

MONTHLY CLIMATE SUMMARY, AUGUST 2015

NIU WEATHER SERVICE: DE KALB, 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	84	62	84	59	71.5	6.5	0	21.5	0	0
2	98	44	86	63	85	62	73.5	8.5	0	23.5	0	0
3	100	42	85	64	90	67	78.5	13.5	0	28.5	0.13	0
4	99	44	85	64	80	57	68.5	3.5	0	18.5	0	0
5	100	43	83	62	80	57	68.5	3.5	0	18.5	0	0
6	102	44	82	62	81	62	71.5	6.5	0	21.5	0	0
7	100	46	82	62	82	63	72.5	7.5	0	22.5	0	0
8	103	43	82	62	82	63	72.5	7.5	0	22.5	0	0
9	102	44	84	62	76	65	70.5	5.5	0	20.5	T	0
10	98	47	83	62	77	66	71.5	6.5	0	21.5	0.01	0
11	97	45	81	61	83	62	72.5	7.5	0	22.5	0.64	0
12	104	45	81	60	84	63	73.5	8.5	0	23.5	0	0
13	98	47	81	61	81	60	70.5	5.5	0	20.5	0	0
14	99	43	81	61	82	62	72	7	0	22	0	0
15	97	44	81	61	88	65	76.5	11.5	0	26.5	0.44	0
16	99	42	83	61	88	67	77.5	12.5	0	27.5	T	0
17	103	44	83	62	87	68	77.5	12.5	0	27.5	0	0
18	102	43	82	61	86	66	76	11	0	26	0.1	0
19	100	45	80	60	79	66	72.5	7.5	0	22.5	0.38	0
20	100	40	80	60	71	55	63	0	2	13	T	0
21	100	42	81	59	74	56	65	0	0	15	0	0
22	99	41	81	61	82	59	70.5	5.5	0	20.5	0	0
23	100	43	81	60	78	60	69	4	0	19	0	0
24	100	40	81	60	73	50	61.5	0	3.5	11.5	T	0
25	95	41	80	61	72	51	61.5	0	3.5	11.5	0	0
26	97	42	81	62	72	53	62.5	0	2.5	12.5	0	0
27	97	40	81	63	68	51	59.5	0	5.5	9.5	0	0
28	99	39	81	61	72	52	62	0	3	12	T	0
29	96	38	80	60	69	60	64.5	0	0.5	14.5	0.89	0
30	98	36	80	59	71	62	66.5	1.5	0	16.5	0.44	0
31	100	35	79	58	76	60	68	3	0	18	0.01	0

Temperature

1981-2010 AVG. HI: 81.6 (F)
 1981-2010 AVG. LOW: 61.1 (F)
 1981-2010 AVG. TEMP.: 71.4 (F)
 August 2015 AVG. HI: 79.1 (F)
 August 2015 AVG. LO: 60.3 (F)
 August 2015 AVG. TEMP.: 69.7 (F)

Precipitation

August 2015 TOTAL: 3.04 in.
 August AVG.: 4.36 in.
 August 2015 SNOW: 0
 August SNOW AVG: 0
 2015 liquid-eq. YEAR TO DATE: 26.72 in.
 liquid-eq. YEAR TO DATE AVG.: 25.92 in.
 2015-16 Seasonal SNOW TO DATE: 0
 Seasonal SNOW TO DATE AVG.: 0

Degree Days

COOLING: 8/15: 166.5
 1/15-Now: 548
 HEATING: 8/15: 20.5
 7/15-Now: 36.5
 GROWING: 8/15: 611
 1/15-Now: 2244.5

Discussion

August had a mean temperature of 69.7 degrees, which was 1.7 degrees below the historical average of 71.4 degrees. The average high temperature of 79.1 degrees had the greatest departure at 2.5 degrees below the historical average of 81.6 degrees. The average low temperature of 60.3 was only 0.8 degrees below the historical average. Most of the above average temperatures occurred between August 11th and 18th. The highest temperature was recorded on August 3rd at 90 degrees. August had its lowest temperatures during the last third of the month; the lowest temperature recorded was 50 degrees.

The August precipitation total for 2015 was 3.04 in., which is 1.32 in. lower than the average precipitation for the month. Precipitation was scattered throughout August with the majority falling in the middle and at the end of the month. August 29th and 30th accounted for nearly 44% of the total precipitation for the month. The year to date liquid equivalent total now stands at 26.72 in., which is 0.8 inches above the average.

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 This summary was prepared by Jim Kolar, 8 September 2015. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.
 Climate Website: <http://climate.niu.edu>

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August 2015 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Jim Kolar, NIU Weather Director

