

## **MONTHLY CLIMATE SUMMARY, JULY 2014**

### **NIU WEATHER SERVICE: DE KALB, IL.**

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	GDD	HDD	CDD	Precip. (in)
1	101	43	82	60	84	63	73.5	24	0	9	1.53
2	104	45	81	60	79	59	69	19	0	4	0.01
3	102	41	82	61	66	54	60	10	5	0	0.45
4	106	43	83	64	73	54	63.5	14	2	0	T
5	104	45	84	63	79	60	69.5	20	0	5	0
6	105	43	84	63	74	61	67.5	18	0	3	T
7	103	46	84	62	85	63	74	24	0	9	0.05
8	105	41	83	63	84	66	75	25	0	10	0.19
9	101	47	85	64	80	59	69.5	20	0	5	0
10	105	46	84	63	76	57	66.5	17	0	2	0
11	107	42	83	61	80	60	70	20	0	5	0
12	106	45	83	63	78	63	70.5	21	0	6	0.12
13	106	44	83	63	80	65	72.5	23	0	8	1.26
14	109	45	84	64	83	62	72.5	23	0	8	T
15	98	42	84	63	77	51	64	14	1	0	0
16	100	40	85	64	69	52	60.5	11	5	0	0.02
17	100	43	86	65	72	54	63	13	2	0	0
18	100	44	85	66	75	58	66.5	17	0	2	0
19	100	45	85	65	79	58	68.5	19	0	4	T
20	102	47	85	64	78	59	68.5	19	0	4	0
21	106	46	84	65	79	62	70.5	21	0	6	0
22	103	43	83	63	83	65	74	24	0	9	0
23	106	45	82	62	89	61	75	25	0	10	0
24	106	48	82	61	76	52	64	14	1	0	0
25	104	41	84	63	76	56	65	16	0	1	T
26	105	46	83	63	71	58	64.5	15	1	0	0.01
27	102	46	83	63	81	67	74	24	0	9	0
28	103	48	83	63	82	56	69	19	0	4	0
29	104	46	83	62	70	55	62.5	13	3	0	0
30	104	45	83	63	78	53	62.5	16	0	1	0.02
31	104	44	83	63	78	57	67.5	18	0	3	0

#### **Temperature**

1981-2010 AVG. HI: 82.2(F)  
 1981-2010 AVG. LOW: 62.9(F)  
 1981-2010 AVG. TEMP.: 73.2(F)  
 July 2014 AVG. HI: 77.8(F)  
 July 2014 AVG. LO: 58.7(F)  
 July 2014 AVG. TEMP.: 68.3(F)

#### **Precipitation**

July 2014 TOTAL: 3.66 in.  
 July AVG.: 4.32 in.  
 July 2014 SNOW: 0  
 July SNOW AVG: 0  
 2014 liquid-eq. YEAR TO DATE: 22.96 in.  
 liquid-eq. YEAR TO DATE AVG.: 21.59 in.  
 2014-15 Seasonal SNOW TO DATE: 0  
 Seasonal SNOW TO DATE AVG.: 0

#### **Degree Days**

COOLING: 7/14: 127  
 1/14-Now: 395  
 HEATING: 7/14: 13  
 7/14-Now: 13  
 GROWING: 7/14: 576  
 1/14-Now: 1551

#### **Discussion**

July 2014 temperatures were below the historical (30-year, 1981-2010) averages. The average temperature was 68.3, which is almost 5 degrees below the historical average temperature. We only had four high temperatures that were above the historical average for each day. The average high of 77.8 degrees and the average low of 58.7 were both over four degrees below the historical averages.

Total liquid-equivalent precipitation for this month was 3.66 in., which is over a half an inch below the historical average total of 4.32 inches. Most of the precipitation fell at the beginning of the month with only 0.05 in. the last half of the month. The year to date liquid equivalent now stands at 22.96 in., over an inch above the year to date average of 21.59 in.

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This summary was prepared by Jodi Wright 12 August 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.**

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

