

MONTHLY CLIMATE SUMMARY, MARCH 2020

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record		Average		Obs.		Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO						
1	65	-13	38	22	35	12	23.5	0	41.5	0	0	0
2	66	-9	41	22	58	26	42	0	23	0	0	0
3	72	-7	38	21	42	28	35	0	30	0	T	T
4	70	-8	37	21	45	28	36.5	0	28.5	0	T	T
5	71	-7	41	23	45	30	37.5	0	27.5	0	0	0
6	69	-7	41	24	50	28	39	0	26	0	T	T
7	70	-7	40	23	39	21	30	0	35	0	0	0
8	77	-13	40	23	51	21	36	0	29	0	0	0
9	73	-3	41	23	64	30	47	0	18	0	0.13	0
10	69	-2	40	22	52	35	43.5	0	21.5	0	0.63	0
11	69	-3	42	24	46	34	40	0	25	0	T	0
12	72	-6	44	24	44	33	38.5	0	26.5	0	0	0
13	77	5	45	27	51	30	40.5	0	24.5	0	T	0
14	71	5	46	28	47	30	38.5	0	26.5	0	0	0
15	77	9	47	27	34	27	30.5	0	34.5	0	0.09	0.5
16	79	-1	45	27	41	29	35	0	30	0	0	0
17	80	-2	45	28	37	20	28.5	0	36.5	0	0.06	T
18	80	-1	45	27	43	28	35.5	0	29.5	0	0	0
19	79	-8	44	28	42	36	39	0	26	0	0.17	0
20	77	2	46	27	60	37	48.5	0	16.5	0	0.47	0
21	82	4	46	28	37	23	30	0	35	0	0	0
22	83	1	46	28	36	22	29	0	36	0	0	0
23	80	0	50	29	33	25	29	0	36	0	0.21	3
24	84	3	51	31	36	24	30	0	35	0	0	0
25	81	3	52	32	48	26	37	0	28	0	0	0
26	80	7	51	33	55	25	40	0	25	0	0	0
27	82	9	53	33	56	36	46	0	19	0	0	0
28	82	8	54	34	53	36	44.5	0	20.5	0	1.93	0
29	84	12	53	33	62	43	52.5	0	12.5	2.5	0.49	0
30	84	5	52	34	45	36	40.5	0	24.5	0	0	0
31	81	7	55	35	52	33	42.5	0	22.5	0	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 2020 AVG HI: 46.4 °F
 March 2020 AVG LOW: 28.8 °F
 March 2020 AVG TEMP.: 37.6 °F

Precipitation

March 2020 TOTAL: 4.18 in.
 March AVG: 2.27 in.
 March 2020 SNOW: 3.5 in.
 March SNOW AVG.: 4.2 in.
 2020 Liquid-Eq. YEAR TO DATE: 7.54 in.
 Liquid-Eq. YEAR TO DATE AVG: 5.29 in.
 2019-2020 Seasonal SNOW TO DATE: 34.6 in.
 Seasonal SNOW TO DATE AVG: 33.9 in.

Degree Days

COOLING: 3/20: 0
 2/20-Current: 0
 HEATING: 3/20: 849.5
 7/19-Current: 5303.0
 GROWING: 3/20: 2.5
 2/20-Current: 0

Discussion

March 2020's average temperature was 37.6°F, which is slightly warmer than the 30-year average temperature of 36.2°F. March's average high of 46.4°F was also slightly warmer than the 30-year average of 45.4°F. The average low temperature of 28.8°F was also warmer than the historical average of 27.0°F. There were 16 days in March with high temperatures at or above the 30-year average high, and 20 days with low temperatures at or above the 30-year average low. The highest temperature of the month was 64°F on 3/9; there were no record high temperatures recorded during the month. The lowest temperature of the month was 12°F; there were also no record low temperatures recorded.

March's precipitation total for 2020 was 4.18 in., which was 1.91 in. above the 30-year average. The 2020 liquid-equivalent year to date amount is now 7.54 in., which is 2.25 in. above the historical YTD average. The highest amount of daily precipitation was 1.93 in. on 3/28. The total snowfall for the month was 3.5 in., which is 0.7 in. below 30-year average. The largest daily snowfall accumulation was 3.0 in. on 3/23. March 2020 was tied with March 2004 for being the 4th wettest month on record for Dekalb, since records began at the station in 1966.

March 2020 saw no cooling degree days. There were 849.5 heating degree days, bringing the total amount to 5303.0 since July of 2019. There were 2.5 growing degree days.

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This summary was prepared by Kyle Pittman, 5 May 2020. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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

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March 2020 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Kyle Pittman, NIU Weather Observer

