

MONTHLY CLIMATE SUMMARY, NOVEMBER 2017

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)	Snow fall (in)
1	82	15	56	38	39	32	35.5	0	0	29	0	0
2	77	12	54	37	43	33	38	0	0	27	0.17	0
3	75	8	52	33	47	36	41.5	0	0	23	0.01	0
4	75	8	52	34	44	36	40	0	0	25	0.23	0
5	75	1	51	33	46	40	43	0	0	22	0.13	0
6	74	11	48	31	49	29	39	0	0	26	0.16	0
7	75	7	49	32	41	29	35	0	0	30	0	0
8	72	6	51	32	42	26	34	0	0	31	0	0
9	76	8	51	32	45	25	35	0	0	30	0	0
10	74	13	51	33	43	13*	28	0	0	37	0	0
11	74	8	48	30	30	13	21.5	0	0	43	T	T
12	72	11	45	29	35	24	29.5	0	0	35	0.19	0
13	69	3	47	29	36	27	31.5	0	0	33	0.24	T
14	73	2	49	31	37	27	32	0	0	33	0	0
15	70	2	47	32	46	30	38	0	0	27	0.21	0
16	73	-2	45	31	51	29	40	0	0	25	0.06	0
17	72	-2	45	30	34	31	32.5	0	0	32	0	0
18	72	5	46	30	45	30	37.5	0	0	27	0.2	0
19	73	6	47	32	39	25	32	0	0	33	T	T
20	67	3	48	29	34	24	29	0	0	36	0	0
21	72	2	44	28	53	27	40	0	0	25	0	0
22	68	0	42	26	41	17	29	0	0	36	0	0
23	67	-2	45	27	37	17	27	0	0	38	0	0
24	64	-5	44	26	45	28	36.5	0	0	28	0	0
25	64	-6	41	25	63	32	47.5	0	0	17	0	0
26	65	-4	44	27	49	23	36	0	0	29	0	0
27	65	-2	44	29	52	24	38	0	0	27	0	0
28	66	-6	43	27	54	33	43.5	0	0	21	0	0
29	64	-3	41	26	57	32	44.5	0	0	20	0	0
30	65	-9	40	27	47	30	38.5	0	0	26	0	0

Temperature

1981-2010 AVGHI: 46.9 °F
 1981-2010 AVGLOW: 30.1 °F
 1981-2010 AVGTEMP.: 38.5 °F
 November 2017 AVGHI: 44.1 °F
 November 2017 AVGLOW: 27.4 °F
 November 2017 AVGTEMP.: 35.8 °F

Precipitation

November 2017 TOTAL: 1.6 in.
 November AVG: 2.68 in.
 November 2017 SNOW: Trace
 November SNOW AVG.: 1.1 in.
 2017 Liquid-Eq. YEAR TO DATE: 40.85 in.
 Liquid-Eq. YEAR TO DATE AVG: 35.51 in.
 2017-2018 Seasonal SNOW TO DATE: Trace
 Seasonal SNOW TO DATE AVG: 1.2 in.

Degree Days

COOLING: 11/17: 0
 1/17-Now: 681
 HEATING: 11/17: 871
 7/17-Now: 1271
 GROWING: 11/17: 0
 1/17-Now: 3062.5

Discussion

November's average temperature was 35.8 °F, which is 2.7 degrees cooler than the historical average temperature. November's average high of 44.1 °F was 2.8 degrees cooler than the historical average high, with the average minimum temperature of 35.8 °F being cooler than the historical average by 2.7 degrees. November had 10 days with above average highs and 9 days with above average lows. November had its highest temperature on the 29th at 57 degrees. This was 16 degrees above the average for the day. Also, November had 25 days where the low temperatures were at or below freezing. November 11th tied the record Low for the day of 13 °F.

November's precipitation total for 2017 was 1.6 in., which was 1.08 in. below the average. The 2017 liquid-equivalent year to date now is 40.85 in. The total for 2017 is 5.34 inches above the year to date average of 35.51 in. Eighty-four percent of the precipitation fell within the first half of the month. The largest daily precipitation amount occurred on November 13th with 0.24 inches. This year, November received a trace of snowfall.

Nick Alonzo, Hannah Alto, Becca Arnold, Harry Bretz, Kevin Doom, Ryne James, Alec Van Maldegiam — Cooperative Observers;

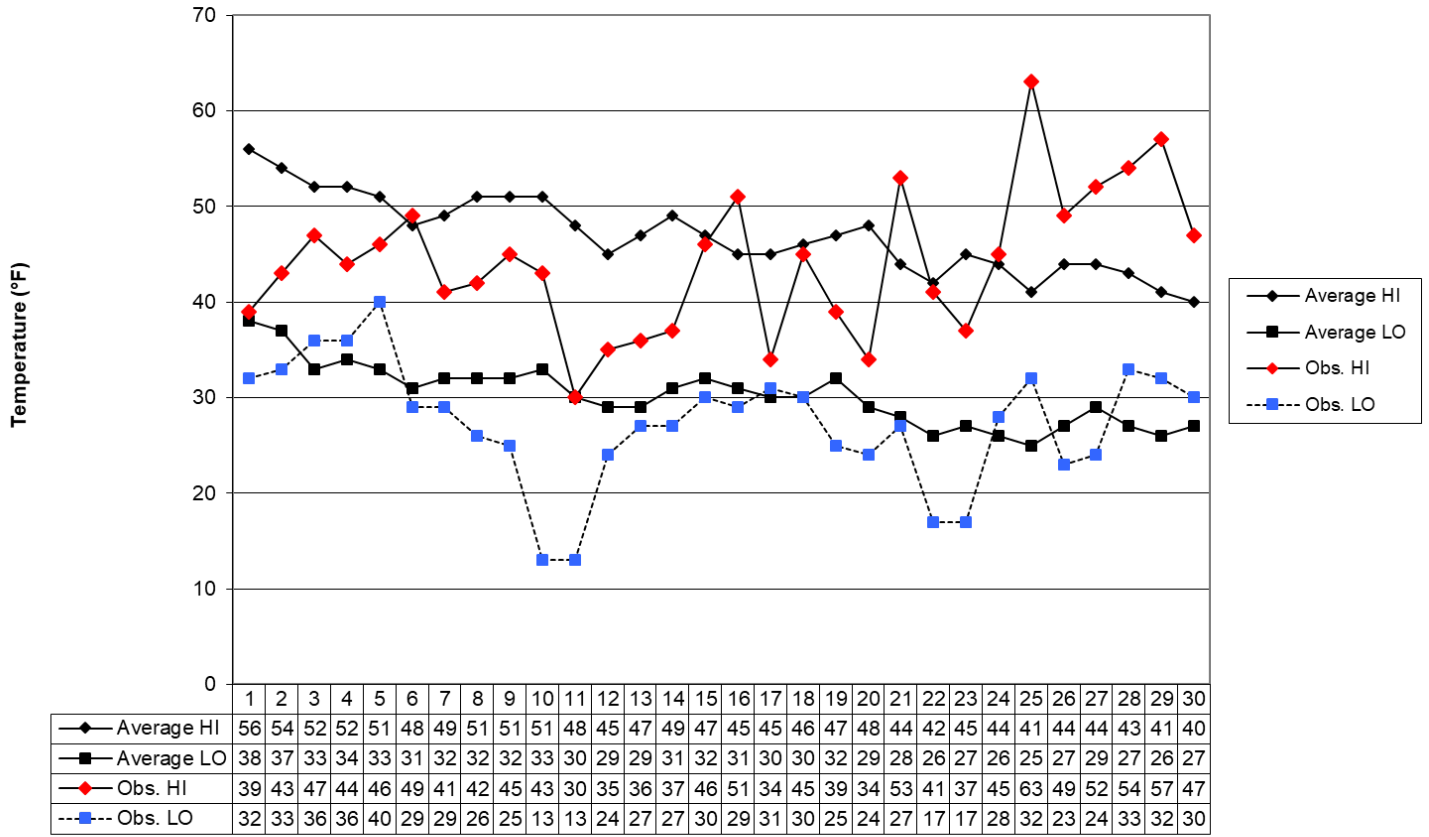
John Anderson — Weather Directors

This summary was prepared by John Anderson, 7 December 2017. 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.

November 2017 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by John Anderson, NIU Weather Director



Day