

## **MONTHLY CLIMATE SUMMARY, APRIL 2019**

### **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	40	21	30.5	0	34.5	0	0	0
2	81	14	53	34	49	26	37.5	0	27.5	0	0	0
3	80	14	57	35	51	32	41.5	0	23.5	0	0	0
4	79	13	56	34	58	32	45	0	20	0	0.13	0
5	80	15	53	33	46	40	43	0	22	0	0.06	0
6	83	12	55	33	52	40	46	0	19	0	0	0
7	79	8	56	33	67	42	54.5	0	10.5	4.5	0	0
8	83	12	55	33	67	45	56	0	9	6	0.04	0
9	77	18	52	33	73	42	57.5	0	7.5	7.5	0	0
10	92	17	54	34	66	33	49.5	0	15.5	0	0	0
11	90	18	57	35	38	33	35.5	0	29.5	0	0.11	0
12	82	18	57	37	57	35	46	0	19	0	0.21	0
13	82	18	56	37	46	31	38.5	0	26.5	0	0	0
14	84	20	58	37	51	31	41	0	24	0	T	T
15	85	17	61	39	35	25	30	0	35	0	0.57	6.7
16	87	16	61	40	46	27	36.5	0	28.5	0	0	0
17	87	22	60	39	73	46	59.5	0	5.5	9.5	0	0
18	87	21	62	39	74	47	60.5	0	4.5	10.5	0.01	0
19	90	22	64	42	50	41	45.5	0	19.5	0	0.04	0
20	84	22	63	41	57	33	45	0	20	0	0	0
21	90	22	63	41	65	33	49	0	16	0	0	0
22	91	20	60	39	78	44	61	0	4	11	0	0
23	91	22	61	40	79	47	63	0	2	13	0.09	0
24	85	17	62	40	63	43	53	0	12	3	0	0
25	85	21	67	43	58	42	50	0	15	0	0	0
26	92	25	68	43	71	44	57.5	0	7.5	7.5	0.32	0
27	91	22	66	42	62	42	52	0	13	2	0	0
28	88	25	64	41	43	27	35	0	30	0	0.86	2.7
29	89	25	63	42	51	28	39.5	0	25.5	0	1.06	0
30	92	29	66	44	50	43	46.5	0	18.5	0	0.6	0

#### Temperature

1981-2010 AVG HI: 59.5°F  
 1981-2010 AVG LOW: 37.8°F  
 1981-2010 AVG TEMP.: 48.7°F  
 April 2019 AVG HI: 57.2°F  
 April 2019 AVG LOW: 36.5°F  
 April 2019 AVG TEMP: 46.9°F

#### Precipitation

April 2019 TOTAL: 4.10 in.  
 April AVG: 3.26 in.  
 April 2019 SNOW: 9.4 in.  
 April SNOW AVG.: 0.8 in.  
 2019 Liquid-Eq. YEAR TO DATE: 10.93 in.  
 Liquid-Eq. YEAR TO DATE AVG: 8.54 in.  
 2018-2019 Seasonal SNOW TO DATE: 53.6 in.  
 Seasonal SNOW TO DATE AVG: 35.8 in.

#### Degree Days

COOLING: 4/19: 0  
 2/19-Now: 0  
 HEATING: 4/19: 544.5  
 7/18-Now: 6935.5  
 GROWING: 4/19: 74.5  
 2/19-Now: 75.5

#### Discussion

April's average temperature was 46.9 degrees, which is slightly cooler than the historical average temperature of 48.7 degrees. April's average high of 57.2 degrees was 2.3 degrees cooler than the historical average, with the average low temperature being 1.3 degrees cooler than the historical average. April had 18 days with at or below average highs and 19 days with at or below average lows. April had its highest temperature on the 23<sup>rd</sup> at 79 degrees; this was 18 degrees above the average for the day. April did not see any record-breaking temperatures.

April 2019 featured two remarkable late-season snow events, one being on the 15<sup>th</sup> when 6.7 inches fell, setting a record for largest one-day snowfall accumulation in April. The second event occurred on the 27<sup>th</sup>, when 2.7 inches fell, marking the second latest date measurable snow has been recorded since records have begun. The snowfall total for April finished at 9.4 inches (1175% of normal), surpassing 1975 to make it the snowiest April since records began. This brings the 2018-2019 seasonal snow total to 53.6 inches, making it the 4<sup>th</sup> snowiest season on record. The April precipitation total was 4.10 inches, which was 0.84 inches above average. This brings the 2019 liquid-equivalent year to date total to 10.93 in, which is 2.39 in above average.

April 2019 featured a total of 544.5 heating degree days (HDD) which brings the total to 6935.5 HDDs from 7/18 to now. April also featured 74.5 growing degree days (GDD), bringing the total of GDDs to 75.5 for 2019. April had 0 cooling degree days (CDD), keeping the total of CDDs at 0 for 2019.

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This summary was prepared by Luke Henderson, 16 May 2019. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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

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**April 2019 Daily Highs and Lows with 1981-2010 Average Highs and Lows**  
 Prepared by Luke Henderson, NIU Weather Director

