

MONTHLY CLIMATE SUMMARY, APRIL 2016

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record		Average		Obs.	Obs.	Obs.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO	Avg.					
1	84	16	56	34	65	39	52	0	13	2	0.01	0
2	81	14	53	34	52	29	40.5	0	24.5	0	0.15	T
3	80	14	57	35	39	26	32.5	0	32.5	0	T	T
4	79	13	56	34	73	28	50.5	0	14.5	0.5	0	0
5	80	15	53	33	36	25	30.5	0	34.5	0	T	T
6	83	12	55	33	45	27	36	0	29	0	0.37	T
7	79	8	56	33	47	35	41	0	24	0	0.25	T
8	83	12	55	33	41	34	37.5	0	27.5	0	T	T
9	77	18	52	33	42	22	32	0	33	0	0.04	T
10	92	17	54	34	38	21	29.5	0	35.5	0	T	T
11	90	18	57	35	49	33	41	0	24	0	0.02	0
12	82	18	57	37	49	29	39	0	26	0	0	0
13	82	18	56	37	51	31	41	0	24	0	0	0
14	84	20	58	37	59	36	47.5	0	17.5	0	0	0
15	85	17	61	39	65	39	52	0	13	2	0	0
16	87	16	61	40	73	43	58	0	7	8	0	0
17	87	22	60	39	78	52	65	0	0	15	0	0
18	87	21	62	39	80	53	66.5	1.5	0	16.5	0	0
19	90	22	64	42	81	51	66	1	0	16	0	0
20	84	22	63	41	60	49	54.5	0	10.5	4.5	0.01	0
21	90	22	63	41	71	51	61	0	4	11	0.47	0
22	91	20	60	39	70	46	58	0	7	8	T	0
23	91	22	61	40	60	37	48.5	0	16.5	0	0	0
24	85	17	62	40	65	38	51.5	0	13.5	1.5	0	0
25	85	21	67	43	78	49	63.5	0	1.5	13.5	0	0
26	92	25	68	43	82	48	65	0	0	15	0.01	0
27	91	22	66	42	53	40	46.5	0	18.5	0	T	0
28	88	25	64	41	48	40	44	0	21	0	0.89	0
29	89	25	63	42	52	41	46.5	0	18.5	0	0.01	0
30	92	29	66	44	47	41	44	0	21	0	0.02	0
31	84	16	56	34	65	39	52	0	13	2	0.01	0

Temperature

1981-2010 AVG. HI: 59.5(F)
 1981-2010 AVG. LOW: 37.8(F)
 1981-2010 AVG. TEMP.: 48.7(F)
 April 2016 AVG. HI: 58.3 (F)
 April 2016 AVG. LO: 37.8 (F)
 April 2016 AVG. TEMP: 48.0 (F)

Precipitation

April 2016 TOTAL: 2.25 in.
 April AVG.: 3.26 in.
 April 2016 SNOW: Trace
 April SNOW AVG: 0.8 in.
 2016 liquid-eq. YEAR TO DATE: 6.25 in.
 liquid-eq. YEAR TO DATE AVG.: 8.54 in.
 2015-16 Seasonal SNOW TO DATE: 23.5 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 4/16: 2.5
 1/16-Now: 2.5
 HEATING: 4/16: 511.5
 7/15-Now: 5721
 GROWING: 4/16: 113.5
 1/16-Now: 136

Discussion

April's average temperature of 48°F just under one degree below the historical average temperature. The average high of 58.3 degrees was 1.2 degrees below the historical average. Also, the average low of 37.8 was exactly the historical average. April had 3 days with temperatures at 80 degrees or higher.

April had 2.25 inches of liquid precipitation, which about an inch below the average precipitation for the month. April 2016 had the eleventh lowest liquid precipitation amounts on record for DeKalb. Precipitation amounts were scattered throughout the month. About 40% of the total liquid precipitation fell on April 28th. The year to date liquid-equivalent is 6.25 in., which is over two inches less than the historical average for liquid-equivalent year to date. April only had eight days with a trace of snow. The 2015-16 seasonal snow to date total still stands at 23.5 inches. This month, we observed cooling degree days for the first time this year.

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This summary was prepared by Jim Kolar, 11 May 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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

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

