

MONTHLY CLIMATE SUMMARY, JANUARY 2018

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
1	57	-14	31	16	8	-15	-3.5	0	0	69	0	0
2	56	-16	29	15	-2	-15	-9	0	0	74	0	0
3	58	-17	31	15	13	-15	-1	0	0	66	0.01	0.4
4	55	-22	31	15	14	-8	3	0	0	62	T	T
5	56	-24	30	14	7	-8	-1	0	0	66	0	0
6	50	-19	29	15	7	-9	-1	0	0	66	0	0
7	55	-20	28	14	14	-8	3	0	0	62	T	T
8	62	-19	28	12	31	14	23	0	0	42	T	T
9	53	-14	28	13	35	21	28	0	0	37	0	0
10	56	-25	26	12	34	21	28	0	0	37	0.02	T
11	55	-22	27	13	52	33	43	0	0	22	T	0
12	56	-19	29	17	54	14	34	0	0	31	0.15	T
13	55	-17	33	16	20	1	11	0	0	54	0	0
14	57	-18	27	14	13	0	7	0	0	58	0	0
15	54	-21	25	11	18	1	10	0	0	55	0.28	4.6
16	53	-23	24	10	18	1	10	0	0	55	0.1	2
17	56	-20	26	11	18	-3	8	0	0	57	0	0
18	54	-25	27	9	17	-3	7	0	0	58	0	0
19	57	-22	26	6	30	13	22	0	0	43	0	0
20	53	-27	25	9	40	23	32	0	0	33	0	0
21	59	-22	25	11	43	32	38	0	0	27	0	0
22	55	-22	29	15	45	35	40	0	0	25	0.65	0
23	57	-25	31	15	54	30	42	0	0	23	0.1	T
24	63	-23	28	13	30	25	28	0	0	37	0.01	T
25	62	-23	25	10	27	23	25	0	0	40	T	T
26	59	-20	26	10	42	24	33	0	0	32	0	0
27	60	-16	29	11	47	34	41	0	0	24	0	0
28	51	-22	30	12	45	28	37	0	0	28	0	0
29	55	-17	29	13	37	22	30	0	0	35	T	T
30	61	-22	29	14	23	12	18	0	0	47	T	T
31	52	-16	28	12	30	11	21	0	0	44	0	0

Temperature

1981-2010 AVG HI: 28.0 °F
 1981-2010 AVG LOW: 13.0°F
 1981-2010 AVG TEMP.: 20.5 °F
 January 2018 AVG HI: 27.9 °F
 January 2018 AVG LOW: 10.8 °F
 January 2018 AVG TEMP: 19.3 °F

Precipitation

January 2018 TOTAL: 1.32 in.
 January AVG: 1.47 in.
 January 2018 SNOW: 7.0 in.
 January SNOW AVG.: 9.7 in.
 2018 Liquid-Eq. YEAR TO DATE: 1.32 in.
 Liquid-Eq. YEAR TO DATE AVG: 1.41 in.
 2017-2018 Seasonal SNOW TO DATE: 13.0 in.
 Seasonal SNOW TO DATE AVG: 20.9 in.

Degree Days

COOLING: 1/18: 0
 1/18-Now: 0
 HEATING: 1/18: 1409
 7/17-Now: 3944
 GROWING: 1/18: 0
 1/18-Now: 0

Discussion

January's average temperature was 17.3 °F, which is 1.2 degrees below than the historical average temperature. January's average high of 27.9 °F was 0.1 degrees colder than the historical average high, with the average low temperature being cooler than the historical average by 2.2 degrees at 10.8 °F. January had 17 days with above average highs and 15 days with above average lows. January had its highest temperature on the 12th at 54 degrees. This was 25 degrees above the average for the day. Also, January had only 4 days where low temperatures were at or above freezing, with 10 days with low temperatures at or below 0 degrees. January had a record low temperature on the 1st of -15 °F.

January's precipitation total for 2018 was 1.32 in., which was 0.15 in. below the average. The 2018 liquid-equivalent year to date now is 1.32 in, since we are in a new year. The greatest precipitation amount occurred on the 22nd with 0.65 in. The total snowfall for January was 7.0 in., which was 2.7 in. below average. The seasonal snow to date is now 13.0 in. which is 7.9 in. below average. The largest snow day was the 15th with a snow total of 4.6 in.

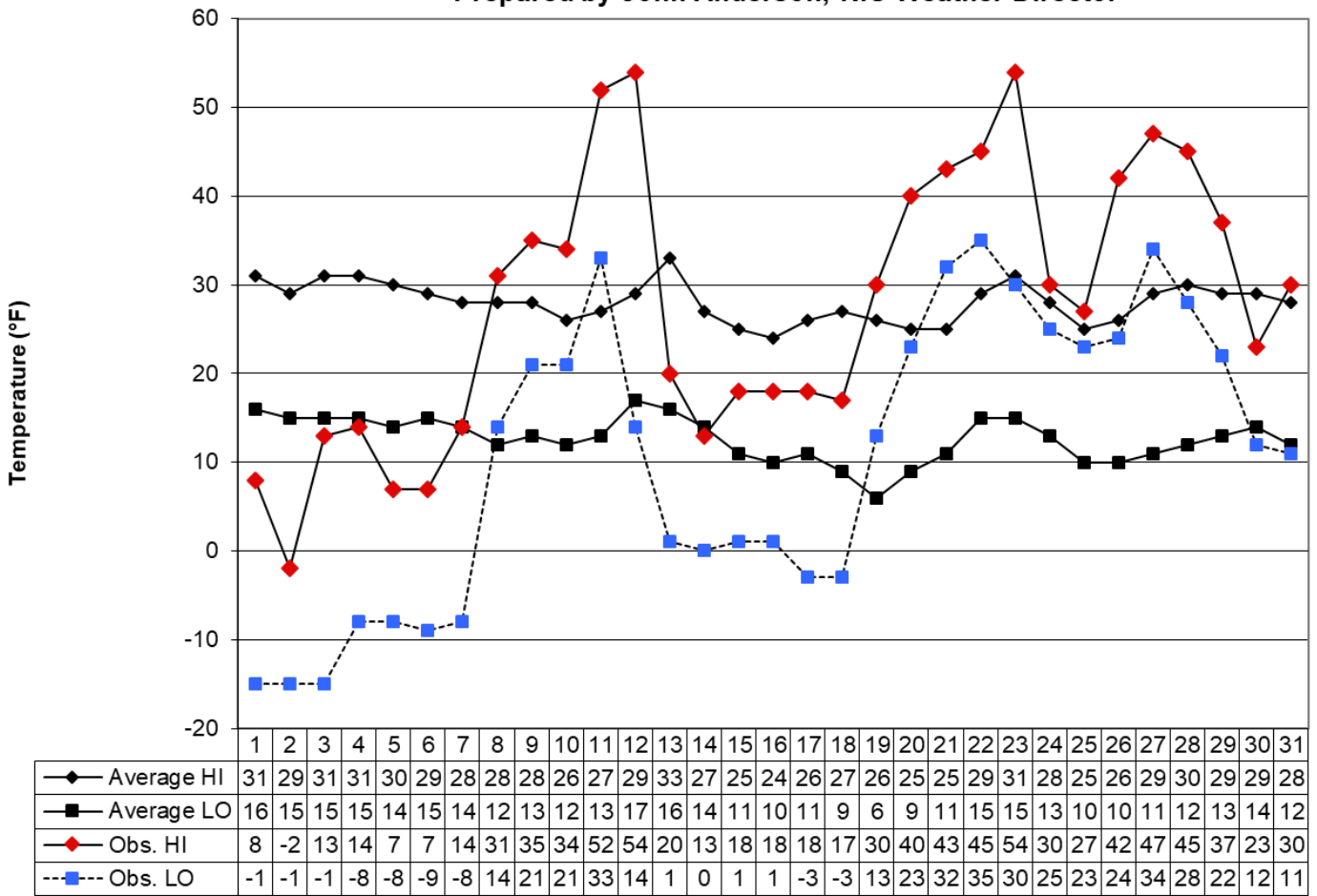
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This summary was prepared by John Anderson, 10 February 2018. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

Climate Website: <http://climate.niu.edu>

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

**January 2018 Daily Highs and Lows with 1981-2010 Average Highs and Lows
Prepared by John Anderson, NIU Weather Director**



Day