

MONTHLY CLIMATE SUMMARY, MAY 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	89	27	64	43	63	38	50.5	0	14.5	0.5	0	0
2	90	27	65	44	65	40	52.5	0	12.5	2.5	0	0
3	89	28	65	44	75	52	63.5	0	1.5	13.5	0	0
4	90	26	66	43	72	39	55.5	0	9.5	5.5	0	0
5	92	27	68	45	51	39	45	0	20	0	0.11	0
6	94	28	70	46	49	38	43.5	0	21.5	0	0.25	0
7	89	24	71	47	62	39	50.5	0	14.5	0.5	0	0
8	89	28	68	47	64	36	50	0	15	0	0	0
9	95	25	72	49	48	27	37.5	0	27.5	0	0	0
10	90	25	72	48	59	32	45.5	0	19.5	0	0.01	0
11	91	24	72	48	47	37	42	0	23	0	0.21	0
12	92	29	70	47	49	36	42.5	0	22.5	0	0	0
13	88	29	68	47	62	38	50	0	15	0	0	0
14	90	28	68	46	66	43	54.5	0	10.5	4.5	1.15	0
15	90	31	69	47	72	52	62	0	3	12	2.52	0
16	91	29	69	47	75	53	64	0	1	14	0.01	0
17	92	33	73	48	71	44	57.5	0	7.5	7.5	0.53	0
18	94	31	72	49	69	53	61	0	4	11	0.93	0
19	95	30	71	50	62	42	52	0	13	2	0.08	0
20	95	32	73	50	58	52	55	0	10	5	0	0
21	94	31	72	49	65	54	59.5	0	5.5	9.5	0	0
22	93	35	73	49	67	55	61	0	4	11	0	0
23	93	30	73	51	71	57	64	0	1	14	0	0
24	94	33	73	50	77	59	68	3	0	18	0.35	0
25	92	28	71	50	86	63	74.5	9.5	0	24.5	T	0
26	97	31	70	50	84	65	74.5	9.5	0	24.5	0	0
27	97	30	72	51	85	68	76.5	11.5	0	26.5	T	0
28	96	33	72	51	85	67	76	11	0	26	0.03	0
29	93	31	74	53	80	60	70	5	0	20	0.04	0
30	94	35	76	54	70	52	61	0	4	11	0	0
31	107	35	78	56	70	48	59	0	6	9	0	0

Temperature

1981-2010 AVG. HI: 71.3(F)
 1981-2010 AVG. LOW: 48.3(F)
 1981-2010 AVG. TEMP: 59.8(F)
 May 2020 AVG. HI: 67.1(F)
 May 2020 AVG. LO: 47.7(F)
 May 2020 AVG. TEMP: 57.4(F)

Precipitation

May 2020 TOTAL: 6.22 in.
 May AVG.: 4.55 in.
 May 2020 SNOW: 0.0 in.
 May SNOW AVG: 0
 2020 liquid-eq. YEAR TO DATE: 17.16 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2019-20 Seasonal SNOW TO DATE: 40 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/20: 49.5
 2/20-Now: 50
 HEATING: 5/20: 286
 7/19-Now: 6191.5
 GROWING: 5/20: 272.5
 2/20-Now: 312

Discussion

May 2020 featured an average temperature of 57.4 degrees, which is 2.4 degrees cooler than the historical average temperature of 59.8 degrees. May's average high of 67.1 degrees was 4.2 degrees cooler than the historical average, and the average low temperature, of 47.7 degrees, was just 0.6 degrees cooler than the historical average of 48.3 degrees.. May had 21 days with at or below average highs and 17 days with at or below average lows. May had its highest temperature on the 25th at 86 degrees; this was 15 degrees above the average for the day. No temperature records were broken during the month of May.

May of 2020 was the 10th wettest May since records began in 1955. The May 2020 precipitation total was 6.22 in., which was 1.67 in. above the 30-year average. The 2020 liquid-equivalent year to date now is 17.16 in., which is 4.07 inches above average. The highest amount of precipitation fell on the 15th of the month, with 2.52 inches of rainfall occurring on that day. There was no snowfall for May, which matches the average amount for this month.

May 2020 featured a total of 286 heating degree days (HDD) which brings the total to 6191.5 HDDs from 7/19 to now. May also featured 272.5 growing degree days (GDD), bringing the total of GDDs to 312 for 2020. May had 49.5 cooling degree days (CDD), bringing the total of CDDs to 50 for 2020.

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This summary was prepared by Luke Henderson, 1 June 2020. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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

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

