

**Ashley Brooks**  
(765) 494-6574

## Indiana State Climate Office

### Monthly Weather Report

Mar 21, 2006



<http://www.iclimat.org>

## February 2006 Climate Summary

### February 1-5

Warm and rainy weather welcomed in February across the Hoosier State. Fifties and 60s, in response to a warm front on the 1<sup>st</sup>, gave way to 40s and 50s on the 2<sup>nd</sup> and 3<sup>rd</sup> as a cold front pushed through. Temperatures continued to drop on the 4<sup>th</sup> and 5<sup>th</sup>, with the passage of another cold front resulting in highs into the upper 30s on the 4<sup>th</sup> and then on the 5<sup>th</sup>, highs ranging from the upper 20s and low 30s. A few locations received 1 to 3 inches of snow on the 4<sup>th</sup>. On the 5<sup>th</sup> the Indianapolis area received the first day below freezing since December 20, 2005. There was less rainfall associated with the 2<sup>nd</sup> cold front, and on the backside of the low on the 5<sup>th</sup>, some precipitation fell in the form of snow. The state-averaged precipitation total for this time period was 0.87 inches, which is above the normal of 0.39. The central and southern locations received larger precipitation totals, 0.61-1.26 inches, than the northern locations, which received 0.20-0.76 inches. In southern Indiana, some lowland flooding occurred near the East Fork White and White Rivers. Overall, averaged high and low temperatures were seven degrees above normal.

### February 6-9

Due to weak disturbances on the 7<sup>th</sup> and 8<sup>th</sup>, light amounts of precipitation could be found. On the 7<sup>th</sup>, 0.03 inches of rainfall fell in the southwest counties; however, on the 8<sup>th</sup> most of the state saw precipitation values ranging from 0.01 to 0.04 inches. High temperatures were in the 30s and 40s throughout the period, while low temperatures ranged from around 10 degrees to the mid 20s. The coolest morning was on the 9<sup>th</sup> when low temperatures across the state were below 20 degrees.

### February 10-14

From the 10<sup>th</sup> until the 13<sup>th</sup>, there were very few high temperature variations, with most values across the state in the 30s as only a weak front passed through the area. Low temperatures transitioned from the 20s to the teens. There were 1 to 3 inches of snow that fell across portions of the state in response to isolated heavy snow squalls on the 12<sup>th</sup>. On the 14<sup>th</sup>, however, temperatures jumped into the 50s, the lows recovered into the 20s and 30s, and dry conditions were prevalent. On average, only 0.06 inches of precipitation

fell across the state during this five-day period, leaving the time frame 0.38 inches below normal.

### **February 15-17**

A stationary front which had draped across the state on the 15<sup>th</sup> transitioned into a powerful cold front on the 16<sup>th</sup>. Associated with the front on the 16<sup>th</sup> were the only severe weather reports of the month. There were seven severe hail reports and multiple wind damage reports. The largest hail, 1 inch, was reported in Porter County at 700 North and County Line Road, three miles east of Hobart. The system exited the state by the evening of the 16<sup>th</sup>; however, as with earlier in the month, some snow fell on the backside of the system. In addition to the high precipitation amounts, temperatures dropped as much as 35 to 40 degrees in 12 hours across the state. The only lowland flooding to occur, however, was in the Lafayette area. State-averaged precipitation totals were 0.52 inches above normal, with the highest precipitation values of 0.81-0.91 being found across the north.

### **February 18-21**

Cold air continued to filter into the state keeping high temperatures in the 20s on the 18<sup>th</sup> and 19<sup>th</sup>, while at night, temperatures dropped down into the single digits. Some areas dropped below zero on the morning of the 19<sup>th</sup>, making the 19<sup>th</sup> the coldest day in February. However, the cold weather was short-lived and highs shot up to the 30s on the 20<sup>th</sup> and 40s on the 21<sup>st</sup>. A few snow showers flew through the air in the southern portion of the state on the 18<sup>th</sup> and moved to the north and northeast on the 19<sup>th</sup>. These flakes quickly moved out of the state and as the temperatures began to warm up, the weather began to dry out. A weak cold front brought a few showers to southern portions of the state accounting for the last measurable precipitation of the month. Overall, 0.01-0.04 inches of precipitation fell across the north and 0.01-0.03 inches across the south.

### **February 22-28**

The final days of February saw about normal temperatures and below normal precipitation. High temperatures were mainly in the 40s and 50s except for slightly cooler conditions on the 26<sup>th</sup> and slightly warmer conditions on the 28<sup>th</sup>. Low temperatures fluctuated quite a bit more, ranging from the teens to the middle 40s. No measurable precipitation fell during the last of the month. Normal precipitation totals measured 0.63 inches for the state. Multiple systems began to move across the region; however, no precipitation fell across the area. Cold fronts moved across the state on the 23<sup>rd</sup> and 25<sup>th</sup>. A low-pressure center and associated warm front moved northeastward on the 27<sup>th</sup> and a stationary front set up south of the state by the 28<sup>th</sup>.

### Temperature

Region	Average	Normal	Deviation
Northwest	29.4	27.7	1.7
North central	29.2	27.3	1.9
Northeast	28.9	26.8	2.1
West central	30.9	30.0	1.0
Central	30.9	29.7	1.2
East central	30.2	28.7	1.5
Southwest	33.8	34.7	-1.0
South central	33.3	34.5	-1.2
Southeast	32.8	33.4	-0.6
State	31.1	30.4	0.7

### Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	1.09	1.68	-0.59	65
North central	1.44	1.79	-0.35	80
Northeast	1.77	1.78	-0.01	99
West central	1.45	2.16	-0.71	67
Central	1.98	2.27	-0.29	87
East central	1.96	2.15	-0.19	91
Southwest	2.01	2.88	-0.86	70
South central	1.99	2.92	-0.94	68
Southeast	1.90	2.80	-0.90	68
State	1.74	2.28	-0.54	76

### Local extremes with over 50% of the data available

	Site	Ob	Dev	% Available Data
Low Precipitation	Elwood	3.29	1.19	100
High Precipitation	Flora	0.58	-1.46	93

**Winter Season- to- date  
(December-February)**

**Temperature**

<b>Region</b>	<b>Average</b>	<b>Normal</b>	<b>Deviation</b>
Northwest	29.9	26.4	3.5
North central	29.8	26.4	3.5
Northeast	29.7	26.2	3.5
West central	31.8	28.5	3.3
Central	31.9	28.5	3.4
East central	31.3	27.8	3.5
Southwest	35.5	33.0	2.5
South central	35.0	32.9	2.1
Southeast	34.3	32.1	2.2
State	32.2	29.1	3.1

**Precipitation**

<b>Region</b>	<b>Total</b>	<b>Normal</b>	<b>Deviation</b>	<b>Percent of Normal</b>
Northwest	5.33	6.21	-0.88	86
North central	6.50	6.63	-0.13	98
Northeast	7.44	6.45	0.99	115
West central	6.39	7.41	-1.01	86
Central	8.06	7.60	0.46	106
East central	7.17	7.31	-0.14	98
Southwest	8.12	9.41	-1.29	86
South central	8.59	9.58	-1.00	90
Southeast	7.99	9.22	-1.23	87
State	7.32	7.77	-0.45	94

## Annual- to- Date

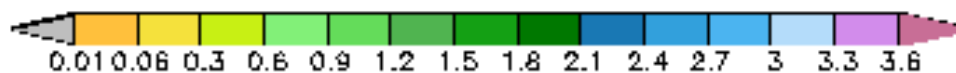
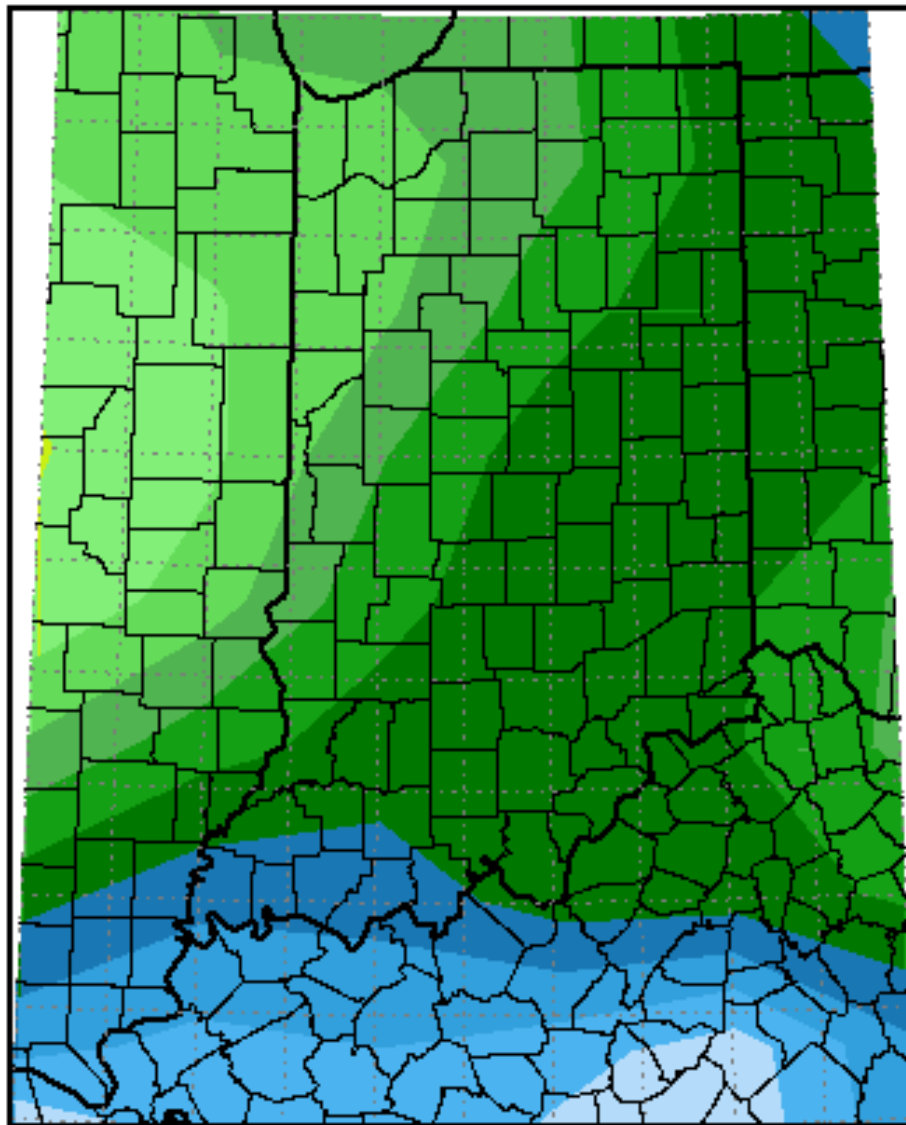
### Temperature

Region	Average	Normal	Deviation
Northwest	33.3	25.3	8.0
North central	33.0	25.1	7.9
Northeast	32.6	24.9	7.8
West central	34.9	27.4	7.5
Central	34.9	27.4	7.5
East central	34.4	26.6	7.8
Southwest	37.7	32.2	5.5
South central	37.2	32.1	5.2
Southeast	36.7	31.2	5.5
State	35.0	28.1	7.0

### Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	3.81	3.56	0.26	107
North central	4.47	3.84	0.63	116
Northeast	4.99	3.77	1.22	132
West central	4.40	4.44	-0.04	99
Central	5.40	4.61	0.79	117
East central	4.75	4.44	0.32	107
Southwest	5.98	5.88	0.11	102
South central	6.00	6.02	-0.02	100
Southeast	5.59	5.81	-0.22	96
State	5.08	4.71	0.36	108

**Total Precipitation in Inches  
February 1, 2006 to February 28, 2006**

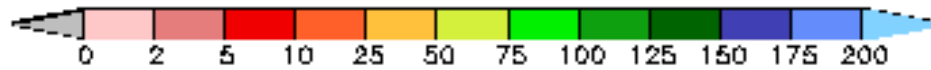
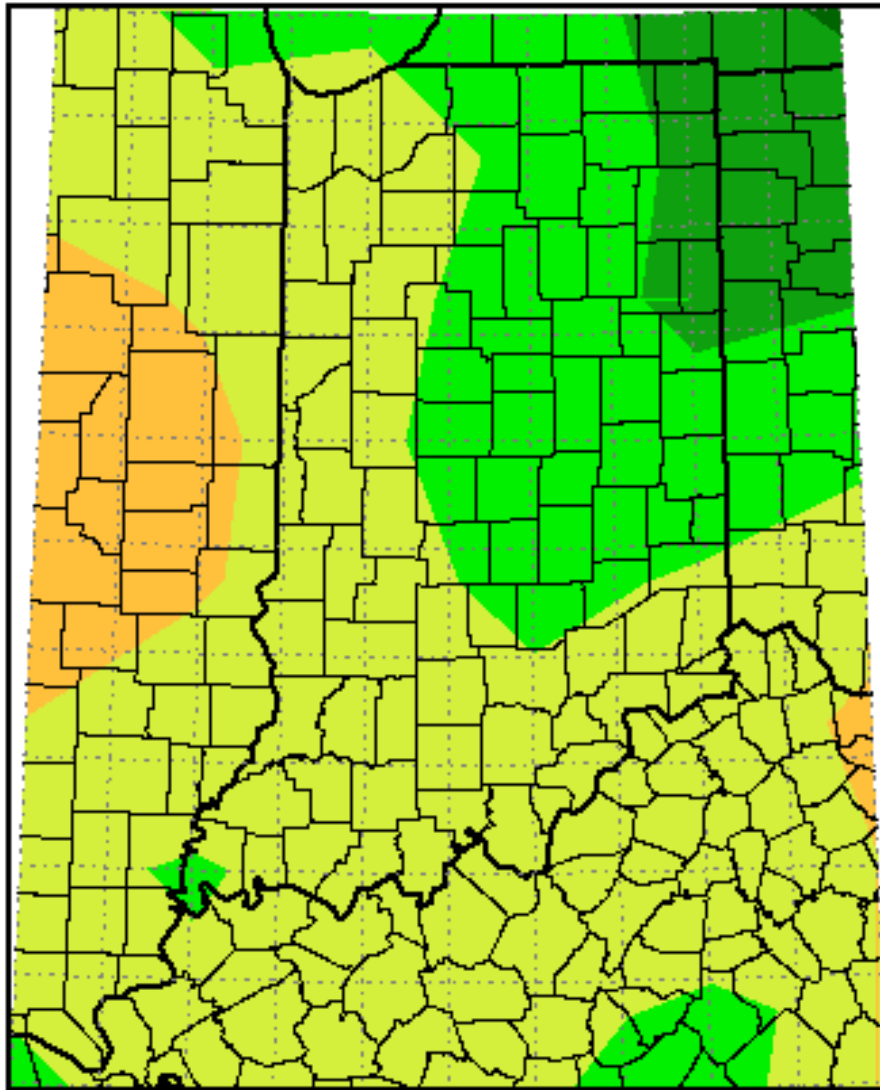


**Midwestern Regional Climate Center**

**Illinois State Water Survey**

**Champaign, Illinois**

**Total Precipitation Percent of Mean  
February 1, 2006 to February 28, 2006**

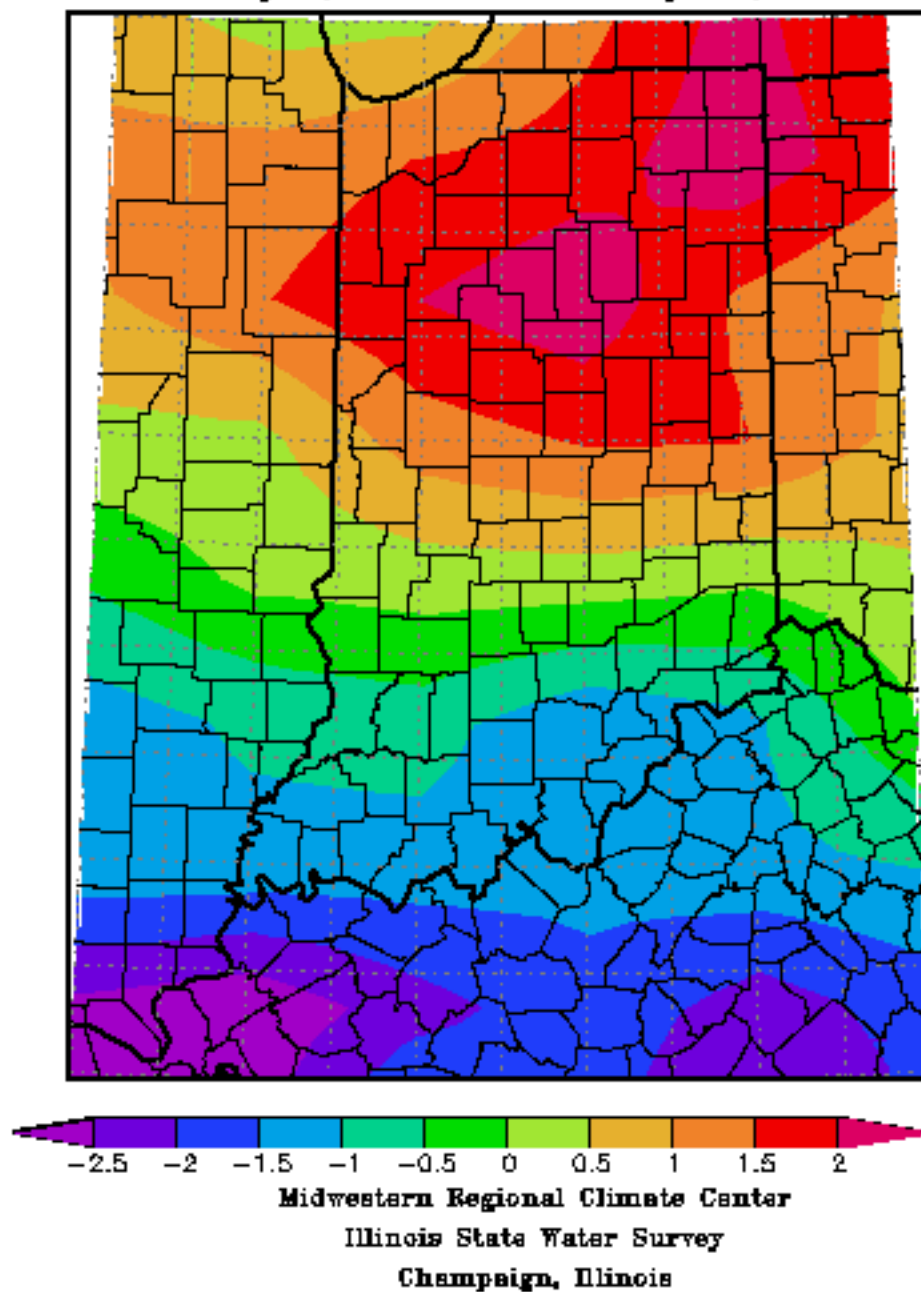


**Midwestern Regional Climate Center**

**Illinois State Water Survey**

**Champaign, Illinois**

**Average Temperature Departure from Mean in Degrees F  
February 1, 2006 to February 28, 2006**



*Contributions by Al Shipe NWS Indianapolis*