

MONTHLY CLIMATE SUMMARY, OCTOBER, 2008
NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average		Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
				LO	Obs. Avg.								
1	93	28	71	45	49.5	58	41	49.5	0	15.5	0	0	0
2	90	25	70	45	49	59	39	49	0	16	0	0	0
3	89	26	69	45	49.5	61	38	49.5	0	15.5	0	0	0
4	92	27	69	44	50	61	39	50	0	15	0	0	0
5	89	26	67	44	49	61	37	49	0	16	0	0	0
6	92	20	66	45	53.5	61	46	53.5	0	11.5	3.5	0.04	0
7	87	26	65	41	62	69	55	62	0	3	12	0	0
8	86	22	65	42	57	61	53	57	0	8	7	0.63	0
9	86	23	65	43	56	65	47	56	0	9	6	0.03	0
10	87	21	63	40	54.5	65	44	54.5	0	10.5	4.5	0	0
11	86	20	63	41	61.5	77	46	61.5	0	3.5	11.5	0	0
12	84	22	66	42	69	78	60	69	4	0	19	0	0
13	87	21	65	41	71.5	83	60	71.5	6.5	0	21.5	0	0
14	85	21	65	40	62.5	74	51	62.5	0	2.5	12.5	0.01	0
15	88	21	64	42	60	69	51	60	0	5	10	0	0
16	85	25	65	43	48	58	38	48	0	17	0	0.25	0
17	87	22	65	42	46.5	56	37	46.5	0	18.5	0	0	0
18	86	18	63	41	45	53	37	45	0	20	0	0.01	0
19	86	18	59	39	48	59	37	48	0	17	0	0	0
20	86	18	61	38	51.5	63	40	51.5	0	13.5	1.5	0	0
21	87	22	60	38	47	61	33	47	0	18	0	0.21	0
22	84	20	61	39	43	54	32	43	0	22	0	0	0
23	83	22	60	39	44.5	52	37	44.5	0	20.5	0	0	0
24	80	18	61	40	46	55	37	46	0	19	0	0.57	0
25	77	22	59	40	47	53	41	47	0	18	0	0.88	0
26	82	15	59	37	48.5	55	42	48.5	0	16.5	0	0.05	0
27	82	19	60	39	43	52	34	43	0	22	0	0.03	0
28	78	19	60	40	33.5	42	25	33.5	0	31.5	0	0.03	0
29	80	15	61	38	34.5	44	25	34.5	0	30.5	0	0	0
30	83	13	60	38	40	51	29	40	0	25	0	0	0
31	85	16	58	39	48	64	32	48	0	17	0	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 2008 AVG. HI: 60.45(F)
 October 2008 AVG. LO: 40.74(F)
 October 2008 AVG. TEMP: 50.6(F)

Precipitation

October TOTAL: 2.74 in.
 October AVG: 2.60 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 39.53 in.
 YEAR TO DATE AVG: 32.40 in.

Degree Days

COOLING: 10/08: 10.5
 1/08-Now: 1060
 HEATING: 10/08: 457
 7/08-Now: 548.5
 GROWING: 10/08: 0
 1/08-Now: 4161

Discussion

Overall, October 2008 was cooler than normal; the average monthly temperature was 1.4°F cooler than the 1971-2000 average. The average high for the month was 2.65°F cooler than the 1971-2000 average, while the average low was actually the climate normal. The month's warmest temperature (83°F) occurred on the 13th and it was very close to the record temperature for that day, which is 87°F.

The precipitation for October 2008 was close to average. The cooperative station received 2.74" of rain, only 0.14" over the climate normal. The majority of the rainfall occurred in a two day span – October 24th and 25th – when the cooperative station received 1.45".

October 2008 Daily Highs and Lows with 1971 - 2000 Average Highs and Lows

