

MONTHLY CLIMATE SUMMARY AUGUST 2000
NIU WEATHER SERVICE, DE KALB, IL.

Day	Record Hi (F)	Record Lo (F)	Average Hi [1896-1995] (F)	Average Lo [1896-1995] (F)	Observed Hi (F)	Observed LO (F)	Observed Avg. Daily (F)	CDD	HDD	Precip. (inches)
1	98	42	83	61	72	62	67	2		1.03
2	98	44	83	61	84	63	73.5	8.5		0.76
3	100	42	83	61	85	58	71.5	6.5		0
4	99	44	82	61	75	58	66.5	1.5		0
5	100	43	83	61	79	58	68.5	3.5		0
6	102	44	83	61	73	59	66	1		0.72
7	100	46	83	61	88	65	76.5	11.5		0.2
8	103	43	82	61	85	65	75	10		0
9	102	44	82	60	84	67	75.5	10.5		0.05
10	98	47	82	60	86	64	75	10		0
11	97	45	82	60	83	63	73	8		0
12	104	45	82	60	81	56	68.5	3.5		0
13	98	47	82	61	82	57	69.5	4.5		0
14	99	43	82	61	81	65	73	8		0.1
15	97	44	83	61	86	66	76	11		0
16	99	42	83	61	90	58	74	9		0
17	103	44	83	61	77	59	68	3		0.57
18	102	43	83	61	75	58	66.5	1.5		0.13
19	100	45	83	61	74	56	65	0	0	0
20	100	40	82	60	73	58	65.5	0.5		0
21	100	42	82	60	74	55	64.5		0.5	0
22	99	41	82	59	78	55	66.5	1.5		0
23	99	43	82	60	83	67	75	10		0.06
24	100	40	81	60	80	62	71	6		0
25	95	41	82	60	83	60	71.5	6.5		0
26	97	42	82	60	83	61	72	7		0
27	97	40	81	61	80	65	72.5	7.5		T
28	99	39	81	60	80	64	72	7		0
29	96	38	81	59	83	65	74	9		0
30	98	36	81	59	83	66	74.5	9.5		T
31	100	35	81	59	85	68	76.5	11.5		0

<u>TEMP</u>	<u>PRECIPITATION</u>	<u>DEGREE DAYS</u>
1896-1995 HI: 82.2 (F)	AUGUST TOTAL: 3.62 inches	COOLING: 189.5 1/00- Now: 531.01
1896-1995 LO: 60.5 (F)	AUGUST AVG.: 4.21 inches	HEATING: 0.5 7/00 - Now: 3.5
1896-1995 MONTH: 71.6 (F)	SNOW: 0.0	
AUGUST 2000 AVG. HI: 80.8 (F)	YEAR TO DATE : 26.81 inches	
AUGUST 2000 AVG. LO: 61.4 (F)	YEAR TO DATE AVG.: 25.11 inches	
AUGUST 2000 AVG.: 71.1 (F)		

There is really not much to say about this August. From a climatological standpoint, August of 2000 was fairly standard and uneventful. A look at the temperature graph shows small fluctuations above and below the average temperature lines, but no records were set. High humidity levels in the beginning of the month and at the end increased the minimum temperatures and made for uncomfortable conditions. However, relief soon followed as cold fronts moved through the area replacing the hot and sticky tropical air masses with cool and dry polar air masses. Precipitation levels were a little more than .5 inches below average, with most of our rain coming in the first half of the month. Although the conditions on many days in the last half of the month were ripe for thunderstorms, there just was not enough upper atmospheric support to allow considerable cloud growth. For many of those days, a high pressure lingered over our area, suppressing moisture near the ground causing clear, but hazy days. Although September 21 is the marked end of summer, many consider Labor Day as the finale. True, in September we will see the average temperatures drop nearly five degrees, however, one word of caution; it is not uncommon to see heat waves in September. At this, I bid you all farewell as Jessie Sparks steps up to run the N.I.U weather office. Have a pleasant September.

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