

MONTHLY CLIMATE SUMMARY, MARCH 2016

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	-6	38.2	22.1	51	25	38	0	27	0	0.01	0
2	66	0	40.8	22.3	28	11	19.5	0	45.5	0	0.03	0.5
3	72	-7	37.9	21.2	31	12	21.5	0	43.5	0	0.06	0.8
4	70	-13	37.0	21.3	34	21	27.5	0	37.5	0	0	0
5	71	-9	40.8	23.1	37	22	29.5	0	35.5	0	0.08	0.7
6	69	-2	40.7	24.4	39	29	34	0	31	0	0	0
7	70	0	40.3	23.3	52	30	41	0	24	0	0	0
8	77	-4	40.1	22.5	61	43	52	0	13	2	T	0
9	73	-3	40.7	22.9	70	55	62.5	0	2.5	12.5	0.28	0
10	66	-2	40.4	21.9	61	41	51	0	14	1	0	0
11	69	-2	41.9	23.9	50	34	42	0	23	0	0	0
12	72	6	43.5	23.8	58	35	46.5	0	18.5	0	0	0
13	77	7	45.1	26.9	59	37	48	0	17	0	0.07	0
14	72	6	46.1	27.7	48	42	45	0	20	0	0.36	0
15	77	7	46.9	27.3	51	43	47	0	18	0	0.01	0
16	79	10	45.4	26.5	64	45	54.5	0	10.5	4.5	0.35	0
17	80	10	45.3	27.8	56	37	46.5	0	18.5	0	0.01	0
18	80	9	44.7	27.2	55	30	42.5	0	22.5	0	0	0
19	79	14	44.4	27.7	47	30	38.5	0	26.5	0	0	0
20	76	10	45.8	27.1	46	31	38.5	0	26.5	0	0.03	T
21	82	10	46.2	27.7	43	28	35.5	0	29.5	0	0	0
22	83	10	45.9	27.7	49	28	38.5	0	26.5	0	0	0
23	80	12	49.6	28.8	63	37	50	0	15	0	0	0
24	74	3	51.2	30.5	42	35	38.5	0	26.5	0	0.24	0
25	71	10	51.6	32.0	39	25	32	0	33	0	1.05	0.1
26	77	13	50.6	32.6	46	25	35.5	0	29.5	0	0	0
27	77	9	52.9	32.5	54	34	44	0	21	0	0	0
28	77	8	53.6	33.5	49	39	44	0	21	0	0.03	0
29	76	12	52.9	33.3	53	34	43.5	0	21.5	0	0	0
30	84	8	51.5	33.8	58	34	46	0	19	0	0	0
31	81	10	55.4	34.5	63	42	52.5	0	12.5	2.5	0.3	0

Temperature

1981-2010 AVG. HI: 45.4 (F)
 1981-2010 AVG. LOW: 27.0 (F)
 1981-2010 AVG. TEMP.: 36.2 (F)
 March 2016 AVG. HI: 50.2 (F)
 March 2016 AVG. LO: 32.7 (F)
 March 2016 AVG. TEMP.: 41.5 (F)

Precipitation

March 2016 TOTAL: 2.91 in.
 March AVG.: 2.27 in.
 March 2016 SNOW: 2.1 in.
 March SNOW AVG: 4.2 in.
 2016 liquid-eq. YEAR TO DATE: 4.00 in.
 liquid-eq. YEAR TO DATE AVG.: 5.29 in.
 2015-16 Seasonal SNOW TO DATE: 23.5 in.
 Seasonal SNOW TO DATE AVG.: 33.9 in.

Degree Days

COOLING: 3/16: 0
 3/16-Now: 0
 HEATING: 3/16: 729.5
 7/15-Now: 5209.5
 GROWING: 3/16: 22.5
 3/16-Now: 22.5

Discussion

March's average temperature of 41.5°F was over five degrees above the historical average temperature. The average high temperature of 50.2°F was 4.8 degrees above the historical average. Also, the average low temperature of 32.7°F was 5.7 degrees above the historical average. March 2016 had the 4th highest minimum temperature and the 6th highest mean temperature on record since 1966. There were only five days where the daily low temperature fell below the historical average. This is also the first time growing degree days have been observed for 2016.

March had 2.91 inches of liquid precipitation, which is 0.64 inches above the average precipitation for the month. The year to date liquid-equivalent is 4.00 inches, which is just over 75 percent of the historical average for liquid-equivalent year to date. The month's snow total was 2.1 inches, which is half of the historical average. The 2015-16 seasonal snow to date total now stands at 23.5 inches, which just over ten inches below the seasonal snow to date average.

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This summary was prepared by Jim Kolar, 8 April 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.
 Climate Website: <http://climate.niu.edu>

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March 2016 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Jim Kolar, NIU Weather Director

