

MONTHLY CLIMATE SUMMARY, DECEMBER, 2006

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	63	4	38	25	27	21	24	0	41	0	1.68	8.0
2	64	-5	39	25	25	6	15.5	0	49.5	0	0.11	5.0
3	66	-14	38	24	24	1	12.5	0	52.5	0	0.00	0.0
4	60	-4	38	22	14	-2	6	0	59	0	0.00	0.0
5	61	-4	38	24	24	-1	11.5	0	53.5	0	0.00	0.0
6	60	-7	37	21	33	0	16.5	0	48.5	0	0.00	0.0
7	66	-9	34	22	32	4	18	0	47	0	0.01	0.3
8	63	-8	34	22	13	-2	5.5	0	59.5	0	0.00	0.0
9	59	-18	35	20	18	-2	8	0	57	0	0.00	0.0
10	56	-18	33	17	33	15	24	0	41	0	0.00	0.0
11	60	-15	33	19	37	26	31.5	0	33.5	0	0.00	0.0
12	55	-10	33	16	41	35	38	0	27	0	0.05	0.0
13	60	-19	35	19	44	30	37	0	28	0	T	0.0
14	58	-12	34	19	40	30	35	0	30	0	T	0.0
15	59	-14	36	23	50	36	43	0	22	0	T	0.0
16	58	-17	35	20	41	30	35.5	0	29.5	0	0.00	0.0
17	57	-13	32	17	52	33	42.5	0	22.5	0	0.04	0.0
18	56	-12	31	16	44	28	36	0	29	0	0.00	0.0
19	53	-14	30	17	36	21	28.5	0	36.5	0	0.00	0.0
20	57	-19	32	18	41	21	31	0	34	0	0.00	0.0
21	57	-18	31	16	38	25	31.5	0	33.5	0	0.73	0.0
22	55	-11	31	14	49	38	43.5	0	21.5	0	0.41	0.0
23	58	-17	31	18	50	35	42.5	0	22.5	0	0.03	0.0
24	55	-22	32	19	39	27	33	0	32	0	0.00	0.0
25	60	-13	31	14	39	26	32.5	0	32.5	0	0.00	0.0
26	56	-22	27	12	35	29	32	0	33	0	0.00	0.0
27	55	-20	27	14	33	28	30.5	0	34.5	0	0.00	0.0
28	64	-24	30	15	35	28	31.5	0	33.5	0	0.00	0.0
29	63	-12	33	16	45	33	39	0	26	0	0.00	0.0
30	59	-13	31	15	48	39	43.5	0	21.5	0	0.00	0.0
31	51	-14	29	16	50	43	46.5	0	18.5	0	0.01	0.0

Temperature

1971-2000 AVG. HI: 33.0(F)
 1971-2000 AVG. LOW: 18.3(F)
 1971-2000 AVG. TEMP: 25.9(F)
 December 2006 AVG. HI: 36.5(F)
 December 2006 AVG. LO: 22.0(F)
 December 2006 AVG. TEMP: 25.9(F)

Precipitation

December TOTAL: 3.07 in
 December AVG: 2.18 in.
 SNOW: 13.3 in.
 YEAR TO DATE: 36.2 in
 YEAR TO DATE AVG: 37.40 in

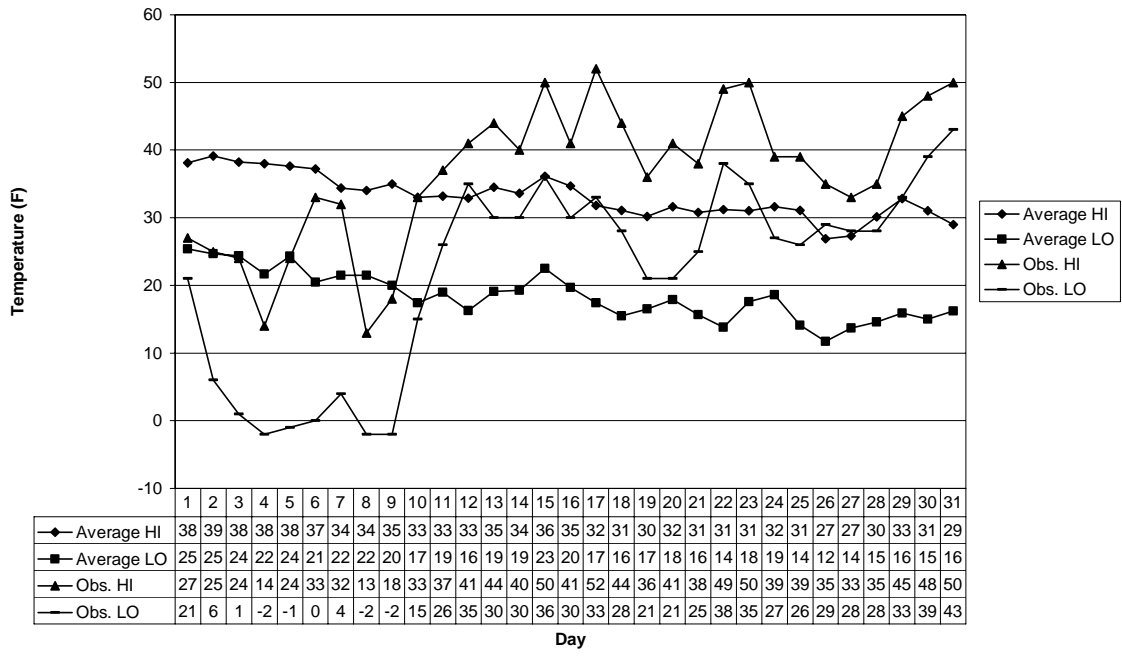
Degree Days

COOLING: 12/06: 0
 1/06-Now: 784.0
 HEATING: 12/06: 1109.5
 7/06-Now: 2530.5
 GROWING: 12/06: 0
 1/06-Now: 2936.5

Discussion

December 2006 can be characterized as a month of extremes. The first minutes of December ushered in the first winter storm of the season, bringing 13 inches of snow, and cooler temperatures to the area. November ended with warmer than average temperatures close to record highs. The beginning of December was quite the opposite with temperatures coming within 2 degrees of the record low on the 4th, and to within 3 degrees on the 5th. Temperatures rebounded to average for a day on the 10th, and stayed above average for the remainder of the month. After the 10th, temperatures were at least ten degrees higher than average 9 times, and twenty degrees above average 3 times, coming within 1 degree of the record high for the 31st. Even with the warming trend the latter two-thirds of the month, December 2006 was only the 10th warmest December on record due to the unseasonably cool temperatures at the beginning of the month. Moisture wise, we were almost an inch above average, due mainly to two precipitation events during the month.

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



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

