

MONTHLY CLIMATE SUMMARY, NOVEMBER, 2007
NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average		Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
			HI	Average LO								
1	82	15	57	39	67	30	48.5	0	16.5	0	0	0
2	77	12	57	38	54	30	42	0	23	0	0	0
3	75	8	53	35	57	30	43.5	0	21.5	0	0	0
4	75	8	50	34	54	33	43.5	0	21.5	0	0	0
5	75	1	50	34	54	33	43.5	0	21.5	0	0	0
6	74	11	49	32	52	31	41.5	0	23.5	0	0	0
7	78	7	48	33	44	24	34	0	31	0	0	0
8	72	6	49	32	42	24	33	0	32	0	0	0
9	76	8	50	32	50	29	39.5	0	25.5	0	0	0
10	74	13	49	32	46	27	36.5	0	28.5	0	0	0
11	74	8	45	29	48	27	37.5	0	27.5	0	0.11	0
12	72	11	44	28	56	42	49	0	16	0	T	0
13	69	3	44	29	63	32	32	0	33	0	0	0
14	73	2	48	29	58	32	45	0	20	0	0	0
15	70	2	46	30	50	35	42.5	0	22.5	0	0	0
16	73	-2	46	29	40	21	30.5	0	34.5	0	0	0
17	72	-2	47	30	40	26	33	0	32	0	0	0
18	71	5	48	31	42	33	37.5	0	27.5	0	0.01	0
19	73	6	48	33	45	33	39	0	26	0	0.01	0
20	67	3	47	29	56	41	48.5	0	16.5	0	T	0
21	72	2	43	27	48	41	44.5	0	20.5	0	0.41	0
22	68	0	41	24	41	26	33.5	0	31.5	0	0.31	0.4
23	68	-2	43	27	31	19	41	0	24	0	0	0
24	64	-5	42	26	31	22	26.5	0	38.5	0	0	0
25	64	-6	41	25	37	25	31	0	34	0	0	0
26	65	-4	43	27	36	27	31.5	0	33.5	0	T	0
27	65	-2	41	28	38	26	32	0	33	0	0	0
28	66	-6	40	24	32	23	27.5	0	37.5	0	0	0
29	64	-3	38	22	42	16	29	0	36	0	0	0
30	65	-9	39	25	34	16	25	0	40	0	0	0

Temperature

1971-2000 AVG. HI: 46.3(F)
 1971-2000 AVG. LOW: 29.7(F)
 1971-2000 AVG. TEMP: 38.0(F)
 November 2007 AVG. HI: 46.3(F)
 November 2007 AVG. LO: 28.5(F)
 November 2007 AVG. TEMP: 37.4(F)

Precipitation

November TOTAL: 0.85 in
 November AVG: 2.82 in
 AVG SNOW: 0.4 in.
 YEAR TO DATE: 40.75 in
 YEAR TO DATE AVG: 35.22 in

Degree Days

COOLING: 11/07: 0
 1/07-Now: 934.5
 HEATING: 11/07: 828.5
 7/07-Now: 1078
 GROWING: 11/07: 0
 1/07-Now: 3100

Discussion

November 2007 experienced temperatures close to the 1971-2000 averages for this month. The average high was exactly the same as the 1971-2000 average high, while the average low of 29.7°F was only 1.2°F below the 1971-2000 average low. Furthermore, the overall average was only 0.6°F cooler than the 1971-2000 average.

On November 22nd, the first snowfall of the season was recorded at the cooperative weather station in De Kalb. The total amount of snow measured for this event was 0.4 inches. The 0.72 inches of precipitation that occurred in two-day period between November 21-22, which included the first snowfall, accounted for 85% of November 2007's precipitation. Only 0.85 inches of precipitation fell in November 2007, which tied 1980 for the 4th least amount on record for a November on record. The total precipitation for 2007 has now reached 40.75 inches, which is ranked 7th behind the 47.54 inches that occurred in 1972.

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November 2007 Daily Highs and Lows with 1971-2000 Average Highs and Lows

