

MONTHLY CLIMATE SUMMARY, AUGUST, 2008
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	98	42	83	61	85	67	76	11	0	26	0.04	0.0
2	98	44	82	62	88	58	73	8	0	23	0	0.0
3	100	42	83	62	82	57	69.5	4.5	0	19.5	0	0.0
4	99	44	84	62	83	57	70	5	0	20	0	0.0
5	100	43	82	60	86	67	76.5	11.5	0	26.5	1.05	0.0
6	102	44	81	61	85	60	72.5	7.5	0	22.5	0	0.0
7	100	46	81	61	80	59	69.5	4.5	0	19.5	0	0.0
8	103	43	83	62	79	55	67	2	0	17	0	0.0
9	102	44	83	61	78	55	66.5	1.5	0	16.5	0.05	0.0
10	98	47	82	61	78	55	66.5	1.5	0	16.5	0	0.0
11	97	45	82	60	74	51	62.5	0	2.5	12.5	0	0.0
12	104	45	81	59	77	56	66.5	1.5	0	16.5	0	0.0
13	98	47	82	62	77	59	68	3	0	18	0	0.0
14	99	43	82	61	77	55	66	1	0	16	0	0.0
15	97	44	82	61	80	57	68.5	3.5	0	18.5	0	0.0
16	99	42	82	60	79	53	66	1	0	16	0	0.0
17	103	44	83	61	79	52	65.5	0.5	0	15.5	0	0.0
18	102	43	83	60	78	52	65	0	0	15	0	0.0
19	100	45	82	61	84	57	70.5	5.5	0	20.5	0	0.0
20	100	40	82	61	83	62	72.5	7.5	0	22.5	0.09	0.0
21	100	42	82	59	84	61	72.5	7.5	0	22.5	0	0.0
22	99	41	82	61	77	66	71.5	6.5	0	21.5	0.55	0.0
23	99	43	81	60	83	68	75.5	10.5	0	25.5	0.01	0.0
24	100	40	81	60	82	58	70	5	0	20	0.01	0.0
25	95	41	81	59	75	54	64.5	0	0.5	14.5	0	0.0
26	97	42	82	62	74	57	65.5	0.5	0	15.5	0	0.0
27	97	40	83	63	77	58	67.5	2.5	0	17.5	0	0.0
28	99	39	83	62	81	60	70.5	5.5	0	20.5	0	0.0
29	96	38	81	60	78	64	71	6	0	21	0.15	0.0
30	98	36	81	60	81	52	66.5	1.5	0	16.5	0	0.0
31	100	35	81	60	82	55	68.5	3.5	0	18.5	0	0.0

Temperature

1971-2000 AVG. HI: 82.0(F)
 1971-2000 AVG. LOW: 60.7(F)
 1971-2000 AVG. TEMP: 71.4(F)
 August 2008 AVG. HI: 80.2(F)
 August 2008 AVG. LO: 58.0(F)
 August 2008 AVG. TEMP: 69.1(F)

Precipitation

August TOTAL: 1.95 in
 August AVG: 4.45 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 27.40 in
 YEAR TO DATE AVG: 26.33 in

Degree Days

COOLING: 8/08: 129.5
 1/08-Now: 981.5
 HEATING: 8/08: 3
 7/08-Now: 7
 GROWING: 8/08: 591.5
 1/08-Now: 3727.5

Discussion

The August 2008 average high temperature was 80.2°F, which is slightly lower than the average high of 82°F. The average August 2008 low temp was 58.0°F, which is also cooler than the normal average low of 60.7°F. Overall, the month was cooler than normal with an average August temperature 2.3°F below average. Surprisingly, there were no days during the month where the temperature was above 90°F.

With 1.95 inches of total precipitation in August 2008 it was the 9th driest August on record. More than half of the rainfall came on one day, August 5th, when we received 1.05 inches. Also during the month there was a span of 10 days without rain, from August 10th to the 19th.

Kevin Nasiatka/Eric Szos; Weather Director/Cooperative Observer, NIU
 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.

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

