

MONTHLY CLIMATE SUMMARY, MAY 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	89	27	64	43	49	43	46	0	19	0	0.70	0
2	90	27	65	44	49	42	45.5	0	19.5	0	0.74	0
3	89	28	65	44	60	40	50	0	15	0	0	0
4	90	26	66	43	67	42	54.5	0	10.5	4.5	0.41	0
5	92	27	68	45	56	38	47	0	18	0	0	0
6	94	28	70	46	65	39	52	0	13	2	0	0
7	89	24	71	47	83	52	67.5	2.5	0	17.5	0.10	0
8	89	28	68	47	65	43	54	0	11	4	0.05	0
9	95	25	72	49	66	47	56.5	0	8.5	6.5	0.01	0
10	90	25	72	48	60	50	55	0	10	5	0.65	0
11	91	24	72	48	68	55	61.5	0	3.5	11.5	0.26	0
12	92	29	70	47	72	56	64	0	1	14	2.51	0
13	88	29	68	47	69	46	57.5	0	7.5	7.5	T	0
14	90	28	68	46	65	39	52	0	13	2	0.55	0
15	90	31	69	47	49	34	41.5	0	23.5	0	0.02	0
16	91	29	69	47	56	39	47.5	0	17.5	0	0	0
17	92	33	73	48	69	47	58	0	7	8	0	0
18	94	31	72	49	63	40	51.5	0	13.5	1.5	0	0
19	95	30	71	50	66	43	54.5	0	10.5	4.5	0	0
20	95	32	73	50	71	49	60	0	5	10	0	0
21	94	31	72	49	69	54	61.5	0	3.5	11.5	0	0
22	93	35	73	49	76	56	66	1	0	16	0	0
23	93	30	73	51	82	53	67.5	2.5	0	17.5	0	0
24	94	33	73	50	83	57	70	5	0	20	0	0
25	92	28	71	50	86	61	73.5	8.5	0	23.5	0	0
26	97	31	70	50	86	61	73.5	8.5	0	23.5	0.47	0
27	97	30	72	51	83	67	75	10	0	25	0	0
28	96	33	72	51	80	67	73.5	8.5	0	23.5	0.10	0
29	93	31	74	53	82	63	72.5	7.5	0	22.5	0.67	0
30	94	35	76	54	79	64	71.5	6.5	0	21.5	T	0
31	107	35	78	56	86	65	75.5	10.5	0	25.5	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 2016 AVG. HI: 69.7(F)
 May 2016 AVG. LO: 50.1(F)
 May 2016 AVG. TEMP.: 59.9(F)

Precipitation

May 2016 TOTAL: 7.24 in.
 May AVG.: 4.55 in.
 May 2016 SNOW: 0.0 in.
 May SNOW AVG: 0
 2016 liquid-eq. YEAR TO DATE: 13.49 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2015-16 Seasonal SNOW TO DATE: 23.5 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/16: 71
 1/16-Now: 73.5
 HEATING: 5/16: 230
 7/15-Now: 5951
 GROWING: 5/16: 328.5
 1/16-Now: 464.5

Discussion

May 2016 had an average temperature of 59.9°F with an average high of 69.7°F and an average low of 50.1°F. The May average temperature of 59.9°F was similar to the historical average. The average high temperature was 1.6 degrees below the historical average temperature, while the average high temperature was 1.8 degrees above the historical average temperature. The lowest high temperatures in May occurred on the 1st, 2nd, and 15th, with May 15th being more distant to its respective historical average temperature by 20 degrees.

Total precipitation for the month was 7.24 inches, which is 2.69 inches above the historical average of 4.55 inches for May. Year to date precipitation stands at 13.49 inches, which is 0.40 inches above average. May 12th accounted for 36% of the monthly precipitation.

There were 230 heating degree days making the total since last July 5,951 days. There were 328.5 growing degree days for the month, making the yearly total 464.5.

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This summary was prepared by Dominique Watson, 8 June 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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

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May 2016 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Dominique Watson, NIU Weather Director

