

**MONTHLY CLIMATE SUMMARY, OCTOBER, 2006**  
**NIU WEATHER SERVICE, DEKALB, IL**

Day	Record		Average		Obs.		Obs.	Obs.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO							
1	93	28	71	45	69	44	56.5	0	8.5	6.5	0.02	0.0	
2	90	25	70	45	79	44	61.5	0	3.5	11.5	0.09	0.0	
3	89	26	69	45	82	58	70	5	0	20	1.13	0.0	
4	92	27	69	44	84	58	71	6	0	21	T	0.0	
5	89	26	67	44	71	45	58	0	7	8	0.00	0.0	
6	92	20	66	45	61	41	51	0	14	1	0.00	0.0	
7	86	26	65	41	62	41	51.5	0	13.5	1.5	0.00	0.0	
8	86	22	65	42	69	42	55.5	0	9.5	5.5	0.00	0.0	
9	86	23	65	43	74	44	59	0	6	9	0.00	0.0	
10	87	21	63	40	69	45	57	0	8	7	0.00	0.0	
11	86	20	63	41	58	45	51.5	0	13.5	1.5	0.46	0.0	
12	84	22	66	42	50	27	38.5	0	26.5	0	0.04	0.0	
13	87	21	65	41	38	28	33	0	32	0	0.02	0.5	
14	85	21	65	40	50	29	39.5	0	25.5	0	0.00	0.0	
15	88	21	64	42	49	28	38.5	0	26.5	0	0.00	0.0	
16	85	25	65	43	52	29	40.5	0	24.5	0	0.01	0.0	
17	87	22	65	42	55	47	51	0	14	1	0.73	0.0	
18	86	18	63	41	57	48	52.5	0	12.5	2.5	0.01	0.0	
19	86	18	59	39	55	38	46.5	0	18.5	0	0.10	0.0	
20	86	18	61	38	42	29	35.5	0	29.5	0	0.00	0.0	
21	87	22	60	38	54	29	41.5	0	23.5	0	0.02	0.0	
22	84	20	61	39	58	34	46	0	19	0	0.62	0.0	
23	83	22	60	39	39	33	36	0	29	0	T	0.0	
24	80	18	61	40	39	26	32.5	0	32.5	0	0.00	0.0	
25	77	22	59	40	46	27	36.5	0	28.5	0	0.00	0.0	
26	82	15	59	37	50	29	39.5	0	25.5	0	0.00	0.0	
27	82	19	60	39	43	41	42	0	23	0	0.64	0.0	
28	78	19	60	40	43	34	38.5	0	26.5	0	0.00	0.0	
29	80	15	61	38	51	32	41.5	0	23.5	0	0.00	0.0	
30	83	13	60	38	55	32	43.5	0	21.5	0	0.00	0.0	
31	85	16	58	39	68	32	50	0	15	0	0.00	0.0	

**Temperature**

1971-2000 AVG. HI: 63.4(F)  
 1971-2000 AVG. LOW: 41.0(F)  
 1971-2000 AVG. TEMP: 52.2(F)  
 October 2006 AVG. HI: 57.2(F)  
 October 2006 AVG. LO: 37.4(F)  
 October 2006 AVG. TEMP: 47.3(F)

**Precipitation**

October TOTAL: 3.89 in  
 October AVG: 2.60 in.  
 SNOW: 0.5 in.  
 YEAR TO DATE: 30.15 in  
 YEAR TO DATE AVG: 32.40 in

**Degree Days**

COOLING: 10/06: 11  
 1/06-Now: 784.0  
 HEATING: 10/06: 560.5  
 7/06-Now: 702.5  
 GROWING: 10/06: 96  
 1/06-Now: 2915

**Discussion**

October 2006 was a month characterized by relatively cold temperatures and above average precipitation. Comparing October 2006 to the past 30 years of data, this October had the 5<sup>th</sup> coldest average low temperature, and the 3<sup>rd</sup> coldest average high temperature. With a monthly average temperature of 47.3°F, this October was the 4<sup>th</sup> coldest month during this 40-yr period. There were five separate days throughout the month where over 0.5" of rain fell, including one day when 1.13" of rain fell. These rainy days combined to make October 2006 the 7<sup>th</sup> wettest since 1966 with a total of 3.89" of precipitation recorded for the month. This was an excess of 1.29" or 150% the average precipitation expected for the month. The other headline for October was the earliest measurable snowfall on record for DeKalb. This occurred October 13<sup>th</sup> when 0.5" of snow fell at campus. Because of warm ground temperatures, the snow did not stick around more than an hour.

We are pleased to announce the creation of the NIU-NWS Cooperative Weather Station web site. The site can be found at <http://climate.niu.edu/>. The site includes reams of local historical weather data as well as real-time conditions at locations on campus and throughout the region. The new site features four weather stations that provide up-to-the-second information on temperature, humidity, wind chill, wind gusts and precipitation, along with sunset, sunrise, moonset and moonrise data. The stations are located at Stadium Drive and Annie Glidden Road (the official Coop site), near First and Taylor streets, at the DeKalb Airport, and at Peace Road and Route 23 in Sycamore. The new site also includes a web cam that continually provides a snapshot of weather conditions on the quad east of Davis Hall. The site was created to speed up the dissemination of climate and weather information to you, our loyal user. Please provide comments and suggestions in regards to the web site to Dr. Walker Ashley at [washley@niu.edu](mailto:washley@niu.edu).

Amanda Kromphart/ Mike Lawson/ David Keith/ Adam Ball Weather Director/Cooperative Observers, NIU  
 NIU Weather Phone (updated once daily at approx. 7:30 am): (815) 753-1623

The Climate Summary is supported by the Department of Geography, the College of Liberal Arts and Sciences, and the Department of Operations.

**October**  
**2006 Daily Highs and Lows with 1971-2000 Average Highs and Lows**

