

MONTHLY CLIMATE SUMMARY, June 2013

NIU WEATHER SERVICE: DE KALB, ILL.

Day	Record	Record	Average	Average	Obs.	Obs.	Obs.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO	Avg.					
1	106	34	77	55	73	64	68.5	18.5	3.5	0	0.02	0.0
2	97	38	78	56	75	58	66.5	16.5	1.5	0	0.13	0.0
3	102	34	74	54	58	44	51	1	0	14	0.01	0.0
4	97	34	72	52	68	48	58	8	0	7	0	0.0
5	98	33	74	53	69	54	61.5	11.5	0	3.5	0	0.0
6	98	40	76	56	66	53	59.5	9.5	0	5.5	0.3	0.0
7	97	38	80	58	66	50	58	8	0	7	0.13	0.0
8	98	35	80	59	69	49	59	9	0	6	0	0.0
9	95	35	79	58	75	55	65	15	0	0	0	0.0
10	103	36	78	57	81	59	70	20	5	0	0.06	0.0
11	102	36	80	57	76	62	69	19	4	0	0	0.0
12	95	38	81	60	83	62	72.5	22.5	7.5	0	0.48	0.0
13	95	42	81	60	88	60	74	24	9	0	0.52	0.0
14	96	39	82	61	78	54	66	16	1	0	0	0.0
15	96	39	81	60	77	56	66.5	16.5	1.5	0	0	0.0
16	95	37	80	59	82	63	72.5	22.5	7.5	0	0.07	0.0
17	99	37	81	58	84	62	73	23	8	0	0	0.0
18	96	44	82	61	87	56	71.5	21.5	6.5	0	0	0.0
19	99	42	83	60	72	53	62.5	12.5	0	2.5	0	0.0
20	99	37	82	61	78	57	67.5	17.5	2.5	0	0	0.0
21	100	38	84	63	87	64	75.5	25.5	10.5	0	0	0.0
22	99	40	83	62	80	65	72.5	22.5	7.5	0	3.00	0.0
23	103	39	83	61	78	65	71.5	21.5	6.5	0	0.03	0.0
24	102	40	83	61	86	66	76	26	11	0	0.81	0.0
25	99	43	84	63	83	65	74	24	9	0	0.31	0.0
26	101	45	85	62	84	65	74.5	24.5	9.5	0	0.21	0.0
27	100	40	83	62	80	66	73	23	8	0	0.42	0.0
28	101	41	83	62	88	64	76	26	11	0	0	0.0
29	101	40	82	61	80	64	72	22	7	0	0.48	0.0
30	102	39	81	60	68	59	63.5	13.5	0	1.5	0.4	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 2013 AVG. HI: 77.3(F)
 June 2013 AVG. LO: 58.73(F)
 June 2013 AVG. TEMP.: 68.02(F)

Precipitation

June 2013 TOTAL: 7.38 in.
 June AVG.: 4.18 in.
 June 2013 SNOW: 0
 June SNOW AVG: 0
 2013 liquid-eq. YEAR TO DATE: 26.82in.
 liquid-eq. YEAR TO DATE AVG.: 17.27 in.
 2012-13 Seasonal SNOW TO DATE: 31.4 in
 Seasonal SNOW TO DATE AVG.: 35.8 in

Degree Days

COOLING: 6/13: 137.5
 1/13-Now: 216
 HEATING: 6/13: 47
 7/12-Now: 6646.5
 GROWING: 6/13: 540.5
 1/13-Now: 933

Discussion

The month of June saw an average temperature of 68.02 degrees, slightly below historical average for the month. Both average highs and lows were also a few degrees below normal.

Throughout the month of June we had a total of 7.38, 3.2 inches above average and the highest seen for the month of June since 2000. The record was set in 1993 with 9.87 inches of rain. Most of this rain fell on the 22, where 3" was recorded to have fallen. It is the highest one day precipitation amount for the month of June since 1970, which was 3.06." The year to date precipitation total now stands at 26.82, almost 10 inches above average. This sets the record for the wettest year so far. The last record was set in 1902 with 25.62" having fallen by this time that year.

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This summary was prepared by Richard Medicott, 08 July 2013. Forecast information (updated once daily at approx. 7:30 am): (847) 848-4082.

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

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June 2013 Daily Highs and Lows with 1981-2010 Average Highs and Lows

Prepared by Richard Medicott, NIU Weather Director

