

## 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

Feb

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	338	55	35	45	95	56	75	12	159	94	0	0	0	0
2	339	54	34	44	95	75	85	4	123	83	0	0	0	0
3	340	33	27	30	97	77	87	2	37	34	0	0	0	0
4	341	37	29	33	96	79	87	3	80	78	0	0	0	0
5	342	39	25	32	98	61	79	3	183	125	0	0	0	0
6	343	33	26	29	96	67	81	3	109	107	0	0	0	0
7	344	51	28	39	89	0	44	9	235	33	0	0	0	0
8	345	35	20	27	100	81	90	1	48	48	0	0	0	0
9	346	29	21	25	93	68	80	3	113	108	0	0	0	0
10	347	42	22	32	91	44	67	6	249	42	0	0	0	0
11	348	35	26	30	100	56	78	3	147	133	1	2	0	0
12	349	27	13	20	100	80	90	0	98	90	12	40	0	0
13	350	27	17	22	98	71	84	2	152	151	0	0	0	0
14	351	38	27	32	73	37	55	8	271	48	0	0	0	0
15	352	35	29	32	100	62	81	2	144	144	0	0	0	0
16	353	38	28	33	100	73	86	2	69	65	0	0	0	0
17	354	42	32	37	100	82	91	1	51	50	9	0	0	0
18	355	42	28	35	100	60	80	4	184	113	0	2	0	0
19	356	42	28	35	100	68	84	2	141	126	2	5	0	0
20	357	32	24	28	90	69	79	3	136	104	0	0	0	0
21	358	36	22	29	96	52	74	4	288	50	0	0	0	0
22	359	41	27	34	97	52	74	5	106	88	0	0	0	0
23	360	48	31	39	100	56	78	2	153	85	13	1	0	0
24	361	42	30	36	100	69	84	2	198	134	4	3	0	0
25	362	43	31	37	100	67	83	3	45	44	4	0	0	0
26	363	31	22	26	100	55	77	3	155	153	5	20	0	0
27	364	34	23	28	88	60	74	4	282	133	0	0	0	0
28	365	52	29	40	84	39	61	8	150	89	0	0	0	0
29	366	34	27	30	91	63	77	3	223	161	0	0	0	0
Sums		1127	761	939	2767	1779	2265	107	4329	2713	50	73	0	0
Average		38.9	26.2	32.4	95.4	61.3	78.1	0.004	149.3	93.6	0.02	0.3	0.0	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	338	36	25	35	25	33	26	32	26	38	26	36	26	35	26	33	26
2	339	44	26	42	27	37	28	36	29	47	26	43	27	40	28	37	29
3	340	30	20	30	21	32	23	33	24	30	20	30	21	32	23	32	24
4	341	28	22	28	22	28	24	29	25	28	22	28	23	28	24	28	25
5	342	35	23	34	24	32	25	31	26	38	23	36	24	34	25	32	25
6	343	33	20	32	21	31	23	32	24	33	20	32	21	31	23	31	23
7	344	36	24	34	24	32	26	32	26	38	24	37	24	34	26	32	26
8	345	30	16	30	16	31	19	31	20	30	15	30	17	31	18	31	19
9	346	25	17	25	17	27	20	28	21	25	15	26	18	27	19	28	20
10	347	27	18	28	18	29	20	30	21	30	16	29	19	29	20	30	21
11	348	27	19	28	20	29	21	30	22	27	20	28	20	29	21	30	22
12	349	25	14	26	15	27	16	28	17	26	15	26	15	27	16	28	17
13	350	25	14	26	14	27	16	28	16	25	14	26	15	27	16	28	16
14	351	28	18	29	19	30	20	30	20	28	19	29	19	30	20	30	20
15	352	30	23	30	23	31	24	32	25	30	22	30	23	31	24	31	24
16	353	28	21	28	21	29	22	29	22	28	20	27	20	29	22	29	22
17	354	31	21	31	21	32	22	33	22	31	20	31	21	32	21	32	22
18	355	32	20	32	21	30	22	30	22	33	20	32	20	31	22	31	23
19	356	31	20	31	21	32	22	33	23	30	20	31	20	32	22	32	23
20	357	29	18	28	19	28	20	28	21	30	18	28	19	28	20	28	21
21	358	32	18	31	19	32	21	32	22	35	19	34	20	31	21	32	22
22	359	32	23	32	23	34	24	35	25	31	23	33	23	34	24	34	24
23	360	35	23	35	23	32	25	32	25	38	22	36	23	34	24	32	25
24	361	37	24	35	24	32	25	32	25	32	23	39	23	36	25	32	25
25	362	37	21	36	21	35	24	36	24	38	22	37	22	36	24	35	24
26	363	29	17	29	18	30	19	31	20	28	17	29	18	30	19	31	19
27	364	30	21	30	21	32	22	32	23	30	20	30	21	31	22	31	23
28	365	34	19	33	20	32	22	33	22	36	20	35	20	34	22	33	22
29	366	33	20	32	20	31	22	32	23	36	20	33	21	32	22	31	22
Sums		909	585	900	598	897	643	910	661	929	581	921	603	915	639	904	654
Averages		31.3	20.2	31.0	20.6	30.9	22.2	31.4	22.8	32.0	20.0	31.8	20.8	31.6	22.0	31.2	22.6

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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	338	20	5		0
2	339	21	4		0
3	340	35	0		0
4	341	32	0		0
5	342	33	0		0
6	343	36	0		0
7	344	26	0		0
8	345	38	0		0
9	346	40	0		0
10	347	33	0		0
11	348	35	0		0
12	349	45	0		0
13	350	43	0		0
14	351	33	0		0
15	352	33	0		0
16	353	32	0		0
17	354	28	0		0
18	355	30	0		0
19	356	30	0		0
20	357	37	0		0
21	358	36	0		0
22	359	31	0		0
23	360	26	0		0
24	361	29	0		0
25	362	28	0		0
26	363	39	0		0
27	364	37	0		0
28	365	25	0		0
29	366	35	0		0
Sums for month		946	9		0
4235	Accumulated heating degree days since July 1				
12	Accumulated growing degree days since Jan. 1				
639	Accumulated cooling degree days since Apr. 1				