

MONTHLY CLIMATE SUMMARY, JUNE 2019
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	80	61	70.5	20.5	5.5	0	0	0
2	97	38	78	56	81	55	68	18	3	0	0.01	0
3	102	34	74	54	72	49	60.5	10.5	0	4.5	0	0
4	97	34	72	52	70	50	60	10	0	5	0.02	0
5	98	33	74	53	80	57	68.5	18.5	3.5	0	0.77	0
6	98	40	76	56	82	60	71	21	6	0	0	0
7	97	38	80	58	80	58	69	19	4	0	0	0
8	98	35	80	59	82	60	71	21	6	0	0	0
9	95	35	79	58	80	63	71.5	21.5	6.5	0	0.01	0
10	103	36	78	57	78	57	67.5	17.5	2.5	0	0	0
11	102	36	80	57	73	55	64	14	0	1	0	0
12	95	38	81	60	80	58	69	19	4	0	0	0
13	95	42	81	60	69	51	60	10	0	5	0.27	0
14	96	39	82	61	67	49	58	8	0	7	0	0
15	96	39	81	60	78	54	66	16	1	0	0.01	0
16	95	37	80	59	69	58	63.5	13.5	0	1.5	0.86	0
17	99	37	81	58	63	55	59	9	0	6	0.08	0
18	96	44	82	61	70	53	61.5	11.5	0	3.5	0.01	0
19	99	42	83	60	79	57	68	18	3	0	0	0
20	99	37	82	61	69	56	62.5	12.5	0	2.5	0.21	0
21	100	38	84	63	71	55	63	13	0	2	0	0
22	99	40	83	62	72	58	65	15	0	0	0	0
23	103	39	83	61	80	61	70.5	20.5	5.5	0	0.18	0
4	102	40	83	61	80	65	72.5	22.5	7.5	0	0.02	0
25	99	43	84	63	79	61	70	20	5	0	0.22	0
26	101	45	85	62	83	64	73.5	23.5	8.5	0	0.02	0
27	100	40	83	62	88	66	77	27	12	0	0	0
28	101	41	83	62	90	68	79	29	14	0	0	0
29	101	40	82	61	89	68	78.5	28.5	13.5	0	0	0
30	102	39	81	60	90	70	80	30	15	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 2019 AVG. HI: 77.5 (F)
 June 2019 AVG. LO: 58.4 (F)
 June 2019 AVG. TEMP.: 67.9 (F)

Precipitation

June 2019 TOTAL: 2.69 in.
 June AVG.: 4.18 in.
 June 2019 SNOW: 0
 June SNOW AVG: 0
 2019 liquid-eq. YEAR TO DATE: 21.42 in.
 liquid-eq. YEAR TO DATE AVG.: 17.27 in.
 2018-19 Seasonal SNOW TO DATE: 53.6 in
 Seasonal SNOW TO DATE AVG.: 35.8 in

Degree Days

COOLING: 6/19: 126
 2/19-Now: 138.5
 HEATING: 6/19: 38
 7/18-Now: 7248
 GROWING: 6/19: 588
 2/19-Now: 889.5

Discussion

As for temperature, June of 2019 did not see any record-breaking numbers, although it was a rather cool month. The June average temperature of 67.9°F was 1.8°F below the historical average. The average high temperature was 2.8°F below the historical high average temperature of 80.3 degrees. The average low temperature was 0.6°F below the historical low average of 59 degrees. June had 19 days with at or below average highs and 19 days with at or below average lows.

June 2019 was the 9th driest June we've had since records began in 1966 with a total of 2.69 inches of precipitation, quite a contrast from the wet start to the year we had. Total precipitation for the month was 2.69 inches, which is 1.49 inches below the historical average of 4.18 inches for June. Year to date precipitation stands at 21.42 inches, which is 4.15 inches above average. Precipitation was relatively evenly distributed as forty one percent of precipitation fell in the first half of the month. The highest amount of precipitation fell on the 16th, with 0.86 inches of precipitation on that day. There was no snowfall in June, which matched the average.

There were 38 heating degree days making the total since last July 7248 days, 317.5 HDDs more than at this point last year. There were 588 growing degree days for the month, making the yearly total 889.5. We had 126 cooling degree days, making the yearly total 138.5.

Erin Hoover & Victoria Lockhart- Cooperative Observers
 Luke Henderson & Nick Rodeo—Weather Director

This summary was prepared by Luke Henderson, 15 July 2019. 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 2019 Daily Highs and Lows with 1981-2010 Average Highs and Lows Prepared by Luke Henderson, NIU Weather Director

