

MONTHLY CLIMATE SUMMARY, APRIL 2020

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. AVG	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	84	16	56	34	38	35	36.5	0	28.5	0	0	0
2	81	14	53	34	54	35	44.5	0	20.5	0	0	0
3	80	14	57	35	61	36	48.5	0	16.5	0	T	0
4	79	13	56	34	68	35	51.5	0	13.5	1.5	0.03	0
5	80	15	53	33	50	32	41	0	24	0	0	0
6	83	12	55	33	54	33	43.5	0	21.5	0	0	0
7	79	8	56	33	60	35	47.5	0	17.5	0	0.01	0
8	83	12	55	33	78	53	65.5	0.5	0	15.5	0.01	0
9	77	18	52	33	70	35	52.5	0	12.5	2.5	0.12	0
10	92	17	54	34	47	28	37.5	0	27.5	0	T	T
11	90	18	57	35	49	29	39	0	26	0	0	0
12	82	18	57	37	63	41	52	0	13	2	0.19	0
13	82	18	56	37	63	33	48	0	17	0	0.18	0
14	84	20	58	37	41	23	32	0	33	0	0	0
15	85	17	61	39	39	19	29	0	36	0	0.07	0.9
16	87	16	61	40	38	22	30	0	35	0	T	T
17	87	22	60	39	45	24	34.5	0	30.5	0	0.21	4
18	87	21	62	39	43	31	37	0	28	0	0.05	0.5
19	90	22	64	42	57	32	44.5	0	20.5	0	0	0
20	84	22	63	41	60	34	47	0	18	0	0	0
21	90	22	63	41	62	32	47	0	18	0	0.02	0
22	91	20	60	39	51	33	42	0	23	0	0	0
23	91	22	61	40	61	38	49.5	0	15.5	0	0.04	0
24	85	17	62	40	57	38	47.5	0	17.5	0	0.02	0
25	85	21	67	43	51	39	45	0	20	0	0.06	0
26	92	25	68	43	44	39	41.5	0	23.5	0	0.67	0
27	91	22	66	42	64	39	51.5	0	13.5	1.5	0	0
28	88	25	64	41	63	43	53	0	12	3	0.05	0
29	89	25	63	42	72	50	61	0	4	11	0.34	0
30	92	29	66	44	51	46	48.5	0	16.5	0	1.33	0

Temperature

1981-2010 AVG HI: 59.5°F
 1981-2010 AVG LOW: 37.8°F
 1981-2010 AVG TEMP.: 48.7°F
 April 2020 AVG HI: 55.1°F
 April 2020 AVG LOW: 34.7°F
 April 2020 AVG TEMP: 44.9°F

Precipitation

April 2020 TOTAL: 3.4 in.
 April AVG: 3.26 in.
 April 2020 SNOW: 5.4 in.
 April SNOW AVG.: 0.8 in.
 2020 Liquid-Eq. YEAR TO DATE: 10.94 in.
 Liquid-Eq. YEAR TO DATE AVG: 8.54 in.
 2019-2020 Seasonal SNOW TO DATE: 40 in.
 Seasonal SNOW TO DATE AVG: 35.8 in.

Degree Days

COOLING: 4/20: 0.5
 2/20-Now: 0.5
 HEATING: 4/20: 602.5
 7/19-Now: 5905.5
 GROWING: 4/20: 37
 2/20-Now: 39.5

Discussion

April's average temperature was 44.9 degrees, which is cooler than the historical average temperature of 48.7 degrees. April's average high of 55.1 degrees was 4.4 degrees cooler than the historical average, with the average low temperature being 3.1 degrees cooler than the historical average. April had 20 days with at or below average highs and 19 days with at or below average lows. April had its highest temperature on the 8th at 78 degrees; this was 23 degrees above the average for the day. April did not see any record-breaking temperatures.

April 2020 featured a total of 5.4 in. of snow (675% of normal of 0.8 in), with most of it falling on the 17th, when 4 inches fell. April 2020 was the 6th snowiest April on record since records began in 1955. This brings the 2019-2020 seasonal snow total to 40 inches, which is 4.2 inches above the average of 35.8 inches. The April precipitation total was 3.4 inches, which was 0.14 inches above average. This brings the 2020 liquid-equivalent year to date total to 10.94 in, which is 2.4 in above average.

April 2020 featured a total of 602.5 heating degree days (HDD) which brings the total to 5905.5 HDDs from 7/19 to now. April also featured 37 growing degree days (GDD), bringing the total of GDDs to 39.5 for 2020. April had 0.5 cooling degree days (CDD), bringing the total of CDDs to 0.5 for 2020.

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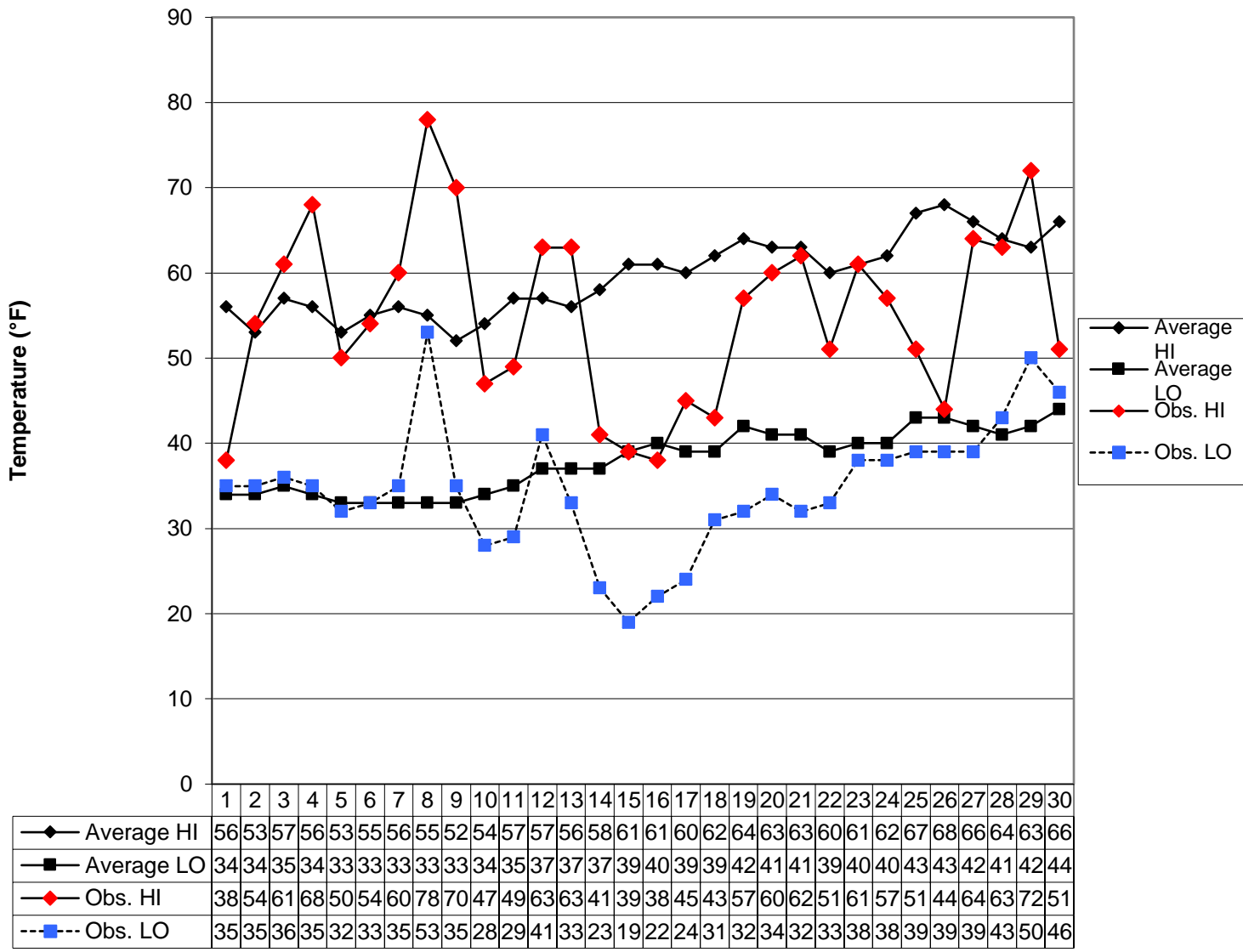
This summary was prepared by Luke Henderson, 16 May 2020. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

A special thanks to the people that took observations during the COVID-19 pandemic.

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

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April 2020 Daily Highs and Lows with 1981-2010 Average Highs and Lows Prepared by Luke Henderson, NIU Weather Director



Day