

MONTHLY CLIMATE SUMMARY, AUGUST, 2006
NIU WEATHER SERVICE, DEKALB, IL

Day	Record	Record	Average	Average	Obs.	Obs.	Obs.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO	Avg.					
1	98	42	83	61	97	75	86	21	0	36	0.00	0.0
2	98	44	82	62	95	75	85	20	0	35	0.00	0.0
3	100	42	83	62	95	69	82	17	0	32	1.09	0.0
4	99	44	84	62	82	65	73.5	8.5	0	23.5	0.15	0.0
5	100	43	82	60	86	63	74.5	9.5	0	24.5	0.00	0.0
6	102	44	81	61	82	64	73	8	0	23	0.00	0.0
7	100	46	81	61	82	68	75	10	0	25	0.07	0.0
8	103	43	83	62	85	64	74.5	9.5	0	24.5	0.00	0.0
9	102	44	83	61	78	63	70.5	5.5	0	20.5	0.00	0.0
10	98	47	82	61	83	65	74	9	0	24	0.00	0.0
11	97	45	82	60	78	67	72.5	7.5	0	22.5	0.06	0.0
12	104	45	81	59	77	61	69	4	0	19	0.00	0.0
13	98	47	82	62	80	60	70	5	0	20	0.00	0.0
14	99	43	82	61	81	61	71	6	0	21	T	0.0
15	97	44	82	61	81	56	68.5	3.5	0	18.5	0.00	0.0
16	99	42	82	60	82	57	69.5	4.5	0	19.5	0.00	0.0
17	103	44	83	61	84	60	72	7	0	22	0.00	0.0
18	102	43	83	60	78	63	70.5	5.5	0	20.5	0.00	0.0
19	100	45	82	61	78	68	73	8	0	23	0.40	0.0
20	100	40	82	61	80	57	68.5	3.5	0	18.5	0.00	0.0
21	100	42	82	59	78	57	67.5	2.5	0	17.5	0.00	0.0
22	99	41	82	61	80	59	69.5	4.5	0	19.5	0.00	0.0
23	99	43	81	60	86	61	73.5	8.5	0	23.5	0.00	0.0
24	100	40	81	60	87	63	75	10	0	25	T	0.0
25	95	41	81	59	84	65	74.5	9.5	0	24.5	0.00	0.0
26	97	42	82	62	84	66	75	10	0	25	0.02	0.0
27	97	40	83	63	78	66	72	7	0	22	0.00	0.0
28	99	39	83	62	74	66	70	5	0	20	T	0.0
29	96	38	81	60	69	59	64	0	1	14	0.79	0.0
30	98	36	81	60	73	59	66	1	0	16	0.00	0.0
31	100	35	81	60	76	56	66	1	0	16	0.00	0.0

Temperature

1971-2000 AVG. HI: 82.0(F)
 1971-2000 AVG. LOW: 60.8(F)
 1971-2000 AVG. TEMP: 71.4(F)
 August 2006 AVG. HI: 81.7(F)
 August 2006 AVG. LO: 63.2(F)
 August 2006 AVG. TEMP: 72.4(F)

Precipitation

August TOTAL: 2.58 in
 August AVG: 4.45 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 22.43 in
 YEAR TO DATE AVG: 26.33 in

Degree Days

COOLING: 8/06: 231.5
 1/06-Now: 743.5
 HEATING: 7/06: 1
 7/06-Now: 1
 GROWING: 7/06: 695.5
 1/06-Now: 2473

Discussion

August 2006 started out hot with three consecutive days at or above 95°F, it cooled through the month with a high of 69°F on the 29th. In-between these extremes, the temperatures for the month of August were near the 30-year averages. On the whole August was slightly warmer than average by 1°F. When compared to the last 40 years of records, from 1966 – 2006, August 2006 ranked 18th coolest, 7.9°F shy of the warmest August in 1983, which had an average temperature of 89.6°F.

Our dry summer continued through August as our two-month precipitation deficit, for July and August, is 3.72". This has increased our yearly deficit to 3.9". This was only made worse by the continuation from July of missed opportunities. On the 24th, when DeKalb received only a trace of rain, Midway airport in Chicago received 1.12". Likewise, on the 11th, DeKalb received 0.07" and Midway airport received 2.38". However due to adequate precipitation during the first half of the year, our recent lack of rain has not been as noticeable as last year's drought. According to the U.S. Drought Monitor, updated on August 30th, we are not in any stage of drought. (<http://www.drought.unl.edu/dm/monitor.html>)

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

The Climate Summary is supported by the Department of Geography, the College of Liberal Arts and Sciences, and the Department of Operations.

**August
2006 Daily Highs and Lows with 1971-2000 Average Highs and Lows**

