MONTHLY CLIMATE SUMMARY, February, 2010 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	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	Т	Т
7	52	-16	27	9	29	20	25	0	40.5	0	Т	Т
8	56	-16	27	10	28	19	24	0	41.5	0	Т	Т
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	Т
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

<u>Temperature</u>	Precipitation	<u>Degree Davs</u>
1971-2000 AVG. HI: 33.5(F)	February liquid equivalent TOTAL: 1.02 in.	COOLING: 2/10:0
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: 13.7 in.	HEATING: 2/10: 1171
February 2010AVG. HI: 29.8(F)	February AVG SNOW: 7.4 in.	7/09-Now: 5297
February 2010 AVG. LO: 16.5(F)	liquid equivalent YEAR TO DATE: 2.07in.	GROWING: 2/10: 0
February 2010 AVG. TEMP: 23.2(F)	liquid equivalent YEAR TO DATE AVG: 2.97 in.	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").

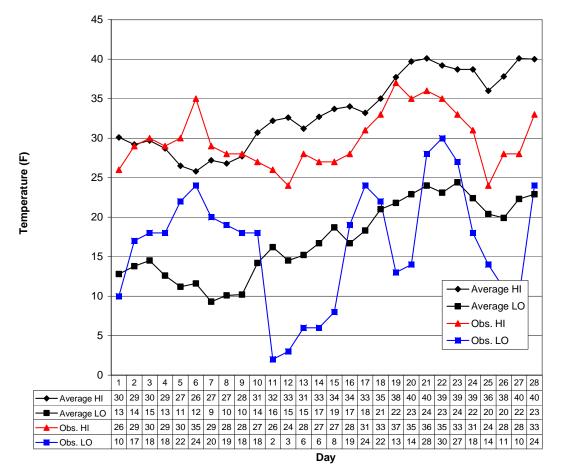
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February 2010 Daily Highs and Lows with 1971-2000 Average Highs and Lows