

MONTHLY CLIMATE SUMMARY, NOVEMBER 2015

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	82	15	56	38	50	41	45.5	0	19.5	0	0.7	0
2	77	12	54	37	63	41	52	0	13	2	0	0
3	75	8	52	33	72	44	58	0	7	8	0	0
4	75	8	52	34	63	44	53.5	0	11.5	3.5	0	0
5	75	1	51	33	71	53	62	0	3	12	0	0
6	74	11	48	31	70	42	56	0	9	6	0.22	0
7	75	7	49	32	49	33	41	0	24	0	0	0
8	72	6	51	32	51	30	40.5	0	24.5	0	0	0
9	76	8	51	32	51	30	40.5	0	24.5	0	0	0
10	74	13	51	33	54	31	42.5	0	22.5	0	0	0
11	74	8	48	30	55	32	43.5	0	21.5	0	0	0
12	72	11	45	29	61	40	50.5	0	14.5	0.5	0.51	0
13	69	3	47	29	47	33	40	0	25	0	0	0
14	73	2	49	31	46	26	36	0	29	0	0	0
15	70	2	47	32	58	28	43	0	22	0	0	0
16	73	-2	45	31	63	40	51.5	0	13.5	1.5	0	0
17	72	-2	45	30	53	45	49	0	16	0	0.47	0
18	71	5	46	30	60	48	54	0	11	4	1.92	0
19	73	6	47	32	60	38	49	0	16	0	0.01	0
20	67	3	48	29	42	28	35	0	30	0	0	0
21	72	2	44	28	38	28	33	0	32	0	0.35	3.5
22	68	0	42	26	31	6	18.5	0	46.5	0	0.4	4
23	67	-2	45	27	25	8	16.5	0	48.5	0	0	0
24	64	-5	44	26	35	21	28	0	37	0	0	0
25	64	-6	41	25	39	25	32	0	33	0	0	0
26	65	-4	44	27	50	35	42.5	0	22.5	0	T	0
27	65	-2	44	29	57	35	46	0	19	0	0.84	0
28	66	-6	43	27	36	28	32	0	33	0	0.01	0
29	64	-3	41	26	35	25	30	0	35	0	0	0
30	65	-9	40	27	38	36	24	0	28	0	T	0

Temperature

1981-2010 AVG. HI: 46.9 (F)
 1981-2010 AVG. LOW: 30.1 (F)
 1981-2010 AVG. TEMP.: 38.5 (F)
 November 2015 AVG. HI: 50.8 (F)
 November 2015 AVG. LO: 32.7 (F)
 November 2015 AVG. TEMP.: 41.8 (F)

Precipitation

November 2015 TOTAL: 5.43 in.
 November AVG.: 2.68 in.
 November 2015 SNOW: 7.5 in.
 November SNOW AVG: 1.1 in.
 2015 liquid-eq. YEAR TO DATE: 36.34 in.
 liquid-eq. YEAR TO DATE AVG.: 35.51 in.
 2015-16 Seasonal SNOW TO DATE: 7.5 in.
 Seasonal SNOW TO DATE AVG.: 1.2 in.

Degree Days

COOLING: 11/15: 0
 1/15-Now: 655
 HEATING: 11/15: 697.5
 7/15-Now: 1158.5
 GROWING: 11/15: 37.5
 1/15-Now: 2970

Discussion

November had above average temperatures. The average month temperature of 41.8°F is 3.3 degrees warmer than the historical average. November's average high is 50.8 degrees, which is 3.9 degrees warmer than the historical average high. Also, the average low of 32.7 degrees is 2.6 degrees above the historical average. November had fifteen days with above average highs and eighteen days with above average lows. At the beginning of the month, November had three days that were twenty or more degrees above the average high temperature. The coldest temperatures were observed at the end of the month with the observed low temperature on the 22nd and the observed high temperature on the 23rd being twenty degrees cooler than their respective daily historical averages.

November's precipitation total for 2015 was 5.43 in., which is more than double the average precipitation total for November. November had seven and a half inches of snow, which is 6.4 in. above the average snowfall for the month. The year-to-date liquid equivalent now stands at 36.34 in., which is 0.83 in. above the year-to-date average. The greatest amounts of precipitation were during a six day stretch from the 17th to the 22nd with 58% of the precipitation falling during those six days. The greatest single day precipitation total was on the 18th with 1.92 inches. This accounted for over a third of the total monthly precipitation.

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This summary was prepared by Jim Kolar; 14 December 2015. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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

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November 2015 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Jim Kolar, NIU Weather Director

