

MONTHLY CLIMATE SUMMARY, MARCH 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	65	-13	38	22	23	11	17	0	48	0	0.00	0.0
2	66	-9	41	22	34	22	28	0	37	0	0.00	T
3	72	-7	38	21	27	14	20.5	0	44.5	0	0.00	0.0
4	70	-8	37	21	18	-5	6.5	0	58.5	0	T	0.0
5	71	-7	41	23	11	-5	3	0	62	0	T	T
6	69	-7	41	24	19	6	12.5	0	52.5	0	0.00	T
7	70	-7	40	23	29	6	17.5	0	47.5	0	T	0.0
8	77	-13	40	23	26	14	20	0	45	0	0.00	T
9	73	-3	41	23	40	24	32	0	33	0	1.02	0.0
10	69	-2	40	22	39	30	34.5	0	30.5	0	0.00	0.0
11	69	-3	42	24	35	26	30.5	0	34.5	0	0.00	0.0
12	72	-6	44	24	38	24	31	0	34	0	0.52	0.0
13	77	5	45	27	46	24	35	0	30	0	0.07	0.0
14	71	5	46	28	55	37	46	0	19	0	0.10	0.0
15	77	9	47	27	62	34	48	0	17	0	0.00	0.0
16	79	-1	45	27	40	27	33.5	0	31.5	0	0.00	0.0
17	80	-2	45	28	41	27	34	0	31	0	0.00	0.0
18	80	-1	45	27	41	26	33.5	0	31.5	0	0.00	0.0
19	79	-8	44	28	42	27	34.5	0	30.5	0	T	0.0
20	77	2	46	27	49	27	38	0	27	0	T	0.0
21	82	4	46	28	46	35	40.5	0	24.5	0	0.00	0.0
22	83	1	46	28	47	33	40	0	25	0	0.00	0.0
23	80	0	50	29	49	26	37.5	0	27.5	0	T	0.0
24	84	3	51	31	51	26	38.5	0	26.5	0	0.16	0.0
25	81	3	52	32	46	31	38.5	0	26.5	0	0.00	0.0
26	80	7	51	33	44	26	35	0	30	0	0.00	0.0
27	82	9	53	33	49	29	39	0	26	0	T	0.0
28	82	8	54	34	58	30	44	0	21	0	0.00	0.0
29	84	12	53	33	64	38	51	0	14	1	0.24	0.0
30	84	5	52	34	56	37	46.5	0	18.5	0	0.00	0.0
31	81	7	55	35	42	21	31.5	0	33.5	0	0.00	0.0

Temperature

1981-2010 AVG HI: 45.4 °F
 1981-2010 AVG LOW: 27.0°F
 1981-2010 AVG TEMP.: 36.2 °F
 March 2019 AVG HI: 40.9 °F
 March 2019 AVG LOW: 23.5°F
 March 2019 AVG TEMP: 32.2°F

Precipitation

March 2019 TOTAL: 2.11 in.
 March AVG: 2.27 in.
 March 2019 SNOW: T
 March SNOW AVG.: 4.2 in.
 2019 Liquid-Eq. YEAR TO DATE: 6.83 in.
 Liquid-Eq. YEAR TO DATE AVG: 5.29 in.
 2016-2019 Seasonal SNOW TO DATE: 44.2 in.
 Seasonal SNOW TO DATE AVG: 33.9 in.

Degree Days

COOLING: 3/19: 0
 1/19-Now: 0
 HEATING: 3/19: 1017.5
 7/18-Now: 6391
 GROWING: 3/19: 1
 2/19-Now: 1

Discussion

March's average temperature was 32.2 degrees, which is considerably cooler than the historical average temperature of 36.2 degrees. March's average high of 40.9 degrees which was also considerably cooler than the historical average of 45.4 degrees. The average low temperature of 23.5 degrees being 3.5 degrees cooler than the historical average of 27.0 degrees. March had 10 days with at or above average highs and 21 days with at or above average lows. March had its highest temperature on the 29th at 64 degrees; this was 11 degrees above the average for the day. The lowest maximum temperature recorded during March was on March 5th, with a high of 11 degrees; this was 30 degrees below average for the day. March did not see any record-breaking temperatures.

March's precipitation total for 2019 was 2.11 in., which was 0.16 in. below the average. The 2019 liquid-equivalent year to date now is 6.83 in, which is 1.54 inches above average. The highest amount of precipitation fell on the 9th, with 1.02 inches on that day. 81% of March's precipitation fell in the first half of the month. The total snowfall for March was a trace, which is 4.2 in. below average.

March featured 0 cooling degree days (CDD), which keeps the total of CDDs in 2019 at 0. March had a total of 1017.5 heating degree days, (HDD) with 6391 total HDDs between 7/18 and now. The first growing degree day (GDD) of 2019 occurred on March 29th, and it was the only GDD recorded in March.

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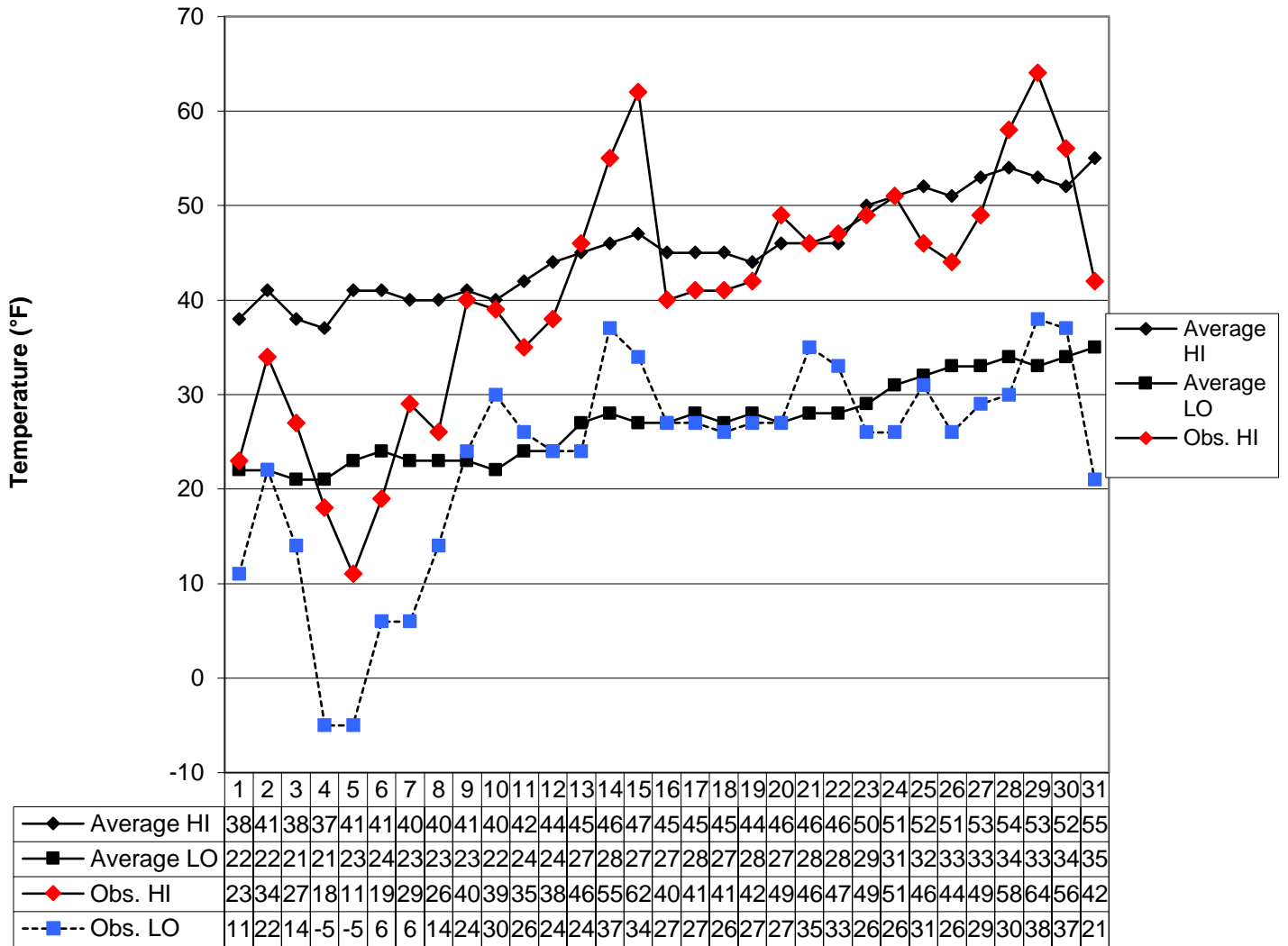
Luke Henderson, Nick Rodeo — Weather Co-Director

This summary was prepared by Luke Henderson, 4 April 2019. 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 2019 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Luke Henderson, NIU Weather Director



Day