

MONTHLY CLIMATE SUMMARY, NOVEMBER 2016
NIU WEATHER SERVICE: DE KALB, IL.

Day	Record		Average		Obs.		Obs. AVG	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO						
1	82	15	56	38	61	41	51	1	0	14	T	0.0
2	77	12	54	37	76	58	67	17	2	0	T	0.0
3	75	8	52	33	63	46	54.5	4.5	0	10.5	0.85	0.0
4	75	8	52	34	63	38	50.5	0.5	0	14.5	T	0.0
5	75	1	51	33	64	37	50.5	0.5	0	14.5	0	0.0
6	74	11	48	31	69	45	57	7	0	8	0	0.0
7	75	7	49	32	69	44	56.5	6.5	0	8.5	0	0.0
8	72	6	51	32	65	44	54.5	4.5	0	10.5	0	0.0
9	76	8	51	32	61	36	48.5	0	0	16.5	0	0.0
10	74	13	51	33	57	36	46.5	0	0	18.5	0	0.0
11	74	8	48	30	64	41	52.5	2.5	0	12.5	0	0.0
12	72	11	45	29	52	29	40.5	0	0	24.5	0	0.0
13	69	3	47	29	52	29	40.5	0	0	24.5	0	0.0
14	73	2	49	31	57	33	45	0	0	20	0	0.0
15	70	2	47	32	61	37	49	0	0	16	0	0.0
16	73	-2	45	31	59	37	48	0	0	17	0	0.0
17	72	-2	45	30	60	39	49.5	0	0	15.5	0	0.0
18	72	5	46	30	72	46	59	9	0	6	0	0.0
19	73	6	47	32	64	33	48.5	0	0	16.5	T	0.0
20	67	3	48	29	35	19	27	0	0	38	0	0.0
21	72	2	44	28	33	21	27	0	0	38	0	0.0
22	68	0	42	26	40	22	31	0	0	34	0.01	0.0
23	67	-2	45	27	38	31	34.5	0	0	30.5	0.35	0.0
24	64	-5	44	26	43	35	39	0	0	26	0.21	0.0
25	64	-6	41	25	36	34	35	0	0	30	T	0.0
26	65	-4	44	27	39	35	37	0	0	28	0	0.0
27	65	-2	44	29	47	32	39.5	0	0	25.5	0	0.0
28	66	-6	43	27	42	32	37	0	0	28	0.68	0.0
29	64	-3	41	26	50	38	44	0	0	21	0.68	0.0
30	65	-9	40	27	54	30	42	0	0	23	0	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 2016 AVG HI: 54.9 °F
 November 2016 AVG LOW: 36.0 °F
 November 2016 AVG TEMP: 45.4 °F

Precipitation

November 2016 TOTAL: 2.78 in.
 November AVG: 2.68 in.
 November 2016 SNOW: 0 in.
 November SNOW AVG.: 1.1 in.
 2016 Liquid-Eq. YEAR TO DATE: 37.05 in.
 Liquid-Eq. YEAR TO DATE AVG: 35.51 in.
 2016-2017 Seasonal SNOW TO DATE: 0 in.
 Seasonal SNOW TO DATE AVG: 1.2 in.

Degree Days

COOLING: 11/16: 2
 1/16-Now: 984.5
 HEATING: 11/16: 590
 7/16-Now: 918.5
 GROWING: 11/16: 53
 1/16-Now: 3419

Discussion

November's average temperature was 45.4 °F, which is 6.9 degrees warmer than the historical average temperature. November's average high of 54.9 degrees was 8 degrees warmer than the historical average high, with the average minimum temperature being warmer than the historical average by 5.9 degrees. November had 23 days with above average highs and 25 days with above average lows. November had its highest temperature on the 2nd at 76 degrees. This was 22 degrees above the average for the day. Also, November had 7 days where low temperatures were at the freezing point or below freezing. November 18th saw a record-breaking high temperature of 72 °F, which is 1 degree above the previous record for that day.

November's precipitation total for 2016 was 2.78 in., which was 0.10 in. above the average. The 2016 liquid-equivalent year to date now is 37.05 in. The total for 2016 is nearly two inches above the year to date average of 35.51 in. Forty-nine percent of the precipitation fell within the last eight days of the month. The largest precipitation occurred on November 3rd with 0.85 in. of rain. This accounted for thirty-one percent of the monthly accumulation. This year, November did not receive any snowfall.

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This summary was prepared by Daniel O'Sullivan Jr, 3 December 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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

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November 2016 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Daniel O'Sullivan Jr, NIU Weather Director

