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Indiana State Climate Office

Monthly Weather Report

May 5, 2006



<http://www.iclimete.org>

April 2006 Climate Summary

April 1-3

Light rain exited the state by early morning as the cold front moved eastward. The dry weather did not last long as another low pressure system barreled through the state on the 2nd and 3rd. A warm front moved north across the state on the 2nd, with a cold front following close behind on the 3rd. A derecho and some other associated storms brought tornadoes, high winds, and hail across a large portion of the state. Tornadoes touched down in Parke and Marion Counties. The tornado in Marion County touched down seven miles southwest of Indianapolis at Camby Road and Kentucky Avenue. These tornadoes were rated F1 on the Fujita Scale. Also, multiple reports of wind damage were filed that were not associated with a tornado. These reports were littered across the state including downtown Indianapolis itself, where there was significant damage to the Regions Bank Building. Some of the reports included minor roof damage to the National Weather Service building just southwest of Indianapolis, an 81 mph wind report in Jasper, and multiple reports of trees, power lines, and parts of buildings blown down. Hail upwards of one inch also fell in some locations. Some residual wraparound precipitation fell on the 3rd before the system finally made its exit. Temperatures were around average; however, rainfall values were slightly above average. High temperatures warmed from the 50s and 60s to mainly 60s and 70s on the 2nd before a cold front came through and lowered temperatures back down into the 50s and 60s for the 3rd. Low temperatures swagged between the 30s and 40s. The average state precipitation total was 0.54 inches, which was 0.12 inches above average.

April 4-7

After a dry day on the 4th, rain returned to the state on the 5th, however, this time not accompanied with severe weather. Over an inch of rain fell in southern portions of the state from the 4th-6th with lighter amounts in the north. The White River gave way to lowland flooding on the 6th after extensive rainfall in the region. High temperatures hovered in the 50s and 60s with lows in the 30s and 40s before warmer and severe weather moved in on the 7th. Ahead of a cold front, temperatures soared up into the 70s and 80s; however, with the passage of a squall line, hail began to fall across a large swath of the central and southern portions of the state. In addition to hail that reached upwards of 2.50 inches, a tornado was also reported in Sellersburg near I-65. Other tornadoes were reported in Adams and Pike Counties. Several structures, including a mobile home, were reported damaged or destroyed.

April 8-12

The 8th-12th marked a relatively quiet period with no severe weather and only light rainfall recorded on the 11th and 12th across portions of the state. Temperatures steadily increased from the upper 40s to the 50s for a high into the 80s by the end of the period. Low temperatures varied from the upper 20s to the upper 60s. Precipitation totals were 0.62 inches below normal.

April 13-20

The quiet weather could not last forever as severe weather occurred on the next five out of eight days. Severe reports were recorded on the 13th, 14th, 16th, 18th, and 20th. The 20th marked the last severe reports for the month. There were 1.29 to 2.41 inches of rainfall on average across the state with locally heavier amounts. This was 1.07 inches above normal. Average temperatures were also above normal with the mean temperature set at 62.3 and the normal at 53.3 degrees Fahrenheit. High temperatures were in the 60s-80s with lots of moisture in places fueling thunderstorms. Lows only dropped down into the 40s-60s across the state during the nighttime hours. The first storms produced severe weather on the 13th along a stationary front that was draped from the northwest to southeastern corners of the state. Hail less than an inch in diameter was recorded in Morgan, Daviess, and Owen Counties. Structural and tree damage was reported with winds in Vermillion, Clay, and Monroe Counties. More severe weather occurred on the following day in advance of a cold front. This severe weather was mainly in the form of supercells that produced tornadoes, large hail, and damaging winds. Tornadoes swept through Benton, Tippecanoe, and Montgomery Counties during the evening hours. The largest hail, 4.25 inches, fell at Rochester in Fulton County. Multiple reports of hail two inches in diameter were recorded with these storms. Damaging wind also left its mark on Wells, Warren, Decatur, Hendricks, White, Marion, Johnson, and Dearborn Counties. Additional flooding occurred on the 14th with the White, Wabash, and the East Fork White Rivers. A day of reprieve came on the 15th as only light rain fell across a large portion of the state. The next system began to crank up for Easter on the 16th as early on a stationary front could be found over the state with low pressure and a cold front waiting just to the west of the state. Due to this setup, severe weather occurred mainly in the western half of the state with Illinois receiving a bulk of the hazardous conditions. The only tornado that crossed over into Indiana was four miles west of Rockville in Parke County. There were reports of hail, however, in Greene, Vermillion, Vigo, Parke, Newton, Tippecanoe, Clinton, and St. Joseph Counties. The largest hail, 1.75 inches, fell five miles west of Clinton and six miles east northeast of Rosedale. Jackson County had the biggest flood threat as extensive flooding occurred in the region after heavy rainfalls throughout the day. There was one more day of reprieve on the 17th as the system moved off to the southeast with only light precipitation occupying a few locations in the state. The approach with the next system brought it further south leaving the rest of the state spared from the severe weather. Hail fell in Knox, Greene, Spencer, Dubois, Orange, Clark, Crawford, Clark, and Harrison Counties. All of the hail that fell was less than or equal to one inch in diameter. There were several fallen trees including one that fell on a

car in Vincennes due to damaging winds. A nicer day on the 19th gave way to stormy weather, mainly in the southern portions of the state on the 20th. The only severe report was of hail one mile southeast of Tell City in Perry County. Hail of 0.75 inches fell near 133 Old Highway Road. This ended the severe weather for the month.

April 21-25

The next period was marked by light rainfall over portions of the state. Every day from the 21st to the 25th a series of weak cold fronts moved across the region. Temperatures were around normal with a below normal rainfall of 0.29 inches on average across the state, the normal value being around 0.56 inches. High temperatures fluctuated between the 50s and 70s and lows mainly in the 40s to 60s with slightly cooler values in the northeastern part of the state on the 24th.

April 26-30

High pressure took effect from the 26th until the afternoon of the 27th. Then a cold front moved southward across the state; however, there was little moisture associated with this system and therefore no precipitation fell on the 27th. By the 28th another system began to move in with a lot of moisture that would be around the state for the remainder of the month. Only light precipitation fell on the 28th; however, over the next two days over a half inch of precipitation would fall over much of the state. High temperatures were in the 60s and 70s across the state, varying with the passage of cold fronts. The coolest morning occurred on the 26th under little cloud cover where temperatures dropped into the 20s across the northern parts of the state and down into the low 40s across the southern regions. By the 30th however, low temperatures only got down into the 50s.

Temperature

Region	Average	Normal	Deviation
Northwest	53.7	49.6	4.1
North central	53.1	49.1	4.1
Northeast	52.8	48.6	4.2
West central	55.5	51.6	3.9
Central	55.2	51.0	4.2
East central	54.6	50.1	4.5
Southwest	59.3	55.0	4.3
South central	58.0	54.4	3.7
Southeast	57.0	53.3	3.7
State	55.6	51.5	4.1

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	4.32	3.71	0.60	116
North central	3.71	3.71	0.01	100
Northeast	3.24	3.59	-0.35	90
West central	4.99	4.00	0.99	125
Central	5.18	4.06	1.12	127
East central	4.79	3.95	0.85	121
Southwest	5.25	4.61	0.64	114
South central	5.83	4.59	1.24	127
Southeast	5.49	4.39	1.10	125
State	4.79	4.08	0.71	117

Local extremes with over 50% of the data available

	Site	Ob	Dev	% Available Data
Low Precipitation	Angola	1.42	-1.99	90
High Precipitation	Vincennes	7.29	2.86	100

Spring Season-to-date (March-April)

Temperature

Region	Average	Normal	Deviation
Northwest	46.3	44.1	2.2
North central	45.7	43.5	2.2
Northeast	45.4	43.0	2.4
West central	48.0	46.1	1.9
Central	47.6	45.5	2.1
East central	47.0	44.6	2.4
Southwest	52.2	49.9	2.3
South central	50.6	49.3	1.3
Southeast	49.2	48.2	1.0
State	48.1	46.1	2.0

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	7.74	6.63	1.11	117
North central	6.91	6.49	0.42	106
Northeast	6.01	6.30	-0.29	95
West central	9.81	7.36	2.45	133
Central	10.07	7.35	2.73	137
East central	8.43	7.02	1.41	120
Southwest	13.39	8.84	4.55	151
South central	13.47	8.76	4.71	154
Southeast	11.39	8.34	3.06	137
State	9.85	7.48	2.36	132

Annual-to-Date

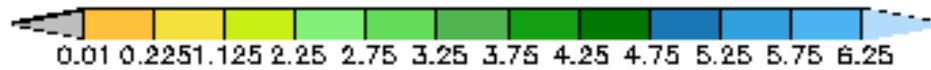
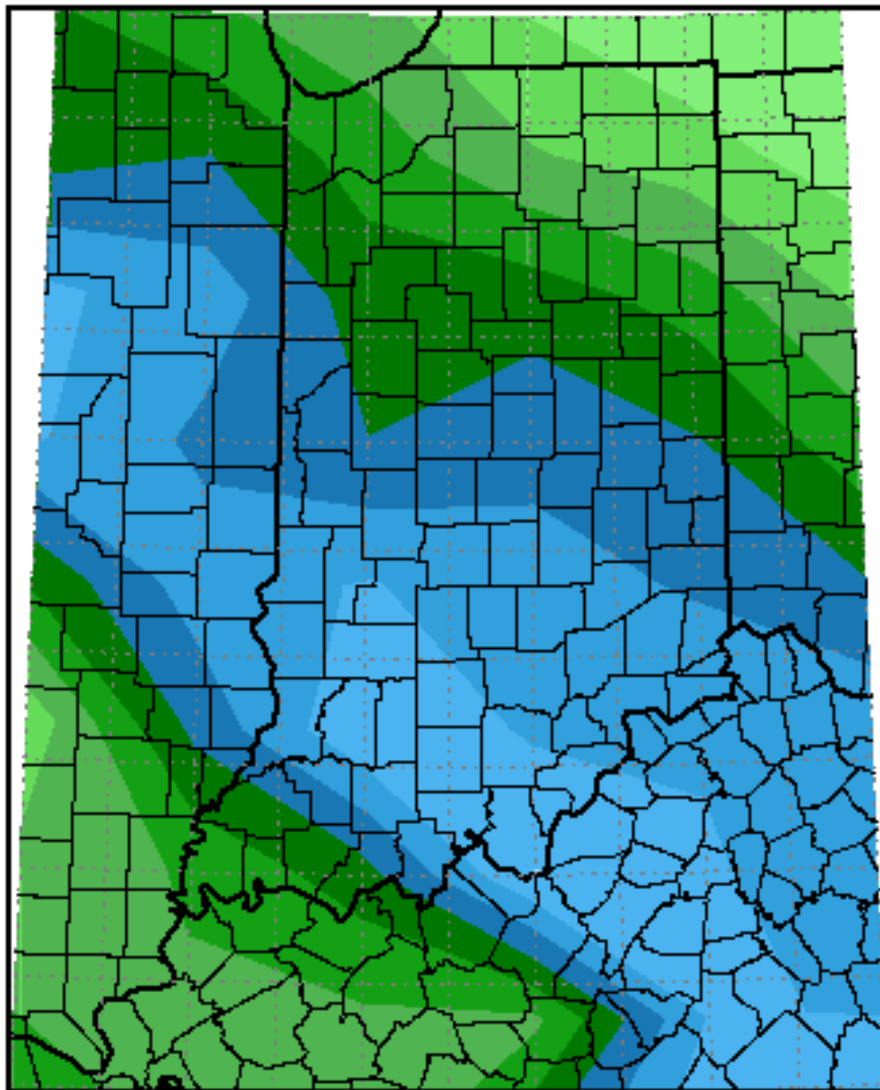
Temperature

Region	Average	Normal	Deviation
Northwest	39.9	34.9	5.0
North central	39.5	34.5	5.0
Northeast	39.2	34.1	5.1
West central	41.6	37.0	4.6
Central	41.4	36.7	4.7
East central	40.8	35.8	5.0
Southwest	45.4	41.3	4.1
South central	44.5	40.9	3.6
Southeast	43.4	39.9	3.5
State	41.8	37.3	4.5

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	11.49	10.19	1.30	113
North central	11.30	10.33	0.97	109
Northeast	10.96	10.06	0.90	109
West central	14.02	11.80	2.22	119
Central	15.46	11.96	3.50	129
East central	12.65	11.46	1.19	110
Southwest	19.54	14.72	4.82	133
South central	20.11	14.78	5.33	136
Southeast	17.17	14.14	3.03	121
State	14.95	12.20	2.75	123

**Total Precipitation in Inches
April 1, 2006 to April 30, 2006**

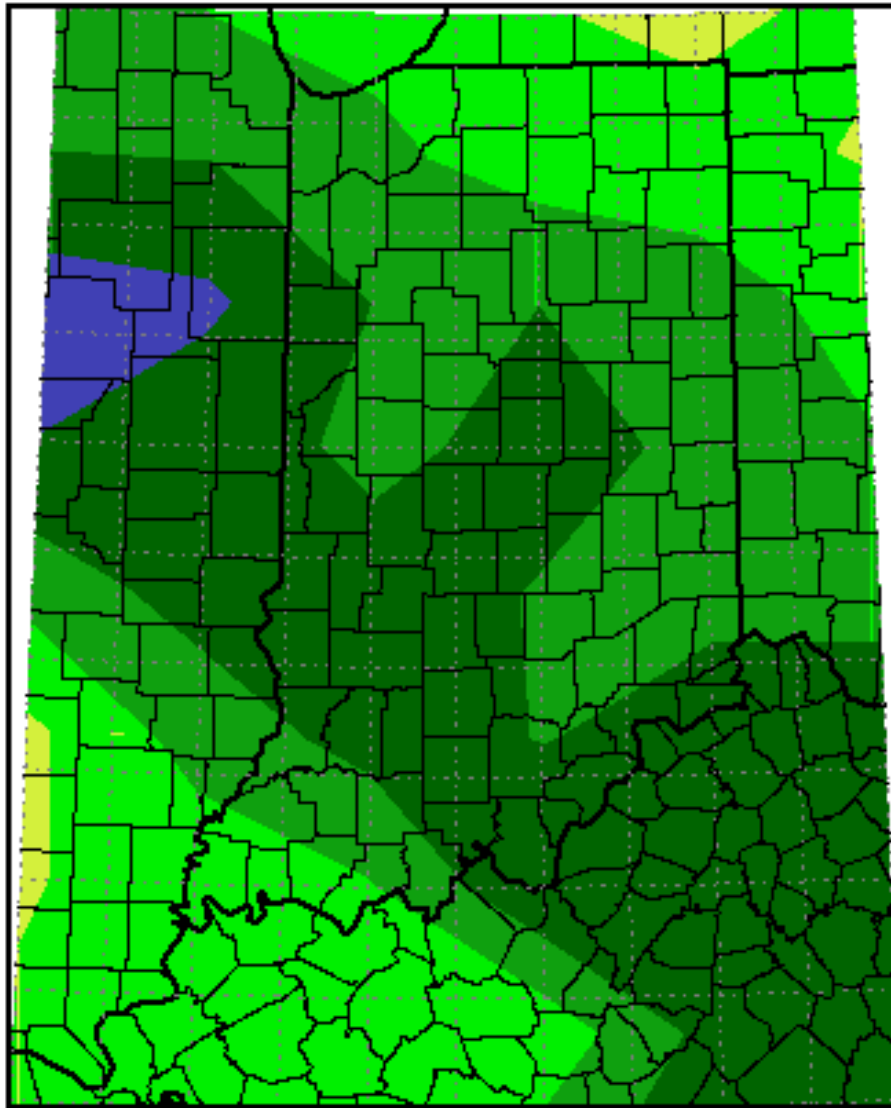


Midwestern Regional Climate Center

Illinois State Water Survey

Champaign, Illinois

**Total Precipitation Percent of Mean
April 1, 2006 to April 30, 2006**



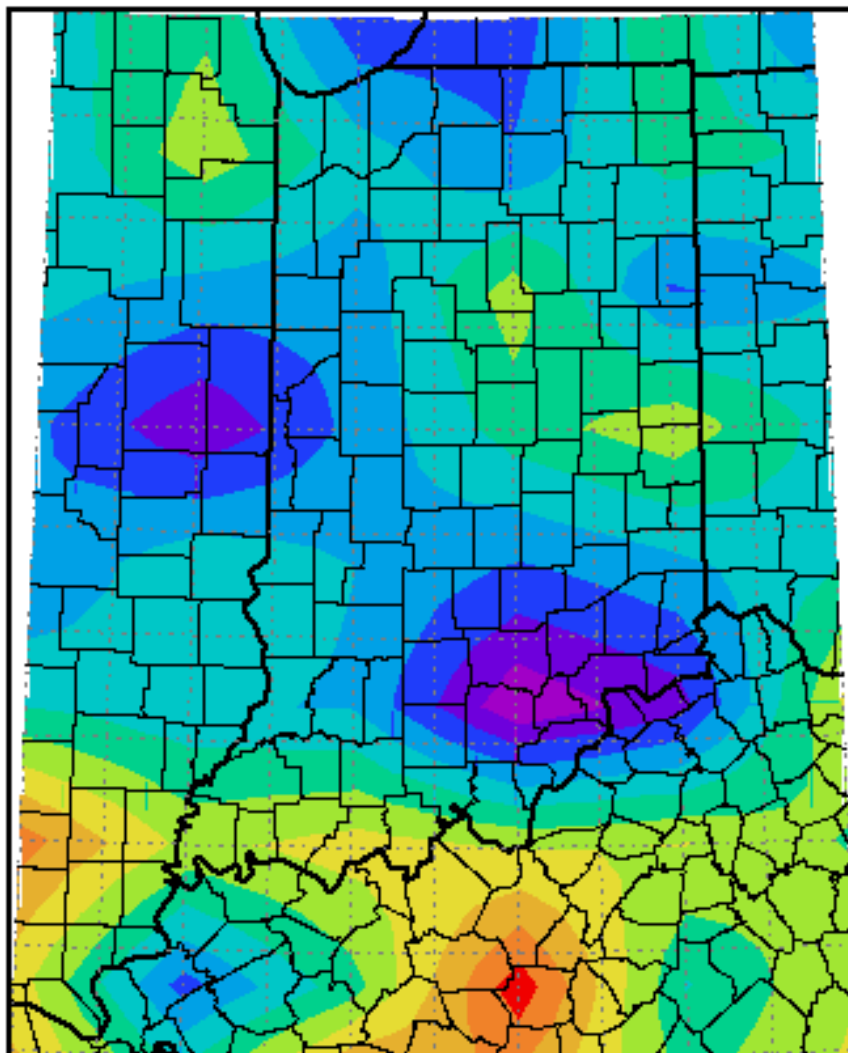
0 2 5 10 25 50 75 100 125 150 175 200

Midwestern Regional Climate Center

Illinois State Water Survey

Champaign, Illinois

**Average Temperature Departure from Mean in Degrees F
April 1, 2006 to April 30, 2006**



**Midwestern Regional Climate Center
Illinois State Water Survey
Champaign, Illinois**

Contributions made by Al Shipe NWS Indianapolis