

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 2000

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	Diffz				
1	1	46	28	37	83	42	62	74	319	70	0	0	0	0
2	2	51	33	42	90	34	62	101	95	86	T	0	0	0
3	3	33	23	28	95	73	84	18	127	119	8	12	0	0
4	4	38	24	31	87	24	55	61	358	67	0	0	0	0
5	5	48	29	38	80	32	56	110	340	87	0	0	0	0
6	6	49	28	38	83	52	67	76	189	146	0	0	0	0
7	7	47	30	38	86	39	62	73	357	64	0	0	0	0
8	8	62	33	47	94	37	65	122	217	124	12	0	0	0
9	9	75	53	64	84	46	65	239	316	120	0	0	0	0
10	10	74	23	48	96	41	68	90	200	128	18	0	0	0
11	11	26	22	24	93	73	83	17	74	73	0	0	0	0
12	12	31	26	28	97	89	93	8	48	46	30	30	0	0
13	13	33	26	29	97	48	72	42	133	122	T	T	0	0
14	14	38	27	32	86	44	65	59	369	327	0	0	0	0
15	15	50	33	41	88	50	69	77	268	259	T	0	0	0
16	16	56	37	46	93	46	69	116	141	137	2	0	0	0
17	17	44	23	33	96	79	87	8	32	30	53	57	0	0
18	18	27	9	18	82	32	57	47	378	368	0	0	0	0
19	19	33	17	25	70	27	48	81	475	459	0	0	0	0
20	20	44	29	36	77	49	63	90	437	428	0	0	0	0
21	21	55	38	46	72	26	49	145	350	343	0	0	0	0
22	22	55	40	47	95	54	74	64	220	183	T	0	0	0
23	23	56	37	46	95	61	78	59	212	173	0	0	0	0
24	24	58	35	46	94	53	73	74	218	185	0	0	0	0
25	63	39	51	86	29	57	176	436	61	0	0	0	0	0
26	26	72	39	55	77	39	58	239	262	166	0	0	0	0
27	27	50	33	41	95	28	61	98	389	173	0	0	0	0
28	28	59	37	48	94	41	67	71	153	137	13	0	0	0
29	29	49	33	41	90	66	78	48	218	130	6	0	0	0
30	30	39	35	37	91	62	76	60	62	59	T	0	0	0
31	31	45	33	39	81	33	57	100	238	166	T	0	0	0
Sums		1506	952	1220	2727	1449	2080	2643	7631	5036	142	99	0	0
Average		48.6	30.7	39.4	88.0	46.7	67.1	.085	46.2	162.5	.05	.3	.0	.000

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Soil Temperature F

Mo. Day	Cl. Day	Sod								Bare							
		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	1	48	29	45	30	40	33	40	34	49	30	46	31	42	32	40	33
2	2	43	31	43	32	41	34	42	34	44	31	44	32	43	33	42	33
3	3	37	30	38	31	39	32	40	33	38	29	38	31	39	31	40	33
4	4	36	30	36	30	37	31	38	32	39	29	43	29	38	31	39	32
5	5	39	29	38	30	37	32	38	32	43	29	40	30	38	31	38	32
6	6	43	30	41	31	39	32	39	32	45	30	42	31	41	32	39	32
7	7	49	29	47	30	41	33	40	33	51	29	46	30	43	32	40	33
8	8	50	30	46	30	43	34	43	34	52	30	48	31	46	33	43	33
9	9	61	40	57	39	49	39	48	38	63	42	57	40	51	39	48	39
10	10	59	32	55	35	50	39	49	40	61	32	56	35	54	38	51	39
11	11	39	30	40	32	44	34	45	35	39	30	40	31	44	33	44	34
12	12	36	30	36	30	39	32	40	33	36	29	36	30	38	32	39	33
13	13	36	30	36	30	38	32	39	33	39	29	37	30	38	31	39	32
14	14	36	29	37	29	38	31	39	31	38	28	37	28	38	30	39	31
15	15	46	30	44	30	40	32	40	33	49	30	46	30	42	31	40	32
16	16	47	32	46	32	42	33	43	33	50	32	46	32	44	32	43	33
17	17	43	30	42	31	42	33	42	33	43	29	43	30	43	32	42	33
18	18	37	28	37	28	39	30	40	31	35	28	37	28	39	30	40	30
19	19	36	28	37	28	39	30	39	31	36	27	37	27	38	29	39	30
20	20	42	30	41	31	38	33	39	33	44	30	41	31	40	32	39	32
21	21	51	33	46	33	42	34	41	34	52	32	48	33	44	33	41	33
22	22	53	34	48	34	44	35	43	35	53	35	50	34	47	35	44	35
23	23	53	36	51	37	46	38	45	38	56	36	52	38	49	39	46	38
24	24	54	35	51	36	47	39	46	39	57	34	52	36	50	39	46	39
25	25	61	38	57	38	49	40	47	40	63	37	58	39	52	40	48	40
26	26	59	38	55	40	51	42	49	42	60	38	56	40	52	42	50	42
27	27	54	32	52	34	49	39	48	40	56	32	53	34	51	37	49	39
28	28	50	36	47	37	46	39	46	40	52	37	48	36	47	38	46	39
29	29	51	35	49	36	46	38	46	39	52	34	50	36	49	38	46	38
30	30	41	32	41	33	43	36	44	36	42	32	42	33	43	35	45	36
31	31	47	31	46	33	43	36	43	37	49	30	46	33	45	35	44	36
Sums		1437	987	1385	1010	1321	1075	1321	1088	1486	980	1415	1009	1368	1055	1329	1074
Averages		46.4	31.8	44.7	32.6	42.6	34.7	42.6	35.1	47.9	31.6	45.6	32.5	44.1	34.0	42.9	34.6

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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	28	0		0
2	2	23	2		0
3	3	37	0		0
4	4	34	0		0
5	5	27	0		0
6	6	27	0		0
7	7	27	0		0
8	8	18	7		0
9	9	1	24		0
10	10	17	8		0
11	11	41	0		0
12	12	37	0		0
13	13	36	0		0
14	14	33	0		0
15	15	24	1		0
16	16	19	6		0
17	17	32	0		0
18	18	47	0		0
19	19	40	0		0
20	20	29	0		0
21	21	19	6		0
22	22	18	7		0
23	23	19	6		0
24	24	19	6		0
25	25	14	11		0
26	26	10	15		0
27	27	24	1		0
28	28	17	8		0
29	29	24	1		0
30	30	28	0		0
31	31	26	0		0
Sums for month		795	109		0
5595	Accumulated heating degree days since July 1				
150	Accumulated growing degree days since Jan. 1				
1146	Accumulated cooling degree days since Apr. 1				