

MONTHLY CLIMATE SUMMARY, MARCH 2018

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record		Average		Obs.		CDD	HDD	GDD	Precip. (in)	Snowfall (in)	
	HI	LO	HI	LO	HI	Obs. LO						
1	65	-13	38	22	59	35	47	0	18	0	0.51	0
2	66	-9	41	22	44	27	35.5	0	29.5	0	T	0
3	72	-7	38	21	45	27	36	0	29	0	0	0
4	70	-8	37	21	46	30	38	0	27	0	0	0
5	71	-7	41	23	48	30	39	0	26	0	0	0
6	69	-7	41	24	40	27	33.5	0	31.5	0	0.24	1
7	70	-7	40	23	36	22	29	0	36	0	0.04	0.1
8	77	-13	40	23	31	18	24.5	0	40.5	0	T	T
9	73	-3	41	23	31	17	24	0	41	0	0	0
10	69	-2	40	22	37	17	27	0	38	0	0	0
11	69	-3	42	24	40	24	32	0	33	0	0	0
12	72	-6	44	24	42	27	34.5	0	30.5	0	0	0
13	77	5	45	27	44	24	34	0	31	0	0	0
14	71	5	46	28	36	20	28	0	37	0	T	0.1
15	77	9	47	27	47	19	33	0	32	0	0	0
16	79	-1	45	27	48	22	35	0	30	0	0	0
17	80	-2	45	28	40	22	31	0	34	0	0.1	T
18	80	-1	45	27	47	26	36.5	0	28.5	0	0	0
19	79	-8	44	28	53	26	39.5	0	25.5	0	0	0
20	77	2	46	27	48	27	37.5	0	27.5	0	0	0
21	82	4	46	28	38	24	31	0	34	0	0	0
22	83	1	46	28	42	22	32	0	33	0	0	0
23	80	0	50	29	49	22	35.5	0	29.5	0	0	0
24	84	3	51	31	46	27	36.5	0	28.5	0	0	0
25	81	3	52	32	37	24	30.5	0	34.5	0	0	0
26	80	7	51	33	43	24	33.5	0	31.5	0	0	0
27	82	9	53	33	51	28	39.5	0	25.5	0	0.54	0
28	82	8	54	34	46	35	40.5	0	24.5	0	0	0
29	84	12	53	33	50	35	42.5	0	22.5	0	0.07	0
30	84	5	52	34	51	32	41.5	0	23.5	0	0	0
31	81	7	55	35	50	32	41	0	24	0	T	0

Temperature

1981-2010 AVG HI: 45.4 °F
 1981-2010 AVG LOW: 27.0°F
 1981-2010 AVG TEMP.: 36.2 °F
 March 2018 AVG HI: 44.0 °F
 March 2018 AVG LOW: 25.6 °F
 March 2018 AVG TEMP: 34.8 °F

Precipitation

March 2018 TOTAL: 1.50 in.
 March AVG: 2.27 in.
 March 2018 SNOW: 1.2 in.
 March SNOW AVG.: 4.2 in.
 2018 Liquid-Eq. YEAR TO DATE: 5.58 in.
 Liquid-Eq. YEAR TO DATE AVG: 5.29 in.
 2016-2018 Seasonal SNOW TO DATE: 30.7 in.
 Seasonal SNOW TO DATE AVG: 33.9 in.

Degree Days

COOLING: 3/18: 0
 2/18-Now: 0
 HEATING: 3/18: 936.5
 7/17-Now: 6049.5
 GROWING: 3/18: 0
 2/18-Now: 0

Discussion

March's average temperature was 34.8 degrees, which is slightly cooler than the historical average temperature of 36.2 degrees. March's average high of 44.0 degrees which was also slightly cooler than the historical average of 45.4 degrees. The average low temperature of 25.6 degrees being 1.4 degrees cooler than the historical average of 27.0 degrees. March had 10 days with at or above average highs and 11 days with at or above average lows. March had its highest temperature on the 1st at 59 degrees; this was 21 degrees above the average for the day. March did not see any record-breaking temperatures.

March's precipitation total for 2018 was 1.50 in., which was 0.77 in. below the average. The 2018 liquid-equivalent year to date now is 5.58 in, which is 0.29 inches above average. The highest amount of precipitation fell on the 27th, with 0.54 inches on that day. The total snowfall for March was a 1.2 in., which is 3.0 in. below average. The largest snowfall accumulation happened on the 6th, with 1.0 inches.

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This summary was prepared by John Anderson, 12 April 2018. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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

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March 2018 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by John Anderson, NIU Weather Director

