

MONTHLY CLIMATE SUMMARY, MAY 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	89	27	64	43	50	40	45	0	20	0	0.59	0
2	90	27	65	44	53	38	45.5	0	19	0	0.13	0
3	89	28	65	44	48	34	41	0	24	0	0.01	0
4	90	26	66	43	57	36	46.5	0	18	0	0	0
5	92	27	68	45	58	40	49	0	16	0	0	0
6	94	28	70	46	62	41	51.5	0	13	2	0.22	0
7	89	24	71	47	60	36	48	0	17	0	0	0
8	89	28	68	47	61	37	49	0	16	0	0	0
9	95	25	72	49	62	37	49.5	0	15	0	0.67	0
10	90	25	72	48	60	42	51	0	14	1	0.02	0
11	91	24	72	48	65	49	57	0	8	7	1.17	0
12	92	29	70	47	65	46	55.5	0	9	6	0	0
13	88	29	68	47	70	48	59	0	6	9	0	0
14	90	28	68	46	80	52	66	1	0	16	0	0
15	90	31	69	47	81	50	65.5	1	0	16	0	0
16	91	29	69	47	84	54	69	4	0	19	0	0
17	92	33	73	48	86	65	75.5	11	0	26	0	0
18	94	31	72	49	82	62	72	7	0	22	0.04	0
19	95	30	71	50	74	42	58	0	7	8	0	0
20	95	32	73	50	47	40	43.5	0	21	0	0.11	0
21	94	31	72	49	64	46	55	0	10	5	0.72	0
22	93	35	73	49	58	44	51	0	14	1	0	0
23	93	30	73	51	70	47	58.5	0	6	9	0	0
24	94	33	73	50	61	52	56.5	0	8	7	0.27	0
25	92	28	71	50	60	52	56	0	9	6	0.01	0
26	97	31	70	50	68	53	60.5	0	4	11	0	0
27	97	30	72	51	69	52	60.5	0	4	11	0.8	0
28	96	33	72	51	78	54	66	1	0	16	0	0
29	93	31	74	53	75	57	66	1	0	16	0	0
30	94	35	76	54	73	51	62	0	3	12	0	0
31	107	35	78	56	73	51	62	0	3	12	0	0

Temperature

1981-2010 AVG. HI: 71.3(F)
 1981-2010 AVG. LOW: 48.3(F)
 1981-2010 AVG. TEMP.: 59.8(F)
 May 2017 AVG. HI: 66.3(F)
 May 2017 AVG. LO: 46.7(F)
 May 2017 AVG. TEMP: 56.5(F)

Precipitation

May 2017 TOTAL: 4.76 in.
 May AVG.: 4.55 in.
 May 2017 SNOW: 0.0 in.
 May SNOW AVG: 0
 2017 liquid-eq. YEAR TO DATE: 17.34 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2016-17 Seasonal SNOW TO DATE: 19.9 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/17: 26
 1/17-Now: 29.5
 HEATING: 5/17: 238
 7/16-Now: 5839
 GROWING: 5/17: 284
 1/17-Now: 428.5

Discussion

May's average temperature was 56.6 degrees, which is cooler than the historical average temperature of 59.8 degrees. May's average high of 66.3 degrees was 5 degrees cooler than the historical average, with the average low temperature the average low temperature being 1.6 degrees cooler than the historical average. May had 9 days with at or above average highs and 13 days with at or above average lows. May had its highest temperature on the 17th at 86 degrees; this was 13 degrees above the average for the day. May did not see any record-breaking temperatures.

The May 2017 precipitation total was 4.76 in., which was 0.21 in. above the 30-year average. The 2017 liquid-equivalent year to date now is 17.34 in, which is 4.25 inches above average. Fifty-nine percent of the precipitation fell within the first half of the month. The highest amount of precipitation fell on the 11th, with 1.17 inches on that day. There was no snowfall for May, which matched the average.

Sarah Black, Emma Falk, Lauren Haas, Ryne James, Matthew Mendez, Yesenia Nevarez, Alec Van Maldegiam — Cooperative Observers;

John Anderson—Weather Director

This summary was prepared by John Anderson 3 June 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.

May 2017 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by John Anderson, NIU Weather Director

