

## **MONTHLY CLIMATE SUMMARY, APRIL 2018**

### **NIU WEATHER SERVICE: DE KALB, IL.**

Day	Record		Average		Obs.		Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	Obs. LO						
1	84	16	56	34	55	20	37.5	0	27	0	T	0
2	81	14	53	34	30	18	24	0	41	0	0	0
3	80	14	57	35	43	18	30.5	0	34	0	0.03	0
4	79	13	56	34	38	24	31	0	34	0	0.15	0.2
5	80	15	53	33	34	21	27.5	0	37	0	0	0
6	83	12	55	33	37	20	28.5	0	36	0	T	T
7	79	8	56	33	34	15	24.5	0	40	0	0	0
8	83	12	55	33	37	15	26	0	39	0	0	0
9	77	18	52	33	40	19	29.5	0	35	0	0.06	1.4
10	92	17	54	34	36	25	30.5	0	34	0	T	T
11	90	18	57	35	44	25	34.5	0	30	0	0	0
12	82	18	57	37	64	32	48	0	17	0	0.07	0
13	82	18	56	37	69	39	54	0	11	4	0	0
14	84	20	58	37	48	36	42	0	23	0	0.08	0
15	85	17	61	39	38	32	35	0	30	0	0.27	0
16	87	16	61	40	35	25	30	0	35	0	0.12	T
17	87	22	60	39	33	25	29	0	36	0	T	T
18	87	21	62	39	43	28	35.5	0	29	0	0	0
19	90	22	64	42	34	27	30.5	0	34	0	T	0.5
20	84	22	63	41	52	28	40	0	25	0	0	0
21	90	22	63	41	64	32	48	0	17	0	0	0
22	91	20	60	39	55	41	48	0	17	0	T	0
23	91	22	61	40	62	41	51.5	0	13	2	0	0
24	85	17	62	40	68	42	55	0	10	5	0	0
25	85	21	67	43	71	41	56	0	9	6	0	0
26	92	25	68	43	60	34	47	0	18	0	0	0
27	91	22	66	42	67	37	52	0	13	2	0	0
28	88	25	64	41	66	36	51	0	14	1	T	0
29	89	25	63	42	54	29	41.5	0	23	0	0	0
30	92	29	66	44	62	32	47	0	18	0	0	0

#### Temperature

1981-2010 AVG HI: 59.5°F  
 1981-2010 AVG LOW: 37.8°F  
 1981-2010 AVG TEMP.: 48.7°F  
 April 2018 AVG HI: 49.1°F  
 April 2018 AVG LOW: 28.6°F  
 April 2018 AVG TEMP: 38.8°F

#### Precipitation

April 2018 TOTAL: 0.78 in.  
 April AVG: 3.26 in.  
 April 2018 SNOW: 2.1 in.  
 April SNOW AVG.: 0.8 in.  
 2018 Liquid-Eq. YEAR TO DATE: 6.36 in.  
 Liquid-Eq. YEAR TO DATE AVG: 8.54 in.  
 2017-2018 Seasonal SNOW TO DATE: 32.8 in.  
 Seasonal SNOW TO DATE AVG: 35.8 in.

#### Degree Days

COOLING: 4/18: 0  
 2/18-Now: 0  
 HEATING: 4/18: 779  
 7/17-Now: 6828.5  
 GROWING: 4/18: 20  
 2/18-Now: 20

#### Discussion

April's average temperature was 38.8 degrees, making it the coldest April on record (dating back to 1895). April's average temperature was 9.9 degrees cooler than the historical average of 48.7 degrees. April's average high of 49.1 degrees was cooler than the historical average. The average low temperature in April was also cooler than the historical average, with an average low temperature of 28.6 degrees. April had 22 days with at or below average highs and 26 days with at or below average lows. April had its highest temperature on the 25<sup>th</sup> at 71 degrees; this was 4 degrees above the average for the day. The lowest temperatures for the month came on 7<sup>th</sup> and 8<sup>th</sup> of April, with a temperature of 15 degrees. This was 18 degrees cooler than the average for both of those days. While it was a record cold April, it did not see any record-breaking temperatures.

The April 2018 precipitation total was 0.78 in., which was 2.48 in. below the 30-year average. The 2018 liquid-equivalent year to date now is 6.36 in, which is 2.18 inches below average. The total snowfall for the month of April was 2.1 inches, which is above the average of 0.8 inches by 1.3 inches. The highest amount of precipitation fell on the 15<sup>th</sup>, with 0.27 inches on that day. The highest snowfall for the month was on the 9<sup>th</sup> with 1.4 inches of snow.

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This summary was prepared by Nicholas Rodeo and John Anderson, 3 May 2018. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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

The Climate Summary is supported by the Department of Geographic and Atmospheric Sciences.

**April 2018 Daily Highs and Lows with 1981-2010 Average Highs and Lows  
Prepared by Nicholas Rodeo, NIU Weather Director**

