

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

1999

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	1	40	33	36	96	74	85	25	41	41	18	0	0	0
2	2	37	27	32	94	70	82	22	108	106	10	5	0	0
3	3	38	28	33	93	44	68	59	353	61	1	0	0	
4	4	53	24	38	96	63	79	32	82	80	162	52	0	0
5	5	25	18	21	95	72	83	18	140	133	12	97	0	0
6	6	20	17	18	93	42	67	33	352	129	7	10	0	0
7	7	23	9	16	93	85	89	9	113	112	35	70	0	0
8	8	18	4	11	85	51	68	25	364	160	0	0	0	0
9	9	22	2	12	78	39	58	31	410	64	0	0	0	0
10	10	24	8	16	73	40	56	42	220	214	0	0	0	0
11	11	24	14	19	76	55	65	36	355	234	0	0	0	0
12	12	26	18	22	78	55	66	41	347	245	0	0	0	0
13	13	24	15	19	92	63	77	26	264	255	0	0	0	0
14	14	28	15	21	81	57	69	38	392	178	0	0	0	0
15	15	37	22	29	84	38	61	49	339	217	0	0	0	0
16	16	38	21	29	80	46	63	66	435	84	0	0	0	0
17	17	46	31	38	75	32	53	126	369	205	0	0	0	0
18	18	55	39	47	76	43	59	155	386	123	0	0	0	0
19	19	42	29	35	86	53	69	64	234	185	T	0	0	0
20	20	33	26	29	84	57	70	43	188	167	0	0	0	0
21	21	40	28	34	91	44	67	57	419	107	0	0	0	0
22	22	44	30	37	96	51	73	33	103	99	45	15	0	0
23	23	36	29	32	93	60	76	42	169	136	T	0	0	0
24	24	43	30	36	73	35	54	92	463	77	0	0	0	0
25	25	50	27	38	83	42	62	74	392	114	T	T	0	0
26	26	36	26	31	87	54	70	47	307	210	0	0	0	0
27	27	42	25	33	92	45	68	53	427	137	0	0	0	0
28	28	50	32	41	73	29	51	114	476	66	0	0	0	0
29	29	56	32	44	68	27	47	179	431	120	0	0	0	0
30	30	57	36	46	66	26	46	165	442	128	0	0	0	0
31	31	56	39	47	55	19	37	246	472	85	0	0	0	0
Sums		1163	734	940	2585	1511	2038	2042	9593	4272	290	249	0	0
Average		37.5	23.7	30.3	83.4	48.7	65.7	.066	309.5	137.8	.09	.8	.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	34	28	35	28	35	29	36	29	39	28	37	28	37	28	38	25
2	2	36	27	35	28	34	28	36	29	42	28	41	28	44	29	43	29
3	3	37	27	37	28	36	29	36	29	45	28	44	28	41	29	41	28
4	4	41	28	40	28	38	29	39	29	44	27	42	28	44	29	41	29
5	5	38	29	36	29	38	30	39	31	38	28	39	29	39	29	38	29
6	6	35	28	35	28	36	30	37	30	40	28	37	28	37	29	39	29
7	7	35	26	34	27	37	28	36	28	35	26	37	26	38	28	36	27
8	8	36	26	34	26	35	27	37	28	37	26	37	27	38	27	40	27
9	9	34	24	35	24	36	26	37	26	37	24	36	24	37	26	37	26
10	10	34	27	37	27	36	28	36	29	36	26	35	27	35	27	35	28
11	11	34	24	35	25	37	26	37	27	37	25	36	25	36	26	36	26
12	12	35	26	35	26	36	28	37	28	38	26	36	26	41	27	40	28
13	13	34	26	35	27	35	28	38	28	38	27	39	27	41	28	43	23
14	14	35	27	35	27	38	28	37	29	39	27	37	27	39	28	41	28
15	15	36	27	35	28	36	29	37	29	35	27	36	28	36	28	37	29
16	16	35	28	36	28	36	29	37	29	38	27	37	28	38	28	39	28
17	17	35	28	36	29	36	30	39	30	41	28	38	29	39	30	39	29
18	18	36	28	37	28	37	28	38	30	38	28	41	28	38	0	40	29
19	19	36	28	37	29	38	30	39	30	41	29	40	29	42	30	40	30
20	20	36	28	37	28	36	29	39	29	40	28	41	28	39	29	39	30
21	21	35	27	37	28	36	29	37	29	41	28	39	27	40	28	38	29
22	22	35	28	34	29	37	30	37	30	37	28	37	28	41	29	37	29
23	23	36	27	35	27	35	28	37	29	40	27	40	28	38	28	40	28
24	24	36	27	37	28	36	29	36	29	41	28	40	28	39	28	38	29
25	25	44	27	42	28	38	30	37	30	48	28	44	28	46	29	42	30
26	26	40	28	39	29	37	30	37	30	45	28	41	29	39	30	38	30
27	27	43	29	42	29	38	31	38	31	51	29	45	30	43	31	40	31
28	28	48	30	44	31	40	32	39	33	54	30	47	31	44	32	44	33
29	29	48	31	47	32	42	33	41	34	55	31	48	32	45	33	45	34
30	30	50	33	48	34	44	36	43	36	55	32	51	34	48	36	46	36
31	31	50	35	48	35	44	36	43	37	55	34	50	35	47	36	44	36
Sums		1177	862	1169	878	1153	913	1172	925	1300	864	1248	878	1249	904	1234	902
Averages		38.0	27.8	37.7	28.3	37.2	29.5	37.8	29.8	41.9	27.9	40.3	28.3	40.3	29.2	39.8	29.1

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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	29	0		0
2	2	33	0		0
3	3	32	0		0
4	4	27	0		0
5	5	44	0		0
6	6	47	0		0
7	7	49	0		0
8	8	54	0		0
9	9	53	0		0
10	10	49	0		0
11	11	46	0		0
12	12	43	0		0
13	13	46	0		0
14	14	44	0		0
15	15	36	0		0
16	16	36	0		0
17	17	27	0		0
18	18	18	7		0
19	19	30	0		0
20	20	36	0		0
21	21	31	0		0
22	22	28	0		0
23	23	33	0		0
24	24	29	0		0
25	25	27	0		0
26	26	34	0		0
27	27	32	0		0
28	28	24	1		0
29	29	21	4		0
30	30	19	6		0
31	31	18	7		0
Sums for month		1075	25		0

5670 Accumulated heating degree days since July 1
 40 Accumulated growing degree days since Jan. 1
 537 Accumulated cooling degree days since Apr. 1