

**MONTHLY CLIMATE SUMMARY, February, 2002**  
**NIU WEATHER SERVICE, DEKALB, IL**

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	Precip. (in)	Snowfall (in)
1	65	-18	30	13	32	23	27.5	0	37.5	0.10	T
2	47	-20	30	13	32	6	19	0	46	0.00	0.0
3	52	-23	29	13	30	6	18	0	47	0.00	0.0
4	54	-18	28	11	33	7	20	0	45	0.00	0.0
5	58	-20	27	11	20	2	11	0	54	0.00	0.0
6	55	-15	27	10	30	10	20	0	45	0.00	0.0
7	52	-16	27	10	34	16	25	0	40	0.00	0.0
8	56	-16	27	11	39	24	31.5	0	33.5	0.00	0.0
9	59	-26	28	11	38	27	32.5	0	32.5	0.00	0.0
10	55	-21	29	12	45	31	38	0	27	0.19	0.0
11	60	-15	30	14	35	18	26.5	0	38.5	0.00	0.0
12	55	-21	31	15	36	35	35.5	0	29.5	0.00	0.0
13	59	-26	32	15	41	16	28.5	0	36.5	0.00	0.0
14	60	-12	33	16	34	16	25	0	40	0.00	0.0
15	64	-17	33	17	43	27	35	0	30	0.00	0.0
16	56	-14	34	18	41	32	36.5	0	28.5	0.00	0.0
17	57	-16	36	19	42	23	32.5	0	32.5	0.00	0.0
18	56	-21	37	20	40	24	32	0	33	0.00	0.0
19	66	-17	38	21	50	27	38.5	0	26.5	0.26	0.0
20	62	-25	38	22	48	40	44	0	21	0.46	0.0
21	65	-11	38	22	48	30	39	0	26	0.14	T
22	64	-13	37	21	31	20	25.5	0	39.5	T	T
23	69	-12	37	20	38	20	29	0	36	0.00	0.0
24	62	-11	36	19	46	31	38.5	0	26.5	0.00	0.0
25	66	-12	37	19	60	36	48	0	17	0.00	0.0
26	69	-11	37	20	36	20	28	0	37	0.05	1.3
27	68	-6	38	20	24	14	19	0	46	0.04	1.0
28	63	-5	39	20	25	11	18	0	47	0.00	0.0

**Temperature**

1896-1995 AVG. HI: 32.7(F)  
 1896-1995 AVG. LOW: 16.0(F)  
 1896-1995 AVG. TEMP: 24.6(F)  
 February 2002 AVG. HI: 37.5(F)  
 February 2002 AVG. LO: 21.1(F)  
 February 2002 AVG. TEMP: 29.3(F)

**Precipitation**

February TOTAL: 1.24in  
 February AVG: 1.21in  
 SNOW: 2.3in  
 AVG SNOW: 7.3in  
 YEAR TO DATE: 1.98in  
 YEAR TO DATE AVG: 2.64 in

**Degree Days**

COOLING: 2/02: 0.0  
 1/02-Now: 0.0  
 HEATING: 2/02: 998.5  
 7/01-Now: 4341.5

**Discussion**

The unseasonably warm temperatures continued this month making February the 4<sup>th</sup> straight month of significantly above average temperatures. February was moderated somewhat with cooler conditions at the beginning of the month. We just managed to stay above zero with a low of 2°F recorded on the 5<sup>th</sup>. This is the coldest reading we've seen this winter season. Temperatures warmed from here as we stayed above normal for a good majority of the rest of the month. We topped out at 60°F on the 25<sup>th</sup> but temperatures fell quickly to a high of only 36°F the following day. Overall, February finished as the 21<sup>st</sup> warmest on record dating back to 1895 with an average temperature of 29.3°F.

In regards to precipitation, we were right around average for liquid precipitation (1.24in.) but significantly under average for snowfall (2.3in.). The average rainfall for February is 1.21in. and the average snowfall is 7.3in. The majority of the liquid precipitation for the month came from one storm system. From the 19<sup>th</sup> to the 21<sup>st</sup>, we received 0.86in. of rain. All of the measurable snowfall came on the 26<sup>th</sup> and 27<sup>th</sup> as cooler temperatures were once again ushered in. Climatologically, the coldest part of the winter is over and we should see temperatures warming in the coming month as we look forward to spring.

Soren Hall, Weather Director/Cooperative Observer, NIU

Forecast Information (updated once daily at approx. 7:30 am): (815) 753-1623

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