

**MONTHLY CLIMATE SUMMARY, JANUARY 2010**  
**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	30	-2	14	0	51	0	T	T
2	56	-16	27	12	11	-5	3	0	62	0	0	0
3	58	-17	29	14	10	-10	0	0	65	0	0	0
4	55	-22	28	10	11	-10	0.5	0	64.5	0	0	0
5	56	-24	26	9	14	3	8.5	0	56.5	0	0	0
6	49	-19	26	12	16	-2	7	0	58	0	0	0
7	55	-20	27	11	16	-1	7.5	0	57.5	0	0.17	2.9
8	62	-19	24	7	23	13	18	0	47	0	0.12	1.8
9	53	-14	23	9	19	-2	8.5	0	56.5	0	0	0
10	56	-25	24	8	14	-8	3	0	62	0	0	0
11	55	-22	25	9	17	-8	4.5	0	60.5	0	T	T
12	56	-19	25	10	25	12	18.5	0	46.5	0	0	0
13	55	-17	28	12	25	9	17	0	48	0	0	0
14	57	-18	26	11	30	15	22.5	0	42.5	0	0	0
15	54	-21	23	9	38	24	31	0	34	0	T	T
16	53	-21	25	9	26	20	23	0	42	0	0	0
17	56	-18	27	11	24	17	20.5	0	44.5	0	0	0
18	54	-25	28	11	28	19	23.5	0	41.5	0	0	0
19	57	-22	27	9	27	21	24	0	41	0	0	0
20	53	-27	27	10	30	20	25	0	40	0	0	0
21	59	-22	27	13	31	25	28	0	37	0	0.03	0
22	55	-22	30	16	32	29	30.5	0	34.5	0	0.03	0
23	57	-25	33	16	33	31	32	0	33	0	T	0
24	63	-23	31	15	41	33	37	0	28	0	0.44	0
25	62	-23	29	13	39	29	34	0	31	0	0.05	0
26	59	-20	27	10	39	15	27	0	38	0	0.2	0
27	60	-16	27	10	21	7	14	0	51	0	T	T
28	51	-22	28	11	21	4	12.5	0	52.5	0	0.01	0.2
29	55	-17	28	11	10	2	6	0	59	0	0	0
30	50	-22	27	13	16	2	9	0	56	0	T	T
31	52	-16	28	11	23	10	16.5	0	48.5	0	T	0

\*new or tied 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 2010 AVG. HI: 23.9°F  
 January 2010 AVG. LO: 10.1°F  
 January 2010 AVG. TEMP: 17.0°F

**Precipitation**

January liquid equivalent TOTAL: 1.05 in.  
 January liquid equivalent AVG: 1.57 in.  
 January SNOW: 4.9 in.  
 January SNOW AVG: 9.9 in  
 YEAR TO DATE liquid equivalent: 1.05 in.  
 YEAR TO DATE liquid equivalent AVG: 1.57 in

**Degree Days**

COOLING: 1/10: 0.0  
 1/10-NOW: 0.0  
 HEATING: 1/10: 1489  
 07/09-NOW: 4126  
 GROWING: 1/10: 0.0  
 1/10-NOW: 0.0

**Discussion**

January 2010 was a cooler than average month. The average high, average low and average overall temperature amounts all fell below the 1971-2000 averages by about 3°, 1° and 2°F respectively. The Jan 2010 average high temp ranks 10<sup>th</sup> all time for coolest average high temp. Most of the below normal temps occurred in the first 11 days of the month, when 9 of these days the low temp fell below 0.

January 2010 was a drier month than usual. Throughout the month DeKalb only received 1.05" of liquid equivalent precipitation, which is more than half an inch less than average. DeKalb also received a below average amount of snowfall totaling 4.9" which is half as much as DeKalb gets on average in January. After experiencing an unusually wet year in 2009, DeKalb starts 2010 below average in precipitation.

Alecia Osborne, Trevor Edmonson, Phil Jagielo, Dan Neirman, Ian Chang-Cooperative Observers

Scott Smith-Guest Observer

Kevin Nasiatka-Weather Director

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

The Climate Summary is supported by the Department of Geography, the College of Liberal Arts and Sciences, and the Department of Operations

January 2010 Daily Highs and Lows with 1971 - 2000 Average Highs and Lows

