MONTHLY CLIMATE SUMMARY, DECEMBER 2014 NIU WEATHER SERVICE: DE KALB, IL.

Day 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Record HI 63 64 66 69 64 65 66 63 59 56 60 55 60 58 57 56 57 57 57 55 58	Record LO 4 -5 -14 -4 -7 -9 -8 -18 -15 -10 -19 -12 -14 -17 -13 -12 -17 -19 -18 -12 -17	Average HI 38 38 38 36 35 35 34 34 34 35 34 37 32 33 35 34 31 29 29 30 31 31 31	Average LO 26 24 23 21 21 18 19 21 20 19 17 18 21 20 19 15 15 16 16 16	Obs. HI 40 19 32 38 33 38 38 36 34 29 32 37 43 46 44 43 25 25 29 30 36 45	Obs. LO 17 12 18 20 23 29 25 25 30 28 22 26 37 40 40 22 20 20 21 26 30 30 30	Obs. Avg. 28.5 15.5 25 29 28 33.5 31.5 31.5 33 25.5 27 31.5 40 43 42 32.5 22.5 22.5 28 33 37.5	GDD 0 0 0 0 0 0 0 0 0 0 0 0	HDD 36.5 49.5 40 36 37 31.5 33.5 32 34 39.5 25 22 23 32.5 42.5 40 37 32 27.5	CDD 0 0 0 0 0 0 0 0 0 0 0	Precip. (in) 0 0 0 0 0 T 0 0.05 0.14 0 T T 0 0.12 0.02 T 0 0 0.01 T 0.35	Snowfall (in) 0 0 0 0 0 0 T T T T 0 0 0 T T T T T
24 25	55 60	-22 -13	29 27	14 12	46 36	33 31	39.5 33.5	0 0	25.5 31.5	0 0	0 0.01	0 0
26	56	-22	28	12	43	32	37.5	0	27.5	0	0	0
27	55	-20	30	17	50	34	42	0	23	0	T	0
28 29	64 63	-24 -12	33 32	18 17	47 34	19 19	33 26.5	0 0	32 38.5	0 0	0 0	0 0
30	59	-13	31	14	28	6	34	0	48	0	0	0
31	57	-14	33	18	17	1	9	0	56	0	0	0
<u>Temperature</u>			Precipitation						e Days			
1981-2010 AVG. HI: 35.6(F)				December 2014 TOTAL: 0.7 in.					COOLING:		12/14: 0	
1981-2010 AVG. LOW: 17.9(F)				December AVG.: 2.17 in.					HEATING:		1/14-Now: 655	
1981-2010 AVG. TEMP.: 26.8(F) December 2014 AVG. HI: 35.8(F)				December 2014 SNOW: Trace December SNOW AVG: 10.0 in.					HEATING.		12/14: 1080.5 7/14-Now: 2712.5	
December 2014 AVG. LO: 24.5(F)				2014 liquid-eq. YEAR TO DATE: 36.01 in.					GROWING:		12/14: 0	
	per 2014 AV			liquid-eq. YEAR TO DATE AVG.: 36.79 in. 2014-15 Seasonal SNOW TO DATE: 2.2 in. Seasonal SNOW TO DATE AVG.: 11.2 in.					GRO	11.0.		Now: 2689

Discussion

December's average temperature was 30.6°F, which is 3.8 degrees warmer than the historical average. December was the only month in 2014 that had a positive temperature anomaly. December's average high of 35.8 degrees and low of 24.5 degrees were above average. There were 19 days with above average high temperatures and 25 days with above average low temperatures.

Decembers' precipitation total was 0.7 in, which is almost inch and a half below the average precipitation for December. The average snow total for December is 10 inches, but in December 2014 there was only a trace amount of snow recorded. The 2014-15 snow to date remains at 2.2 in, which is nine inches below the seasonal average for snowfall. The year-to-date liquid equivalent is now 36.01, which is only within an inch below the average year-to-date liquid equivalent.

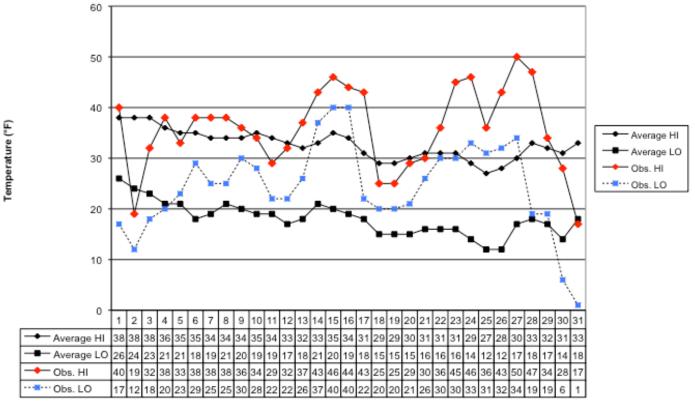
Jim Kolar, Dustin Harter, Joe Rodey, Ed Tierney, Adam Troxell, Will Wight —Cooperative Observers Jodi Wright—Weather Director

This summary was prepared by Jodi Wright, 8 January 2015. 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.

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



Day