## MONTHLY CLIMATE SUMMARY, SEPTEMBER 2013 NIU WEATHER SERVICE: DE KALB, ILL.

	Record	Record	Average	Average	Obs.	Obs.	Obs.				Precip.	Snowfall
Day	HI	LO	HI	LO	HI	LO	Avg.	GDD	CDD	HDD	(in)	(in)
1	100	39	80	59	79	62	70.5	20.5	5.5	0	0.32	0.0
2	101	35	80	58	82	61	71.5	21.5	6.5	0	0.1	0.0
3	99	40	80	58	74	52	63	13	0	2	0	0.0
4	100	41	80	57	75	53	64	14	0	1	0	0.0
5	99	40	78	57	81	52	66.5	16.5	1.5	0	0	0.0
6	100	36	79	57	74	59	66.5	16.5	1.5	0	0	0.0
7*	101	37	80	58	-	-	-	-	-	-	0	0.0
8*	99	27	80	56	-	-	-	-	-	-	0	0.0
9	96	39	78	56	79	68	73.5	23.5	8.5	0	0	0.0
10	96	36	78	56	90	68	79	29	14	0	0	0.0
11	94	30	79	55	94	72	83	33	18	0	0	0.0
12	96	32	79	55	85	61	73	23	8	0	Т	0.0
13	98	33	78	55	77	47	62	12	0	3	0	0.0
14	100	29	77	54	66	44	55	5	0	10	0	0.0
15	101	33	75	52	69	45	57	7	0	8	0.08	0.0
16	92	30	74	52	58	49	53.5	3.5	0	11.5	0.65	0.0
17	94	33	73	51	65	47	56	6	0	9	0	0.0
18	97	30	75	53	70	48	59	9	0	6	Т	0.0
19	93	32	76	53	75	59	67	17	2	0	0.21	0.0
20	93	28	74	52	89	65	77	27	12	0	Т	0.0
21	94	32	71	49	71	50	60.5	10.5	0	4.5	Т	0.0
22	92	29	72	49	65	44	54.5	4.5	0	10.5	0	0.0
23	91	30	71	48	67	45	56	6	0	9	0	0.0
24	91	30	71	48	69	47	58	8	0	7	0	0.0
25	93	25	69	48	71	48	59.5	9.5	0	5.5	0	0.0
26	93	26	70	48	72	51	61.5	11.5	0	3.5	0	0.0
27	89	27	72	48	78	52	65	15	0	0	0	0.0
28	91	23	70	48	80	53	66.5	16.5	1.5	0	0	0.0
29	96	28	69	47	82	49	65.5	15.5	0.5	0	0.14	0.0
30	93	22	71	47	68	45	56.5	6.5	0	8.5	0	0.0

\*Temperature data for these dates are missing

Temperature	Precipitation	Degree Days	
1981-2010 AVG. HI: 75.3(F)	Sept. 2013 TOTAL: 1.50 in.	COOLING:	9/13: 79.5**
1981-2010 AVG. LOW: 52.8(F)	Sept. AVG.: 3.16 in.		1/13-Now: 719.5
1981-2010 AVG. TEMP .: 64.1(F)	Sept. 2013 SNOW: 0	HEATING:	9/13: 99**
Sept. 2013 AVG. HI: 75.2**(F)	Sept. SNOW AVG: 0		7/13-Now: 119
Sept. 2013 AVG. LO: 53.4**(F)	2013 liquid-eq. YEAR TO DATE: 33.84in.	GROWING:	9/13: 400.5**
Sept. 2013 AVG. TEMP.: 64.3**(F)	liquid-eq. YEAR TO DATE AVG .: 29.08 in.		1/13-Now: 2667.5
	2013-14 Seasonal SNOW TO DATE: 0		
	Seasonal SNOW TO DATE AVG .: 0		

\*\*Numbers based on available data

## **Discussion**

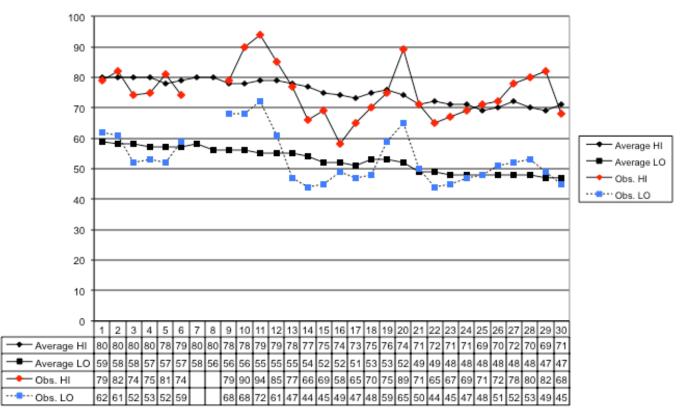
September's mean temperature of  $64.3^{\circ}$ F was very close to the historical normal of  $64.1^{\circ}$ F. September featured 12 days with above normal highs (2 of which were 90°F or above) and 14 with above normal lows. Most of September included high temperatures that were in 70's, with the highest temperature recorded on September 11<sup>th</sup> at 94°F. The lowest temperatures for September were recorded on the 14<sup>th</sup> and 22<sup>th</sup> at 44°F. Liquid Equivalent precipitation total for the month of September was 1.50in, which is 47% of the average 3.16 in. This brings the year to date precipitation to 33.84, which is still 4.76" above the yearly mean.

Jason Madden, Joe Rodey, Jodi Wright-Cooperative Observers; R.C. Medlicott-Weather Director

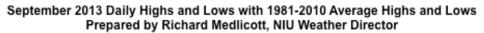
This summary was prepared by Richard Medlicott, 1 October 2013. Forecast information (updated once daily at approx. 7:30 am): (847) 848-4082.

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

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Temperature (°F)



Day