

MONTHLY CLIMATE SUMMARY, APRIL, 2007
NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	84	16	54	33	63	47	55	0	10	5	0.47	0.0
2	80	14	52	33	58	37	47.5	0	17.5	0	0.08	0.0
3	80	14	53	34	58	38	48	0	17	0	0.01	0.0
4	79	13	54	34	68	27	47.5	0	17.5	0	0.15	0.0
5	80	15	52	32	32	24	28	0	37	0	T	T
6	83	12	53	31	39	20	29.5	0	35.5	0	0.00	0.0
7	79	8	57	32	35	19	27	0	38	0	0.00	0.0
8	83	12	57	34	32	19	25.5	0	39.5	0	0.00	0.0
9	77	18	53	32	39	27	33	0	32	0	0.00	0.0
10	92	17	53	32	43	29	36	0	29	0	0.00	T
11	90	18	56	35	51	29	40	0	25	0	0.33	1.0
12	82	18	58	37	34	31	32.5	0	32.5	0	0.28	1.0
13	82	18	57	37	39	29	34	0	31	0	0.03	T
14	80	20	59	37	51	30	40.5	0	24.5	0	0.00	0.0
15	82	17	60	38	49	32	40.5	0	24.5	0	0.00	0.0
16	84	16	59	39	57	32	44.5	0	20.5	0	0.00	0.0
17	85	22	60	38	64	34	49	0	16	0	0.00	0.0
18	87	21	63	40	72	36	54	0	11	4	T	0.0
19	88	22	64	41	50	39	44.5	0	20.5	0	T	0.0
20	84	22	63	42	60	38	49	0	16	0	0.00	0.0
21	90	22	63	43	69	41	55	0	10	5	0.00	0.0
22	91	20	61	39	67	49	58	0	7	8	0.00	0.0
23	91	22	62	40	82	56	69	4	0	19	0.00	0.0
24	85	17	63	40	69	47	58	0	7	8	0.00	0.0
25	85	21	64	42	69	47	58	0	7	8	1.32	0.0
26	92	25	67	42	50	44	47	0	18	0	0.40	0.0
27	91	22	67	42	54	42	48	0	17	0	0.28	0.0
28	88	25	64	42	59	43	51	0	14	1	0.00	0.0
29	89	25	62	41	71	47	59	0	6	9	0.00	0.0
30	92	29	65	42	84	51	67.5	2.5	0	17.5	0.17	0.0

***New Record**

Temperature

1971-2000 AVG. HI: 59.2(F)
 1971-2000 AVG. LOW: 37.5(F)
 1971-2000 AVG. TEMP: 48.3(F)
 April 2007 AVG. HI: 55.6(F)
 April 2007 AVG. LO: 36.1(F)
 April 2007 AVG. TEMP: 45.9(F)

Precipitation

April TOTAL: 3.52 in
 April AVG: 3.52 in.
 SNOW: 2.0 in.
 AVG SNOW: 1.1 in
 YEAR TO DATE: 36.2 in
 YEAR TO DATE AVG: 23.2 in

Degree Days

COOLING: 4/07: 6.5
 1/07-Now: 10.0
 HEATING: 4/07: 580.5
 7/06-Now: 6489.5
 GROWING: 4/07: 84.5
 1/07-Now: 155.5

Discussion

April 2007 was a month that was slightly below average for temperatures and average for precipitation. In fact, the total precipitation for April 2007 of 3.52", was exactly the 30-year average for the month. For the year, DeKalb is above average for liquid precipitation with a recorded 9.7" since January 1st. The 30-year average for precipitation is 8.43". April 2007 was a cool month, with the average high, low, and mean monthly temperatures all below the 30-year averages, respectively. The month ranked as the 12th coldest on record for DeKalb, with an average temperature of 45.9°F. The coldest April was in 1975 with an average temperature of 43.8°F. The majority of the cold air was in the first half of the month, when there were three days where the high was at or below the average low. However, by the end of the month, the temperatures warmed up, with two of the last eight days over 80°F.

As with most spring months in the Midwest, April 2007 in DeKalb had large swings in the weather. One example was a high temperature of 68°F on April 4th that was followed by a trace of snow the next day.

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Forecast Information (updated once daily at approx. 7:30 am): (815) 753-1623

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.

April 2007 Daily Highs and Lows with 1971-2000 Average Highs and Lows

