

# MONTHLY CLIMATE SUMMARY, JANUARY 2006

## NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	57	-14	29	16	34	30	32	0	33	0	0	0
2	56	-16	27	12	43	30	36.5	0	28.5	0	0.07	0
3	58	-17	29	14	40	36	38	0	27	0	0.7	0
4	55	-22	28	10	40	36	38	0	27	0	0.02	0
5	56	-24	26	9	40	33	36.5	0	28.5	0	T	0
6	49	-19	26	12	34	28	31	0	34	0	0	0
7	49	-20	27	11	29	26	27.5	0	37.5	0	0	0
8	56	-19	24	7	40	26	33	0	32	0	0	0
9	53	-14	23	9	44	32	38	0	27	0	T	0
10	56	-25	24	8	36	24	30	0	35	0	0	0
11	55	-22	25	9	37	24	30.5	0	34.5	0	0.1	0
12	56	-19	25	10	43	32	37.5	0	27.5	0	T	0
13	55	-17	28	12	55	33	44	0	21	0	0.01	0
14	57	-18	26	10	35	24	29.5	0	35.5	0	0.17	T
15	54	-21	23	9	35	24	29.5	0	35.5	0	0	0
16	53	-21	25	9	40	27	33.5	0	31.5	0	0	0
17	56	-18	27	11	44	29	36.5	0	28.5	0	T	0
18	54	-25	28	11	41	19	30	0	35	0	T	0
19	57	-22	27	9	34	19	26.5	0	38.5	0	0	0
20	53*	-27	26	10	53	30	41.5	0	23.5	0	0	0
21	59	-22	27	13	33	16	24.5	0	40.5	0	0.67	7.1
22	55	-27	30	16	26	8	17	0	48	0	0	0
23	57	-22	33	16	28	19	23.5	0	41.5	0	T	0
24	63	-22	31	15	31	19	25	0	40	0	0	0
25	62	-25	29	13	38	25	31.5	0	33.5	0	0	0
26	59	-23	27	10	33	20	26.5	0	38.5	0	0	0
27	60	-16	27	10	37	20	28.5	0	36.5	0	0	0
28	51	-22	28	11	42	32	37	0	28	0	0	0
29	55	-17	28	11	46	32	39	0	26	0	1.12	0
30	50	-22	27	13	47	32	39.5	0	25.5	0	0.06	0
31	52	-16	28	11	34	26	30	0	35	0	T	0

\*new record high

### Temperature

1971-2000 AVG. HI: 27.1°F  
 1971-2000 AVG. LOW: 11.2°F  
 1971-2000 AVG. TEMP: 19.4°F  
 January 2006 AVG. HI: 38.5°F  
 January 2006 AVG. LO: 26.2°F  
 January 2006 AVG. TEMP: 32.3°F

### Precipitation

January TOTAL: 2.92 in  
 January AVG: 1.57 in.  
 SNOW: 7.1 in.  
 AVG SNOW: 9.9 in  
 YEAR TO DATE: 2.92 in.  
 YEAR TO DATE AVG: 1.57 in

### Degree Days

COOLING: 1/06: 0.0  
 Y.T.D: 0.0  
 HEATING: 1/06: 1013.5  
 Y.T.D: 1013.5  
 GROWING: 1/06: 0.0  
 Y.T.D: 0.0

### Discussion

With average temperatures well above the climatological normal throughout the month, it comes as no surprise that January 2006 ranks as one of the warmest in more than 100 years. The average high, 11° above the 30 year normal, is the warmest on record for DeKalb and ranks 3<sup>rd</sup> going back to 1896. Furthermore, the average low temperature for the month, a balmy 26°F, is the warmest average low on the books for both the DeKalb and Sycamore records. The month's heat was highlighted by the record breaking 53° F on the 20<sup>th</sup>, along with the warmest day of the month, a sweltering 55° F on the 13<sup>th</sup> which tied the record. DeKalb is certainly not the only hot spot in the area as Rockford, Peoria and Chicago (O'Hare) also saw record warmth for the month.

Precipitation for the month is an interesting story. The 2.92 inches we received over the month is nearly double what we would expect, however, as a result of the warm temperatures about 75% of that fell as rain, over half of which came from a very slow moving system at the end of the month. The single measurable snow fall we did have turned out to be about the only one we needed. The 7.1 inches that fell overnight was well received by those who weren't quite ready for spring just yet, and brought us to within a few inches of what we normally see around here for the month.

Special thanks go out to Alan Black for taking the first (and only) snowfall observation of the year, and to Dr.'s Changnon and Ashley for taking obs over the break.

Matt Becker, Elliott Sidell and Bill Oswald, Weather Director/Cooperative Observers, NIU

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

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January 2006 Daily Highs and Lows with 1971 - 2000 Average Highs and Lows

