

## MONTHLY CLIMATE SUMMARY, June 2012

### NIU WEATHER SERVICE: DE KALB, ILL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
1	106	34	77	55	49	44	46.5	0	0	18.5	1.37	0.0
2	97	38	78	56	64	45	54.5	4.5	0	10.5	T	0.0
3	102	34	74	54	72	52	62	12	0	3	0	0.0
4	97	34	72	52	79	59	69	19	4	0	0.08	0.0
5	98	33	74	53	78	54	66	16	1	0	0	0.0
6	98	40	76	56	72	51	61.5	11.5	0	3.5	0	0.0
7	97	38	80	58	76	52	64	14	0	1	0	0.0
8	98	35	80	59	81	57	69	19	4	0	0	0.0
9	95	35	79	58	85	62	73.5	23.5	8.5	0	0	0.0
10	103	36	78	57	88	66	77	27	12	0	0	0.0
11	102	36	80	57	89	66	77.5	27.5	12.5	0	0	0.0
12	95	38	81	60	88	56	72	22	7	0	0	0.0
13	95	42	81	60	73	52	62.5	12.5	0	2.5	0	0.0
14	96	39	82	61	73	57	65	15	0	0	0	0.0
15	96	39	81	60	84	61	72.5	22.5	7.5	0	0	0.0
16	95	37	80	59	91	62	76.5	26.5	11.5	0	0	0.0
17	99	37	81	58	91	66	78.5	28.5	13.5	0	0.38	0.0
18	96	44	82	61	84	67	75.5	25.5	10.5	0	0	0.0
19	99	42	83	60	91	71	81	31	16	0	0	0.0
20	99	37	82	61	92	71	81.5	31.5	16.5	0	0	0.0
21	100	38	84	63	92	71	81.5	31.5	16.5	0	0	0.0
22	99	40	83	62	84	58	71	21	6	0	0	0.0
23	103	39	83	61	83	59	71	21	6	0	0	0.0
24	102	40	83	61	84	64	74	24	9	0	0	0.0
25	99	43	84	63	89	59	74	24	9	0	0	0.0
26	101	45	85	62	76	55	65.5	15.5	0.5	0	0	0.0
27	100	40	83	62	82	58	70	20	5	0	0	0.0
28	101	41	83	62	90	64	77	27	12	0	0	0.0
29	101	40	82	61	97	72	84.5	34.5	19.5	0	0	0.0
30	102	39	81	60	85	66	75.5	25.5	10.5	0	0.33	0.0

#### Temperature

1981-2010 AVG. HI: 80.3(F)  
 1981-2010 AVG. LOW: 59.0(F)  
 1981-2010 AVG. TEMP.: 69.7(F)  
 June 2012 AVG. HI: 82.07(F)  
 June 2012 AVG. LO: 59.9(F)  
 June 2012 AVG. TEMP.: 70.98(F)

#### Precipitation

June 2012 TOTAL: 2.16 in.  
 June AVG.: 4.18 in.  
 June 2011 SNOW: 0  
 June SNOW AVG: 0  
 2012 liquid-eq. YEAR TO DATE: 10.77 in.  
 liquid-eq. YEAR TO DATE AVG.: 17.27 in.  
 2011-12 Seasonal SNOW TO DATE: 24.1 in  
 Seasonal SNOW TO DATE AVG.: 35.8 in

#### Degree Days

COOLING: 6/12: 218.5  
 1/12-Now: 341.0  
 HEATING: 6/12: 39  
 7/11-Now: 5679.5  
 GROWING: 6/12: 633  
 1/12-Now: 1340

#### Discussion

The month of June saw an average temperature of 70.98 degrees which is spot on with the historical average for the month. Throughout the month of June we had only 2.16 in of precipitation which ranks in the top 25 of least amount of rainfall for the month of June as the records extend back to 1888. Most of Illinois was under a moderate to severe drought throughout the month of June according to the Midwest Drought Monitor. According to the drought monitor the northern half of Illinois has been in a moderate drought since the beginning of June, which is contributed to the amount of precipitation for only five days in the month. This drought should continue into next month as the models show that rain will be hard to come by for most of the summer and the hardest hit area of Illinois is in the southern part near Macomb, IL which has not had any rainfall in the past 15 days or so. Looking at the crop moisture index from the MRCC website for Midwest Drought Information, climate division two (northern area of IL) is abnormally dry for the month of June. This can be attributed to the lack of rain and the intense heat we have seen in the past few weeks as high temperatures have reached 75 degrees or above in the past 15 days.

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 This summary was prepared by John Barmann, 01 July 2012. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.  
 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.

Links: [http://droughtmonitor.unl.edu/DM\\_midwest.htm](http://droughtmonitor.unl.edu/DM_midwest.htm)

**June 2012 Daily Highs and Lows with 1981-2010 Average Highs and Lows**  
 Prepared by John Barmann, NIU Weather Director

