

**MONTHLY CLIMATE SUMMARY, February, 2009**  
**NIU WEATHER SERVICE, DEKALB, IL**

Day	Record HI	Record LO	Average		Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
			HI	Average LO								
1	65	-18	30	13	37	15	26	0	39	0	0.00	0.0
2	47	-20	29	14	34	13	24	0	41.5	0	0.00	0.0
3	52	-23	30	15	26	-2	12	0	53	0	T	T
4	54	-18	29	13	14	-4	5	0	60	0	0.00	0.0
5	58	-20	27	11	13	-5	4	0	61	0	0.00	0.0
6	55	-15	26	12	25	2	14	0	51.5	0	0.00	0.0
7	52	-16	27	9	40	13	27	0	38.5	0	0.00	0.0
8	56	-16	27	10	53	31	42	0	23	0	0.00	0.0
9	59	-26	28	10	36	29	33	0	32.5	0	0.00	0.0
10	55	-21	31	14	51	32	42	0	23.5	0	0.10	0.0
11	60	-15	32	16	58	42	50	0	15	0	0.13	0.0
12	55	-21	33	15	47	31	39	0	26	0	0.39	0.0
13	59	-26	31	15	39	24	32	0	33.5	0	0.00	0.0
14	60	-12	33	17	32	24	28	0	37	0	0.10	1.6
15	64	-17	34	19	31	14	23	0	42.5	0	0.00	0.0
16	56	-14	34	17	26	12	19	0	46	0	0.00	0.0
17	57	-16	33	18	32	23	28	0	37.5	0	0.00	0.0
18	56	-21	35	21	41	25	33	0	32	0	0.14	0.0
19	66	-17	38	22	35	9	22	0	43	0	0.02	0.4
20	62	-25	40	23	22	9	16	0	49.5	0	0.00	0.0
21	65	-11	40	24	28	14	21	0	44	0	0.23	3.4
22	64	-13	39	23	24	6	15	0	50	0	0.02	0.4
23	69	-12	39	24	23	3	13	0	52	0	0.00	0.0
24	62	-11	39	22	21	14	18	0	47.5	0	0.00	0.0
25	66	-12	36	20	38	21	30	0	35.5	0	0.00	0.0
26	69	-11	38	20	51	33	42	0	23	0	T	0.0
27	68	-6	40	22	47	23	35	0	30	0	1.33	0.1
28	63	-5	40	23	24	17	21	0	44.5	0	T	T

**Temperature**

1971-2000 AVG. HI: 33.5(F)  
 1971-2000 AVG. LOW: 17.2(F)  
 1971-2000 AVG. TEMP: 25.6(F)  
 February 2008AVG. HI: 33.9(F)  
 February 2008 AVG. LO: 16.8(F)  
 February 2008 AVG. TEMP: 25.3(F)

**Precipitation**

February liquid equivalent TOTAL: 2.46 in.  
 February liquid equivalent AVG: 1.40 in.  
 February SNOW: 5.9 in.  
 February AVG SNOW: 7.4 in.  
 liquid equivalent YEAR TO DATE: 3.34 in.  
 liquid equivalent YEAR TO DATE AVG: 2.97 in.  
 2008-09 Seasonal SNOW TO DATE: 49.7 in.  
 Seasonal SNOW AVG TO DATE: 29.1 in.

**Degree Days**

COOLING: 2/09: 0  
 Y.T.D: 0  
 HEATING: 2/09: 1112  
 7/08-Now: 5590  
 GROWING: 2/09: 0  
 Y.T.D: 0

**Discussion**

February 2009 was an average month for temperatures, with all the monthly average temperatures within ½ degrees of the 1971-2000 climate normals. There were four days throughout the month when the temperature exceeded 50°F, and three days where the temperature fell below 0°F.

The February 2009 liquid equivalent precipitation total was 2.46 inches; that is more than 1 inch greater than the average February liquid equivalent. The majority of the month's precipitation fell as rain, but there were a few days, mostly in the second half of the month, where the precipitation fell as snow. This February ranks 6<sup>th</sup> highest on record in terms of total liquid equivalent precipitation. With the additional 5.9 inches of snow in February, the seasonal snow total for 2008-2009 is now 49.7 inches – that is more than 20 inches greater than the seasonal snow total average through February.

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## February 2009 Daily Highs and Lows with 1971-2000 Average Highs and Lows

