

MONTHLY CLIMATE SUMMARY, MARCH 2017

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record	Record	Average	Average	Obs.	Obs.	Obs.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO	AVG					
1	65	-13	38	22	58	40	49	0	16	0	0.72	0
2	66	-9	41	22	40	27	33.5	0	31.5	0	T	T
3	72	-7	38	21	32	18	25	0	40	0	T	T
4	70	-8	37	21	32	18	25	0	40	0	0.4	0.8
5	71	-7	41	23	42	25	33.5	0	31.5	0	0	0
6	69	-7	41	24	57	32	44.5	0	20.5	0	T	0
7	70	-7	40	23	63	40	51.5	0	13.5	1.5	0.3	0
8	77	-13	40	23	50	36	43	0	22	0	T	0
9	73	-3	41	23	49	29	39	0	26	0	0	0
10	69	-2	40	22	41	22	31.5	0	33.5	0	0	0
11	69	-3	42	24	28	15	21.5	0	43.5	0	0	0
12	72	-6	44	24	28	15	21.5	0	43.5	0	0	0
13	77	5	45	27	33	17	25	0	40	0	0.09	1.6
14	71	5	46	28	30	16	23	0	42	0	T	0.2
15	77	9	47	27	24	13	18.5	0	46.5	0	0	0
16	79	-1	45	27	32	13	22.5	0	42.5	0	0	0
17	80	-2	45	28	42	16	29	0	36	0	0.01	0
18	80	-1	45	27	57	33	45	0	20	0	T	0
19	79	-8	44	28	42	27	34.5	0	30.5	0	0	0
20	77	2	46	27	52	29	40.5	0	24.5	0	0.2	0
21	82	4	46	28	58	36	47	0	18	0	0	0
22	83	1	46	28	51	23	37	0	28	0	0	0
23	80	0	50	29	40	22	31	0	34	0	0	0
24	84	3	51	31	46	31	38.5	0	26.5	0	0	0
25	81	3	52	32	79	38	58.5	0	6.5	8.5	0.08	0
26	80	7	51	33	49	39	44	0	21	0	0.45	0
27	82	9	53	33	57	44	50.5	0	14.5	0.5	0.03	0
28	82	8	54	34	51	40	45.5	0	19.5	0	0	0
29	84	12	53	33	52	35	43.5	0	21.5	0	0	0
30	84	5	52	34	47	35	41	0	24	0	1.04	0
31	81	7	55	35	44	35	39.5	0	25.5	0	1.03	0

Temperature

1981-2010 AVG HI: 45.4 °F
 1981-2010 AVG LOW: 27.0°F
 1981-2010 AVG TEMP.: 36.2 °F
 March 2017 AVG HI: 45.4 °F
 March 2017 AVG LOW: 27.7 °F
 March 2017 AVG TEMP: 36.5 °F

Precipitation

March 2017 TOTAL: 4.35 in.
 March AVG: 2.27 in.
 March 2017 SNOW: 2.6 in.
 March SNOW AVG.: 4.2 in.
 2017 Liquid-Eq. YEAR TO DATE: 7.39 in.
 Liquid-Eq. YEAR TO DATE AVG: 5.29 in.
 2016-2017 Seasonal SNOW TO DATE: 19.9 in.
 Seasonal SNOW TO DATE AVG: 33.9 in.

Degree Days

COOLING: 3/17: 0
 2/17-Now: 0
 HEATING: 3/17: 882.5
 7/16-Now: 5185.5
 GROWING: 3/17: 10.5
 2/17-Now: 27.0

Discussion

March's average temperature was 36.5 degrees, which is slightly warmer than the historical average temperature of 36.2 degrees. March's average high of 45.4 degrees matched the historical average, with the average low temperature being only 0.7 degrees warmer than the historical average. March had 13 days with above average highs and 19 days with at or above average lows. March had its highest temperature on the 25th at 79 degrees; this was 27 degrees above the average for the day. March did not see any record-breaking temperatures.

March's precipitation total for 2017 was 4.35 in., which was 2.08 in. above the average. The 2017 liquid-equivalent year to date now is 7.39 in., which is 2.10 inches above average. Sixty-five percent of the precipitation fell within the second half of the month. The highest amount of precipitation fell on the 30th, with 1.04 inches on that day. The total snowfall for March was a 2.6 in., which is 1.6 in. below average. The largest snowfall accumulation happened on the 13th, with 1.6 inches.

Sarah Black, Emma Falk, Lauren Haas, Matthew Mendez, Yesenia Nevarez, Andrew Pearson, Michael Pejkovich — Cooperative Observers;

Daniel O'Sullivan Jr — Weather Director

This summary was prepared by Daniel O'Sullivan Jr, 4 April 2017. 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 Geography, the College of Liberal Arts and Sciences, and the Department of Operations.

March 2017 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Dan O'Sullivan Jr, NIU Weather Director

