

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 2011

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	17	2	9	96	52	74	0	216	95	2	10	0	0
2	339	21	11	16	100	94	97	0	88	83	45	20	0	0
3	340	38	12	25	100	80	90	0	84	79	1	10	0	0
4	341	28	11	19	80	49	64	248	0	44	0	0	0	0
5	342	33	12	22	71	32	51	0	247	110	0	0	0	0
6	343	34	26	30	100	50	75	0	94	90	47	20	0	0
7	344	35	27	31	94	77	85	0	155	145	0	0	0	0
8	345	36	16	26	100	83	91	0	73	67	22	23	0	0
9	346	16	4	10	91	60	75	0	202	147	T	T	0	0
10	347	28	4	16	90	29	59	0	236	81	T	T	0	0
11	348	17	-8	4	90	50	70	0	278	52	0	0	0	0
12	349	29	6	17	77	0	38	0	221	115	0	0	0	0
13	350	30	6	18	98	54	76	0	168	133	T	2	0	0
14	351	49	23	36	96	51	73	0	174	170	0	0	0	0
15	352	47	12	29	100	58	79	0	148	124	2	0	0	0
16	353	28	13	20	78	50	64	0	279	81	0	0	0	0
17	354	41	26	33	90	48	69	0	111	107	0	0	0	0
18	355	52	38	45	93	65	79	0	137	121	T	0	0	0
19	356	57	23	40	100	25	62	0	243	85	2	7	0	0
20	357	24	16	20	99	74	86	0	124	116	3	25	0	0
21	358	28	15	21	100	57	78	0	266	119	27	42	0	0
22	359	28	7	17	97	66	81	0	189	182	0	0	0	0
23	360	19	-4	7	96	62	79	0	305	116	0	0	0	0
24	361	29	-2	13	88	32	60	0	368	64	0	0	0	0
25	362	37	25	31	100	71	85	0	105	98	25	30	0	0
26	363	37	11	24	100	78	89	0	112	105	26	20	0	0
27	364	30	15	22	100	68	84	208	6	202	0	10	0	0
28	365	51	29	40	100	68	84	0	216	199	38	0	0	0
Sums		919	376	641	2624	1583	2097	456	4845	3130	240	219	0	0
Average		32.8	13.4	22.9	93.7	56.5	74.9	0.016	173.0	111.8	0.09	0.8	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	26	14	26	14	27	16	28	16	26	15	27	15	27	16	28	16
2	339	27	15	27	16	28	17	29	17	27	16	28	16	29	17	29	17
3	340	27	13	28	13	29	15	29	15	28	13	28	14	29	15	29	15
4	341	25	13	25	13	26	14	27	15	25	13	25	14	26	14	26	15
5	342	29	12	29	13	30	14	31	15	29	13	29	13	30	14	30	14
6	343	28	17	29	18	30	19	30	19	28	18	29	18	30	19	30	19
7	344	27	18	27	18	28	19	28	19	27	18	27	18	28	19	28	19
8	345	29	17	29	17	30	18	30	19	29	17	29	18	30	18	30	19
9	346	26	14	26	14	27	16	28	16	27	15	27	15	28	16	27	16
10	347	33	12	33	12	34	13	34	14	32	13	33	12	34	14	34	14
11	348	23	8	23	8	25	10	25	10	24	9	24	9	25	10	26	10
12	349	29	14	29	14	30	15	30	16	29	14	29	15	30	15	30	16
13	350	29	13	29	13	30	15	30	15	29	14	29	14	30	15	30	15
14	351	31	23	31	24	32	24	32	25	31	24	31	24	32	25	32	25
15	352	24	10	25	10	26	12	26	12	25	11	26	11	26	12	27	12
16	353	30	12	30	12	32	13	32	14	31	12	31	13	32	14	32	14
17	354	33	21	33	21	34	21	34	22	33	21	33	21	34	22	35	23
18	355	28	24	28	24	29	25	30	26	28	24	28	24	29	25	29	25
19	356	29	18	29	18	29	20	29	21	33	18	31	19	29	20	29	20
20	357	23	12	24	13	25	14	25	14	23	13	24	13	25	14	25	14
21	358	27	15	27	15	28	17	28	17	27	16	27	16	28	17	28	18
22	359	25	17	25	17	26	18	26	18	25	17	25	17	26	18	26	18
23	360	24	7	24	7	25	9	25	9	24	8	25	9	25	9	26	10
24	361	28	14	28	14	29	15	30	15	29	14	29	14	29	15	29	15
25	362	29	18	29	18	30	19	31	20	29	18	30	18	30	19	30	19
26	363	25	13	25	14	26	15	26	15	25	14	26	14	26	15	27	15
27	364	28	18	28	18	29	19	30	19	28	18	29	18	29	19	29	19
28	365	31	19	31	19	32	20	32	21	31	19	31	19	32	20	32	20
Sums		773	421	777	427	806	462	815	474	782	435	790	441	808	466	813	472
Averages		27.6	15.0	27.8	15.3	28.8	16.5	29.1	16.9	27.9	15.5	28.2	15.8	28.9	16.6	29.0	16.9

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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	56	0		0
2	339	49	0		0
3	340	40	0		0
4	341	46	0		0
5	342	43	0		0
6	343	35	0		0
7	344	34	0		0
8	345	39	0		0
9	346	55	0		0
10	347	49	0		0
11	348	61	0		0
12	349	48	0		0
13	350	47	0		0
14	351	29	0		0
15	352	36	0		0
16	353	45	0		0
17	354	32	0		0
18	355	20	5		0
19	356	25	0		0
20	357	45	0		0
21	358	44	0		0
22	359	48	0		0
23	360	58	0		0
24	361	52	0		0
25	362	34	0		0
26	363	41	0		0
27	364	43	0		0
28	365	25	0		0
Sums for month		1179	5		0
4452	Accumulated heating degree days since July 1				
9	Accumulated growing degree days since Jan. 1				
667	Accumulated cooling degree days since Apr. 1				