

MONTHLY CLIMATE SUMMARY, JANUARY, 2003 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	29	16	37	23	30	0	35	0	0
2	56	-16	27	12	31	26	28.5	0	36.5	T	T
3	58	-17	29	14	28	18	23	0	42	T	0.2
4	55	-22	28	10	33	18	25.5	0	39.5	0	0
5	56	-24	26	9	32	18	25	0	40	0.12	1.3
6	49	-19	26	12	31	24	27.5	0	37.5	0.04	0.3
7	49	-20	27	11	30	21	25.5	0	39.5	0	0
8	56	-19	24	7	42	26	34	0	31	0	0
9	53	-14	23	9	52	32	42	0	23	0	0
10	56	-25	24	8	36	21	28.5	0	36.5	0.01	T
11	55	-22	25	9	22	5	13.5	0	51.5	T	0.1
12	56	-19	25	10	19	5	12	0	53	0	0
13	55	-17	28	12	33	6	19.5	0	45.5	0	0
14	57	-18	26	11	22	7	14.5	0	50.5	0.03	1
15	54	-21	23	9	14	0	7	0	58	0	0
16	53	-21	25	9	19	1	10	0	55	0	0
17	56	-18	27	11	24	6	15	0	50	0	0
18	54	-25	28	11	19	3	11	0	54	0.01	0.2
19	57	-22	27	9	22	1	11.5	0	53.5	T	0.1
20	49	-27	27	10	26	2	14	0	51	T	T
21	59	-22	27	13	18	4	11	0	54	0	0
22	55	-27	30	16	15	3	9	0	56	0	0
23	57	-22	33	16	11	-6	2.5	0	62.5	0	0
24	63	-22	31	15	10	-7	1.5	0	63.5	0	0
25	62	-25	29	13	16	3	9.5	0	55.5	0	0
26	59	-23	27	10	33	6	19.5	0	45.5	0.04	0.7
27	60	-16	27	10	12	-6	3	0	62	0	0
28	56	-22	28	11	22	1	11.5	0	53.5	0	0
29	55	-17	28	11	30	18	24	0	41	0.23	2.9
30	50	-22	27	13	22	11	16.5	0	48.5	0	0
31	52	-16	28	11	34	12	23	0	42	0.03	0.3

Temperature

1971-2000 AVG. HI: 27.1(F)
 1971-2000 AVG. LOW: 11.0(F)
 1971-2000 AVG. TEMP: 19.1(F)
 January 2003 AVG. HI: 25.6(F)
 January 2003 AVG. LO: 9.7(F)
 January 2003 AVG. TEMP: 17.7(F)

Precipitation

January TOTAL: 0.51in
 January AVG: 1.43in.
 SNOW: 7.1in.
 AVG SNOW: 9.1in
 YEAR TO DATE: 0.74in.
 YEAR TO DATE AVG: 1.43 in

Degree Days

COOLING: 1/02: 0.0
 1/02-Now: 0.0
 HEATING: 1/02: 1466.5
 7/01-Now: 4088.0

Discussion

January 2003 continued the streak of below normal precipitation in DeKalb. For the last five months, DeKalb has attained a 7.12" deficit in precipitation going back to the beginning of September. January alone was nearly one inch below normal liquid water equivalent, however snowfall was just slightly below the 9.1 inch average for the month with 7.1 inches being measured. The greatest snowfall thus far this winter season occurred on the 28th when nearly 3 inches of snow blanketed the area. Snow cover and several intrusions of Arctic air kept January 2003 temperatures slightly below average. Below average temperatures were observed from the 13th through the 25th, and three below zero lows were recorded from the 23rd through the 27th.

With a severe drought currently in place for northern Illinois (NOAA Drought Information Center, as of 1/28/03), and uncertainty into the strength and persistence of the current strong El Niño, we will have to wait and see if the deficit in precipitation will continue as we go in to the new growing season.

Walter Pekovitch and Michael Sandstrom, Weather Directors/Cooperative Observers, NIU

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

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