

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

April

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	32	72	39	55	81	9	45	340	444	106	2	0	0	0
2	33	58	41	49	96	81	88	45	152	139	8	0	0	0
3	34	62	41	51	96	70	83	44	228	174	0	0	0	0
4	35	74	35	54	94	48	71	139	238	155	22	0	0	0
5	36	64	28	46	88	41	64	77	268	221	0	0	0	0
6	37	53	30	41	90	35	62	105	520	50	0	0	0	0
7	38	62	37	49	91	28	59	163	309	146	7	0	0	0
8	39	58	43	50	72	34	53	181	472	106	1	0	0	0
9	40	66	37	51	74	26	50	184	494	73	0	0	95	344
10	41	66	32	49	90	51	70	68	97	72	10	0	93	98
11	42	43	27	35	88	41	64	85	530	92	0	0	67	44
12	43	44	32	38	96	50	73	35	150	112	53	5	100	8
13	44	48	31	39	77	34	55	103	557	61	0	0	170	113
14	45	52	34	43	60	19	39	159	562	58	0	0	184	204
15	46	58	38	48	61	14	37	235	561	61	0	0	158	321
16	47	58	39	48	91	19	55	205	343	190	T	0	43	142
17	48	49	38	43	96	74	85	36	107	96	50	0	78	14
18	49	49	38	43	89	62	75	61	222	175	1	0	49	37
19	50	54	41	47	87	44	65	93	374	160	2	0	93	83
20	51	50	33	41	95	65	80	41	195	173	9	0	45	26
21	52	53	33	43	87	42	64	94	321	178	0	0	54	92
22	53	61	38	49	92	30	61	158	475	172	T	0	46	151
23	54	49	39	44	96	76	86	18	70	66	67	0	44	9
24	55	44	30	37	86	40	63	83	173	113	9	0	115	111
25	56	46	33	39	69	27	48	121	606	70	0	0	113	198
26	57	60	39	49	55	22	38	262	558	142	0	0	118	217
27	58	64	34	49	79	21	50	180	591	74	0	0	134	274
28	59	51	35	43	86	43	64	112	611	63	0	0	69	185
29	60	58	36	47	76	31	53	179	585	95	0	0	72	191
30	61	61	39	50	68	19	43	246	593	78	0	0	96	260
Sums		1687	1070	1370	2506	1196	1843	3852	11406	3471	241	5	2036	3122
Average		56.2	35.7	45.7	83.5	39.9	61.4	.128	380.2	115.7	.08	0.0	67.9	.104

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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	32	54	38	52	38	46	38	45	38	63	39	56	39	51	38	46	39
2	33	53	41	50	40	47	40	46	39	56	42	52	40	50	41	49	39
3	34	56	44	52	43	49	42	48	41	60	44	56	44	52	43	50	42
4	35	59	42	56	43	52	44	50	44	63	41	57	44	55	45	52	44
5	36	50	33	49	35	50	38	49	39	55	31	52	34	50	37	49	38
6	37	55	34	52	36	48	39	47	40	60	32	55	35	50	38	48	38
7	38	52	39	50	40	48	41	48	40	55	39	50	38	50	40	49	40
8	39	56	41	53	41	50	42	50	42	62	41	56	42	53	42	49	42
9	40	59	40	55	41	51	43	50	43	66	39	58	40	55	42	51	43
10	41	46	34	46	36	47	38	47	40	46	32	47	35	48	37	47	39
11	42	53	33	51	34	47	38	46	39	58	31	54	33	50	36	48	38
12	43	43	34	42	35	44	37	44	38	44	32	44	34	43	36	43	37
13	44	52	32	49	34	46	37	45	38	55	31	51	34	48	36	47	37
14	45	52	33	50	34	46	36	46	38	58	33	51	34	49	36	48	38
15	46	53	36	50	36	46	38	46	39	60	34	52	37	52	38	47	39
16	47	56	38	52	39	48	40	47	41	59	38	54	39	50	40	48	40
17	48	47	38	47	39	46	40	46	40	49	37	47	38	47	39	46	40
18	49	48	37	47	38	47	40	46	40	50	36	48	38	47	39	55	35
19	50	54	40	52	40	48	40	47	41	57	39	53	39	50	40	55	35
20	51	51	37	49	38	47	40	47	41	53	35	50	38	49	39	48	35
21	52	53	36	51	37	47	40	47	41	55	34	53	36	50	38	54	30
22	53	60	42	55	40	50	41	49	42	64	42	57	39	53	40	58	37
23	54	51	42	50	42	49	43	49	43	52	41	50	42	50	43	54	36
24	55	47	32	46	34	47	38	48	39	48	32	47	33	47	36	55	39
25	56	55	34	52	36	48	38	46	40	58	32	53	34	50	37	64	32
26	57	57	38	54	38	49	40	48	41	62	37	56	37	51	38	49	37
27	58	59	38	55	39	50	42	50	42	66	36	58	38	53	40	50	42
28	59	61	38	57	40	50	43	50	44	66	36	59	39	54	42	55	42
29	60	61	40	57	42	53	44	51	44	67	39	60	42	55	43	54	40
30	61	60	41	57	42	53	45	51	46	67	40	61	42	56	44	55	43
Sums		1613	1125	1538	1150	1449	1205	1429	1223	1734	1095	1597	1137	1518	1183	1523	1156
Averages		53.8	37.5	51.3	38.3	48.3	40.2	47.6	40.8	57.8	36.5	53.2	37.9	50.6	39.4	50.8	38.5

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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	32	10	15		0
2	33	16	9		0
3	34	14	11		0
4	35	11	14		0
5	36	19	6		0
6	37	24	1		0
7	38	16	9		0
8	39	15	10		0
9	40	14	11		0
10	41	16	9		0
11	42	30	0		0
12	43	27	0		0
13	44	26	0		0
14	45	22	3		0
15	46	17	8		0
16	47	17	8		0
17	48	22	3		0
18	49	22	3		0
19	50	18	7		0
20	51	24	1		0
21	52	22	3		0
22	53	16	9		0
23	54	21	4		0
24	55	28	0		0
25	56	26	0		0
26	57	16	9		0
27	58	16	9		0
28	59	22	3		0
29	60	18	7		0
30	61	15	10		0
Sums for month		580	182		0

6250 Accumulated heating degree days since July 1
 222 Accumulated growing degree days since Jan. 1
 537 Accumulated cooling degree days since Apr. 1