

# MONTHLY CLIMATE SUMMARY, OCTOBER 2014

## NIU WEATHER SERVICE: DE KALB, IL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
1	93	28	73	45	59	45	52	2	0	13	0	0.0
2	90	25	70	45	72	48	60	10	0	5	0	0.0
3	89	26	67	44	71	53	62	12	0	3	1.4	0.0
4	92	27	68	45	59	34	46.5	0	0	18.5	0.19	T
5	89	26	66	43	47	33	40	0	0	25	0.03	T
6	92	20	67	44	53	33	43	0	0	22	T	0.0
7	87	26	66	43	58	43	50.5	0.5	0	14.5	0.01	0.0
8	89	22	65	43	67	41	54	4	0	11	T	0.0
9	86	23	66	43	65	41	53	3	0	12	0	0.0
10	87	21	64	42	62	39	50.5	0.5	0	14.5	0	0.0
11	86	20	64	40	57	37	47	0	0	18	0	0.0
12	84	22	66	41	61	37	49	0	0	16	0	0.0
13	87	21	65	42	62	39	50.5	0.5	0	14.5	0.02	0.0
14	85	21	63	41	66	54	60	10	0	5	0.80	0.0
15	88	21	63	42	63	49	56	6	0	9	0.20	0.0
16	85	25	63	41	53	49	51	1	0	14	0.04	0.0
17	87	22	62	40	59	47	53	3	0	12	T	0.0
18	86	18	60	39	60	44	52	2	0	13	0.01	0.0
19	86	18	60	39	48	33	40.5	0	0	24.5	T	0.0
20	86	18	59	38	55	33	44	0	0	21	0	0.0
21	87	22	59	39	63	43	53	3	0	12	0	0.0
22	84	20	59	38	53	35	44	0	0	21	0	0.0
23	83	22	58	37	59	36	47.5	0	0	17.5	0	0.0
24	80	18	58	39	58	36	47	0	0	18	T	0.0
25	77	22	57	38	69	48	58.5	8.5	0	6.5	0	0.0
26	82	15	58	39	71	41	56	6	0	9	0	0.0
27	82	19	57	40	71	40	55.5	5.5	0	9.5	0	0.0
28	78	19	56	37	76	51	63.5	13.5	0	1.5	0	0.0
29	80	15	58	36	56	40	48	0	0	17	T	0.0
30	83	13	58	38	49	31	40	0	0	25	0	0.0
31	85	16	58	37	52	33	42.5	0	0	22.5	T	T

**Temperature**

1981-2010 AVG. HI: 65.7(F)  
 1981-2010 AVG. LOW: 40.5(F)  
 1981-2010 AVG. TEMP.: 53.1(F)  
 October 2014 AVG. HI: 60.5(F)  
 October 2014 AVG. LO: 40.8(F)  
 October 2014 AVG. TEMP.: 50.7(F)

**Precipitation**

October 2014 TOTAL: 2.70 in.  
 October AVG.: 2.85 in.  
 October 2014 SNOW: T  
 October SNOW AVG: 0.1 in.  
 2014 liquid-eq. YEAR TO DATE: 33.98 in.  
 liquid-eq. YEAR TO DATE AVG.: 32.83 in.  
 2014-2015 Seasonal SNOW TO DATE: T  
 Seasonal SNOW TO DATE AVG: 0.1

**Degree Days**

COOLING: 10/14: 0  
 1/14-Now: 655  
 HEATING: 10/14: 445  
 7/14-Now: 595.5  
 GROWING: 10/14: 91  
 1/14-Now: 2687.5

**Discussion**

October's average temperature was 50.7°F, which is just over two degrees cooler than the historical average temperature. October's average high of 60.5 degrees was over five degrees cooler than the historical average high; however, the average minimum temperature was warmer than the historical average but only by 0.3 degrees. October only had nine days with above average highs and twelve days with above average lows. October had temperatures in the low to mid 70s towards the end of the month, but saw a trace of snow only three days later.

Octobers' precipitation total for 2014 is 2.70 in., which is just below the average. The 2014 liquid-equivalent year to date now is 33.98 in. The total for 2014 is over an inch above the year to date average of 32.83 in. Ninety-eight percent of the precipitation fell the first half of the month with 1.4 in. of precipitation recorded on the 3<sup>rd</sup> day of the month. October had the first snowfalls of the season. There were three days with trace amounts recorded. Two days of snowfall at the beginning of the month and the last snow recorded at the end of the month.

---

Dustin Harter, Joe Rodey, Ed Tierney, Adam Troxell, Will Wight—Cooperative Observers; Jodi Wright—Weather Director  
 This summary was prepared by Jodi Wright 3 November 2014. 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.**

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

