

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

February 2003

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi. Wind	Pan
		Max	Min	Avg	Max	Min	Avg	Thou In/Hg	Gm Cal/Cm2 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	338	35	24	29	96	69	82	36	142	129	18	0	0	
2	339	36	32	34	96	90	93	10	100	99	7	0	0	
3	340	33	28	30	96	78	87	27	74	73	T	T	0	0
4	341	38	28	33	94	72	83	34	149	119	42	0	0	0
5	342	40	19	29	94	52	73	44	80	74	T	T	0	0
6	343	22	12	17	86	56	71	30	183	150	T	T	0	0
7	344	30	15	22	92	32	62	45	238	120	5	5	0	0
8	345	26	7	16	90	57	73	25	148	131	T	T	0	0
9	346	29	16	22	75	20	47	67	303	54	0	0	0	0
10	347	29	10	19	91	49	70	34	196	159	T	T	0	0
11	348	28	-3	12	95	70	82	13	137	133	10	20	0	0
12	349	25	-1	12	92	59	75	21	289	163	2	5	0	0
13	350	16	6	11	81	42	61	31	298	95	1	5	0	0
14	351	14	6	10	77	39	58	29	324	112	0	0	0	0
15	352	27	8	17	86	40	63	28	309	145	0	0	0	0
16	353	7	4	5	71	36	53	23	296	145	0	0	0	0
17	354	7	-4	1	59	33	46	28	205	195	0	0	0	0
18	355	16	6	11	91	52	71	13	93	92	35	52	0	0
19	356	29	16	22	91	71	81	28	83	53	0	0	0	0
20	357	39	24	31	92	53	72	52	183	135	T	0	0	0
21	358	42	22	32	67	35	51	100	351	54	0	0	0	0
22	359	46	25	35	90	35	62	115	303	145	0	0	0	0
23	360	40	30	35	96	90	93	10	78	78	53	0	0	0
24	361	30	13	21	96	74	85	13	88	88	5	5	0	0
25	362	21	9	15	90	0	45	0	215	198	3	10	0	0
26	363	17	-7	5	90	66	78	11	259	222	1	10	0	0
27	364	23	-4	9	88	46	67	30	418	85	0	0	0	0
28	365	30	11	20	84	56	70	39	323	185	0	0	0	0
Sums		775	352	555	2446	1472	1954	936	5865	3431	182	112	0	0
Average		27.7	12.6	19.8	87.4	52.6	69.8	.033	209.5	122.5	.06	.4	.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	338	33	30	33	30	35	31	35	32	34	29	34	29	35	30	35	30
2	339	34	30	34	30	35	32	36	32	35	30	35	30	36	31	37	31
3	340	34	30	34	30	35	31	36	32	35	30	37	30	39	31	37	31
4	341	34	29	34	29	35	31	36	31	35	29	35	29	35	30	36	30
5	342	34	30	34	30	36	31	37	32	36	30	37	30	37	31	38	31
6	343	34	29	34	29	35	31	37	31	36	30	36	30	37	31	37	31
7	344	34	29	34	29	34	29	36	31	34	29	35	29	36	30	36	30
8	345	34	29	34	29	35	31	37	32	35	30	36	30	36	31	37	31
9	346	34	29	34	30	35	31	36	31	35	30	35	29	36	30	36	31
10	347	34	29	34	29	36	31	37	31	36	30	36	29	37	30	38	30
11	348	34	29	34	29	36	31	37	31	35	30	36	29	37	30	38	30
12	349	34	29	34	29	36	31	37	30	35	29	36	29	38	29	38	30
13	350	34	29	34	29	35	31	37	25	35	29	36	29	36	31	37	31
14	351	33	28	33	29	35	30	37	30	34	28	36	29	36	30	37	31
15	352	32	27	33	28	35	30	36	30	33	27	35	28	36	29	37	30
16	353	31	26	32	28	34	30	36	25	31	25	33	27	34	29	35	30
17	354	30	26	31	27	34	30	34	30	30	25	31	26	34	29	35	30
18	355	31	26	32	27	33	30	34	30	32	26	32	26	33	28	34	30
19	356	32	28	33	28	34	30	34	30	33	28	33	27	34	28	35	29
20	357	33	28	33	28	34	29	34	29	34	28	34	28	35	29	35	29
21	358	33	29	33	29	34	30	34	31	33	29	34	29	34	30	34	30
22	359	33	29	33	29	34	30	34	31	33	29	34	29	35	30	34	30
23	360	34	29	33	29	34	30	36	35	35	30	35	29	35	29	36	29
24	361	33	29	33	29	34	30	36	35	35	30	35	29	36	30	36	30
25	362	34	27	33	27	35	29	35	30	36	28	36	28	36	29	37	35
26	363	34	27	33	27	35	29	35	30	35	28	36	28	36	29	36	29
27	364	33	27	33	27	34	29	35	30	34	28	34	28	35	29	35	29
28	365	33	28	33	28	35	30	35	30	34	28	34	28	35	29	35	29
Sums		930	795	932	802	972	848	999	857	958	802	976	801	999	832	1011	847
Averages		33.2	28.4	33.3	28.6	34.7	30.3	35.7	30.6	34.2	28.6	34.9	28.6	35.7	29.7	36.1	30.2

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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	338	36	0		0
2	339	31	0		0
3	340	35	0		0
4	341	32	0		0
5	342	36	0		0
6	343	48	0		0
7	344	43	0		0
8	345	49	0		0
9	346	43	0		0
10	347	46	0		0
11	348	53	0		0
12	349	53	0		0
13	350	54	0		0
14	351	55	0		0
15	352	48	0		0
16	353	60	0		0
17	354	64	0		0
18	355	54	0		0
19	356	43	0		0
20	357	34	0		0
21	358	33	0		0
22	359	30	0		0
23	360	30	0		0
24	361	44	0		0
25	362	50	0		0
26	363	60	0		0
27	364	56	0		0
28	365	45	0		0
Sums for month		1265	0		0
5360	Accumulated	heating degree days	since July 1		
0	Accumulated	growing degree days	since Jan. 1		
714	Accumulated	cooling degree days	since Apr. 1		