

MONTHLY CLIMATE SUMMARY, AUGUST 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	98	42	83	61	86	64	75	10	0	0.00	0.0
2	98	44	83	61	91	64	77.5	12.5	0	0.00	0.0
3	100	42	83	61	91	71	81	16	0	0.00	0.0
4	99	44	82	61	91	72	81.5	16.5	0	0.01	0.0
5	100	43	83	61	89	64	76.5	11.5	0	0.00	0.0
6	102	44	83	61	83	60	71.5	6.5	0	0.00	0.0
7	100	46	83	61	87	63	75	10	0	0.00	0.0
8	103	43	82	61	89	64	76.5	11.5	0	0.00	0.0
9	102	44	82	60	92	66	79	14	0	0.00	0.0
10	98	47	82	60	96	68	82	17	0	0.12	0.0
11	97	45	82	60	87	69	78	13	0	0.05	0.0
12	104	45	82	60	79	65	72	7	0	1.35	0.0
13	98	47	82	61	83	66	74.5	9.5	0	T	0.0
14	99	43	82	61	75	62	68.5	3.5	0	0.00	0.0
15	97	44	83	61	75	60	67.5	2.5	0	0.00	0.0
16	99	42	83	61	82	60	71	6	0	0.00	0.0
17	103	44	83	61	83	62	72.5	7.5	0	0.00	0.0
18	102	43	83	61	85	63	74	9	0	0.00	0.0
19	100	45	83	61	83	66	74.5	9.5	0	0.96	0.0
20	100	40	82	60	88	67	77.5	12.5	0	1.66	0.0
21	100	42	82	60	84	61	72.5	7.5	0	0.00	0.0
22	99	41	82	59	81	57	69	4	0	0.00	0.0
23	99	43	82	60	73	55	64	0	1	0.00	0.0
24	100	40	81	60	74	56	65	0	0	0.00	0.0
25	95	41	82	60	78	58	68	3	0	0.00	0.0
26	97	42	81	60	77	64	70.5	5.5	0	0.00	0.0
27	97	40	81	61	82	67	74.5	9.5	0	T	0.0
28	99	39	81	60	85	61	73	8	0	0.00	0.0
29	96	38	81	59	84	61	72.5	7.5	0	0.00	0.0
30	98	36	81	59	84	63	73.5	8.5	0	0.00	0.0
31	100	35	81	59	80	57	68.5	3.5	0	0.00	0.0

Temperature

1971-2000 AVG. HI: 82.2°F
 1971-2000 AVG. LOW: 60.5°F
 1971-2000 AVG. TEMP: 71.6°F
 August 2005 AVG. HI: 83.8°F
 August 2005 AVG. LO: 63.1°F
 August 2005 AVG. TEMP: 73.4°F

Precipitation

August TOTAL: 4.15 in.
 August AVG: 4.21 in.
 SNOW: 0.0 in.
 AVG SNOW: 0.0
 YEAR TO DATE: 17.93 in.
 YEAR TO DATE AVG: 24.93 in.

Degree Days

COOLING: 8/05: 262.5
 1/05-Now: 869
 HEATING: 8/05: 1
 7/05-Now: 3.5

Discussion:

August saw a continuation of the summer's warm weather in DeKalb. The monthly average temperature was 1.8°F above average and we experienced five days with high temperatures that exceeded 90°F. The 2005 summer (June-August) mean temperature was 74.2°F and ranked 5th warmest since 1895 (110 years of record)—remember, the 2004 summer was the 5th coolest on record! The warmer than average summer temperatures kept A/C demand high. The closing summer month saw 4.15" of rain which was near the long-term average. Interestingly, more precipitation fell in August than in June and July combined. The 2005 summer precipitation total was 8.11" which was nearly five inches below what we normally receive in the summer. Due to the dry and hot conditions this summer, northern Illinois crops, yards, and gardens all suffered.