

MONTHLY CLIMATE SUMMARY, JUNE 2018

NIU WEATHER SERVICE: DE KALB, IL.

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	86	67	76.5	27	12	0	0	0
2	97	38	78	56	80	51	65.5	16	1	0	0	0
3	102	34	74	54	75	52	63.5	14	0	1	0.11	0
4	97	34	72	52	75	53	64	14	0	1	0	0
5	98	33	74	53	79	57	68	18	3	0	0	0
6	98	40	76	56	80	52	66	16	1	0	0.03	0
7	97	38	80	58	81	53	67	17	2	0	T	0
8	98	35	80	59	85	62	73.5	24	9	0	0	0
9	95	35	79	58	75	61	68	18	3	0	0.88	0
10	103	36	78	57	78	63	70.5	21	6	0	1.81	0
11	102	36	80	57	71	62	66.5	17	2	0	0.06	0
12	95	38	81	60	69	61	65	15	0	0	T	0
13	95	42	81	60	76	67	71.5	22	7	0	T	0
14	96	39	82	61	79	61	70	20	5	0	0	0
15	96	39	81	60	76	64	70	20	5	0	0	0
16	95	37	80	59	87	64	75.5	26	11	0	0.02	0
17	99	37	81	58	91	70	80.5	31	16	0	0	0
18	96	44	82	61	87	73	80	30	15	0	0	0
19	99	42	83	60	92	66	79	29	14	0	1.94	0
20	99	37	82	61	81	64	72.5	23	8	0	0.03	0
21	100	38	84	63	78	62	70	20	5	0	0.02	0
22	99	40	83	62	66	60	63	13	0	2	1.22	0
23	103	39	83	61	63	57	60	10	0	5	0.54	0
4	102	40	83	61	78	60	69	19	4	0	0	0
25	99	43	84	63	83	60	71.5	22	7	0	0	0
26	101	45	85	62	78	62	70	20	5	0	T	0
27	100	40	83	62	79	65	72	22	7	0	2.15	0
28	101	41	83	62	80	65	72.5	23	8	0	T	0
29	101	40	82	61	85	66	75.5	26	11	0	0	0
30	102	39	81	60	92	71	81.5	32	17	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 2018 AVG. HI: 79.5 (F)
 June 2018 AVG. LO: 61.7 (F)
 June 2018 AVG. TEMP.: 70.6 (F)

Precipitation

June 2018 TOTAL: 8.81 in.
 June AVG.: 4.18 in.
 June 2018 SNOW: 0
 June SNOW AVG: 0
 2018 liquid-eq. YEAR TO DATE: 22.44 in.
 liquid-eq. YEAR TO DATE AVG.: 17.27 in.
 2017-18 Seasonal SNOW TO DATE: 32.8 in
 Seasonal SNOW TO DATE AVG.: 35.8 in

Degree Days

COOLING: 6/18: 184
 2/18-Now: 305
 HEATING: 6/18: 9
 7/17-Now: 6930.5
 GROWING: 6/18: 625
 2/18-Now: 1143

Discussion

June 2018 was one of the wettest Junes we have had since 1896. With a total of 8.81 inches of precipitation, it is tied with the June of 1972 for the spot of fourth wettest June. As for temperature, June of 2018 did not see any record-breaking numbers. The June average temperature of 70.6°F was 0.9°F above the historical average. The average high temperature was 0.8°F below the historical high average temperature with an average high temperature of 79.5 degrees. The average low temperature was 2.7°F above the historical low average temperature with 61.7°F. June had 15 days with at or above average highs and 13 days with at or above average lows.

Total precipitation for the month was 8.81 inches, which is 4.63 inches above the historical average of 4.18 inches for June. Year to date precipitation stands at 22.44 inches, which is 5.17 inches above average. Sixty seven percent of precipitation fell in the second half of the month. The highest amount of precipitation fell on the 27th, with 2.15 inches of precipitation on that day. There was no snowfall in June, which matched the average.

There were only 9 heating degree days making the total since last July 6930.5 days. There were 625 growing degree days for the month, making the yearly total 1143. We had 184 cooling degree days, making the yearly total 305.

Hannah Alto, Brent Brock - Cooperative Observers

Nick Rodeo—Weather Director

This summary was prepared by Nick Rodeo, 15 July 2018. 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.

June 2018 Daily Highs and Lows with 1981-2010 Average Highs and Lows
Prepared by Nicholas Rodeo, NIU Weather Director

