

MONTHLY CLIMATE SUMMARY, AUGUST 2014

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	81	60	70.5	5.5	0	20.5	0	0.0
2	98	44	86	63	83	53	68	3	0	18	0.74	0.0
3	100	42	85	64	81	53	67	2	0	17	0	0.0
4	99	44	85	64	83	63	73	8	0	23	0	0.0
5	100	43	83	62	84	64	74	9	0	24	0.71	0.0
6	102	44	82	62	78	58	68	3	0	18	T	0.0
7	100	46	82	62	79	58	68.5	3.5	0	18.5	0	0.0
8	103	43	82	62	79	62	70.5	5.5	0	20.5	0	0.0
9	102	44	84	62	81	62	71.5	6.5	0	21.5	0	0.0
10	98	47	83	62	79	65	72	7	0	22	0	0.0
11	97	45	81	61	82	63	72.5	7.5	0	22.5	T	0.0
12	104	45	81	60	83	56	69.5	4.5	0	19.5	0.62	0.0
13	98	47	81	61	71	55	63	0	2	13	T	0.0
14	99	43	81	61	80	55	67.5	2.5	0	17.5	0	0.0
15	97	44	81	61	72	53	62.5	0	2.5	12.5	0	0.0
16	99	42	83	61	76	54	65	0	0	15	0	0.0
17	103	44	83	62	77	62	69.5	4.5	0	19.5	0	0.0
18	102	43	82	61	76	62	69	4	0	19	T	0.0
19	100	45	80	60	81	62	71.5	6.5	0	21.5	T	0.0
20	100	40	80	60	85	63	74	9	0	24	0	0.0
21	100	42	81	59	84	64	74	9	0	24	1.70	0.0
22	99	41	81	61	79	70	74.5	9.5	0	24.5	0.58	0.0
23	100	43	81	60	83	72	77.5	12.5	0	27.5	T	0.0
24	100	40	81	60	80	68	74	9	0	24	0.02	0.0
25	95	41	80	61	87	69	78	13	0	28	T	0.0
26	97	42	81	62	83	69	76	11	0	26	0.02	0.0
27	97	40	81	63	81	64	72.5	7.5	0	22.5	T	0.0
28	99	39	81	61	81	63	72	7	0	22	0	0.0
29	96	38	80	60	78	64	71	6	0	21	0.19	0.0
30	98	36	80	59	84	69	76.5	11.5	0	26.5	0.61	0.0
31	100	35	79	58	81	65	73	8	0	23	T	0.0

Temperature

1981-2010 AVG. HI: 81.6 (F)
 1981-2010 AVG. LOW: 61.1 (F)
 1981-2010 AVG. TEMP.: 71.4 (F)
 August 2014 AVG. HI: 80.4 (F)
 August 2014 AVG. LO: 62.0 (F)
 August 2014 AVG. TEMP.: 71.2 (F)

Precipitation

August 2014 TOTAL: 5.19 in.
 August AVG.: 4.36 in.
 August 2014 SNOW: 0
 August SNOW AVG: 0
 2014 liquid-eq. YEAR TO DATE: 28.15 in.
 liquid-eq. YEAR TO DATE AVG.: 25.92 in.
 2014-15 Seasonal SNOW TO DATE: 0
 Seasonal SNOW TO DATE AVG.: 0

Degree Days

COOLING: 8/14: 195.5
 1/14-Now: 590.5
 HEATING: 8/14: 4.5
 7/14-Now: 17.5
 GROWING: 8/14: 656
 1/14-Now: 2207

Discussion

August had a mean temperature of 71.2 degrees, which was just below the historical average of 71.4 degrees. Most of August had high temperatures around 80 degrees with the highest temperature recorded on August 25th at 87° F. August had its lowest temperatures in the first half of the month; the lowest temperature recorded was 53 degrees.

Augusts' precipitation total for 2014 was 5.19 in., which is 0.83 in. greater than the average precipitation for August. Over half of the total precipitation fell the last third of the month. The year to date liquid equivalent total now stands at 28.15 in., which is over two inches above the average.

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This summary was prepared by Jodi Wright, 5 September 2014. Forecast information (updated once daily at approx. 7:30 am): (815) 762-3230.

Climate Website: <http://climate.niu.edu>

The Climate Summary is supported by the Department of Geography, the College of Liberal Arts and Sciences, and the Department of Operations.

August 2014 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Jodi Wright, NIU Weather Director

