

**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 2002**

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	32	56	38	47	98	28	63	127	395	342	9	0	0	0
2	33	55	30	42	89	60	74	54	194	168	T	0	0	0
3	34	51	34	42	98	57	77	40	112	96	53	0	0	0
4	35	40	28	34	100	70	85	29	177	151	8	0	0	
5	36	37	26	31	98	49	73	41	334	285	2	0	0	
6	37	35	26	30	100	61	80	24	302	255	4	20	0	0
7	38	35	24	29	81	37	59	71	561	493	0	0	0	0
8	39	47	28	37	73	32	52	153	364	318	0	0	0	0
9	40	60	43	51	87	54	70	137	183	159	T	0	0	0
10	41	67	39	53	93	54	73	101	127	111	27	0	0	0
11	42	54	32	43	94	38	66	81	502	449	0	0	0	0
12	43	70	35	52	85	21	53	236	575	514	0	0	0	0
13	44	69	45	57	91	42	66	176	468	412	T	0	0	0
14	45	59	47	53	100	87	93	9	81	71	74	0	0	0
15	46	66	48	57	100	71	85	30	289	251	55	0	0	0
16	47	77	55	66	96	44	70	187	466	411	T	0	0	0
17	48	86	59	72	88	*	*	324	557	498	0	0	0	0
18	49	88	63	75	80	32	56	413	568	509	0	0	0	0
19	50	83	61	72	86	34	60	314	560	507	0	0	0	0
20	51	82	45	63	86	37	61	230	468	167	0	0	0	0
21	52	54	33	43	86	48	67	99	435	189	0	0	0	0
22	53	40	34	37	99	34	66	92	346	237	2	0	0	0
23	54	38	31	34	100	74	87	14	170	109	7	0	0	0
24	55	47	30	38	83	31	57	109	576	131	0	0	0	0
25	56	58	35	46	90	27	58	213	623	68	0	0	0	0
26	57	50	34	42	94	39	66	55	270	138	23	0	0	0
27	58	47	29	38	100	*	*	*	444	210	0	0	0	0
28	59	53	36	44	98	27	62	*	587	118	26	0	0	0
29	60	58	32	45	100	*	*	*	185	122	40	0	0	0
30	61	40	33	36	100	*	*	*	127	99	T	0	0	0
Sums		1702	1133	1409	2773	1188	1779	3359	11046	7588	330	20	0	0
Average		56.7	37.8	47.0	92.4	45.7	68.4	.129	368.2	252.9	.11	.1	.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	32	55	36	53	37	48	40	47	40	57	37	53	37	50	39	47	40
2	33	46	34	45	35	45	38	45	39	47	34	46	35	46	37	46	39
3	34	45	36	44	36	43	38	43	39	46	36	45	35	44	37	44	38
4	35	45	32	44	34	44	37	44	38	46	32	45	34	45	36	44	38
5	36	42	32	42	34	42	36	42	37	44	32	43	34	42	35	42	36
6	37	44	32	43	33	42	36	42	37	45	32	44	33	43	34	42	36
7	38	46	32	44	33	42	35	42	36	48	31	45	32	43	34	42	36
8	39	46	32	44	32	42	35	43	36	46	31	44	32	43	34	42	35
9	40	49	38	48	37	45	38	45	38	50	38	48	37	47	37	45	37
10	41	56	40	54	40	49	42	48	41	57	40	54	40	51	42	48	41
11	42	58	37	54	38	50	42	49	42	58	37	55	39	52	40	49	42
12	43	58	40	54	39	50	41	49	42	61	40	56	41	53	41	50	41
13	44	59	43	56	43	52	44	50	44	64	46	59	44	55	44	52	44
14	45	57	48	56	48	53	48	52	47	59	48	57	48	56	48	52	47
15	46	62	49	58	48	54	48	53	47	63	49	60	48	57	48	54	47
16	47	70	54	65	52	59	50	57	50	73	54	67	54	61	52	58	49
17	48	74	56	70	56	61	55	58	54	76	57	70	57	65	56	60	54
18	49	75	60	71	58	64	57	60	56	80	61	75	59	68	58	62	57
19	50	77	60	73	60	66	59	62	58	84	60	77	61	70	61	64	59
20	51	71	52	69	53	64	56	63	56	79	51	73	54	68	56	64	57
21	52	63	43	61	46	59	50	59	51	66	41	64	44	61	48	60	51
22	53	56	42	55	44	55	48	55	49	58	40	57	43	56	46	55	48
23	54	48	37	49	39	50	43	52	45	49	34	49	38	50	41	52	44
24	55	55	38	54	40	51	43	51	44	58	35	54	38	53	41	51	44
25	56	62	41	59	41	54	43	53	45	68	42	62	40	57	41	53	44
26	57	54	38	53	40	51	43	51	45	57	36	54	39	52	42	52	44
27	58	54	37	53	39	50	42	50	44	57	34	53	37	51	40	50	43
28	59	60	41	57	40	53	42	52	44	65	40	59	40	56	41	53	43
29	60	56	41	55	42	52	45	52	46	60	39	55	41	54	44	52	45
30	61	46	40	47	41	48	42	49	44	46	37	46	39	48	41	49	42
Sums		1689	1241	1630	1258	1538	1316	1518	1334	1767	1224	1669	1253	1597	1294	1534	1321
Averages		56.3	41.4	54.3	41.9	51.3	43.9	50.6	44.5	58.9	40.8	55.6	41.8	53.2	43.1	51.1	44.0

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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	18	7		0
2	33	23	2		0
3	34	23	2		0
4	35	31	0		0
5	36	34	0		0
6	37	35	0		0
7	38	36	0		0
8	39	28	0		0
9	40	14	11		0
10	41	12	13		0
11	42	22	3		0
12	43	13	12		0
13	44	8	17		0
14	45	12	13		0
15	46	8	17		0
16	47	0	26		1
17	48	0	32		7
18	49	0	35		10
19	50	0	32		7
20	51	2	23		0
21	52	22	3		0
22	53	28	0		0
23	54	31	0		0
24	55	27	0		0
25	56	19	6		0
26	57	23	2		0
27	58	27	0		0
28	59	21	4		0
29	60	20	5		0
30	61	29	0		0
Sums for month		566	265		25

5634 Accumulated heating degree days since July 1

337 Accumulated growing degree days since Jan. 1

25 Accumulated cooling degree days since Apr. 1