

## **MONTHLY CLIMATE SUMMARY, APRIL 2017**

### **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	84	16	56	34	39	33	36	0	29	0	0	0
2	81	14	53	34	57	34	45.5	0	19.5	0	0	0
3	80	14	57	35	56	44	50	0	15	0	0.02	0
4	79	13	56	34	55	44	49.5	0	15.5	0	0.3	0
5	80	15	53	33	53	42	47.5	0	17.5	0	0.17	0
6	83	12	55	33	42	37	39.5	0	25.5	0	0.7	0
7	79	8	56	33	51	32	41.5	0	23.5	0	0	0
8	83	12	55	33	56	32	44	0	21	0	0	0
9	77	18	52	33	67	36	51.5	0	13.5	1.5	0	0
10	92	17	54	34	74	53	63.5	0	1.5	13.5	0.02	0
11	90	18	57	35	71	43	57	0	8	7	0.03	0
12	82	18	57	37	51	35	43	0	22	0	0	0
13	82	18	56	37	63	36	49.5	0	15.5	0	0.21	0
14	84	20	58	37	62	43	52.5	0	12.5	2.5	0.05	0
15	85	17	61	39	71	45	58	0	7	8	0.33	0
16	87	16	61	40	79	58	68.5	3.5	0	18.5	0.74	0
17	87	22	60	39	70	43	56.5	0	8.5	6.5	0.01	0
18	87	21	62	39	72	42	57	0	8	7	0	0
19	90	22	64	42	74	44	59	0	6	9	0	0
20	84	22	63	41	66	47	56.5	0	8.5	6.5	0.06	0
21	90	22	63	41	66	40	53	0	12	3	0	0
22	91	20	60	39	53	39	46	0	19	0	0	0
23	91	22	61	40	61	37	49	0	16	0	0	0
24	85	17	62	40	71	40	55.5	0	9.5	5.5	0	0
25	85	21	67	43	73	44	58.5	0	6.5	8.5	0	0
26	92	25	68	43	77	51	64	0	1	14	0	0
27	91	22	66	42	71	42	56.5	0	8.5	6.5	0.89	0
28	88	25	64	41	44	38	41	0	24	0	0.02	0
29	89	25	63	42	57	38	47.5	0	17.5	0	0	0
30	92	29	66	44	45	37	41	0	24	0	1.64	0

#### Temperature

1981-2010 AVG HI: 59.5°F  
 1981-2010 AVG LOW: 37.8°F  
 1981-2010 AVG TEMP.: 48.7°F  
 April 2017 AVG HI: 61.6°F  
 April 2017 AVG LOW: 41.0°F  
 April 2017 AVG TEMP: 51.3°F

#### Precipitation

April 2017 TOTAL: 5.19 in.  
 April AVG: 3.26 in.  
 April 2017 SNOW: 0 in.  
 April SNOW AVG.: 0.8 in.  
 2017 Liquid-Eq. YEAR TO DATE: 12.58 in.  
 Liquid-Eq. YEAR TO DATE AVG: 8.54 in.  
 2016-2017 Seasonal SNOW TO DATE: 19.9 in.  
 Seasonal SNOW TO DATE AVG: 35.8 in.

#### Degree Days

COOLING: 4/17: 3.5  
 2/17-Now: 3.5  
 HEATING: 4/17: 415.5  
 7/16-Now: 5601  
 GROWING: 4/17: 117.5  
 2/17-Now: 144.5

#### Discussion

April's average temperature was 51.3 degrees, which is warmer than the historical average temperature of 48.7 degrees. April's average high of 61.6 degrees was warmer than the historical average, with the average low temperature being 3.2 degrees warmer than the historical average. April had 21 days with at or above average highs and 20 days with at or above average lows. April had its highest temperature on the 16<sup>th</sup> at 79 degrees; this was 18 degrees above the average for the day. April did not see any record-breaking temperatures.

The April 2017 precipitation total was 5.19 in., which was 1.93 in. above the 30-year average. The 2017 liquid-equivalent year to date now is 12.58 in, which is 4.04 inches above average. Forty-nine percent of the precipitation fell within the first half of the month. The highest amount of precipitation fell on the 30<sup>th</sup>, with 1.64 inches on that day. There was no snowfall for April, which is 0.8 in. below average.

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This summary was prepared by John Anderson, 5 May 2017. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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

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**April 2017 Daily Highs and Lows with 1981-2010 Average Highs and Lows**  
 Prepared by John Anderson, NIU Weather Director

