28	334	31	0		0
29	335	45	0		0
30	336	38	0		0
31	337	47	0		0
SUMS FOR MONTH		1365	9		0
4162	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
9	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
599	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		