

MONTHLY CLIMATE SUMMARY, February, 2010
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	26	10	18	0	47	0	0.00	0.0	
2	47	-20	29	14	29	17	23	0	42	0	0.03	0.8	
3	52	-23	30	15	30	18	24	0	41	0	0.03	0.9	
4	54	-18	29	13	29	18	24	0	41.5	0	0.00	0.0	
5	58	-20	27	11	30	22	26	0	39	0	0.00	0.0	
6	55	-15	26	12	35	24	30	0	35.5	0	T	T	
7	52	-16	27	9	29	20	25	0	40.5	0	T	T	
8	56	-16	27	10	28	19	24	0	41.5	0	T	T	
9	59	-26	28	10	28	18	23	0	42	0	0.17	3.0	
10	55	-21	31	14	27	18	23	0	42.5	0	0.12	2.4	
11	60	-15	32	16	26	2	14	0	51	0	0.00	0.0	
12	55	-21	33	15	24	3	14	0	51.5	0	0.00	0.0	
13	59	-26	31	15	28	6	17	0	48	0	0.00	0.0	
14	60	-12	33	17	27	6	17	0	48.5	0	0.00	0.0	
15	64	-17	34	19	27	8	18	0	47.5	0	0.00	0.0	
16	56	-14	34	17	28	19	24	0	41.5	0	0.05	0.8	
17	57	-16	33	18	31	24	28	0	37.5	0	0.00	0.0	
18	56	-21	35	21	33	22	28	0	37.5	0	0.00	0.0	
19	66	-17	38	22	37	13	25	0	40	0	0.00	0.0	
20	62	-25	40	23	35	14	25	0	40.5	0	0.04	0.5	
21	65	-11	40	24	36	28	32	0	33	0	0.02	0.2	
22	64	-13	39	23	35	30	33	0	32.5	0	0.50	4.0	
23	69	-12	39	24	33	27	30	0	35	0	0.02	0.6	
24	62	-11	39	22	31	18	25	0	40.5	0	0.03	0.5	
25	66	-12	36	20	24	14	19	0	46	0	0.01	T	
26	69	-11	38	20	28	11	20	0	45.5	0	0.00	0.0	
27	68	-6	40	22	28	10	19	0	46	0	0.00	0.0	
28	63	-5	40	23	33	24	29	0	36.5	0	0.00	0.0	

Temperature

1971-2000 AVG. HI: 33.5(F)
 1971-2000 AVG. LOW: 17.2(F)
 1971-2000 AVG. TEMP: 25.6(F)
 February 2010AVG. HI: 29.8(F)
 February 2010 AVG. LO: 16.5(F)
 February 2010 AVG. TEMP: 23.2(F)

Precipitation

February liquid equivalent TOTAL: 1.02 in.
 February liquid equivalent AVG: 1.40 in.
 February SNOW: 13.7 in.
 February AVG SNOW: 7.4 in.
 liquid equivalent YEAR TO DATE: 2.07in.
 liquid equivalent YEAR TO DATE AVG: 2.97 in.

Degree Days

COOLING: 2/10: 0
 Y.T.D: 0
 HEATING: 2/10: 1171
 7/09-Now: 5297
 GROWING: 2/10: 0
 Y.T.D: 0

Discussion

February 2010 was a relatively cool month compared to historic averages. The monthly observed low and average temperatures were slightly below normal and the average high temperature was considerably below the historic average for the month. In fact the February 2010 average high temperature was nearly 4 degrees below normal, ranking the month 12th all time for coolest average high temperature on record. There was a span of five days--February 11th to February 15th--when temperatures fell into single digits.

Approximately 1.02" of liquid equivalent precipitation was recorded for February 2010 which is 0.40" below normal. DeKalb also received 13.7" of snowfall which is nearly double the average snowfall for February. The majority of snowfall occurred on three days: February 9 (3.0"), February 10 (2.4") and February 22 (4.0").

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 Scott Smith-Guest Observer

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

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

