

**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**

**March**

**2003**

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		Gm Cal/Cm2 Total	Diff				
1	1	32	22	27	94	71	82	29	158	155	0	0	0	0
2	2	36	27	31	92	70	81	23	209	197	T	0	0	0
3	3	39	-2	18	94	66	80	23	102	98	4	0	0	
4	4	17	-1	8	80	39	59	67	367	297	1	0	0	
5	5	38	17	27	75	53	64	28	281	246	0	0	0	0
6	6	41	19	30	93	72	82	29	87	86	4	0	0	
7	7	37	5	21	84	46	65	62	215	218	0	0	0	0
8	8	35	8	21	86	35	60	62	405	404	0	0	0	0
9	9	42	19	30	91	55	73	33	306	297	T	0	0	0
10	10	19	9	14	84	44	64	32	245	241	T	T	0	0
11	11	18	10	14	79	41	60	90	304	297	0	0	0	0
12	12	41	14	27	72	22	47	36	226	222	0	0	0	0
13	13	41	22	31	94	62	78	18	162	160	3	5	0	0
14	14	24	7	15	91	59	75	72	175	165	10	11	0	0
15	15	36	14	25	65	40	52	123	424	138	0	0	0	0
16	16	52	34	43	78	32	55	139	440	59	0	0	0	0
17	17	68	36	52	94	42	68	83	425	93	0	0	0	0
18	18	69	38	53	95	51	73	59	383	156	0	0	0	0
19	19	44	26	35	94	59	76	101	330	189	0	0	0	0
20	20	50	29	39	89	35	62	18	445	105	14	0	0	0
21	21	42	34	38	96	86	91	41	80	77	40	0	0	0
22	22	59	38	48	96	66	81	68	269	192	18	0	0	0
23	23	50	35	42	93	47	70	45	218	123	8	0	0	0
24	24	48	31	39	93	62	77	123	247	163	0	0	0	0
25	25	57	35	46	88	48	68	92	381	165	T	0	0	0
26	26	73	39	56	96	30	63	55	275	140	46	0	0	0
27	27	50	31	40	95	46	70	98	222	123	1	0	0	0
28	28	53	38	45	82	47	64	181	432	146	0	0	0	0
29	29	65	48	56	87	32	59	41	319	208	9	0	0	0
30	30	53	26	39	95	67	81	34	49	47	25	10	0	0
31	31	31	23	27	95	51	73	45	133	106	2	5	0	0
Sums		1360	731	1037	2740	1576	2153	1950	8314	5313	185	31	0	0
Average		43.9	23.6	33.5	88.4	50.8	69.5	.063	268.2	171.4	.06	.1	.0	.000

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		Soil Temperature F															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	1	33	29	33	29	34	30	35	30	34	29	34	29	35	30	35	30
2	2	33	29	33	28	34	30	35	30	34	29	34	29	35	29	35	29
3	3	34	28	34	28	34	30	35	30	36	26	35	28	36	29	37	30
4	4	33	24	33	25	35	29	36	29	35	22	34	23	36	27	39	28
5	5	33	25	33	26	34	30	35	30	33	24	33	25	34	27	35	28
6	6	34	28	33	28	34	30	35	30	37	28	39	28	40	29	38	29
7	7	33	22	33	24	34	29	35	29	35	20	33	22	34	27	36	28
8	8	33	22	33	24	34	29	35	29	35	21	36	22	39	26	35	28
9	9	33	28	33	28	34	29	35	30	34	28	34	28	35	29	35	29
10	10	33	21	33	23	34	29	34	30	34	20	34	24	35	28	35	29
11	11	31	18	31	20	33	27	34	29	32	17	32	20	33	24	35	28
12	12	32	19	31	21	33	27	34	29	33	19	33	20	34	24	34	28
13	13	33	29	32	29	33	30	34	30	34	30	34	29	34	29	34	30
14	14	33	29	33	28	33	29	34	30	34	29	34	29	34	30	34	29
15	15	33	29	33	29	33	30	34	30	34	29	34	29	34	29	34	29
16	16	34	30	33	29	34	30	34	30	35	30	35	29	35	30	35	29
17	17	50	30	41	29	34	30	34	30	50	30	39	30	36	30	35	29
18	18	59	31	52	31	40	30	39	30	59	33	50	30	41	30	37	30
19	19	52	30	47	31	42	33	41	34	52	31	47	32	44	33	41	33
20	20	49	30	45	30	41	33	40	33	51	31	46	31	43	33	40	33
21	21	41	32	40	32	40	34	39	34	42	32	41	33	41	38	40	34
22	22	54	34	50	32	45	34	44	34	55	35	50	34	47	34	45	34
23	23	52	34	48	35	45	37	44	37	54	35	50	36	47	38	48	38
24	24	50	31	46	32	44	35	43	36	51	32	49	33	45	35	44	36
25	25	51	31	48	33	45	34	43	36	50	33	48	33	45	35	44	37
26	26	59	41	54	40	48	40	46	39	59	41	55	41	50	40	47	39
27	27	52	33	49	34	47	37	45	38	53	34	50	35	49	37	46	38
28	28	58	37	53	35	48	37	46	38	59	37	53	36	49	37	47	37
29	29	54	40	52	38	48	40	47	40	56	40	52	39	50	39	48	40
30	30	52	34	51	35	49	39	48	40	52	34	51	36	50	38	48	40
31	31	38	32	39	32	43	35	44	36	40	31	40	32	42	34	44	36
Sums		1299	910	1239	918	1199	996	1197	1010	1332	910	1269	925	1242	978	1220	995
Averages		41.9	29.4	40.0	29.6	38.7	32.1	38.6	32.6	43.0	29.4	40.9	29.8	40.1	31.5	39.4	32.1

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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	1	38	0		0
2	2	34	0		0
3	3	47	0		0
4	4	57	0		0
5	5	38	0		0
6	6	35	0		0
7	7	44	0		0
8	8	44	0		0
9	9	35	0		0
10	10	51	0		0
11	11	51	0		0
12	12	38	0		0
13	13	34	0		0
14	14	50	0		0
15	15	40	0		0
16	16	22	3		0
17	17	13	12		0
18	18	12	13		0
19	19	30	0		0
20	20	26	0		0
21	21	27	0		0
22	22	17	8		0
23	23	23	2		0
24	24	26	0		0
25	25	19	6		0
26	26	9	16		0
27	27	25	0		0
28	28	20	5		0
29	29	9	16		0
30	30	26	0		0
31	31	38	0		0
Sums for month		978	81		0
6338	Accumulated heating degree days since July 1				
81	Accumulated growing degree days since Jan. 1				
714	Accumulated cooling degree days since Apr. 1				