

**MONTHLY CLIMATE SUMMARY, OCTOBER, 2007**  
**NIU WEATHER SERVICE, DEKALB, IL**

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	93	28	71	45	84	54	69	4	0	19	0.17	0
2	90	25	70	45	73	57	65	0	0	15	0.01	0
3	89	26	69	45	78	52	65	0	0	15	0.09	0
4	92	27	69	44	75	51	63	0	2	13	0	0
5	89	26	67	44	82	53	67.5	2.5	0	17.5	0	0
6	92	20	66	45	86	66	76	11	0	26	0	0
7	87*	26	65	41	87	66	76.5	11.5	0	26.5	0	0
8	86	22	65	42	89	65	77	12	0	27	0	0
9	86*	23	65	43	86	48	67	2	0	17	0.04	0
10	87	21	63	40	75	43	59	0	6	9	0	0
11	86	20	63	41	54	43	48.5	0	16.5	0	0	0
12	84	22	66	42	55	38	46.5	0	18.5	0	0	0
13	87	21	65	41	57	38	47.5	0	17.5	0	0	0
14	85	21	65	40	58	47	52.5	0	12.5	2.5	0.02	0
15	88	21	64	42	63	52	57.5	0	7.5	7.5	0.14	0
16	85	25	65	43	73	53	63	0	2	13	1.01	0
17	87	22	65	42	65	47	56	0	9	6	0	0
18	86	18	63	41	71	48	59.5	0	5.5	9.5	0.61	0
19	86	18	59	39	76	53	64.5	0	0.5	14.5	0.01	0
20	86	18	61	38	59	44	51.5	0	13.5	1.5	0	0
21	87	22	60	38	73	43	58	0	7	8	0	0
22	84	20	61	39	79	55	67	2	0	17	0	0
23	83	22	60	39	54	39	46.5	0	18.5	0	0.15	0
24	80	18	61	40	58	38	48	0	17	0	0	0
25	77	22	59	40	54	38	46	0	19	0	0	0
26	82	15	59	37	56	41	48.5	0	16.5	0	0.01	0
27	82	19	60	39	63	49	56	0	9	6	0.22	0
28	78	19	60	40	56	31	43.5	0	21.5	0	0	0
29	80	15	61	38	57	31	44	0	21	0	0	0
30	83	13	60	38	62	35	48.5	0	16.5	0	0	0
31	85	16	58	39	67	39	53	0	12	3	0	0

**Temperature**

1971-2000 AVG. HI: 63.1(F)  
 1971-2000 AVG. LOW: 40.8(F)  
 1971-2000 AVG. TEMP: 52.0(F)  
 October 2007 AVG. HI: 68.5(F)  
 October 2007 AVG. LO: 47.0(F)  
 October 2007 AVG. TEMP: 57.8(F)

**Precipitation**

October TOTAL: 2.48 in.  
 October AVG: 2.60 in.  
 SNOW: 0.0 in.  
 YEAR TO DATE: 39.90 in.  
 YEAR TO DATE AVG: 32.40 in.

**Degree Days**

COOLING: 10/07: 45  
 1/07-Now: 934.5  
 HEATING: 10/07: 269  
 7/07-Now: 349.5  
 GROWING: 10/07: 22  
 1/07-Now: 3100

**Discussion**

October 2007 was a "hot," record-breaking month. A temperature of 87°F on the 7<sup>th</sup> of October broke the previous record of 86°. Two days later, on the 9<sup>th</sup> of October, the record of 86°F was tied. The average high for October 2007 was 68.5°F. This average temperature was 5.4°F warmer than the 1971-2000 average for this month, which ranked as the 4<sup>th</sup> warmest average high for October on record. The average low of 47.0°F was 6.2°F warmer than the average 1971-2000 temperature, ranking as the 2<sup>nd</sup> warmest average low for October. The average temperature for October, 57.8°F, was 5.8°F warmer than the 1971-2000 average and the 3<sup>rd</sup> warmest average temperature for October.

The total precipitation of 2.48 inches for October 2007 was very close to the 1971-2000 average, falling short by only 0.12 inches. So far, this year ranks as the 5<sup>th</sup> wettest on record for the January-October rainfall period.

**October 2007 Daily Highs and Lows with 1971 - 2000 Average Highs and Lows**

