

MONTHLY CLIMATE SUMMARY, January, 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	57	-14	26	10	36	25	30.5	0	34.5	0	0
2	56	-16	26	10	41	28	34.5	0	30.5	T	0
3	58	-17	25	9	55	29	42	0	23	T	0
4	55	-22	25	9	35	24	29.5	0	35.5	T	0.2
5	56	-24	25	8	26	18	22	0	43	0.11	5.4
6	49	-19	24	8	19	-8	5.5	0	59.5	T	T
7	49	-20	24	8	7	-7	0	0	65	0	0
8	56	-19	23	8	21	3	12	0	53	0	0
9	53	-14	24	8	26	16	21	0	44	T	T
10	56	-25	25	9	25	15	20	0	45	T	T
11	55	-22	26	11	25	20	22.5	0	42.5	0	0
12	56	-19	26	11	38	24	31	0	34	T	T
13	55	-17	26	11	34	26	30	0	35	0	0
14	57	-18	27	11	34	24	29	0	36	0	0
15	54	-21	26	10	35	12	23.5	0	41.5	T	T
16	53	-21	26	10	24	12	18	0	47	T	T
17	56	-18	27	10	31	23	27	0	38	0.05	T
18	54	-25	27	11	33	12	22.5	0	42.5	T	0
19	57	-22	28	12	13	2	7.5	0	57.5	T	T
20	49	-27	29	13	16	2	9	0	56	0	0
21	59	-22	30	14	19	9	14	0	51	T	T
22	55	-27	31	15	37	2	19.5	0	45.5	0	0
23	57	-22	31	14	10	0	5	0	60	T	T
24	63	-22	30	13	24	8	16	0	49	0.05	0.7
25	62	-25	29	13	17	6	11.5	0	53.5	T	T
26	59	-23	29	13	21	15	18	0	47	0.02	0.3
27	60	-16	29	13	21	14	17.5	0	47.5	0.12	2.3
28	56	-22	29	13	18	-4	7	0	58	0.10	1.4
29	55	-17	30	14	9	-4	2.5	0	62.5	T	T
30	50	-22	30	14	2	-13	-5.5	0	70.5	0.05	0.8
31	52	-16	30	14	1	-12	-5.5	0	70.5	0	0

*new record high

Temperature

1896-1995 AVG. HI: 27.1(F)
 1896-1995 AVG. LOW: 11.2(F)
 1896-1995 AVG. TEMP: 19.3(F)
 January 2004 AVG. HI: 24.3(F)
 January 2004 AVG. LO: 10.3(F)
 January 2004 AVG. TEMP: 17.3(F)

Precipitation

January TOTAL: 0.50in
 January AVG: 1.43in.
 SNOW: 11.1in.
 AVG SNOW: 9.1in
 YEAR TO DATE: 0.50in.
 YEAR TO DATE AVG: 1.43 in

Degree Days

COOLING: 1/04: 0.0
 1/04-Now: 0.0
 HEATING: 1/04: 1478.0
 7/03-Now: 3913.5

Discussion

January began as December 2003 closed, with above average temperatures. This warm period was highlighted by a high of 55°F on January 3rd, just 3° shy of the record for that date. Except for a brief period of slightly above average temperatures between the 9th and the 18th, the month was colder than average. This cold was highlighted by a period between the 23rd and the end of the month, when temperatures remained below freezing. The monthly average temperature was 2.0°F below the long-term average, leading to additional energy usage during January.

Precipitation for the month was below average with only 0.50 inches of liquid water. This represents a continued below average pattern established in 2003. Although precipitation was about a third of average, snowfall was 11.1 inches or 2 inches greater than average. The snowfall came in two significant events, 5.6" on the 4th-5th and 4.0" over the period from the 26th-28th. A trace or more of snow covered the ground from the 4th through the end of the month.

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

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