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

			Average										
Day	Record HI	Record LO	HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)	
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	Т	Т	
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	Т	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	Т	Т	
<u>Temperature</u>				<u>Precipit</u>	Precipitation					Degree Days			
1971-2000 AVG. HI: 33.5(F)				February liquid equivalent TOTAL: 2.46 in.						COOLING: 2/09:0			
1971-2000 AVG. LOW: 17.2(F)				February liquid equivalent AVG: 1.40 in.						Y.T.D: 0			
1971-2000 AVG. TEMP: 25.6(F)				February SNOW: 5.9 in.						HEATING: 2/09:1112			
February 2008AVG_HI: 33.9(F)				February AVG SNOW: 7.4 in						7/08-Now: 5590			

1 February 2008AVG. HI: 33.9(F) February 2008 AVG. LO: 16.8(F) February 2008 AVG. TEMP: 25.3(F)

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.

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 1/2 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.

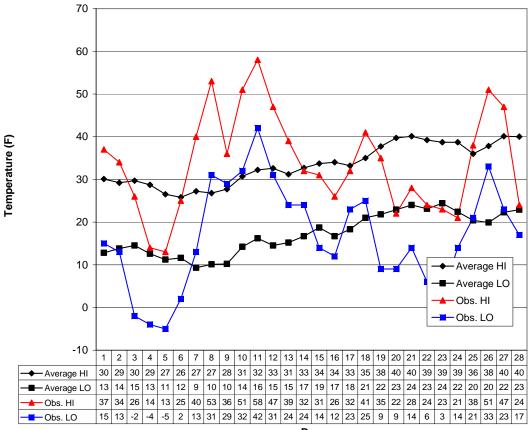
The February 2009 liquid equivalent precipitation total was 2.46 inches; that is more than 1 inch greater than the average February liquid equivalent. The majority of the month's precipitation fell as rain, but there were a few days, mostly in the second half of the month, where the precipitation fell 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.

Trevor Edmonson, Marius Paulikas, Erik Janzon, Kyle McAdams-Cooperative Observers

Kevin Nasiatka-Weather Director

NIU Weather Phone (updated once daily at approx. 7:30 am): (815) 753-1623

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

Day