

**MONTHLY CLIMATE SUMMARY, JULY, 2007**  
**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	77	56	66.5	1.5	0	16.5	0.00	0.0
2	104	45	83	60	78	56	67	2	0	17	0.00	0.0
3	102	41	84	62	78	59	68.5	3.5	0	18.5	0.00	0.0
4	106	43	84	63	83	62	72.5	7.5	0	22.5	0.48	0.0
5	104	45	83	61	84	67	75.5	10.5	0	25.5	T	0.0
6	105	43	85	62	86	65	75.5	10.5	0	25.5	0.00	0.0
7	103	46	85	62	84	64	74	9	0	24	0.00	0.0
8	105	41	85	63	88	67	77.5	12.5	0	27.5	0.00	0.0
9	101	47	85	64	91	68	79.5	14.5	0	29.5	0.00	0.0
10	105	46	86	63	91	66	78.5	13.5	0	28.5	3.32	0.0
11	107	42	84	63	88	57	72.5	7.5	0	22.5	0.90	0.0
12	106	45	84	64	76	56	66	1	0	16	0.00	0.0
13	106	44	86	64	78	55	66.5	1.5	0	16.5	0.00	0.0
14	109	45	85	64	81	58	69.5	4.5	0	19.5	T	0.0
15	98	42	86	64	83	58	70.5	5.5	0	20.5	0.00	0.0
16	100	40	86	64	80	59	69.5	4.5	0	19.5	0.00	0.0
17	100	43	86	64	80	64	72	7	0	22	0.64	0.0
18	100	44	85	64	81	66	73.5	8.5	0	23.5	0.70	0.0
19	100	45	86	66	85	68	76.5	11.5	0	26.5	1.20	0.0
20	102	47	86	65	82	55	68.5	3.5	0	18.5	0.05	0.0
21	106	46	85	65	75	56	65.5	0.5	0	15.5	0.00	0.0
22	103	43	84	64	75	56	65.5	0.5	0	15.5	0.00	0.0
23	106	45	81	62	78	58	68	3	0	18	0.00	0.0
24	106	48	83	62	80	62	71	6	0	21	0.00	0.0
25	104	41	83	63	82	65	73.5	8.5	0	23.5	0.00	0.0
26	105	46	84	62	83	67	75	10	0	25	0.03	0.0
27	102	46	83	62	81	66	73.5	8.5	0	23.5	0.35	0.0
28	103	48	83	62	83	66	74.5	9.5	0	24.5	0.53	0.0
29	104	46	83	62	80	62	71	6	0	21	0.00	0.0
30	104	45	83	62	84	62	73	8	0	23	0.00	0.0
31	104	44	83	61	84	65	74.5	9.5	0	24.5	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 2007 AVG. HI: 81.9(F)  
 July 2007 AVG. LO: 61.6(F)  
 July 2007 AVG. TEMP: 71.8(F)

**Precipitation**

July TOTAL: 8.20 in  
 July AVG: 4.26 in.  
 SNOW: 0.0 in.  
 YEAR TO DATE: 24.25 in  
 YEAR TO DATE AVG: 17.62 in

**Degree Days**

COOLING: 7/07 210  
 1/07-Now: 495.5  
 HEATING: 7/07: 0  
 7/07-Now: 0  
 GROWING: 7/07: 675  
 1/07-Now: 1881.5

**Discussion**

July 2007 was cooler than average for the high, low, and average temperature values by 2.3°F, 1.3°F, and 1.7°F, respectively. The average high and the average low temperatures were both ranked the 8<sup>th</sup> coolest for a July since 1966, while the average temperature was ranked the 7<sup>th</sup> coolest. Only 2 days reached above 90°F, on July 9<sup>th</sup> and 10<sup>th</sup>.

July 2007 was the 4<sup>th</sup> wettest July on record with 8.20 inches of rain. A semi-stationary storm on the 10<sup>th</sup> brought the most rain for a single day this year with 3.32 inches of rain, much of this coming in only 90 minutes during the 3:30-5 pm time period. This was also the 4<sup>th</sup> most rain for a single day in July and the 7<sup>th</sup> most rain for a single day on record. Some locations in and near the city experienced up to 5 inches of rain with this severe storm, which produced major street flooding, sewer backups, and basement flooding throughout portions of DeKalb County. A number of trees in the city were felled due to the wet microburst conditions. July 2007 had 3.94 inches of rainfall over the July average. The July 2007 rains made the year to date rainfall exceed the average year to date rainfall by 6.63 inches. January-July 2007's year to date precipitation is ranked the 12<sup>th</sup> wettest.

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Forecast Information updated once daily at approx. 7:30 am (815) 753-1623. See [climate.niu.edu](http://climate.niu.edu) for up-to-date weather information and historical data.

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July 2007 Daily Highs and Lows with 1971-2000 Average Highs and Lows

