

MONTHLY CLIMATE SUMMARY, February, 2004 NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	Precip. (in)	Snowfall (in)
1	65	-18	30	13	12	-11	0.5	0	64.5	0.00	0.0
2	47	-20	30	13	28	12	20	0	45	0.00	0.0
3	52	-23	29	13	31	23	27	0	38	0.34	3.4
4	54	-18	28	11	23	-1	11	0	54	T	T
5	58	-20	27	11	24	1	15	0	50	0.00	0.0
6	55	-15	27	10	28	23	25.5	0	39.5	0.19	2.2
7	52	-16	27	10	28	19	23.5	0	41.5	T	0.2
8	56	-16	27	11	27	5	16	0	49	T	T
9	59	-26	28	11	29	14	21.5	0	43.5	T	T
10	55	-21	29	12	32	20	26	0	39	T	T
11	60	-15	30	14	25	8	16.5	0	48.5	T	T
12	55	-21	31	15	34	11	22.5	0	42.5	0.00	0.0
13	59	-26	32	15	26	6	16	0	49	0.00	0.0
14	60	-12	33	16	29	6	17.5	0	47.5	0.00	0.0
15	64	-17	33	17	32	6	19	0	46	0.00	0.0
16	56	-14	34	18	23	5	14	0	51	0.00	0.0
17	57	-16	36	19	23	9	16	0	49	0.00	0.0
18	56	-21	37	20	34	13	23.5	0	41.5	0.00	0.0
19	66	-17	38	21	43	18	30.5	0	34.5	0.00	0.0
20	62	-25	38	22	41	29	35	0	30	0.07	0.0
21	65	-11	38	22	42	30	36	0	29	0.22	0.2
22	64	-13	37	21	38	24	31	0	34	0.00	0.0
23	69	-12	37	20	40	25	32.5	0	32.5	0.16	0.0
24	62	-11	36	19	43	33	38	0	27	0.00	0.0
25	66	-12	37	19	36	27	31.5	0	33.5	T	0.0
26	69	-11	37	20	40	26	33	0	32	0.00	0.0
27	68	-6	38	20	44	26	35	0	30	0.00	0.0
28	63	-5	39	20	46	26	36	0	29	0.00	0.0
29	59	-13	40	23	53	30	41.5	0	23.5	0.00	

Temperature

1896-1995 AVG. HI: 32.7(F)
 1896-1995 AVG. LOW: 16.0(F)
 1896-1995 AVG. TEMP: 24.6(F)
 February 2004 AVG. HI: 33.1(F)
 February 2004 AVG. LO: 15.9(F)
 February 2004 AVG. TEMP: 24.5(F)

Precipitation

February TOTAL: 0.98in
 February AVG: 1.21in.
 SNOW: 6.0 in.
 AVG SNOW: 7.3in
 YEAR TO DATE: 1.48 in.
 YEAR TO DATE AVG: 2.64 in

Degree Days

COOLING: 2/04: 0.0
 1/04-Now: 0.0
 HEATING: 2/04: 1174
 7/03-Now: 5087.5

Discussion

Although February ended up near average (-0.1°F) in terms of monthly average temperature, the month could be broken into two distinct periods with generally below average temperatures occurring from the 1st through 18th and above average temperatures after that point. February had two days with minimum temperatures below 0°F and eight days with high temperatures at or above 40°F. In terms of the climatological winter (December through February) the three month average temperature ended up a little above (warmer) than the long-term average.

In regards to precipitation, DeKalb once again received less than average (about a quarter inch less than what we expect for February). Snowfall was also slightly below the long-term average. The month started out cold and snowy with two snow events occurring in first six days. However, no snows of significance occurred after this point. We had more than a trace of snow on the ground from the beginning of the month through the 22nd. Climatologically, the coldest part of the winter is over and we should see temperatures warming in the coming month as day length expands considerably.

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Forecast Information (updated once daily at approx. 7:30 am): (815) 753-1623

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