

MONTHLY CLIMATE SUMMARY, NOVEMBER 2014

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	82	15	56	38	41	30	35.5	0	0	29.5	0	0
2	77	12	54	37	44	26	35	0	0	30	0	0
3	75	8	52	33	50	26	38	0	0	27	0	0
4	75	8	52	34	62	40	51	1	0	14	0.02	0
5	75	1	51	33	54	34	44	0	0	21	0	0
6	74	11	48	31	59	34	46.5	0	0	18.5	T	0
7	75	7	49	32	43	28	35.5	0	0	29.5	0	0
8	72	6	51	32	43	28	35.5	0	0	29.5	0.05	0
9	76	8	51	32	47	32	39.5	0	0	25.5	0	0
10	74	13	51	33	54	32	43	0	0	22	0	0
11	74	8	48	30	62	39	50.5	0.5	0	14.5	0	0
12	72	11	45	29	39	25	32	0	0	33	0.08	T
13	69	3	47	29	27	21	24	0	0	41	T	T
14	73	2	49	31	28	21	24.5	0	0	40.5	T	T
15	70	2	47	32	29	15	22	0	0	43	T	T
16	73	-2	45	31	30	16	23	0	0	42	0.08	0.80
17	72	-2	45	30	30	8	19	0	0	46	T	T
18	71	5	46	30	17	6	11.5	0	0	53.5	T	T
19	73	6	47	32	22	7	14.5	0	0	50.5	T	T
20	67	3	48	29	29	14	21.5	0	0	43.5	T	T
21	72	2	44	28	26	5	15.5	0	0	49.5	0	0
22	68	0	42	26	36	7	21.5	0	0	43.5	0.12	T
23	67	-2	45	27	49	34	41.5	0	0	23.5	T	0
24	64	-5	44	26	49	34	41.5	0	0	23.5	0.63	0
25	64	-6	41	25	39	17	28	0	0	37	0.35	1.4
26	65	-4	44	27	23	14	18.5	0	0	46.5	0	0
27	65	-2	44	29	26	16	21	0	0	44	0	0
28	66	-6	43	27	25	10	17.5	0	0	47.5	T	T
29	64	-3	41	26	32	17	24.5	0	0	40.5	0	0
30	65	-9	40	27	47	29	38	0	0	27	0	0

Temperature

1981-2010 AVG. HI: 46.9 (F)
 1981-2010 AVG. LOW: 30.1 (F)
 1981-2010 AVG. TEMP.: 38.5 (F)
 November 2014 AVG. HI: 38.7 (F)
 November 2014 AVG. LO: 22.2 (F)
 November 2014 AVG. TEMP.: 30.5 (F)

Precipitation

November 2014 TOTAL: 1.33 in.
 November AVG.: 2.68 in.
 November 2014 SNOW: 2.2 in.
 November SNOW AVG: 1.1 in.
 2014 liquid-eq. YEAR TO DATE: 35.31 in.
 liquid-eq. YEAR TO DATE AVG.: 35.51 in.
 2014-15 Seasonal SNOW TO DATE: 2.2 in.
 Seasonal SNOW TO DATE AVG.: 1.2 in.

Degree Days

COOLING: 11/14: 0
 1/14-Now: 655
 HEATING: 11/14: 1036.5
 7/14-Now: 1632
 GROWING: 11/14: 1.5
 1/14-Now: 2689

Discussion

November's had below average temperatures. The average month temperature of 30.5°F is eight degrees cooler than the historical average. November's average high is 38.7 degrees, which is just over eight degrees cooler than the historical average high. Also, the average low of 22.2 degrees is almost eight degrees below the historical average. November had only eight days with above average highs and seven days with above average lows. In the middle of the month, November had two days that were only one degree away from tying the record low for each day.

Novembers' precipitation total for 2014 was 1.33 in., which is more than fifty percent under the average precipitation total for November. November had just over two inches of snow, which is double the average snowfall for the month. The year-to-date liquid equivalent now stands at 35.31 in., which just 0.20 in. below the year-to-date average. The greatest amounts of precipitation were at the end of the month with over a half an inch of rain on the 24th and almost an inch and a half of snow the following day.

Dustin Harter, Joe Rodey, Ed Tierney, Adam Troxell, Will Wight —Cooperative Observers

Jodi Wright—Weather Director

This summary was prepared by Jodi Wright; 14 December 2014. Forecast information (updated once daily at approx. 7:30 am): (815) 762-3230.

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

