

MONTHLY CLIMATE SUMMARY, APRIL 2005
NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	Precip. (in)	Snowfall (in)
1	84	16	54	33	60	36	48	0	17	0.00	0.0
2	81	14	52	32	57	35	46	0	19	0.20	0.0
3	82	14	53	34	57	32	44.5	0	20.5	0.00	0.0
4	79	13	54	34	66	35	50.5	0	14.5	0.00	0.0
5	80	15	52	32	75	44	59.5	0	5.5	0.00	0.0
6	83	12	53	31	77	50	63.5	0	1.5	0.00	0.0
7	79	8	57	32	78	43	60.5	0	4.5	0.12	0.0
8	83	12	57	34	59	39	49	0	16	0.00	0.0
9	77	18	53	32	66	41	53.5	0	11.5	0.00	0.0
10	92	17	53	32	70	43	56.5	0	8.5	0.00	0.0
11	90	18	56	35	81	53	67	2	0	0.00	0.0
12	82	18	58	37	78	46	62	0	3	0.04	0.0
13	82	18	57	37	47	35	41	0	24	0.70	0.0
14	80	20	59	37	57	36	46.5	0	18.5	0.00	0.0
15	85	17	60	38	66	36	51	0	14	0.00	0.0
16	87	16	59	39	68	40	54	0	11	0.00	0.0
17	87	22	60	38	74	44	59	0	6	0.03	0.0
18	87	21	63	40	76	50	63	0	2	T	0.0
19	90	22	64	41	82	52	67	2	0	0.00	0.0
20	84	22	63	42	81	52	66.5	1.5	0	0.00	0.0
21	90	22	63	43	72	42	57	0	8	0.00	0.0
22	91	20	61	39	60	42	51	0	14	0.33	0.0
23	91	22	62	40	46	34	40	0	25	0.22	0.0
24	84	17	63	40	43	31	37	0	28	0.00	0.0
25	85	21	64	42	53	32	42.5	0	22.5	0.00	0.0
26	92	25	67	42	66	36	51	0	14	0.03	0.0
27	91	22	67	42	55	36	45.5	0	19.5	0.05	0.0
28	88	25	64	42	55	37	46	0	19	0.00	0.0
29	89	25	62	41	57	40	48.5	0	16.5	0.00	0.0
30	92	29	65	42	56	39	47.5	0	17.5	0.00	0.0

***New Record**

Temperature

1971-2000 AVG. HI: 59.1°F
 1971-2000 AVG. LOW: 37.4°F
 1971-2000 AVG. TEMP: 48.2 °F
 April 2005 AVG. HI: 64.6 °F
 April 2005 AVG. LO: 40.4 °F
 April 2005 AVG. TEMP: 52.5°F

Precipitation

April TOTAL: 1.72 in.
 April AVG: 3.46 in.
 SNOW: 0.0 in.
 AVG SNOW: 1.2 in
 YEAR TO DATE: 7.07 in.
 YEAR TO DATE AVG: 8.53 in.

Degree Days

COOLING: 4/05: 5.5
 1/05-Now: 5.5
 HEATING: 4/05: 381
 7/02-Now: 6094

Discussion

Dry weather continued into April and temperatures were warmer than average through the first two-thirds of the month and colder than average the last eight days of the month. Even with an active weather pattern, most of the systems passed through northern Illinois very dry. For April, DeKalb totaled only 1.72 inches of rain, which is less than half of average and is in the driest third of all Aprils dating back to 1896. The highest daily precipitation total was 0.70" which fell on 13th. Due to the warm, dry conditions many farmers in northern Illinois were able to plant much of their corn.

April was 4.3°F warmer than the 30-year normal. This monthly average temperature fell in the warmest third of all April's since 1896. Although no record daily temperatures were set, three days had high temperatures above 80°F. The lowest minimum temperature (31°F) occurred on the 24th. Overall, the temperatures experienced this April may be remembered for the flip flop that occurred, with unusually warm conditions through the 22nd followed by a significant change in the weather patterns and much colder temperatures the rest of the month.

Sam Shea, Alan Black, and Matt Becker, Weather Directors/Cooperative Observers, NIU

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

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