

MONTHLY CLIMATE SUMMARY, JANUARY 2001

NIU WEATHER SERVICE, DEKALB, IL

Day	Record Hi (F)	Record Lo (F)	Average Hi (1895-1995) (F)	Average Low (1895-1995) (F)	Observed Hi (F)	Observed Lo (F)	Observed Avg Daily Temp (F)	CD	HD	Precip (in.)	Snow-fall (in)
1	57	-14	26	10	21	7	14	0	51	T	0.2
2	56	-16	26	10	17	-1	8	0	57	0	0
3	58	-17	25	9	17	-5	6	0	59	T	T
4	55	-22	25	9	27	17	22	0	43	0	0
5	56	-24	25	8	32	19	25.5	0	39.5	T	0
6	49	-19	24	8	34	13	23.5	0	41.5	0	0
7	49	-20	24	8	33	16	24.5	0	40.5	0	0
8	56	-19	23	8	31	6	18.5	0	46.5	0	0
9	53	-14	24	8	21	5	13	0	52	0	0
10	56	-25	25	9	19	5	12	0	53	0	0
11	55	-22	26	11	32	14	23	0	42	0	0
12	56	-19	26	11	31	19	25	0	40	0	0
13	55	-17	26	11	34	28	31	0	34	0	0
14	57	-18	27	11	33	31	32	0	33	0.14	0.7
15	54	-21	26	10	34	32	33	0	32	0.09	T
16	53	-21	26	10	33	26	29.5	0	35.5	T	T
17	56	-18	27	10	27	20	23.5	0	41.5	0	0
18	54	-25	27	11	24	14	19	0	46	0	0
19	57	-22	28	12	31	12	21.5	0	43.5	0	0
20	49	-27	29	13	24	7	15.5	0	49.5	T	T
21	59	-22	30	14	20	5	12.5	0	52.5	0	0
22	55	-22	31	15	21	2	11.5	0	53.5	0	0
23	57	-25	31	14	28	3	15.5	0	49.5	0	0
24	63	-23	30	13	30	12	21	0	44	0	0
25	62	-23	29	13	25	6	15.5	0	49.5	T	T
26	59	-20	29	13	23	5	14	0	51	0	0
27	60	-16	29	13	29	17	23	0	42	0.07	1.1
28	51	-22	29	13	25	8	16.5	0	48.5	0	0
29	55	-17	30	14	31	10	20.5	0	44.5	0.1	1.0
30	50	-22	30	14	39	30	34.5	0	30.5	1.12	0
31	52	-16	30	14	34	31	32.5	0	32.5	0.35	1.0

Temperature

1896-1995 AVG. HI: 27.1(F)
 1896-1995 AVG. LOW: 11.2(F)
 1896-1995 AVG. TEMP: 19.3(F)
 JANUARY 2001 AVG. HI: 27.7 (F)
 JANUARY 2001 AVG. LO: 13.4(F)
 JANUARY 2001 AVG. TEMP: 20.5(F)

Precipitation

JANUARY AVG: 1.43in
 JANUARY TOTAL: 1.87 in.
 SNOW: 4.0in.
 YEAR TO DATE: 1.87in.
 YEAR TO DATE AVG: 1.43in.

Degree Days

COOLING: 01/01- 0
 1/01-Now 0
 HEATING: 01/01 1378
 7/00-Now 4681

DISCUSSION

After the 2nd coldest and 2nd snowiest December on record, it was hard to say what the following January would bring. One would expect more of the same, however, January 2001 proved to be 1.2 degrees F warmer than average. It didn't seem to be so when compared to the warm Januaries of the past three years, especially since the temperature rose to above 34 degrees F only once in January 2001. Precipitation totaled 0.44" above average, but that may be a bit misleading as the month was running extremely dry up to the last three days of the month. This is when most of the precipitation fell. The storm system that brought this precipitation arrived over very cold air at the surface. This resulted in precipitation beginning as snow and freezing rain leaving behind an impressive glazing on the morning of the 29th. During the day on the 29th, enough warm air arrived on the heels of a southerly wind to change the precipitation over to all rain. Cold air then returned on the back side of the system changing the precipitation back to snow. Snow fell moderately for most of the day on the 30th, but temperatures hovering at or just above freezing allowing just 1" to stick. Only 4.0" of snow fell during January 2001, which is less than half the January average of 9.1". On January 31, 2001, there was still 4" of snow cover on the ground here in DeKalb. It marked 55 consecutive days with an inch or more of snow cover. To summarize, in 2001 the DeKalb area experienced a slightly warmer and wetter than average January. Snowfall was below average, but ample snow cover remained a fixture.

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