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

Day 1 2 3 4 5 6 7 8 9 10 11 23 4 5 6 7 8 9 10 11 23 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 12 3 4 5 6 7 8 9 10 12 3 4 5 6 7 8 9 10 12 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 3 14 5 6 7 8 9 10 11 12 13 14 5 6 7 8 9 10 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 11	Record HI 82 77 75 75 75 74 75 72 76 74 74 72 69 73 70 73 70 73 72 72 73 67 72 68	Record LO 15 12 8 8 1 11 7 6 8 13 8 11 3 2 2 -2 -2 5 6 3 2 0	Average HI 56 54 52 52 51 48 49 51 51 51 48 45 47 49 47 45 45 46 47 48 44 42	Average LO 38 37 33 34 33 31 32 32 32 32 33 30 29 29 31 32 31 30 30 30 30 32 29 29 29 29 29 21 29 22 29 22 29 22 29 22 20 22 29 22 20 22 20 22 20 22 22 22 22 22 22 22	Obs. HI 61 76 63 63 64 69 65 61 57 64 52 57 61 59 60 24 53 30	Obs. LO 41 58 46 38 37 45 44 44 36 36 41 29 29 33 37 37 39 46 33 19 21 22	Obs. AVG 51 67 54.5 50.5 50.5 57 56.5 54.5 48.5 52.5 40.5 40.5 40.5 40.5 49 48 49.5 59 48.5 27 27 31	GDD 1 17 4.5 0.5 7 6.5 4.5 0 2.5 0 0 2.5 0 0 0 0 0 0 9 0 0 0 0 0 0	CDD 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HDD 14 0 10.5 14.5 14.5 8 8.5 10.5 16.5 18.5 12.5 24.5 24.5 24.5 20 16 17 15.5 6 16.5 38 38 34	Precip. (in) T 0.85 T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Snowfall (in) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 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		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
<u>Temperature</u> 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				Novemb Novemb Novemb 2016 Liq Liquid-E 2016-20	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.				gree Days OLING: ATING: OWING:	11/16: 2 1/16-Now: 984.5 11/16: 590 7/16-Now: 918.5 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 2^{nd} 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.

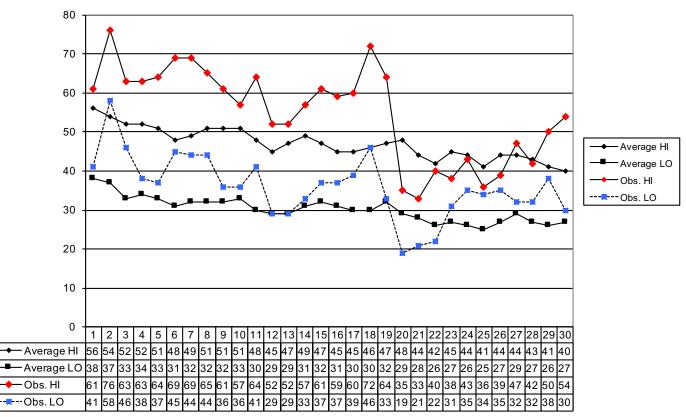
November's precipitation total for 2016 was 2.78 in., which was 0.10 in. above the average. The 2016 liquid-equivalent year to date now is 37.05 in. The total for 2016 is nearly two inches above the year to date average of 35.51 in. Forty-nine percent of the precipitation fell within the last eight days 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.

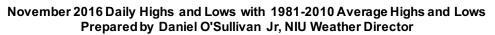
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This summary was prepared by Daniel O'Sullivan Jr, 3 December 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327. *Climate Website: http://climate.niu.edu*

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