

MONTHLY CLIMATE SUMMARY, JANUARY 2016

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	25	17	21	0	0	44	0	0
2	56	-16	29	15	28	16	22	0	0	43	0	0
3	58	-17	31	15	30	16	23	0	0	42	0	0
4	55	-22	31	15	28	21	24.5	0	0	40.5	T	T
5	56	-24	30	14	28	16	22	0	0	43	0	0
6	50	-19	29	15	32	16	24	0	0	41	0	0
7	55	-20	28	14	34	22	28	0	0	37	T	0
8	62	-19	28	12	38	32	35	0	0	30	0.01	0
9	53	-14	28	13	39	32	35.5	0	0	29.5	0.13	0
10	56	-25	26	12	33	8	20.5	0	0	44.5	0.17	2.7
11	55	-22	27	13	8	-5	1.5	0	0	63.5	0	0
12	56	-19	29	17	22	-4	9	0	0	56	0.02	1.7
13	55	-17	33	16	10	-2	4	0	0	61	0	0
14	57	-18	27	14	30	0	15	0	0	50	T	T
15	54	-21	25	11	40	27	33.5	0	0	31.5	0	0
16	53	-23	24	10	36	21	28.5	0	0	36.5	T	0
17	56	-20	26	11	25	-3	11	0	0	54	T	T
18	54	-25	27	9	3	-6	-1.5	0	0	66.5	0	0
19	57	-22	26	6	5	-6	-0.5	0	0	65.5	0	0
20	53	-27	25	9	14	-3	5.5	0	0	59.5	0.02	0.4
21	59	-22	25	11	21	11	16	0	0	49	T	T
22	55	-22	29	15	24	13	18.5	0	0	46.5	0	0
23	57	-25	31	15	25	19	22	0	0	43	T	T
24	63	-23	28	13	33	19	26	0	0	39	0	0
25	62	-23	25	10	30	23	26.5	0	0	38.5	0	0
26	59	-20	26	10	36	24	30	0	0	35	0.03	T
27	60	-16	29	11	28	23	25.5	0	0	39.5	T	T
28	51	-22	30	12	34	24	29	0	0	36	T	T
29	55	-17	29	13	36	19	27.5	0	0	37.5	0	0
30	61	-22	29	14	34	18	26	0	0	39	0	0
31	52	-16	28	12	41	32	36.5	0	0	28.5	0	0

Temperature

1981-2010 AVG. HI: 28 (F)
 1981-2010 AVG. LOW: 13 (F)
 1981-2010 AVG. TEMP.: 20.5 (F)
 January 2016 AVG. HI: 27.4 (F)
 January 2016 AVG. LO: 14.2 (F)
 January 2016 AVG. TEMP.: 20.8 (F)

Precipitation

January 2016 TOTAL: 0.38 in.
 January AVG.: 1.47 in.
 January 2016 SNOW: 4.8 in.
 January SNOW AVG: 9.7 in.
 2016 liquid-eq. YEAR TO DATE: 0.38 in.
 liquid-eq. YEAR TO DATE AVG.: 1.41 in.
 2015-16 Seasonal SNOW TO DATE: 16.4 in.
 Seasonal SNOW TO DATE AVG.: 20.9 in.

Degree Days

COOLING: 1/16: 0
 1/16-Now: 0
 HEATING: 1/16: 1370
 7/15-Now: 3397
 GROWING: 1/16: 0
 1/16-Now: 0

Discussion

January's average temperature of 20.8°F was just above the historical average of 20.5°F. The average high temperature was 0.6°F below the historical average of 28°F for January while the average low temperature was 1.2°F above the historical average for January. This suggests that we may have experienced more cloudy days throughout the month. There were 20 days in January where the low temperature was above the historical average and eight days with low temperatures at or below 0°F. There were two days where the high temperature reached 40 °F or higher.

January had 0.38 inches of liquid precipitation, which is 1.09 inches below the historical average. January 2016 was the second driest January since 1966. January's snow total was 4.8 inches, which is just under half of the historical snowfall average. The 2014-15 seasonal snow to date total now stands at 16.4 inches, which is 4.5 inches below the seasonal snow to date average. January 10th and 12th accounted for just over 91% of the snowfall for the month. January 2016 recorded the tenth lowest snowfall total since 1966.

Emma Falk, Marc Quatrini, Dan O'Sullivan, Michael Keierleber, Nathan Halm, Steven Chun - Cooperative Observers

Jim Kolar—Weather Director

This summary was prepared by Jim Kolar, 11 February 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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 2016 Daily Highs and Lows with 1981-2010 Average Highs and Lows
Prepared by Jim Kolar, NIU Weather Director**

