

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

February 2013

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	33	17	25	100	95	97	0	100	93	2	13	0	0
2	339	21	13	17	100	100	100	0	149	139	0	1	0	0
3	340	20	9	14	100	100	100	0	157	143	0	0	0	0
4	341	26	9	17	100	95	97	0	156	144	0	0	0	0
5	342	22	13	17	100	99	99	0	179	165	0	0	0	0
6	343	27	12	19	100	100	100	0	205	186	0	0	0	0
7	344	26	10	18	100	97	98	0	221	204	0	0	0	0
8	345	32	18	25	100	100	100	0	173	161	0	0	0	0
9	346	35	15	25	100	100	100	0	40	36	51	8	0	0
10	347	20	4	12	100	100	100	0	160	142	0	0	0	0
11	348	36	7	21	100	100	100	0	226	203	0	0	0	0
12	349	42	33	37	100	100	100	0	167	154	2	0	0	0
13	350	36	28	32	100	100	100	0	94	84	0	0	0	0
14	351	37	24	30	100	100	100	0	206	187	0	0	0	0
15	352	39	28	33	100	100	100	0	226	208	0	0	0	0
16	353	38	22	30	100	100	100	0	118	107	4	0	0	0
17	354	38	15	26	100	100	100	0	150	136	0	0	0	0
18	355	16	10	13	100	100	100	0	214	19	T	0	0	0
19	356	34	12	23	100	100	100	0	305	272	0	0	0	0
20	357	39	19	29	100	100	100	0	63	57	5	25	0	0
21	358	24	13	18	100	100	100	0	213	195	5	10	0	0
22	359	22	13	17	100	100	100	0	206	187	0	0	0	0
23	360	34	19	26	100	100	100	0	141	127	1	0	0	0
24	361	38	30	34	100	100	100	0	83	74	0	0	0	0
25	362	32	28	30	100	100	100	0	141	128	0	0	0	0
26	363	37	24	30	100	100	100	0	206	187	0	0	0	0
27	364	41	26	33	100	100	100	0	269	242	65	43	0	0
28	365	36	31	33	100	100	100	0	89	78	41	0	0	0
Sums		881	502	684	2800	2786	2791	0	4657	4058	183	100	0	0
Average		31.5	17.9	24.4	100.0	99.5	99.7	0.000	166.3	144.9	0.07	0.4	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	45	38	45	39	47	41	48	42	46	39	46	40	47	41	48	42
2	339	46	39	46	40	48	41	48	42	47	40	47	40	48	41	48	41
3	340	47	35	47	36	49	37	49	38	48	36	48	36	49	37	49	37
4	341	47	37	47	37	48	39	49	40	47	38	48	38	49	39	49	39
5	342	47	41	47	41	48	42	49	43	47	41	48	42	48	43	49	43
6	343	47	39	47	39	49	41	49	41	48	39	48	40	49	40	49	41
7	344	46	39	46	40	48	41	49	42	47	40	47	40	48	41	49	42
8	345	46	33	46	33	48	35	48	35	47	33	47	34	48	34	48	35
9	346	46	34	46	34	48	35	48	36	47	34	47	34	48	35	48	35
10	347	47	41	47	41	49	42	50	43	48	41	48	42	49	43	49	43
11	348	45	34	45	34	46	35	47	36	46	34	45	34	46	35	47	35
12	349	41	34	41	35	43	36	42	34	42	35	43	35	43	35	43	36
13	350	42	38	42	38	44	39	44	40	43	38	43	39	44	40	43	40
14	351	42	37	43	37	44	38	44	39	43	37	43	37	44	38	44	38
15	352	42	34	42	34	43	35	44	36	42	34	43	34	43	35	44	35
16	353	43	38	43	38	44	39	45	40	43	38	44	39	44	39	44	40
17	354	44	41	44	41	46	43	47	43	45	42	45	42	46	43	46	43
18	355	44	38	44	38	46	40	46	40	45	38	45	39	46	40	47	40
19	356	44	33	45	33	46	35	47	35	45	33	45	34	47	34	47	35
20	357	42	34	43	34	43	35	45	36	43	34	43	34	44	35	44	35
21	358	42	38	42	38	44	40	45	40	43	38	43	39	44	40	44	40
22	359	44	38	44	38	45	39	46	40	43	37	45	38	46	39	46	39
23	360	43	33	44	33	45	34	46	35	42	33	44	33	45	34	45	34
24	361	41	34	41	34	43	35	43	35	42	33	42	34	43	35	43	35
25	362	41	38	41	38	42	40	43	40	41	38	41	39	42	40	43	40
26	363	43	38	43	38	45	39	45	40	44	38	44	39	45	38	45	40
27	364	43	33	44	33	45	34	45	35	44	33	44	33	45	34	45	34
28	365	41	38	41	39	43	40	43	40	42	39	42	39	43	40	45	40
Sums		1231	1027	1236	1003	1279	1070	1294	1086	1250	1033	1258	1047	1283	1068	1291	1077
Averages		44.0	36.7	44.1	35.8	45.7	38.2	46.2	38.8	44.6	36.9	44.9	37.4	45.8	38.1	46.1	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	338	40	0		0
2	339	48	0		0
3	340	51	0		0
4	341	48	0		0
5	342	48	0		0
6	343	46	0		0
7	344	47	0		0
8	345	40	0		0
9	346	40	0		0
10	347	53	0		0
11	348	44	0		0
12	349	28	0		0
13	350	33	0		0
14	351	35	0		0
15	352	32	0		0
16	353	35	0		0
17	354	39	0		0
18	355	52	0		0
19	356	42	0		0
20	357	36	0		0
21	358	47	0		0
22	359	48	0		0
23	360	39	0		0
24	361	31	0		0
25	362	35	0		0
26	363	35	0		0
27	364	32	0		0
28	365	32	0		0
Sums for month		1136	0		0
4669	Accumulated heating degree days since July 1				
23	Accumulated growing degree days since Jan. 1				
699	Accumulated cooling degree days since Apr. 1				