

MONTHLY CLIMATE SUMMARY, MARCH 2014
NIU WEATHER SERVICE: DE KALB, IL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	65	-13	38	22	28	4	16	0	49	0	0.03	0.3
2	66	-9	41	22	18	3	10.5	0	54.5	0	0.21	3.2
3	72	-7	38	21	6	-7	-0.5	0	65.5	0	0	0
4	70	-8	37	21	14	-8	3	0	62	0	T	T
5	71	-7	41	23	24	10	17	0	48	0	0.05	1
6	69	-7	41	24	22	12	17	0	48	0	T	T
7	70	-7	40	23	28	13	20.5	0	44.5	0	0	0
8	77	-13	40	23	40	19	29.5	0	35.5	0	T	T
9	73	-3	41	23	32	17	24.5	0	40.5	0	T	T
10	69	-2	40	22	40	17	28.5	0	36.5	0	0	0
11	69	-3	42	24	48	35	41.5	0	23.5	0	0	0
12	72	-6	44	24	48	27	37.5	0	27.5	0	0.07	0.7
13	77	5	45	27	28	14	21	0	44	0	0	0
14	71	5	46	28	38	14	26	0	39	0	0	0
15	77	9	47	27	50	30	40	0	25	0	0	0
16	79	-1	45	27	39	17	28	0	37	0	T	T
17	80	-2	45	28	25	14	19.5	0	45.5	0	T	T
18	80	-1	45	27	36	16	26	0	39	0	0	0
19	79	-8	44	28	48	27	37.5	0	27.5	0	0.1	T
20	77	2	46	27	41	28	34.5	0	30.5	0	0.07	T
21	82	4	46	28	48	30	39	0	26	0	T	T
22	83	1	46	28	56	31	43.5	0	21.5	0	T	0
23	80	0	50	29	39	17	28	0	37	0	0	0
24	84	3	51	31	29	16	22.5	0	42.5	0	0	0
25	81	3	52	32	34	18	26	0	39	0	0.03	0.2
26	80	7	51	33	27	13	20	0	45	0	T	T
27	82	9	53	33	38	13	25.5	0	39.5	0	0.06	T
28	82	8	54	34	51	32	41.5	0	23.5	0	0.18	T
29	84	12	53	33	38	30	34	0	31	0	0	0
30	84	5	52	34	44	26	35	0	30	0	0	0
31	81	7	55	35	55	26	40.5	0	24.5	0	0	0

Temperature

1981-2010 AVG. HI: 46.8(F)
 1981-2010 AVG. LOW: 27.0(F)
 1981-2010 AVG. TEMP: 36.2(F)
 March 2014 AVG. HI: 35.9(F)
 March 2014 AVG. LO: 17.9(F)
 March 2014 AVG. TEMP: 26.9(F)

Precipitation

March 2014 TOTAL: 0.8 in.
 March AVG: 2.26 in.
 March 2014 SNOW: 5.4 in.
 March AVG SNOW: 4.2 in.
 2014 liquid-eq. YEAR TO DATE: 4.8 in.
 liquid-eq. YEAR TO DATE AVG: 5.28 in.
 2013-14 Seasonal SNOW TO DATE: 48.9 in.
 Seasonal SNOW AVG: 33.9 in.

Degree Days

COOLING: 3/14: 0
 1/14-Now: 0
 HEATING: 3/14: 1182
 7/13-Now: 7204
 GROWING: 3/14: 0
 1/14-Now: 0

Discussion

Temperatures in March 2014 were below average temperatures. This will be the fifth consecutive month with below average temperatures. The mean temperature for the month was 26.9 degrees, about 9.3 degrees below the historical (30-year, 1981-2010) average of 36.2 degrees. The monthly average high temperature was 35.9 degrees (10.9 degrees below the historical-average value). The monthly average low was 17.9 degrees and is 9.1 degrees cooler than the average low temperature. On March 3 the low was -7 degrees, this was colder than the previous record low by 2 degrees. The record low was also broken on March 4 with a low temperature of -8 degrees (5 degrees cooler than the previous record). There were only 6 days out of the month with highs above average and 6 days with lows above average.

Precipitation in March was also below the historical average. Liquid-equivalent precipitation totaled 0.8 in., the historical-average total being 2.26 in. Year-to-date precipitation as of the end of the month totaled 4.8 in. (below the historical-average total of 5.28 in.). March snow totaled 5.4 in., 1.2 in above the average of 4.2in.

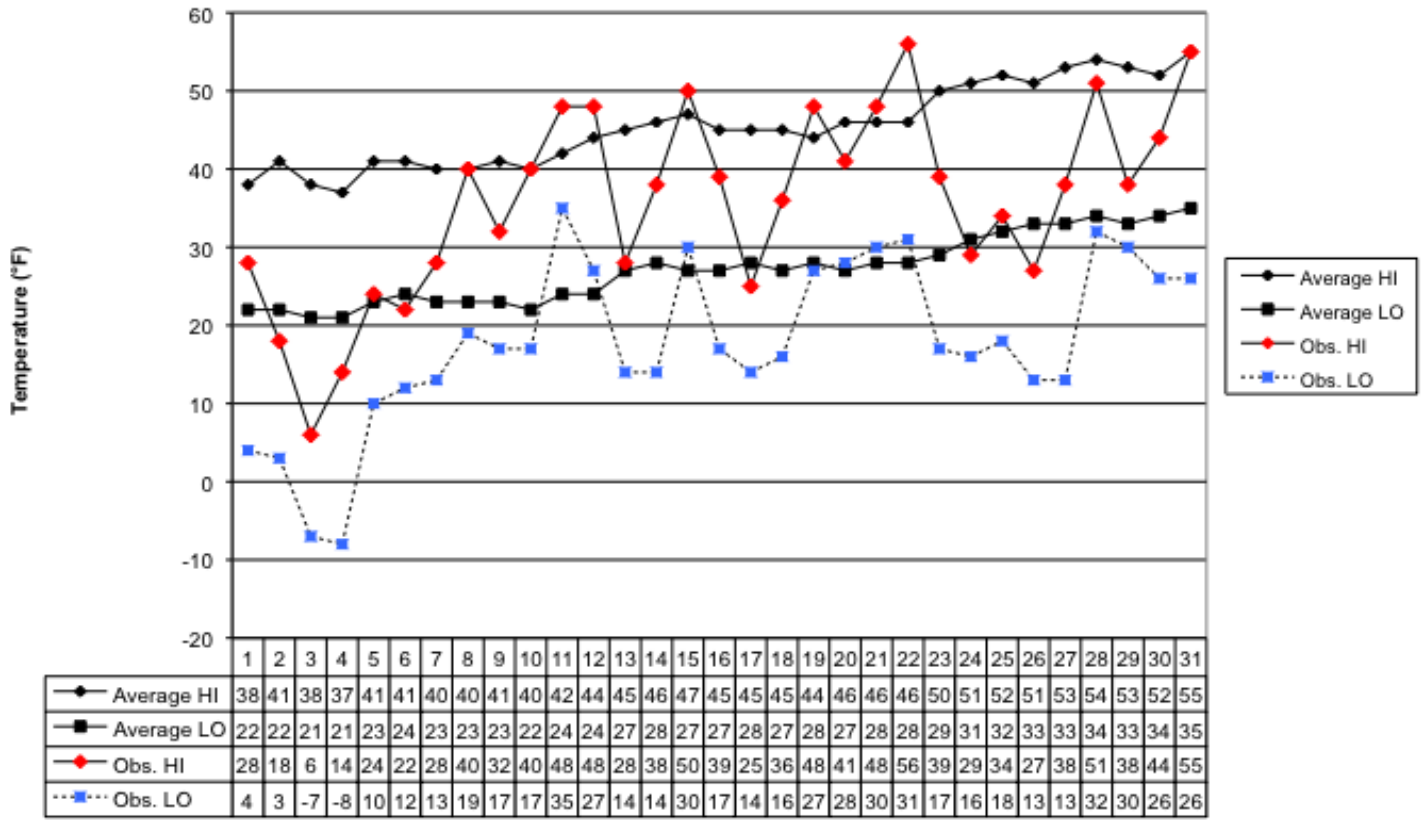
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This summary was prepared by Jodi Wright, 31 March 2013. Forecast information (updated once daily at approx. 7:00 am): (815) 762-3230.

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March 2014 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Jodi Wright, NIU Weather Director



Day