

## MONTHLY CLIMATE SUMMARY, OCTOBER 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	93	28	71	46	55	33	44	0	21	0.00	0.0
2	90	25	70	45	51	26	38.5	0	26.5	0.00	0.0
3	89	26	69	45	53	27	40	0	25	0.00	0.0
4	92	27	68	44	59	36	47.5	0	17.5	0.11	0.0
5	88	26	67	44	60	36	48	0	17	0.00	0.0
6	92	20	66	43	63	41	52	0	13	0.00	0.0
7	86	26	65	42	66	41	53.5	0	11.5	0.00	0.0
8	86	22	64	42	82	50	66	1	0	0.00	0.0
9	86	23	64	42	81	52	66.5	1.5	0	0.00	0.0
10	87	21	64	41	72	54	63	0	2	0.00	0.0
11	86	20	63	41	79	54	66.5	1.5	0	0.00	0.0
12	84	22	64	41	78	43	60.5	0	4.5	0.08	0.0
13	87	21	64	42	69	45	57	0	8	0.00	0.0
14	85	21	64	41	73	44	58.5	0	6.5	0.56	0.0
15	88	21	63	41	60	39	49.5	0	15.5	0.57	0.0
16	85	25	62	41	62	37	49.5	0	15.5	0.00	0.0
17	87	22	62	40	54	33	43.5	0	21.5	0.00	0.0
18	86	18	61	39	57	32	44.5	0	20.5	0.00	0.0
19	86	18	60	39	71	42	56.5	0	8.5	0.00	0.0
20	86	18	60	39	70	48	59	0	6	0.00	0.0
21	87	22	61	39	83	50	66.5	1.5	0	0.00	0.0
22	84	20	60	40	65	38	51.5	0	13.5	0.00	0.0
23	83	22	60	39	57	37	47	0	18	0.00	0.0
24	80	18	60	39	58	38	48	0	17	0.00	0.0
25	77	22	59	39	58	39	48.5	0	16.5	0.40	0.0
26	82	15	59	38	55	30	42.5	0	22.5	0.00	0.0
27	82	19	59	37	41	31	36	0	29	0.00	0.0
28	78	19	59	38	45	35	40	0	25	0.03	0.0
29	80	15	58	38	51	38	44.5	0	20.5	0.01	0.0
30	83	13	57	38	45	38	41.5	0	23.5	0.02	0.0
31	85	16	56	37	70	42	56	0	9	T	0.0

\*New Record

### Temperature

1896-1995 AVG. HI: 62.9°F  
 1896-1995 AVG. LOW: 40.8°F  
 1896-1995 AVG. TEMP: 52.1°F  
 October 2003 AVG. HI: 62.7°F  
 October 2003 AVG. LO: 39.6°F  
 October 2003 AVG. TEMP: 51.2°F

### Precipitation

October TOTAL: 1.78 in.  
 October AVG: 2.78 in.  
 SNOW: 0.0 in.  
 AVG SNOW: 0.0"  
 Precipitation YEAR TO DATE: 21.73 in.  
 Precipitation YEAR TO DATE AVG: 31.57 in.

### Degree Days

COOLING: 10/03: 5.5  
 1/03-Now: 706  
 HEATING: 10/03: 434.5  
 7/03-Now: 580.5

### Discussion

Once again DeKalb experienced below average monthly precipitation in 2003. The October total was 1.00" below the long-term mean and for 2003 DeKalb is running nearly 10" below average. So far this autumn (September plus October) DeKalb's precipitation total is running 66% of the long-term average. The greatest 24-hour total was 0.57 inches which was recorded on the 15<sup>th</sup>. There were 23 days in the month with less than 0.01 inch of precipitation. No severe weather was reported locally during October.

The average temperature for October fell 0.9°F below the long-term average. This was the ninth month in 2003 that average monthly temperatures were near or below the long-term average. The month started out very cold with a low temperature of 26°F on the 2<sup>nd</sup>, however DeKalb experienced 10 days with high temperatures at or above 70°F. The end of the month did see a return to more fall-like weather with temperatures averaging in the 40's.

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

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