

MONTHLY CLIMATE SUMMARY, February, 2005 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	34	27	30.5	0	34.5	0.00	0.0
2	47	-20	30	13	33	23	28	0	37	0.00	0.0
3	52	-23	29	13	36	20	28	0	37	0.00	0.0
4	54	-18	28	11	44	21	32.5	0	32.5	0.00	0.0
5	58	-20	27	11	51	27	39	0	26	0.00	0.0
6	55	-15	27	10	53	32	42.5	0	22.5	0.00	0.0
7	52	-16	27	10	45	36	40.5	0	24.5	0.28	0.0
8	56	-16	27	11	42	29	35.5	0	29.5	0.04	T
9	59	-26	28	11	30	21	25.5	0	39.5	0.05	1.0
10	55	-21	29	12	26	19	22.5	0	42.5	0.03	0.5
11	60	-15	30	14	28	18	23	0	42	0.01	0.2
12	55	-21	31	15	39	21	30	0	35	0.00	0.0
13	59	-26	32	15	48	32	40	0	25	T	0.0
14	60	-12	33	16	43	38	40.5	0	24.5	0.85	0.0
15	64	-17	33	17	40	35	37.5	0	27.5	0.04	0.0
16	56	-14	34	18	40	24	32	0	33	0.04	T
17	57	-16	36	19	33	15	24	0	41	T	T
18	56	-21	37	20	26	9	17.5	0	47.5	T	T
19	66	-17	38	21	29	9	19	0	46	0.00	0.0
20	62	-25	38	22	39	27	33	0	32	0.10	0.5
21	65	-11	38	22	38	32	35	0	30	0.21	0.0
22	64	-13	37	21	35	28	31.5	0	33.5	0.05	0.5
23	69	-12	37	20	33	23	28	0	37	0.00	0.0
24	62	-11	36	19	33	23	28	0	37	0.00	0.0
25	66	-12	37	19	35	25	30	0	35	T	T
26	69	-11	37	20	42	23	32.5	0	32.5	0.00	0.0
27	68	-6	38	20	33	23	28	0	37	0.00	0.0
28	63	-5	39	20	37	26	31.5	0	33.5	0.45	1.0

Temperature

1896-1995 AVG. HI: 32.7(F)
 1896-1995 AVG. LOW: 16.0(F)
 1896-1995 AVG. TEMP: 24.6(F)
 February 2005 AVG. HI: 37.3(F)
 February 2005 AVG. LO: 24.5(F)
 February 2005 AVG. TEMP: 30.9(F)

Precipitation

February TOTAL: 2.15in
 February AVG: 1.21in
 SNOW: 3.7 in.
 AVG SNOW: 7.3in
 YEAR TO DATE: 4.67 in.
 YEAR TO DATE AVG: 2.64 in

Degree Days

COOLING: 2/05: 0.0
 1/05-Now: 0.0
 HEATING: 2/05: 954.5
 7/04-Now: 4733.0

Discussion

February ended up nearly 6.3°F above the long-term average, making it the warmest month of meteorological (December 2004-February 2005) winter. Only one period, February 19-21 had below average daily minimum temperatures. The much above average minimum temperatures could be attributed to many cloudy days. February 2005 had no days with minimum temperatures below 0°F and only two days with temperatures below 10°F. The month had 10 days when the high temperature reached 40°F or higher. In terms of the meteorological winter the three-month average temperature ended up about 3°F above average placing it in the upper third of the 110 year record. Due to this warm winter weather we used less natural gas to heat our homes and buildings.

In regards to precipitation, this was the second month in a row with above average precipitation at DeKalb. The February total was nearly an inch above the long-term average with 2005 now running about 2 inches above average. Total monthly snowfall was nearly half of average with the greatest daily snowfall amount being 1.0" falling on 9th and the 28th. Sixteen of the 28 days had precipitation (a trace or more). Total precipitation for meteorological winter was about an inch above average and snowfall ended up being about average.

Sam Shea, Alan Black, and Matt Becker, Weather Directors/Cooperative Observers, NIU

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

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