

MONTHLY CLIMATE SUMMARY, JUNE 2016
NIU WEATHER SERVICE: DE KALB, IL.

Day	Record		Average		Obs.	Obs.	Obs.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO	Avg.					
1	106	34	77	55	80	64	72	22	7	0	0.88	0
2	97	38	78	56	80	63	71.5	21.5	6.5	0	0.03	0
3	102	34	74	54	78	62	70	20	5	0	0	0
4	97	34	72	52	83	65	70.5	20.5	5.5	0	T	0
5	98	33	74	53	78	61	69.5	19.5	4.5	0	0.12	0
6	98	40	76	56	79	64	71.5	21.5	6.5	0	0.03	0
7	97	38	80	58	80	55	67.5	17.5	2.5	0	0	0
8	98	35	80	59	67	55	61	11	0	4	0	0
9	95	35	79	58	77	58	67.5	17.5	2.5	0	0	0
10	103	36	78	57	70	63	66.5	16.5	1.5	0	0.22	0
11	102	36	80	57	91	74	82.5	32.5	17.5	0	0	0
12	95	38	81	60	91	63	77	27	12	0	0	0
13	95	42	81	60	72	60	66	16	1	0	0	0
14	96	39	82	61	88	67	77.5	27.5	12.5	0	0.06	0
15	96	39	81	60	87	68	77.5	27.5	12.5	0	1.28	0
16	95	37	80	59	90	66	78	28	13	0	0	0
17	99	37	81	58	72	60	66	16	1	0	0	0
18	96	44	82	61	84	62	73	23	8	0	0	0
19	99	42	83	60	86	64	75	25	10	0	0	0
20	99	37	82	61	88	67	77.5	27.5	12.5	0	0	0
21	100	38	84	63	91	60	75.5	25.5	10.5	0	0	0
22	99	40	83	62	81	63	72	22	7	0	0.09	0
23	103	39	83	61	76	62	69	19	4	0	0.62	0
24	102	40	83	61	79	59	69	19	4	0	0	0
25	99	43	84	63	82	62	72	22	7	0	0	0
26	101	45	85	62	88	69	78.5	28.5	13.5	0	0	0
27	100	40	83	62	87	68	77.5	27.5	12.5	0	0.03	0
28	101	41	83	62	86	60	73	23	8	0	0	0
29	101	40	82	61	70	54	62	12	0	3	0	0
30	102	39	81	60	78	60	69	19	4	0	0	0

Temperature

1981-2010 AVG. HI: 80.3 (F)
 1981-2010 AVG. LOW: 59 (F)
 1981-2010 AVG. TEMP.: 69.7 (F)
 June 2016 AVG. HI: 81.3 (F)
 June 2016 AVG. LO: 62.6 (F)
 June 2016 AVG. TEMP.: 71.8 (F)

Precipitation

June 2016 TOTAL: 3.36 in.
 June AVG.: 4.18 in.
 June 2016 SNOW: 0
 June SNOW AVG: 0
 2016 liquid-eq. YEAR TO DATE: 16.85 in.
 liquid-eq. YEAR TO DATE AVG.: 17.27 in.
 2015-16 Seasonal SNOW TO DATE: 23.5 in
 Seasonal SNOW TO DATE AVG.: 35.8 in

Degree Days

COOLING: 6/16: 212
 1/16-Now: 285.5
 HEATING: 6/16: 7
 7/15-Now: 5958
 GROWING: 6/16: 655
 1/16-Now: 1119.5

Discussion

June 2016 had an average temperature of 71.8°F with an average high of 81.3°F and an average low of 62.6°F. The June average temperature of 71.8°F was above the historical average by about 2.1 degrees. The average high temperature was exactly 1 degree above the historical high average temperature, while the average low temperature was 3.6 degrees above the historical low average temperature. The lowest high temperature in June (67°F) occurred on June 8th which is 13 degrees below the historical average temperature on that specific day.

Total precipitation for the month was 3.36 inches, which is 0.82 inches below the historical average of 4.18 inches for June. Year to date precipitation stands at 16.85 inches, which is 0.42 inches below average. June 15th accounted for 38% of the monthly precipitation.

There were only 7 heating degree days making the total since last July 5,958 days. There were 655 growing degree days for the month, making the yearly total 1,119.5.

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This summary was prepared by Dominique Watson, 11 July 2016. Forecast information (updated once daily at approx. 7:30 am): (630) 999-1327.

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

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June 2016 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Dominique Watson, NIU Weather Director

