

MONTHLY CLIMATE SUMMARY, JULY 2004

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	101	43	83	61	83	61	72	7	0	0.00	0.0
2	104	45	83	61	86	60	73	8	0	0.00	0.0
3	102	41	84	61	85	63	74	9	0	0.00	0.0
4	106	43	84	61	80	65	72.5	7.5	0	M	0.0
5	104	45	84	62	82	66	74	9	0	1.81	0.0
6	105	43	85	63	81	62	71.5	6.5	0	0.10	0.0
7	103	46	85	63	80	57	68.5	3.5	0	T	0.0
8	105	41	85	64	68	53	60.5	0	4.5	T	0.0
9	101	47	86	64	75	55	65	0	0	0.00	0.0
10	105	46	86	64	75	55	65	0	0	0.62	0.0
11	107	42	86	64	82	63	72.5	7.5	0	0.00	0.0
12	106	45	86	64	87	66	76.5	11.5	0	0.00	0.0
13	106	44	86	64	83	66	74.5	9.5	0	0.01	0.0
14	109	45	86	64	88	60	74	9	0	0.00	0.0
15	98	42	86	64	79	61	70	5	0	0.00	0.0
16	100	40	86	64	82	62	72	7	0	0.00	0.0
17	100	43	86	64	80	59	69.5	4.5	0	0.08	0.0
18	100	44	86	64	75	57	66	1	0	0.00	0.0
19	100	45	85	64	81	59	70	5	0	0.00	0.0
20	102	47	85	64	82	62	72	7	0	0.01	0.0
21	106	46	84	63	73	55	64	0	1	T	0.0
22	103	43	84	63	85	69	77	12	0	0.96	0.0
23	106	45	84	63	86	61	73.5	8.5	0	0.34	0.0
24	106	48	83	63	73	55	64	0	1	0.00	0.0
25	104	41	84	63	68	57	62.5	0	2.5	0.00	0.0
26	105	46	83	62	73	54	63.5	0	1.5	T	0.0
27	102	46	83	62	74	56	65	0	0	0.00	0.0
28	103	48	83	61	80	57	68.5	3.5	0	0.00	0.0
29	104	46	83	61	81	62	71.5	6.5	0	T	0.0
30	104	45	83	61	83	63	73	8	0	0.00	0.0
31	104	44	83	61	72	63	67.5	2.5	0	0.00	0.0

*New Record

Temperature

1896-1995 AVG. HI: 84.6°F
 1896-1995 AVG. LOW: 62.7°F
 1896-1995 AVG. TEMP: 73.7 °F
 July 2004 AVG. HI: 79.4 °F
 July 2004 AVG. LO: 60.1 °F
 July 2004 AVG. TEMP: 69.8°F

Precipitation

July TOTAL: 3.93 in.
 July AVG: 4.10 in.
 SNOW: 0.0 in.
 AVG SNOW: 0.0"
 YEAR TO DATE: 25.73in.
 YEAR TO DATE AVG: 20.72 in.

Degree Days

COOLING: 7/04: 158.5
 1/04-Now: 356.5
 HEATING: 7/04: 10.5
 7/04-Now: 10.5

Discussion

The DeKalb-NIU weather station reported 3.93" of rainfall for July. So far this summer (June plus July) DeKalb's precipitation total is running 79% of the long-term average. There were 8 days in the month with more than 0.01 inch of precipitation. The 4th of July weekend saw the greatest total rainfall, having 1.81 inches fall in 2 days. The final 8 days of July closed out recording only a trace of rainfall. The average rainfall will result in an above average corn crop. Corn crops thrive with at or above average precipitation totals and below average July temperatures.

The average temperature for July fell 3.9°F below the long-term average and was the 5th coolest July since 1895. The month started out with near average temperatures. There were no days that recorded a high temperature of 90°F. The monthly average high temperature fell 5.2°F below the long-term average, while the monthly low temperature fell 2.6°F below the long-term average. The final 8 days of the month showed recorded highs at or below the long-term average. The cool month was reflected in fewer than average Cooling Degree Days and thus less demand for air conditioning usage.

Samuel Shea, and Alan Black, Weather Directors/Cooperative Observers, NIU
 Forecast Information (updated once daily at approx. 7:30 am): (815) 753-1623

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