

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 1995

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	40	20	30	100	40	70	49	85	80	13	0	0	0
2	308	44	22	33	100	58	79	39	51	50	2	T	0	0
3	309	25	17	21	96	76	86	15	106	87	0	T	0	0
4	310	28	14	21	100	50	75	27	73	54	T	5	0	0
5	311	17	9	13	84	52	68	24	169	53	0	0	0	0
6	312	23	10	16	84	42	63	32	182	34	0	0	0	0
7	313	33	17	25	100	30	65	46	26	25	9	10	0	0
8	314	29	18	23	100	81	90	12	42	40	T	T	0	0
9	315	31	20	25	100	50	75	34	149	107	T	0	0	0
10	316	26	14	20	86	50	68	33	177	61	0	0	0	0
11	317	19	8	13	100	68	84	12	111	108	T	0	0	0
12	318	39	19	29	100	78	89	18	68	68	17	0	0	0
13	319	50	38	44	100	98	99	3	44	43	1	0	0	0
14	320	64	42	53	100	78	89	44	100	85	0	0	0	0
15	321	63	42	52	100	79	89	39	117	90	0	0	0	0
16	322	63	41	52	100	96	98	8	59	54	26	0	0	0
17	323	43	31	37	100	98	99	2	35	34	2	0	0	0
18	324	35	29	32	100	98	99	2	52	52	T	0	0	0
19	325	45	32	38	100	96	98	5	88	81	T	0	0	0
20	326	45	41	43	100	98	99	3	92	88	11	0	0	0
21	327	44	36	40	100	98	99	2	26	26	49	0	0	0
22	328	37	28	32	100	72	86	25	44	43	9	0	0	0
23	329	37	21	29	100	98	99	2	95	93	1	0	0	0
24	330	30	21	25	100	82	91	12	71	68	4	3	0	0
25	331	32	28	30	100	91	95	7	75	74	5	7	0	0
26	332	33	23	28	100	98	99	2	108	106	10	25	0	0
27	333	29	21	25	100	68	84	21	96	83	17	30	0	0
28	334	24	-1	11	100	68	84	11	220	133	T	0	0	0
29	335	17	-3	7	100	54	77	12	259	42	T	0	0	0
30	336	29	1	15	100	48	74	21	286	67	0	0	0	0
31	337	31	14	22	96	66	81	22	213	160	0	0	0	0
SUMS		1105	673	884	3046	2259	2651	584	3319	2189	176	80	0	0
AVERAGE		35.6	21.7	28.5	98.3	72.9	85.5	0.019	107.1	70.6	0.06	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	307	34	28	33	29	35	32	36	33	39	29	39	30	40	32	40	32
2	308	34	30	34	30	36	32	37	33	44	31	45	31	46	32	47	34
3	309	34	30	34	30	36	32	36	32	44	31	44	31	44	32	44	33
4	310	34	30	34	29	36	32	37	32	40	30	41	31	41	32	42	32
5	311	33	24	34	28	36	32	36	33	40	26	41	30	42	32	42	33
6	312	31	22	32	24	35	30	36	31	39	24	40	26	41	30	42	31
7	313	32	22	32	24	34	30	35	31	41	24	42	27	42	30	42	31
8	314	32	28	33	28	34	30	35	31	41	29	44	29	44	31	44	31
9	315	32	28	32	28	34	30	35	31	39	28	41	29	42	30	42	31
10	316	32	26	32	28	34	31	35	31	42	27	43	28	43	31	44	31
11	317	31	27	32	28	34	30	34	31	39	27	38	28	42	30	42	31
12	318	33	26	32	27	33	29	34	30	37	27	37	27	38	29	38	30
13	319	35	30	33	30	34	30	34	31	39	30	39	30	40	30	41	31
14	320	42	33	37	30	36	31	42	31	50	35	48	32	46	31	45	32
15	321	52	36	50	34	45	34	43	33	55	37	53	36	51	35	49	34
16	322	54	44	52	43	48	42	48	40	57	44	57	45	56	44	52	41
17	323	47	36	46	37	46	39	46	40	52	37	53	38	51	40	50	40
18	324	41	34	43	35	42	37	42	37	46	34	46	35	47	36	47	37
19	325	44	34	42	35	41	36	41	37	47	35	47	35	46	36	46	37
20	326	44	38	43	37	42	38	42	38	49	38	48	38	48	38	46	38
21	327	45	38	44	38	43	40	43	39	48	38	47	39	47	40	45	39
22	328	41	33	41	34	42	36	44	37	46	33	45	34	47	36	46	37
23	329	40	32	38	33	39	35	44	36	43	33	43	33	44	35	46	36
24	330	37	32	36	33	38	35	44	36	43	32	43	33	43	35	44	35
25	331	39	32	37	32	37	34	44	35	45	32	44	33	44	34	44	35
26	332	37	32	37	32	37	33	45	34	45	32	44	32	44	34	44	34
27	333	37	32	36	32	37	33	44	34	43	32	43	32	44	33	44	34
28	334	35	31	36	32	37	33	39	34	39	32	39	32	40	33	40	34
29	335	35	31	36	31	37	33	38	33	39	32	39	32	40	33	39	33
30	336	35	31	36	31	37	33	39	33	40	31	40	32	39	33	38	33
31	337	35	31	35	31	37	33	38	34	39	32	40	32	41	33	40	33
SUMS		1167	961	1152	973	1172	1035	1226	1051	1350	982	1353	1000	1363	1040	1355	1053
AVERAGES		37.6	31.0	37.2	31.4	37.8	33.4	39.5	33.9	43.5	31.7	43.6	32.3	44.0	33.5	43.7	34.0

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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	307	35	0		0
2	308	32	0		0
3	309	44	0		0
4	310	44	0		0
5	311	52	0		0
6	312	49	0		0
7	313	40	0		0
8	314	42	0		0
9	315	40	0		0
10	316	45	0		0
11	317	52	0		0
12	318	36	0		0
13	319	21	4		0
14	320	12	13		0
15	321	13	12		0
16	322	13	12		0
17	323	28	0		0
18	324	33	0		0
19	325	27	0		0
20	326	22	3		0
21	327	25	0		0
22	328	33	0		0
23	329	36	0		0
24	330	40	0		0
25	331	35	0		0
26	332	37	0		0
27	333	40	0		0
28	334	54	0		0
29	335	58	0		0
30	336	50	0		0
31	337	43	0		0
SUMS FOR MONTH		1131	44		0
3459	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
44	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
479	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		