

## 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

2012

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	40	35	37	30	15	22	18	386	129	0	0	0	
2	33	41	32	36	26	12	19	2	80	79	26	0	0	
3	34	49	32	40	27	10	18	18	101	93	0	0	0	
4	35	55	33	44	0	0	0	0	0	0	0	0	0	
5	36	56	33	44	0	0	0	0	0	0	0	0	0	
6	37	43	31	37	0	0	0	0	0	0	0	0	0	
7	38	48	32	40	0	0	0	0	0	0	0	0	0	
8	39	53	35	44	0	0	0	0	0	0	0	0	0	
9	40	62	37	49	0	0	0	0	0	0	0	0	0	
10	41	55	38	46	0	0	0	0	0	0	0	0	0	
11	42	51	34	42	0	0	0	0	0	0	2	0	0	
12	43	49	35	42	0	0	0	0	0	0	6	0	0	
13	44	52	35	43	0	0	0	0	0	0	0	0	0	
14	45	60	35	47	0	0	0	0	0	0	0	0	0	
15	46	67	39	53	0	0	0	0	0	0	0	0	0	
16	47	70	54	62	0	0	0	0	0	0	2	0	0	
17	48	87	46	66	0	0	0	0	0	0	0	0	0	
18	49	57	30	43	0	0	0	0	0	0	0	0	0	
19	50	53	33	43	0	0	0	0	0	0	0	0	0	
20	51	73	45	59	0	0	0	0	0	0	0	0	0	
21	52	77	45	61	0	0	0	0	0	0	1	0	0	
22	53	46	37	41	0	0	0	0	0	0	75	0	0	
23	54	40	31	35	0	0	0	0	0	0	65	0	0	
24	55	36	32	34	0	0	0	0	0	0	42	0	0	
25	56	46	35	40	0	0	0	0	0	0	4	0	0	
26	57	52	32	42	0	0	0	0	0	0	0	0	0	
27	58	56	32	44	0	0	0	0	0	0	16	0	0	
28	59	42	27	34	0	0	0	0	0	0	0	0	0	
29	60	50	31	40	0	0	0	0	0	0	0	0	0	
30	61	53	29	41	29	16	22	2	499	0	0	0	0	
Sums		1619	1055	1329	112	53	81	40	1066	301	239	0	0	
Average		54.0	35.2	44.3	3.7	1.8	2.7	0.001	35.5	10.0	0.08	0.0	0.0	

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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	40	32	40	33	41	35	41	35	40	31	39	32	39	33	40	34
2	33	40	30	40	32	39	34	40	34	41	28	39	30	39	33	39	34
3	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	60	49	32	47	32	42	33	41	35	56	29	53	29	48	31	43	34
30	61	50	31	49	32	44	36	43	36	58	28	55	30	50	33	45	36
Sums		179	125	176	129	166	138	165	140	195	116	186	121	176	130	167	138
Averages		6.0	4.2	5.9	4.3	5.5	4.6	5.5	4.7	6.5	3.9	6.2	4.0	5.9	4.3	5.6	4.6

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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	32	28	0		0
2	33	29	0		0
3	34	25	0		0
4	35	21	4		0
5	36	21	4		0
6	37	28	0		0
7	38	25	0		0
8	39	21	4		0
9	40	16	9		0
10	41	19	6		0
11	42	23	2		0
12	43	23	2		0
13	44	22	3		0
14	45	18	7		0
15	46	12	13		0
16	47	3	22		0
17	48	0	26		1
18	49	22	3		0
19	50	22	3		0
20	51	6	19		0
21	52	4	21		0
22	53	24	1		0
23	54	30	0		0
24	55	31	0		0
25	56	25	0		0
26	57	23	2		0
27	58	21	4		0
28	59	31	0		0
29	60	25	0		0
30	61	24	1		0
Sums for month		622	156		1

5470 Accumulated heating degree days since July 1  
435 Accumulated growing degree days since Jan. 1  
1 Accumulated cooling degree days since Apr. 1