

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

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	101	43	82	60	84	63	73.5	8.5	0	23.5	0.00	0.0
2	104	45	83	60	89	69	79	14	0	29	0.05	0.0
3	102	41	84	62	85	69	77	12	0	27	0.51	0.0
4	106	43	84	63	83	68	75.5	10.5	0	25.5	0.08	0.0
5	104	45	83	61	81	58	69.5	4.5	0	19.5	0.00	0.0
6	105	43	85	62	76	59	67.5	2.5	0	17.5	0.00	0.0
7	103	46	85	62	78	57	67.5	2.5	0	17.5	0.00	0.0
8	105	41	85	63	79	59	69	4	0	19	0.00	0.0
9	101	47	85	64	82	63	72.5	7.5	0	22.5	T	0.0
10	105	46	86	63	89	63	76	11	0	26	0.00	0.0
11	107	42	84	63	75	63	69	4	0	19	0.13	0.0
12	106	45	84	64	77	65	71	6	0	21	0.23	0.0
13	106	44	86	64	82	64	73	8	0	23	0.00	0.0
14	109	45	85	64	86	56	71	6	0	21	0.00	0.0
15	98	42	86	64	87	70	78.5	13.5	0	28.5	T	0.0
16	100	40	86	64	93	70	81.5	16.5	0	31.5	0.00	0.0
17	100	43	86	64	93	71	82	17	0	32	0.00	0.0
18	100	44	85	64	95	69	82	17	0	32	0.01	0.0
19	100	45	86	66	83	65	74	9	0	24	0.00	0.0
20	102	47	86	65	86	68	77	12	0	27	0.82	0.0
21	106	46	85	65	79	68	73.5	8.5	0	23.5	0.10	0.0
22	103	43	84	64	73	57	65	0	0	15	0.13	0.0
23	106	45	81	62	81	58	69.5	4.5	0	19.5	0.00	0.0
24	106	48	83	62	82	61	71.5	6.5	0	21.5	0.00	0.0
25	104	41	83	63	87	67	77	12	0	27	0.00	0.0
26	105	46	84	62	90	70	80	15	0	30	0.09	0.0
27	102	46	83	62	85	70	77.5	12.5	0	27.5	0.26	0.0
28	103	48	83	62	86	67	76.5	11.5	0	26.5	T	0.0
29	104	46	83	62	90	70	80	15	0	30	0.00	0.0
30	104	45	83	62	93	74	83.5	18.5	0	33.5	0.00	0.0
31	104	44	83	61	91	74	82.5	17.5	0	32.5	0.00	0.0

Temperature

1971-2000 AVG. HI: 84.2(F)
 1971-2000 AVG. LOW: 62.9(F)
 1971-2000 AVG. TEMP: 73.5(F)
 July 2006 AVG. HI: 84.5(F)
 July 2006 AVG. LO: 65.3(F)
 July 2006 AVG. TEMP: 74.9(F)

Precipitation

July TOTAL: 2.41 in
 July AVG: 4.26 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 19.85 in
 YEAR TO DATE AVG: 17.62 in

Degree Days

COOLING: 7/06: 307.5
 1/06-Now: 512
 HEATING: 7/06: 0
 7/06-Now: 0
 GROWING: 7/06: 772.5
 1/06-Now: 1777.5

Discussion

July 2006 was a month of slightly above average temperatures and missed opportunities for rain. The average high temperature for the month was only 0.3°F above the 30-year average, where as the average low temperature was 2.4°F above the 30-year average. This caused the average temperature for the month of July to be 1.4°F above the 30-year average. What many people will remember, however, is the heat. This included 6 days over 90°F, with the high for the month 95°F which occurred on the 18th. This was tempered by two cool spells when the high temperatures drop to the middle 70s.

Despite the above average temperatures, we were lacking on rain fall for the month. This was not due to lack of trying on Mother Nature's part. There were numerous occasions where heavy rainfall fell across northern Illinois, but it did not make it to DeKalb. For example on the 18th, DeKalb had 0.01" of rain, whereas Rockford had 1.48" despite Rockford only being 25 miles away from DeKalb. The rain total for the month totaled 2.41" which is 1.85" below the 30-year average of 4.26 inches.

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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.

July 2006 Daily Highs and Lows with 1971-2000 Average Highs and Lows

