

MONTHLY CLIMATE SUMMARY, MAY 2018

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	89	27	64	43	80	41	60.5	0	4	11	0	0
2	90	27	65	44	84	54	69	4	0	19	0	0
3	89	28	65	44	83	60	71.5	7	0	22	1.94	0
4	90	26	66	43	74	59	66.5	2	0	17	0.03	0
5	92	27	68	45	74	53	63.5	0	1	14	0	0
6	94	28	70	46	81	55	68	3	0	18	T	0
7	89	24	71	47	74	48	61	0	4	11	0	0
8	89	28	68	47	77	50	63.5	0	1	14	0	0
9	95	25	72	49	80	53	66.5	2	0	17	0.54	0
10	90	25	72	48	80	54	67	2	0	17	0.01	0
11	91	24	72	48	73	45	59	0	6	9	0.02	0
12	92	29	70	47	52	43	47.5	0	17	0	0.05	0
13	88	29	68	47	51	43	47	0	18	0	0.73	0
14	90	28	68	46	63	48	55.5	0	9	6	0.22	0
15	90	31	69	47	79	57	68	3	0	18	1.18	0
16	91	29	69	47	74	49	61.5	0	3	12	T	0
17	92	33	73	48	80	51	65.5	1	0	16	0	0
18	94	31	72	49	80	53	66.5	2	0	17	0	0
19	95	30	71	50	74	57	65.5	1	0	16	0.07	0
20	95	32	73	50	70	46	58	0	7	8	0.03	0
21	94	31	72	49	57	46	51.5	0	13	2	0.9	0
22	93	35	73	49	65	52	58.5	0	6	9	0.45	0
23	93	30	73	51	69	53	61	0	4	11	0	0
24	94	33	73	50	78	55	66.5	2	0	17	0	0
25	92	28	71	50	86	63	74.5	10	0	25	0	0
26	97	31	70	50	87	64	75.5	11	0	26	0	0
27	97	30	72	51	90	66	78	13	0	28	0	0
28	96	33	72	51	96	70	83	18	0	33	0	0
29	93	31	74	53	92	70	81	16	0	31	0	0
30	94	35	76	54	90	69	79.5	15	0	30	0.03	0
31	107	35	78	56	80	67	73.5	9	0	24	1.07	0

Temperature

1981-2010 AVG. HI: 71.3(F)
 1981-2010 AVG. LOW: 48.3(F)
 1981-2010 AVG. TEMP.: 59.8(F)
 May 2018 AVG. HI: 76.5(F)
 May 2018 AVG. LO: 54.7(F)
 May 2018 AVG. TEMP.: 65.6(F)

Precipitation

May 2018 TOTAL: 7.27 in.
 May AVG.: 4.55 in.
 May 2018 SNOW: 0.0 in.
 May SNOW AVG: 0
 2018 liquid-eq. YEAR TO DATE: 13.63 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2017-18 Seasonal SNOW TO DATE: 32.8 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/18: 121
 2/18-Now: 121
 5/18: 93
 HEATING: 7/17-Now: 6921.5
 GROWING: 5/18: 498
 2/18-Now: 518

Discussion

The month of May 2018 has been the 7th warmest May since 1896. May's average temperature was 65.6 degrees, which is warmer than the historical average temperature of 59.8 degrees. May's average high of 76.5 degrees was 5.2 degrees warmer than the historical average, and the average low temperature, of 54.6 degrees, was 6.4 degrees warmer than the historical average. May had 24 days with at or above average highs and 25 days with at or above average lows. May had its highest temperature on the 26th at 96 degrees; this was 24 degrees above the average for the day. That same day, we reached the record temperature of 96 degrees, but did not set any new records for high or low temperatures in the month of May.

May of 2018 has also been the 9th wettest May since the May of 1896. The May 2018 precipitation total was 7.27 in., which was 2.72 in. above the 30-year average. The 2018 liquid-equivalent year to date now is 13.63 in, which is 0.54 inches above average. The highest amount of precipitation fell on the 3rd of the month, with 1.94 inches of rainfall occurring on that day. There was no snowfall for May, which matches the average amount for this month.

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This summary was prepared by Nick Rodeo on June 3rd 2018. 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.

May 2018 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Nick Rodeo, NIU Weather Director

