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Indiana State Climate Office

Monthly Weather Report

Jun 26, 2006



<http://www.iclimat.org>

May 2006 Summary

May 1-4

Thunderstorms raged to the east of and along a cold front on May 1st and 2nd. Along with the thunderstorms came heavy rains and a few severe wind reports on the 1st. These reports included fallen trees and power lines in Gibson, Pike, and Crawford Counties. Another cold front brought lighter amounts of rainfall to the area on the 3rd and then cleared the state by the morning of the 4th. The state precipitation total for this period was 6.11 inches, or 1.17 inches above normal. The subsequent mean temperature values were below normal. The mean temperature for the state was 61.7°F, just slightly below the normal of 62.9°F.

May 5-9

This period marked a reprieve from the heavy rainfall, with only 0.09 inches falling across the state. High temperatures fluctuated between the 60s and 70s, with lows in the 40s and 50s. A weak cold front moved across the state on the 5th and another weak disturbance moved across the state of Indiana on the 9th. High pressure was across the region for the remainder of the time.

May 10-20

An upper level low remained in place over the state for the next ten days bringing rainfall to parts of the state every day from the 10th until the 20th before finally drying out. Severe weather occurred on three of these days, May 10th, 17th, and 18th. With this pattern in place, temperatures were a lot cooler than normal. The state as a whole averaged 2.97 inches of rainfall, 1.48 inches above normal. Lowland flooding began to occur in some parts of central and southern Indiana. The central, north central, and northeastern locations across the state on average received the most precipitation, with lesser amounts to the south and northwest. Average temperatures were almost 10 degrees cooler than the normal temperature of 62.7°F. On the 10th, a strong cold front moved across the area bringing with it heavy rainfall and severe weather to southern portions of the state. There were four reports of tornado touchdowns and three severe wind reports. On the north side of Evansville, in Vanderburgh County, a tornado briefly touched down in a landfill and tracked northeast through a clump of trees, causing debris. There was a brief touchdown along state route 61, two miles south of Lynnville in Warrick County.

Another report came from Lynnville, where a funnel cloud dropped to tree level, blew off the tops, and threw moderate debris into power lines. An F1 tornado with a path length of one mile and a path width of 100 yards caused minor structural and tree damage three miles to the southwest of Huntingburg in Dubois County. Wind damage was also reported in Orange, Harrison, and Dubois Counties. Temperatures made it up into the 60s and 70s on the 10th; however, by the 11th temperatures dropped to the 50s and 60s. The coolest day occurred on the 12th when Indianapolis and many other areas remained below 50 degrees. Another cold front moving through helped to contribute to the low temperatures. High temperatures were mainly in the 50s until the 16th when temperatures rose into the 60s. Low temperatures were generally in the 40s and 50s. The 17th had temperatures in the 70s in advance of a cold frontal system that brought hail and wind to the Hoosier state. Hail ranged from 0.75 to 0.88 inches in Kosciusko, Porter, Jackson, and Marion Counties. Large trees were down in Richmond, Indiana due to strong winds. Severe weather continued on the 18th along with another disturbance across the region. Central portions of the state received hail along with damaging winds. Hail made it up to 1.75 inches in Ripley County and 1.25 inches in Hancock and Henry Counties. Hailstones of an inch or less were reported in Marion, Clinton, Montgomery, Hamilton, Hendricks, Madison, Morgan, and Delaware Counties. Tree or power line damage was caused by strong winds in Tippecanoe, Clinton, Hamilton, Johnson, Decatur, Dearborn, Ohio, and Henry Counties. The severe weather settled down for the 19th; however, light rain fell across portions of the state until the 20th, with high temperatures making it up into the 60s and 70s.

May 21-27

Dry conditions associated with high pressure finally returned to the state for the 21st and 22nd before light rain covered all but the southeastern portions of the state on the 23rd. This was the calm before the storm that occurred on the 24th and 25th, which again brought severe weather to the state as a warm front moved northward on the 24th and a cold front swept across the state on the 25th. The severe weather occurred mainly across the southwest portions of the state on the 24th and then spread over most of the state by the next day. Hail on the 24th was an inch or less in diameter. The biggest damage came from the winds, which caused downed trees, power lines, structural damage, and semi-trucks blowing over. Hail on the 25th was larger, with multiple reports of two-inch hail or less. There was also a report of 4.25 inch diameter hail seven miles north of Boonville in Warrick County. Wind damage was similar to that of the day before except with more widespread reports. One person was injured in Cass County: an employee in a restaurant was cut from flying glass. Residual rainfall fell on the 26th as the storm system began to exit and by the 27th, the state returned to dry conditions. Temperatures gradually began to warm from the 60s and 70s to the 80s by the end of the period. Lows varied a lot from the 30s to the 60s. The coolest period was on the morning of the 22nd and 23rd. Rainfall totals were only 0.13 inches below the state average of 1.14 inches.

May 28-31

Severe weather occurred in one location or another in Indiana from the 28th to the 31st under summer-like conditions. Storms became more prevalent towards the end of the month as the cold front moved closer to the area and finally overtook the state by the 31st. Temperatures soared up into the 80s and 90s across the state and only made it down into the 60s and 70s at night. On the 28th Floyd County received quarter inch hail in addition to multiple reports of trees down. The 29th saw severe weather along the northwestern corner of the state in Lake County. In Munster there were large limbs down, localized flooding, and roof damage. Schererville had bending trees and Dyer had tree limbs and power lines down in addition to a flat roof blown off a building at 215th Street and Madison. Hail of 0.75 inches was reported two miles to the southeast of Logansport on the 30th. Multiple downed trees were also reported. In Benton County three utility poles snapped off at the ground, power lines were blown down, one tree was split down the middle, and a second tree was blown down. To finish off the month, the main threat turned to land spout tornadoes. These occurred in White and Cass Counties and moved from west to east. There was a report of a tree falling on a house southeast of Monticello on the White and Carroll County line, while four miles west of Logansport in Cass County, a 70mph wind gust occurred. Any flooding that occurred with the storms during the last part of the month was localized.

Temperature

Region	Average	Normal	Deviation
Northwest	59.8	61.2	-1.4
North central	59.1	60.7	-1.6
Northeast	59.3	60.2	-1.0
West central	61.4	62.6	-1.3
Central	60.7	62.1	-1.4
East central	60.3	61.2	-0.9
Southwest	64.1	64.9	-0.8
South central	62.9	64.2	-1.3
Southeast	61.8	63.4	-1.6
State	61.1	62.4	-1.2

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	4.72	4.06	0.66	116
North central	5.15	3.90	1.25	132
Northeast	5.62	3.79	1.83	148
West central	5.15	4.42	0.73	116

Central	5.52	4.38	1.14	126
East central	5.55	4.25	1.30	131
Southwest	5.35	4.97	0.38	108
South central	5.05	4.97	0.08	102
Southeast	4.61	4.82	-0.21	96
State	5.21	4.41	0.80	118

Local extremes with over 50% of the data available

	Site	Ob	Dev	% Available Data
Low Precipitation	Williams	2.41	-2.66	90
High Precipitation	Morristown	7.91	3.35	100

**Spring Season-to-date
(March-May)**

Temperature

Region	Average	Normal	Deviation
Northwest	50.9	50.0	0.9
North central	50.3	49.4	1.0
Northeast	50.2	48.9	1.3
West central	52.6	51.8	0.8
Central	52.0	51.2	0.8
East central	51.5	50.3	1.2
Southwest	56.2	55.1	1.1
South central	54.7	54.4	0.3
Southeast	53.5	53.4	0.1
State	52.5	51.7	0.9

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	12.46	10.64	1.83	117
North central	12.06	10.34	1.72	117
Northeast	11.64	10.05	1.58	116
West central	14.95	11.73	3.22	127
Central	15.59	11.68	3.91	133
East central	13.99	11.23	2.75	125

Southwest	18.74	13.70	5.04	137
South central	18.52	13.61	4.91	136
Southeast	16.01	13.03	2.97	123
State	15.06	11.82	3.24	127

Annual-to-Date

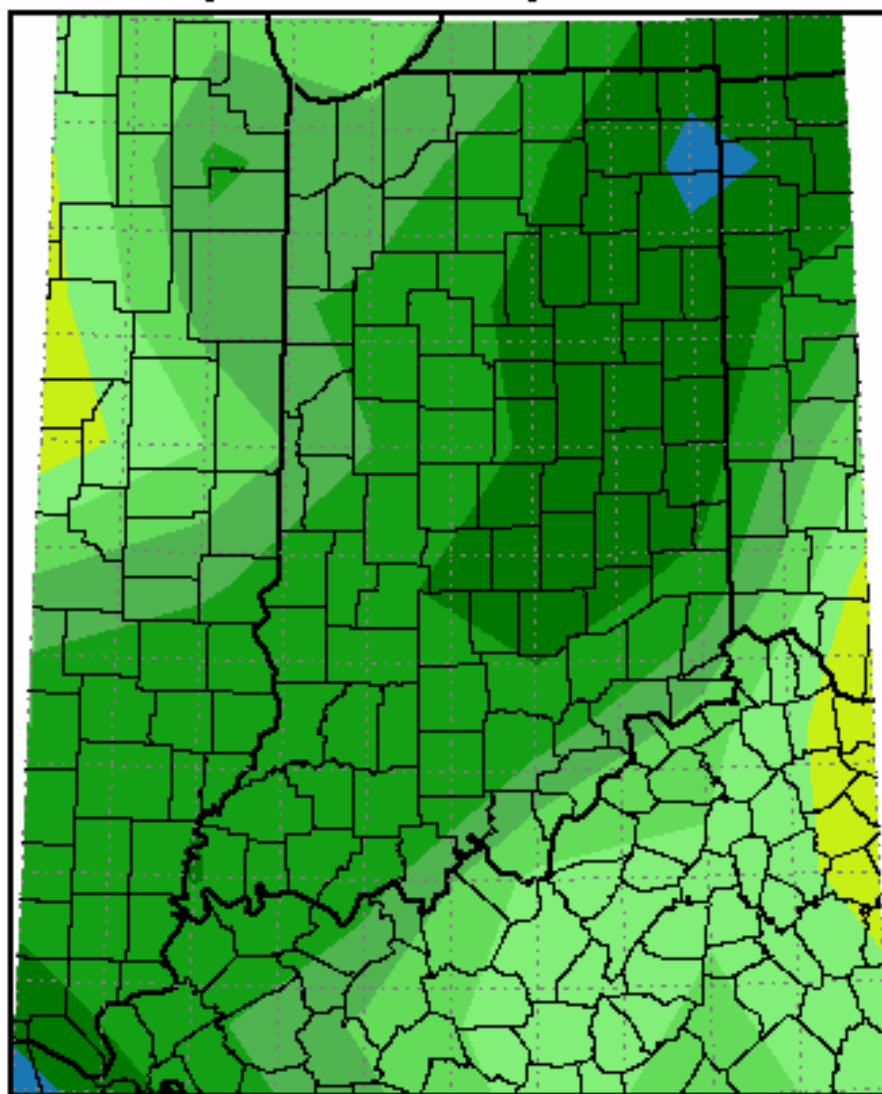
Temperature

Region	Average	Normal	Deviation
Northwest	44.0	40.4	3.6
North central	43.5	40.0	3.6
Northeast	43.4	39.5	3.8
West central	45.7	42.3	3.3
Central	45.3	41.9	3.4
East central	44.8	41.1	3.7
Southwest	49.2	46.2	3.1
South central	48.2	45.7	2.5
Southeast	47.2	44.8	2.4
State	45.8	42.5	3.3

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	16.20	14.18	2.02	114
North central	16.42	14.17	2.25	116
Northeast	16.56	13.79	2.77	120
West central	19.13	16.14	3.00	119
Central	20.97	16.25	4.72	129
East central	18.20	15.63	2.56	116
Southwest	24.86	19.59	5.28	127
South central	25.13	19.63	5.50	128
Southeast	21.77	18.85	2.91	115
State	20.14	16.52	3.62	122

**Total Precipitation in Inches
May 1, 2006 to May 31, 2006**



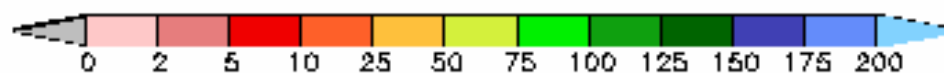
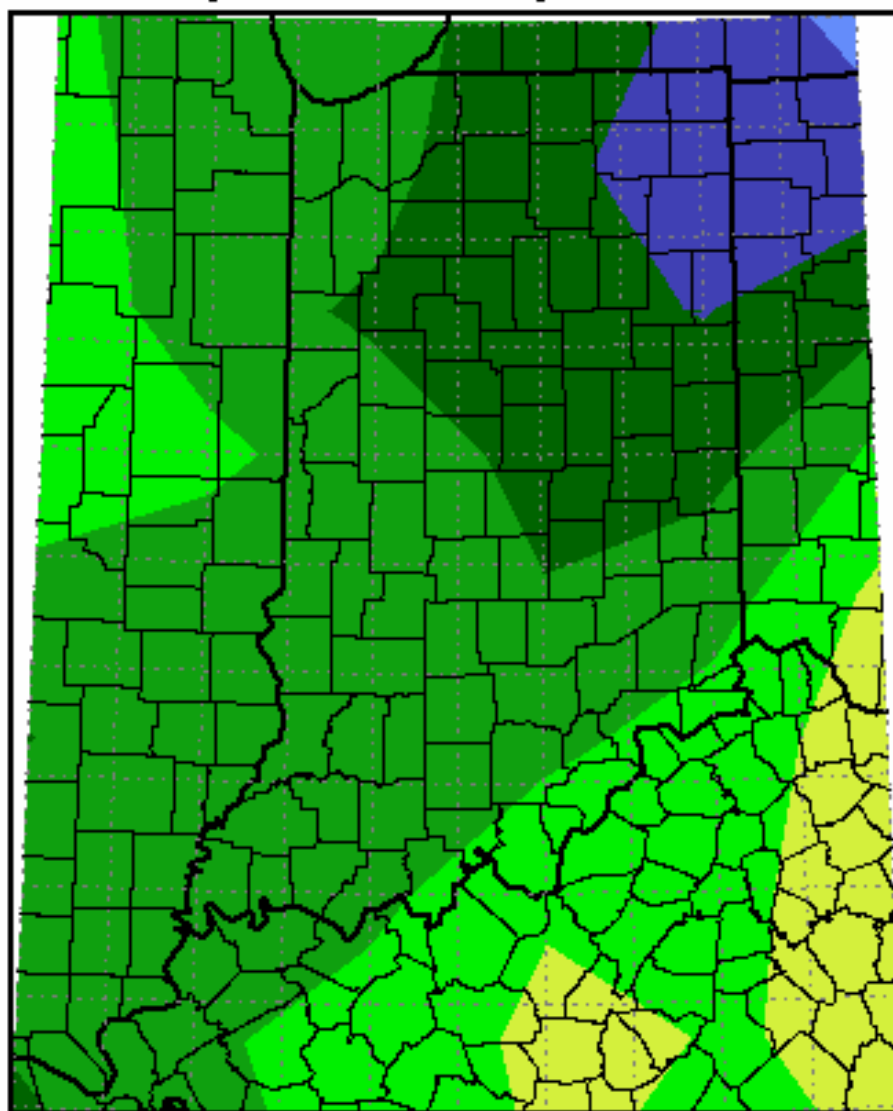
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Midwestern Regional Climate Center

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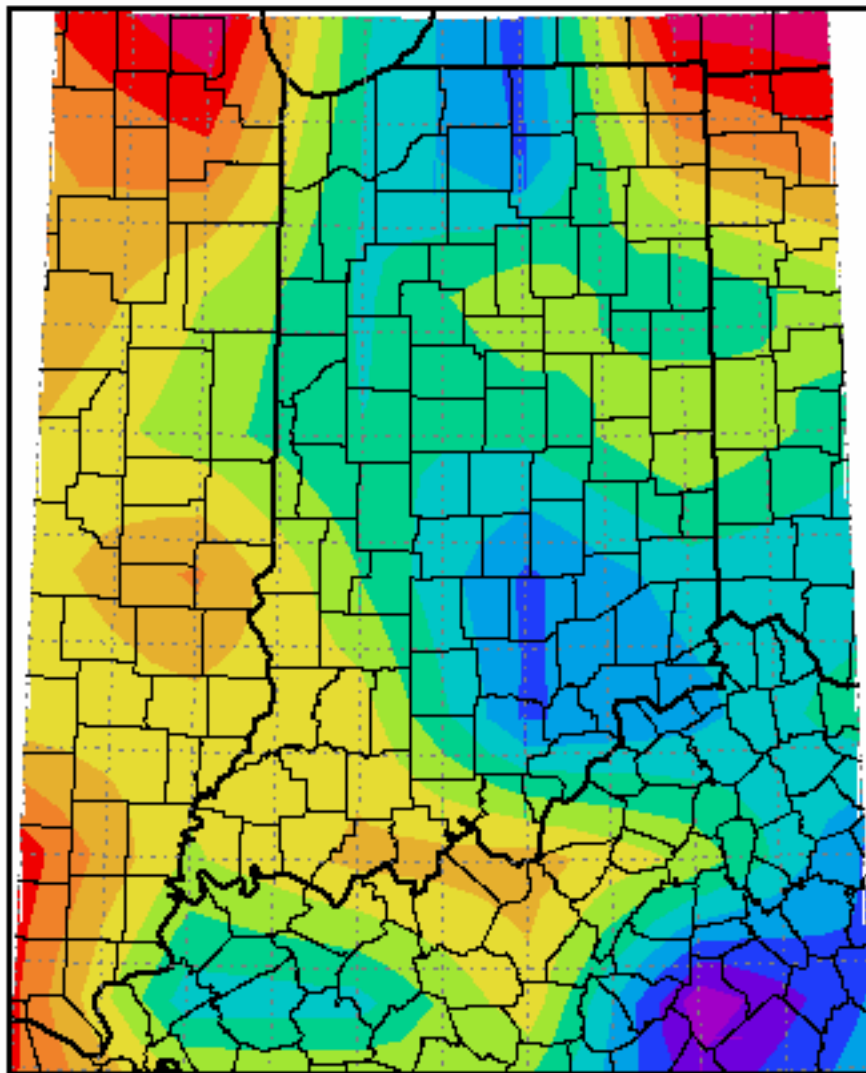
Champaign, Illinois

**Total Precipitation Percent of Mean
May 1, 2006 to May 31, 2006**



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

**Average Temperature Departure from Mean in Degrees F
May 1, 2006 to May 31, 2006**



-2.2 -2 -1.8 -1.6 -1.4 -1.2 -1 -0.8 -0.6 -0.4 -0.2

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Champaign, Illinois

Contributions made by Al Shipe NWS Indianapolis