

MONTHLY CLIMATE SUMMARY, JULY, 2009
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	65	54	59.5	0	5.5	9.5	T	0.0
2	104	45	83	60	68	53	60.5	0	4.5	10.5	0.00	0.0
3	102	41	84	62	71	60	65.5	0.5	0	15.5	0.00	0.0
4	106	43	84	63	79	62	70.5	5.5	0	20.5	T	0.0
5	104	45	83	61	79	57	68	3	0	18	0.22	0.0
6	105	43	85	62	81	58	69.5	4.5	0	19.5	0.07	0.0
7	103	46	85	62	84	62	73	8	0	23	0.00	0.0
8	105	41	85	63	77	61	69	4	0	19	0.01	0.0
9	101	47	85	64	64	57	60.5	0	4.5	10.5	0.54	0.0
10	105	46	86	63	77	57	67	2	0	17	T	0.0
11	107	42	84	63	79	57	68	3	0	18	0.57	0.0
12	106	45	84	64	81	55	68	3	0	18	0.00	0.0
13	106	44	86	64	76	60	68	3	0	18	0.00	0.0
14	109	45	85	64	79	58	68.5	3.5	0	18.5	0.00	0.0
15	98	42	86	64	75	61	68	3	0	18	0.25	0.0
16	100	40	86	64	83	60	71.5	6.5	0	21.5	0.00	0.0
17	100	43	86	64	79	53	66	1	0	16	0.01	0.0
18	100	44	85	64	66	55	60.5	0	4.5	10.5	0.00	0.0
19	100	45	86	66	68	55	61.5	0	3.5	11.5	0.00	0.0
20	102	47	86	65	72	54	63	0	2	13	0.00	0.0
21	106	46	85	65	77	58	67.5	2.5	0	17.5	0.00	0.0
22	103	43	84	64	74	64	69	4	0	19	0.04	0.0
23	106	45	81	62	77	58	67.5	2.5	0	17.5	0.29	0.0
24	106	48	83	62	77	58	67.5	2.5	0	17.5	0.14	0.0
25	104	41	83	63	81	63	72	7	0	22	0.29	0.0
26	105	46	84	62	78	60	69	4	0	19	0.00	0.0
27	102	46	83	62	79	60	69.5	4.5	0	19.5	0.00	0.0
28	103	48	83	62	82	63	72.5	7.5	0	22.5	0.17	0.0
29	104	46	83	62	79	57	68	3	0	18	0.00	0.0
30	104	45	83	62	77	59	68	3	0	18	0.00	0.0
31	104	44	83	61	78	56	67	2	0	17	0.00	0.0

Temperature

1971-2000 AVG. HI: 84.2 °F
 1971-2000 AVG. LOW: 62.7°F
 1971-2000 AVG. TEMP: 73.4°F
 July 2009 AVG. HI: 76.1°F
 July 2009 AVG. LO: 58.2°F
 July 2009 AVG. TEMP: 67.2°F

Precipitation

July TOTAL: 2.60 in
 July AVG: 4.26 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 28.58in
 YEAR TO DATE AVG: 21.88in

Degree Days

COOLING: 7/09: 93
 1/09-Now: 263.5
 HEATING: 7/09: 24.5
 7/09-Now: 24.5
 GROWING: 7/09: 533.5
 1/09-Now: 1442.5

Discussion

The recorded average temperatures for July 2009 were several degrees below the 30-year historical averages. Amazingly, July 2009 ranks first with respect to the coolest average high temperature on record, coolest average low temperature on record and for coolest average temperature on record. At no point during the entire month did the temperature reach or exceed 90 degrees, which is highly uncharacteristic for similar months historically. There were only six days in July 2009 that the high temperature exceeded 80 degrees. There were also five days when the high temperature failed to reach the 70 degree mark.

In July of 2009 DeKalb received 2.60 inches of precipitation, which is 1.66 inches below the average for July. This is the first time in 6 months that the total monthly precipitation was below normal. The year to date total for DeKalb is still well above average with 28.58 inches. Precipitation was evenly distributed throughout the month.

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

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July 2009 Daily Highs and Lows with 1971-2000 Average Highs and Lows

