

MONTHLY CLIMATE SUMMARY, JULY 2003

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	85	63	74	9	0	0.00	0.0
2	104	45	83	61	87	63	75	10	0	0.00	0.0
3	102	41	84	61	89	68	78.5	13.5	0	0.00	0.0
4	106	43	84	61	93	72	82.5	17.5	0	T	0.0
5	104	45	84	62	92	66	79	14	0	0.46	0.0
6	105	43	85	63	87	67	77	12	0	0.02	0.0
7	103	46	85	63	91	70	80.5	15.5	0	0.08	0.0
8	105	41	85	64	89	67	78	13	0	0.58	0.0
9	101	47	86	64	72	63	67.5	2.5	0	0.43	0.0
10	105	46	86	64	73	64	68.5	3.5	0	0.27	0.0
11	107	42	86	64	80	58	69	4	0	T	0.0
12	106	45	86	64	79	58	68.5	3.5	0	0.02	0.0
13	106	44	86	64	79	59	69	4	0	0.00	0.0
14	109	45	86	64	82	61	71.5	6.5	0	0.00	0.0
15	98	42	86	64	84	64	74	9	0	0.93	0.0
16	100	40	86	64	85	61	73	8	0	0.00	0.0
17	100	43	86	64	82	64	73	8	0	0.00	0.0
18	100	44	86	64	86	63	74.5	9.5	0	0.02	0.0
19	100	45	85	64	76	55	65.5	0.5	0	T	0.0
20	102	47	85	64	82	58	70	5	0	0.00	0.0
21	106	46	84	63	86	65	75.5	10.5	0	0.22	0.0
22	103	43	84	63	79	62	70.5	5.5	0	0.00	0.0
23	106	45	84	63	74	56	65	0	0	0.00	0.0
24	106	48	83	63	75	54	64.5	0	0.5	0.00	0.0
25	104	41	84	63	80	59	69.5	4.5	0	0.00	0.0
26	105	46	83	62	83	62	72.5	7.5	0	0.00	0.0
27	102	46	83	62	85	66	75.5	10.5	0	0.00	0.0
28	103	48	83	61	83	62	72.5	7.5	0	0.13	0.0
29	104	46	83	61	74	57	65.5	0.5	0	0.00	0.0
30	104	45	83	61	82	59	70.5	5.5	0	0.00	0.0
31	104	44	83	61	82	63	72.5	7.5	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 2003 AVG. HI: 82.4°F
 July 2003 AVG. LO: 62.2°F
 July 2003 AVG. TEMP: 72.3°F

Precipitation

July TOTAL: 3.16 in.
 July AVG: 4.10 in.
 SNOW: 0.0 in.
 AVG SNOW: 0.0"
 YEAR TO DATE: 16.30 in.
 YEAR TO DATE AVG: 20.72 in.

Degree Days

COOLING: 7/03: 228
 1/03-Now: 353
 HEATING: 7/03: 0.5
 7/03-Now: 0.5

Discussion

Although numerous regions in Illinois received above average July precipitation, the DeKalb-NIU station reported only 3.16", nearly an inch below the long-term average. So far this summer (June plus July) DeKalb's precipitation total is running 59% of the long-term average. The greatest 24-hour total was 0.93 inches which was recorded on the 15th. There were 20 days in the month with less than 0.01 inch of precipitation. Severe weather was reported numerous times within parts of the county, especially at the southern end.

The average temperature for July fell 1.4°F below the long-term average. This was seventh straight month that average monthly temperatures were near or below the long-term average. The month started out very warm with high temperatures near or above 90°F during the first eight days. However, two extended periods with highs in the 70s helped reduce air conditioning use through the month. The three days in July 2003 with maximum temperatures recorded in the 90s brought our summer total of ≥90°F days to five, less than half of average. The end of the month did see a return to more summer-like weather with temperatures averaging in the low 70's.

Derek Giardino, Michael Sandstrom, Weather Directors/Cooperative Observers, NIU

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

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