

MONTHLY CLIMATE SUMMARY, JULY 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	101	43	83	61	89	60	74.5	9.5	0	0.00	0.0
2	104	45	83	61	72	53	62.5	0	2.5	0.00	0.0
3	102	41	84	61	79	55	67	2	0	0.00	0.0
4	106	43	84	61	84	64	74	9	0	0.13	0.0
5	104	45	84	62	77	61	69	4	0	0.88	0.0
6	105	43	85	63	82	61	71.5	6.5	0	T	0.0
7	103	46	85	63	82	59	70.5	5.5	0	0.00	0.0
8	105	41	85	64	82	60	71	6	0	0.00	0.0
9	101	47	86	64	85	63	74	9	0	0.00	0.0
10	105	46	86	64	89	65	77	12	0	0.00	0.0
11	107	42	86	64	91	69	80	15	0	0.00	0.0
12	106	45	86	64	90	69	79.5	14.5	0	0.03	0.0
13	106	44	86	64	78	67	72.5	7.5	0	T	0.0
14	109	45	86	64	85	68	76.5	11.5	0	0.00	0.0
15	98	42	86	64	90	63	76.5	11.5	0	0.00	0.0
16	100	40	86	64	87	64	75.5	10.5	0	0.00	0.0
17	100	43	86	64	93	70	81.5	16.5	0	0.00	0.0
18	100	44	86	64	96	71	83.5	18.5	0	0.01	0.0
19	100	45	85	64	88	63	75.5	10.5	0	0.00	0.0
20	102	47	85	64	90	65	77.5	12.5	0	0.00	0.0
21	106	46	84	63	87	71	79	14	0	1.00	0.0
22	103	43	84	63	85	66	75.5	10.5	0	0.08	0.0
23	106	45	84	63	87	68	77.5	12.5	0	0.00	0.0
24	106	48	83	63	80	70	75	10	0	0.04	0.0
25	104	41	84	63	99	75	87	22	0	0.00	0.0
26	105	46	83	62	87	73	80	15	0	0.19	0.0
27	102	46	83	62	81	57	69	4	0	0.47	0.0
28	103	48	83	61	73	57	65	0	0	0.00	0.0
29	104	46	83	61	79	58	68.5	3.5	0	0.00	0.0
30	104	45	83	61	83	63	73	8	0	0.00	0.0
31	104	44	83	61	84	65	74.5	9.5	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 2005 AVG. HI: 85.0 °F
 July 2005 AVG. LO: 64.3 °F
 July 2005 AVG. TEMP: 74.6°F

Precipitation

July TOTAL: 2.83 in.
 July AVG: 4.10 in.
 SNOW: 0.0 in.
 AVG SNOW: 0.0"
 YEAR TO DATE: 15.36in.
 YEAR TO DATE AVG: 20.72 in.

Degree Days

COOLING: 7/05: 301
 1/05-Now: 606.5
 HEATING: 7/05: 2.5
 7/05-Now: 2.5

Discussion

The DeKalb-NIU weather station reported 2.83" of rainfall for July. So far this summer (June plus July) DeKalb's precipitation total is 3.96" which is 5th driest for that two-month period since 1895. The extremely dry conditions have taken their toll on regional crops, gardens, and lawns. Nearly half the state has been classified in the "extreme drought" category by the U.S. government and farmers in most Illinois counties will be able to apply for low interest government loans due to the impacts of drought on their crops. The greatest one day rainfall was one inch and it occurred on the 21st.

The average temperature for July fell 0.9°F above the long-term average. There were seven days that recorded a high temperature of 90°F or above. The highest daily temperature was 99°F which was recorded on the 25th. The warm month was reflected in a higher than average number of Cooling Degree Days (CDD) and thus more demand for air conditioning usage. The number of CDD accumulated this July was nearly twice that which were accumulated during July 2004—a great indicator of the year-to-year variability in climate that is experienced in northern Illinois.

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

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