## MONTHLY CLIMATE SUMMARY, OCTOBER 2012 NIU WEATHER SERVICE: DE KALB, ILL.

Day 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Record HI 93 90 89 92 89 92 87 89 86 87 86 87 86 84 87 85 88	Record LO 28 25 26 27 26 20 26 20 26 22 23 21 20 22 21 20 22 21 21 21	Average HI 73 70 67 68 66 67 66 65 66 64 64 66 65 63 63 63	Average LO 45 44 45 43 44 43 43 43 43 43 42 40 41 42 41 42	Obs. HI 79 79 76 74 76 58 69 76 58 69 76 72 74 76 70 60 63	Obs. LO 47 50 57 64 47 41 44 44 47 48 55 43 40 40	Obs. Avg. 59.5 64.5 69 61.5 49.5 56.5 60 59.5 61 65.5 50 51.5	GDD 9.5 14.5 19 16.5 19 11.5 0 6.5 10 9.5 11 15.5 6.5 0 1.5	CDD 0 4 1.5 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HDD 5.5 0.5 0 0 3.5 15.5 8.5 5.5 4 0 8.5 15 13.5	Precip. (in) 0 0 0.35 T 0.19 0.01 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.
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	85 87 86 86 87 84 83 80 77 82 82 78 80 83 85	25 22 18 18 22 20 22 18 22 15 19 19 15 13 16	63 62 60 59 59 58 57 58 57 58 57 58 57 58 58 58 58 58 58	41 40 39 38 39 38 37 38 37 39 38 39 40 37 36 38 37	66 53 54 49 53 59 47 37 41 40 50 52 54 55 56 61	46 46 37 35 28 29 28 26 24 28 28 28 36 38 48	56 49.5 45.5 43 44 47 37.5 33 34.5 33 37 40 41 45.5 47 54.5	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		9 15.5 19.5 22 21 18 27.5 32 30.5 32 28 25 24 19.5 18 10.5	0.1 0.08 0.19 0.05 T T 0 0.07 T 0 0 0 0 0 0 0 0 0 0 0 0 0.8	0.0 0.0 0.0 0.0 0.0 0.0 T 0.0 0.0 0.0 0.
<u>Temperature</u> 1981-2010 AVG. HI: 65.7(F) 1981-2010 AVG. LOW: 40.5(F) 1981-2010 AVG. TEMP.: 51.4(F) October 2013 AVG. HI: 61.3(F) October 2013 AVG. LO: 41.1(F) October 2013 AVG. TEMP.: 51.2(F)			OctoOctoOctoOctoOcto20132(F)1iquia2013	<b>Precipitation</b> October 2013 TOTAL: 2.20 in. October AVG.: 2.85 in. October 2013 SNOW: T October SNOW AVG: 0.1 in. 2013 liquid-eq. YEAR TO DATE: 36.04in. liquid-eq. YEAR TO DATE AVG.: 32.83 in. 2013-2014 Seasonal Snow to Date: T Seasonal Snow to Date AVG: 0.1				Degree Days   COOLING: 10/13: 10   1/13-Now: 1/13-Now:   HEATING: 10/13: 437   7/13-Now: 7/13-Now:   GROWING: 10/13: 161   1/13-Now: 1/13-Now:		7 r: 556 1		

## Discussion

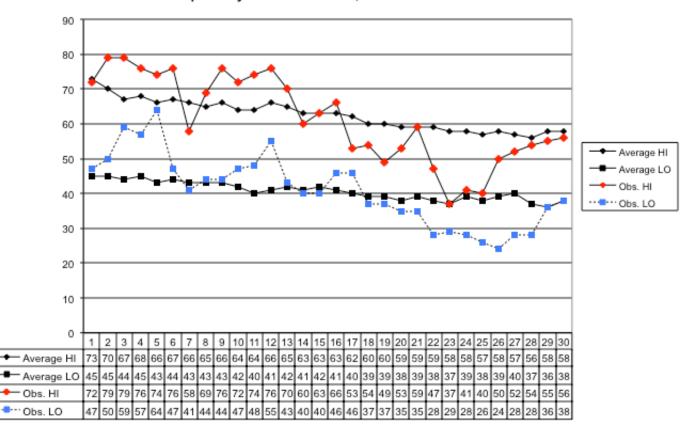
October's mean maximum temperature of 61.3°F was 4.4 degrees cooler than the historical average max, however, the mean minimum temperature was 0.6F warmer than average. October started out with high temperatures above the daily averages, the highest being 79 degrees occurring on the 2<sup>nd</sup> and the 3<sup>rd</sup>. Twelve days of October featured above average highs. The second half of the month had below mean temps. Thirteen days had below average lows, the coldest recorded on the 26<sup>th</sup> at 24 degrees. Overall October temps were right around average, with the average temperature of 51.2 being 0.2 degrees cooler than the historical mean of 51.4. Liquid Equivalent precipitation total for the month of October was 2.2in, some 77% of the October average. October also featured the first snowfall of the season, a trace amount being recorded.

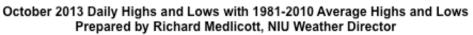
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Richard Medlicott-Weather Director

This summary was prepared by Richard Medlicott 1 November 2013. Forecast information (updated once daily at approx. 7:30 am): (847) 848-4082. Climate Website: http://climate.niu.edu

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