

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

January 2011

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	307	51	37	44	100	70	85	34	0	0	1	0	0	
2	308	50	29	39	100	54	77	34	0	0	5	0	0	
3	309	32	21	26	90	60	75	39	0	0	0	0	0	
4	310	30	22	26	83	51	67	46	0	0	0	0	0	
5	311	37	24	30	100	53	76	30	0	0	1	10	0	
6	312	29	19	24	89	64	76	28	0	0	0	0	0	
7	313	28	19	23	100	56	78	22	0	0	4	21	0	
8	314	24	16	20	99	57	78	20	0	0	1	1	0	
9	315	26	11	18	99	77	88	10	0	0	1	7	0	
10	316	25	18	21	93	75	84	2	0	0	0	0	0	
11	317	24	18	21	95	73	84	2	0	0	0	0	0	
12	318	22	17	19	100	87	93	5	90	82	23	30	0	
13	319	21	8	14	100	89	94	2	112	103	8	25	0	
14	320	17	9	13	97	70	83	1	132	125	T	T	0	
15	321	25	5	15	97	63	80	14	164	73	T	T	0	
16	322	31	18	24	96	74	85	18	62	57	T	1	0	
17	323	20	-5	7	95	65	80	15	130	123	0	0	0	
18	324	28	-2	13	98	56	77	25	175	84	T	T	0	
19	325	38	26	32	100	82	91	11	155	113	10	1	0	
20	326	26	13	19	100	80	90	6	47	45	1	5	0	
21	327	22	14	18	100	70	85	1	154	94	17	25	0	
22	328	22	8	15	96	61	78	2	160	77	0	0	0	
23	329	19	7	13	97	54	75	2	208	113	1	8	0	
24	330	10	-10	0	93	65	79	1	173	134	0	0	0	
25	331	25	-11	7	93	53	73	2	204	69	0	0	0	
26	332	34	21	27	93	80	86	2	58	53	0	0	0	
27	333	33	26	29	99	77	88	2	116	106	T	T	0	
28	334	32	22	27	100	63	81	2	138	130	T	T	0	
29	335	31	21	26	99	83	91	2	103	95	1	3	0	
30	336	27	15	21	100	71	85	1	113	106	2	3	0	
31	337	26	4	15	97	71	84	1	158	130	T	T	0	
Sums		865	440	646	2998	2104	2546	382	2652	1912	76	140	0	
Average		27.9	14.2	20.8	96.7	67.9	82.1	0.012	85.5	61.7	0.02	0.5	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	307	34	28	33	28	33	29	34	29	34	27	34	28	34	28	33	28
2	308	38	21	37	23	36	25	35	26	40	21	38	23	37	25	35	26
3	309	26	15	26	16	28	19	29	20	27	15	28	17	29	19	30	19
4	310	25	16	26	18	28	20	29	22	25	16	27	19	28	21	29	21
5	311	29	17	30	17	32	19	33	20	29	18	31	18	32	20	32	20
6	312	23	13	23	14	25	16	26	17	23	14	24	15	25	16	26	16
7	313	29	20	29	20	31	22	32	23	29	20	30	21	31	22	31	23
8	314	25	15	25	16	27	17	27	18	25	16	26	16	27	18	27	18
9	315	24	15	25	15	26	17	27	18	24	16	25	16	26	17	26	18
10	316	21	16	22	17	23	18	24	19	21	17	23	17	23	18	24	19
11	317	21	14	22	15	23	16	24	17	22	15	22	15	23	16	24	17
12	318	25	14	26	15	22	16	29	18	26	15	27	16	27	16	28	17
13	319	19	14	19	14	20	15	22	16	19	14	21	14	20	15	21	16
14	320	19	12	20	12	21	13	22	13	20	12	20	12	21	13	22	13
15	321	28	13	28	13	29	14	29	14	28	12	28	13	29	14	29	14
16	322	31	17	31	17	32	19	33	19	30	17	31	18	32	18	32	19
17	323	20	7	21	8	22	9	22	9	20	8	21	8	22	9	23	9
18	324	31	9	31	9	32	11	33	11	31	9	31	10	32	11	32	11
19	325	34	18	34	19	35	20	35	20	33	18	34	19	35	20	35	20
20	326	21	12	21	12	22	13	23	13	21	12	22	12	22	13	23	13
21	327	22	14	22	14	23	15	23	16	22	14	22	15	23	16	23	16
22	328	21	14	22	14	23	16	23	16	22	15	23	15	23	16	24	17
23	329	22	9	22	10	23	11	24	12	22	10	23	11	24	12	24	12
24	330	18	6	18	6	20	8	21	8	19	7	20	7	20	8	21	9
25	331	30	8	30	8	31	10	32	11	30	9	31	9	32	10	33	11
26	332	28	16	28	16	29	18	30	18	28	16	28	17	29	18	29	18
27	333	25	17	25	17	26	18	27	19	26	17	26	18	27	19	27	19
28	334	25	17	25	17	26	18	26	19	25	17	25	17	26	18	26	19
29	335	26	16	27	16	28	17	28	18	27	16	27	17	28	17	28	18
30	336	25	14	25	14	26	15	27	15	25	14	26	14	26	15	26	15
31	337	21	10	22	9	22	11	23	11	22	10	22	10	23	11	23	12
Sums		786	447	795	459	824	505	852	525	795	457	816	477	836	509	846	523
Averages		25.4	14.4	25.6	14.8	26.6	16.3	27.5	16.9	25.6	14.7	26.3	15.4	27.0	16.4	27.3	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	307	21	4		0
2	308	26	0		0
3	309	39	0		0
4	310	39	0		0
5	311	35	0		0
6	312	41	0		0
7	313	42	0		0
8	314	45	0		0
9	315	47	0		0
10	316	44	0		0
11	317	44	0		0
12	318	46	0		0
13	319	51	0		0
14	320	52	0		0
15	321	50	0		0
16	322	41	0		0
17	323	58	0		0
18	324	52	0		0
19	325	33	0		0
20	326	46	0		0
21	327	47	0		0
22	328	50	0		0
23	329	52	0		0
24	330	65	0		0
25	331	58	0		0
26	332	38	0		0
27	333	36	0		0
28	334	38	0		0
29	335	39	0		0
30	336	44	0		0
31	337	50	0		0
Sums for month		1369	4		0

3273 Accumulated heating degree days since July 1

4 Accumulated growing degree days since Jan. 1

667 Accumulated cooling degree days since Apr. 1