

**MONTHLY CLIMATE SUMMARY, MAY 2015**  
**NIU WEATHER SERVICE: DE KALB, IL.**

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip (in.)	Snowfall (in.)
1	89	27	64	43	56	37	46.5	0	18.5	0	0	0
2	90	27	65	44	69	42	55.5	0	9.5	5.5	0	0
3	89	28	65	44	76	54	65	0	0	15	0	0
4	90	26	66	43	73	57	65	0	0	15	0.76	0
5	92	27	68	45	73	50	61.5	0	3.5	11.5	1.33	0
6	94	28	70	46	60	49	54.5	0	10.5	4.5	0.01	0
7	89	24	71	47	81	50	65.5	0.5	0	15.5	0	0
8	89	28	68	47	83	62	72.5	7.5	0	22.5	0.04	0
9	95	25	72	49	78	60	69	4	0	19	0.25	0
10	90	25	72	48	67	47	57	0	8	7	0.02	0
11	91	24	72	48	62	47	54.5	0	10.5	4.5	0.8	0
12	92	29	70	47	68	45	56.5	0	8.5	6.5	0.19	0
13	88	29	68	47	56	39	47.5	0	17.5	0	0.01	0
14	90	28	68	46	59	41	50	0	15	0	0	0
15	90	31	69	47	64	47	55.5	0	9.5	5.5	0.17	0
16	91	29	69	47	76	60	68	3	0	18	0.18	0
17	92	33	73	48	78	63	70.5	5.5	0	20.5	0.04	0
18	94	31	72	49	83	65	74	9	0	24	0	0
19	95	30	71	50	71	43	57	0	8	7	0	0
20	95	32	73	50	58	39	48.5	0	16.5	0	0	0
21	94	31	72	49	47	41	44	0	21	0	0.08	0
22	93	35	73	49	68	43	55.5	0	9.5	5.5	0	0
23	93	30	73	51	74	50	62	0	3	12	0	0
24	94	33	73	50	81	55	68	3	0	18	0	0
25	92	28	71	50	73	60	66.5	1.5	0	16.5	0.7	0
26	97	31	70	50	78	65	71.5	6.5	0	21.5	0.14	0
27	97	30	72	51	75	61	68	3	0	18	0.66	0
28	96	33	72	51	75	58	66.5	1.5	0	16.5	0	0
29	93	31	74	53	82	63	72.5	7.5	0	22.5	0	0
30	94	35	76	54	81	65	73	8	0	23	0.1	0
31	107	35	78	56	67	41	54	0	11	4	0.34	0

**Temperature**

1981-2010 AVG. HI: 71.3(F)  
 1981-2010 AVG. LOW: 48.3(F)  
 1981-2010 AVG. TEMP.: 59.8(F)  
 May 2015 AVG. HI: 70.7(F)  
 May 2015 AVG. LO: 51.6(F)  
 May 2015 AVG. TEMP: 61.2(F)

**Precipitation**

May 2015 TOTAL: 5.82 in.  
 May AVG.: 4.55in.  
 May 2015 SNOW: 0.0 in.  
 May SNOW AVG: 0  
 2015 liquid-eq. YEAR TO DATE: 12.28 in.  
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.  
 2014-15 Seasonal SNOW TO DATE: 36 in.  
 Seasonal SNOW TO DATE AVG.: 35.8 in.

**Degree Days**

COOLING: 5/15: 60.5  
 1/15-Now: 60.5  
 HEATING: 5/15: 180  
 7/14-Now: 7248.5  
 GROWING: 5/15: 359  
 1/15-Now: 452.5

**Discussion**

May 2015 had an average temperature of 61.2 degrees with an average high of 70.7 degrees and an average low of 51.6 degrees. While the average high temperature was near the historical average, the average low was 3.3 degrees warmer than that of the historical average. The average temperature was also warmer than the historical average by 1.4 degrees. The lowest high temperature in May was on the 21<sup>st</sup> at 47 degrees which was 25 degrees below average.

Total precipitation for the month was 5.82 inches, which is 1.27 inches above the historical average of 4.55 inches for May. Year to date precipitation stands at 12.28 inches, which is 0.81 inches below average. The month of May helped to catch us up with our annual average precipitation by 1.72 inches. This year ranks 8<sup>th</sup> for the most precipitation in the month of May since 1966. May 4<sup>th</sup> and 5<sup>th</sup> accounted for 36% of the monthly precipitation.

We have now had our first cooling degree days at 60.5 days. There were 180 heating degree days making the total since last July 7248.5 days. There were 359 growing degree days for the month, making the yearly total 452.5.

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This summary was prepared by Jim Kolar, 2 June 2015. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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.**

**May 2015 Daily Highs and Lows with 1981-2010 Average Highs and Lows**  
 Prepared by Jim Kolar, NIU Weather Director

