

The state of Indiana generally received above to much above normal rainfall over the week of April 2-9, 2025. The state received 1.0"-12.5" of rain with the highest amounts in the south. The east-central boarder of the state received up to 0.75" of snowfall over the week.

Mean temperatures for the week were below to above normal for the state. Mean temperatures ranged from 39.5°F in northern Indiana to 57.4°F in southwest Indiana. Departure from normal temperature ranged from -5.9°F to 5.5 F.

4" soil water content from the Purdue Mesonet Data Hub on April 10, 2025, indicates a range of 5.2% (very sandy soil) to 43.1% available water with a statewide average of 35.2%.

Soil moisture data from the NASA SPORT Real-time 3km Land Information System is ranging from 50% in northern Indiana to 75% available water in southern Indiana for the 0-100cm soil depth.

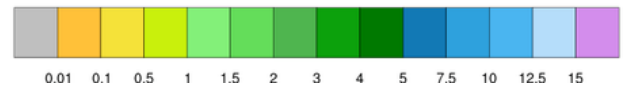
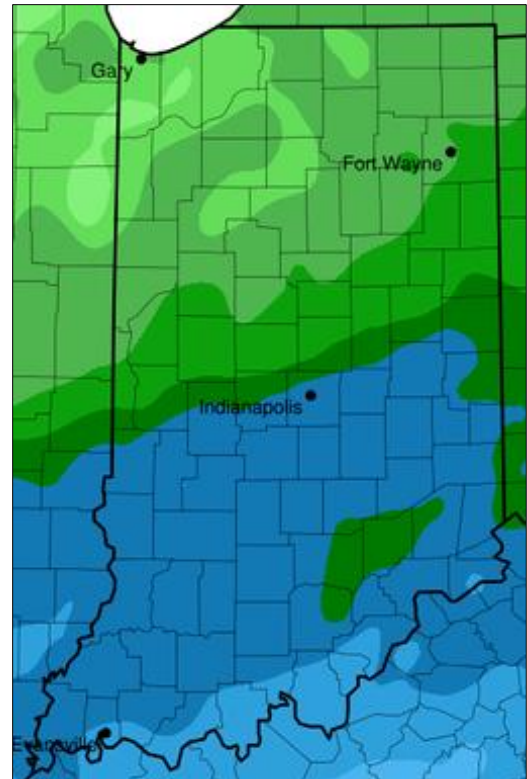
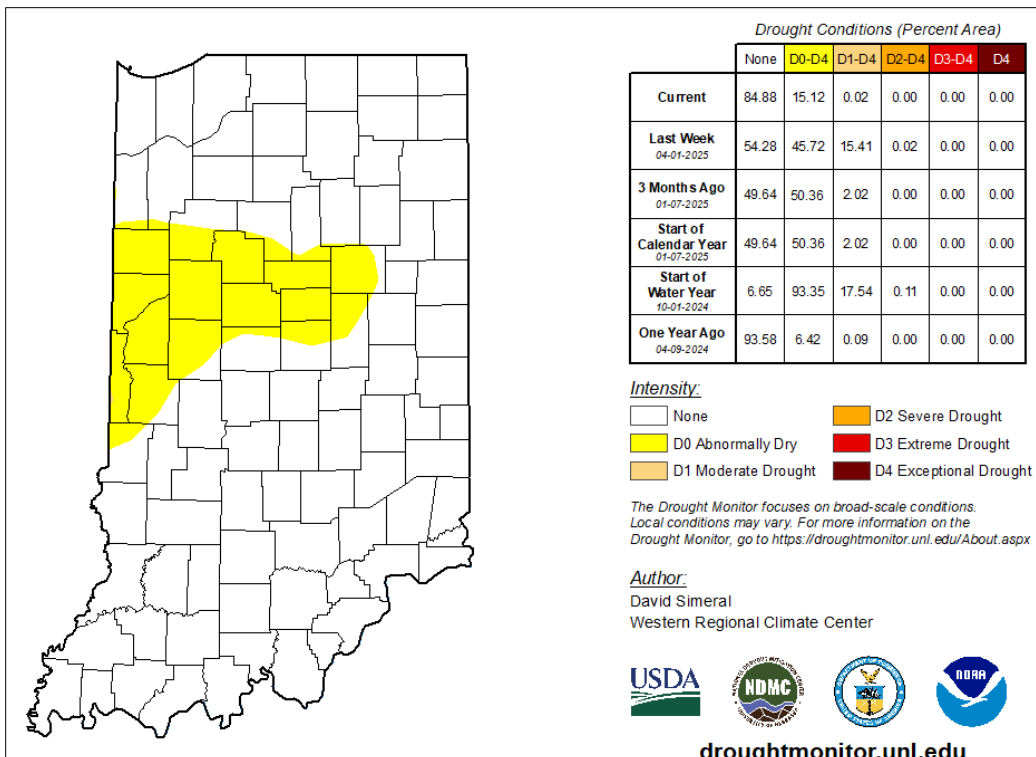


Figure 1. Accumulated rainfall (in.) for April 2-9, 2025, from MRCC.

**USDM for the State of Indiana**



For April 8, 2025, the U.S. Drought Monitor shows improving conditions with “abnormally dry” conditions along the east-central boarder of the state tapering as it extends east. The remaining southern, northern, and eastern portions of the state are experiencing no drought conditions.

Figure 2. US Drought Monitor for the State of Indiana on April 8, 2025.

## Reservoir Levels as of April 10, 2025

Table 1. Reservoirs managed by United States Army Corp of Engineers.

Reservoir	Brookville	Cecil Harden	Cagles Mill	Monroe	Patoka	JE Roush	Salamonie	Mississinewa
Winter Pool <sup>1</sup>	740.0	640.0	636.0	538.0	532.0	737.0	730.0	712.0
Summer Pool <sup>1</sup>	748.0	662.0	639.5	538.0	536.0	749.0	755.0	737.0
Current Pool <sup>1</sup>	756.7	667.0	674.1	550.9	543.2	774.63	760.95	751.48
% Utilization <sup>2</sup>	34.37	25.06	40.73	65.92	66.79	31.2	23.0	30.8

Table 2. Reservoirs managed by Citizens Energy Group\* and NIPSCO\*\*.

Reservoir	Eagle Creek <sup>3*</sup>	Geist <sup>3*</sup>	Morse <sup>3*</sup>	Lake Freeman <sup>4**</sup>	Lake Schafer <sup>4**</sup>
Normal Pool	790	784.26	809.44	610.35	645.15
Current Pool	790.73	784.93	810.07	610.36	645.15
% Utilization <sup>2</sup>	3.4%	--	--	--	--

<sup>1</sup>All units in feet and datum NGVD29

<sup>2</sup>Percent of designed flood storage utilized. The other named reservoirs are not designed for flood storage.

<sup>3</sup>All units in feet and datum NAVD88.

<sup>4</sup>All units in feet Local Datum.

## Groundwater Monitoring Network as of April 10, 2025

Groundwater wells across the state range from low to high. Data is reported from the U.S. Geological Survey Ohio-Kentucky-Indiana Water Science Center.

Table 3. Groundwater level rankings relative to normal.

Low <5%	Much Below 5-10%	Below 10-25%
Cass 3 Jasper 13 Noble 8 Whitley 3	Benton 4 Fulton 7 Hamilton 7 Knox 8 LaGrange 2 Tippecanoe 18 Vigo 7	Boone 17 Jefferson 5 La Porte 9 Newton 8 Wells 4
Near Normal 25-75%		
Bartholomew 4 Elkhart 4 Grant 10 Marion 35	Martin 5 Morgan 4 Parke 6 Posey 3	Pulaski 7 Randolph 3 Vanderburgh 7
Above 75-90%	Much Above 90-95%	High >95%
Lake 13	Decatur 2 Grant 8	Clark 20 Delaware 4 Harrison 8 Knox 7 Marion 39 Shelby 2 Wayne 6

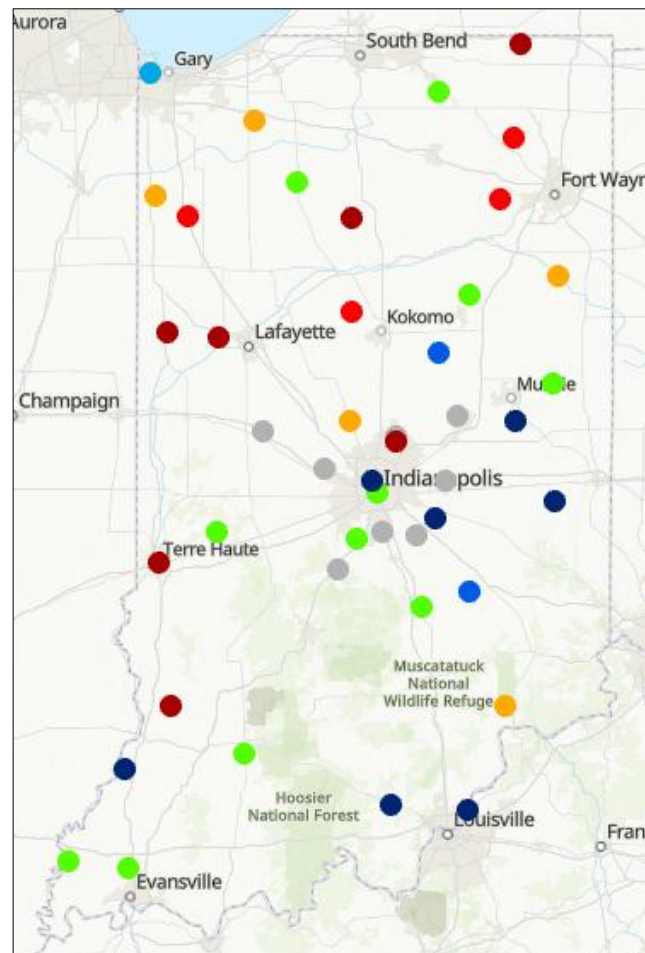


Figure 3. Map of USGS real-time groundwater monitoring wells.

### **Streamflow Conditions as of April 10, 2025**

Streamflow conditions are generally normal to above normal across the state. There are 45 gages reporting normal conditions for the date. There are 68 reporting above normal, 25 reporting much above normal, 14 reporting an all-time high for the date, 0 reporting below normal, 1 reporting much below normal, and 1 reporting an all-time low for the date.

Currently, 23% of stream gages indicate steady flow conditions; 11% are increasing and 65% are increasing.

Average observed streamflow at real-time USGS observing sites over the past 7-days ending April 8, 2025, averaged 0% reporting an all-time low, 0% much below normal, 0% below normal, 4% near normal, 15% above normal, 31% much above normal, and 50% reporting an all-time high.

USGS and NWS reports 12 of the stream gages are in “action stage”, 10 stream gages in “minor flood stage”, 2 in “moderate flood stage”, and 7 in “major flood stage.” The NWS Long Range Flood forecasts 10 gages in “action state”, 13 in “minor flood stage”, 16 in “moderate flood stage”, and 9 in major flood stage”.

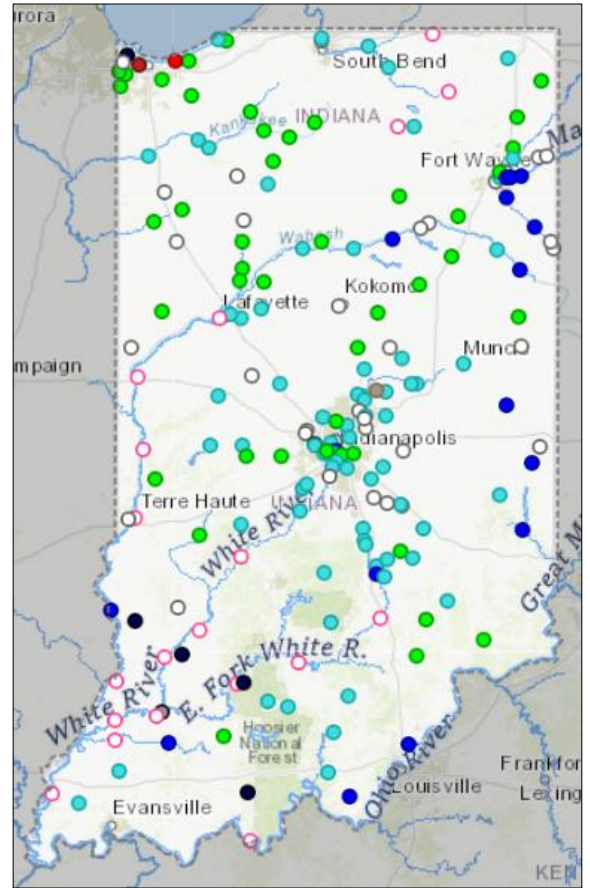


Figure 4. Map of USGS streamflow gages for Indiana.

### **NOAA 7-Day Quantitative Precipitation Forecast**

For April 10, 2025, the 7-Day Quantitative Precipitation Forecast valid for April 10-17, 2025, predicts up to 0.50” of precipitation with the highest amounts in southeastern Indiana. Precipitation is predicted to occur early and mid-week.

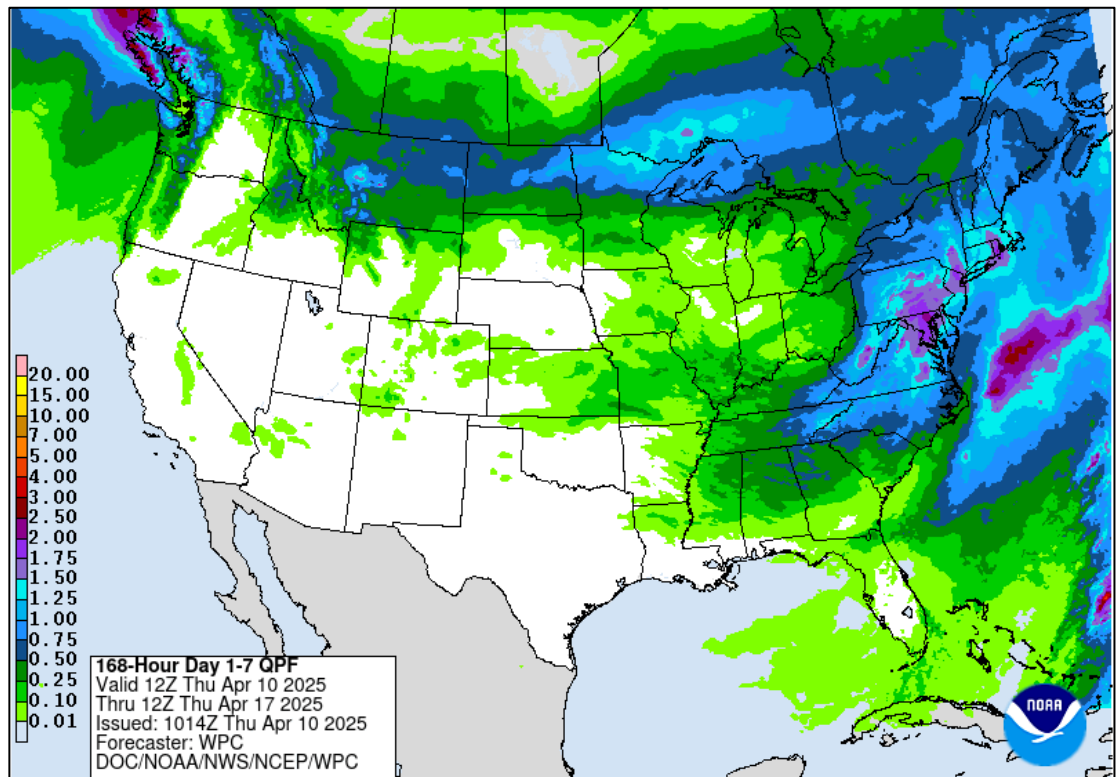
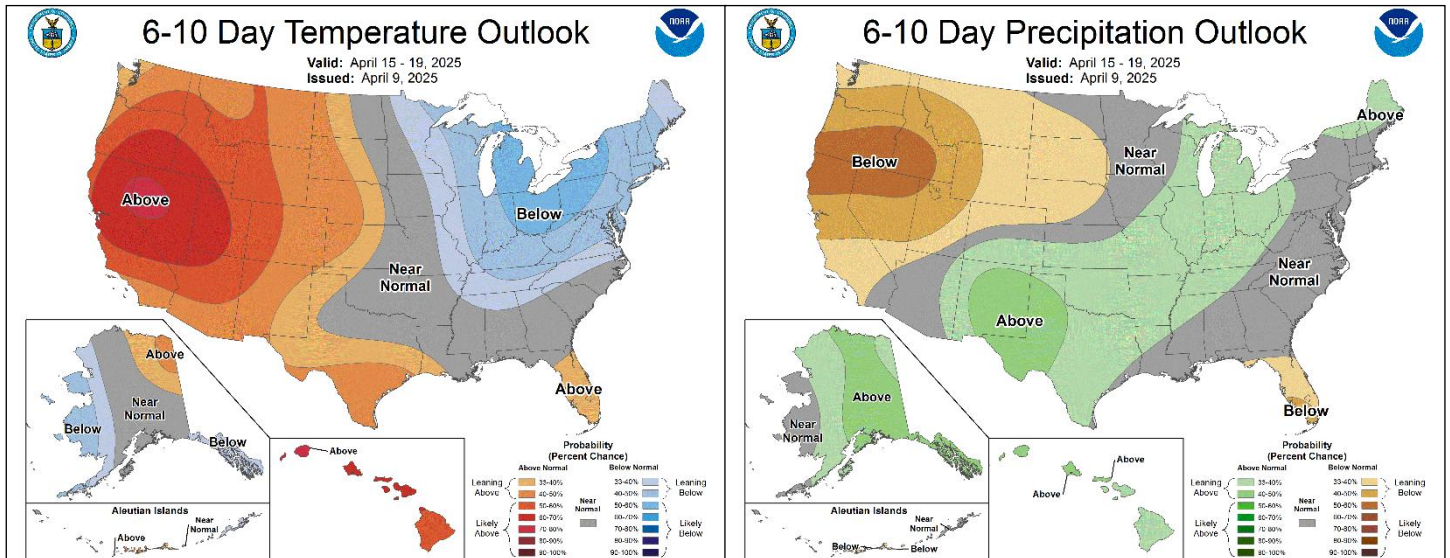


Figure 5. NOAA 7-Day Quantitative Precipitation Forecast, April 10-17, 2025.

## **NOAA National Weather Service 6-10 Day Outlook**

The 6-10 Day Temperature Outlook for April 15-19, 2025, projects a 40-60% chance of below normal temperature conditions across the state with higher chances in the northeastern portion of the state. The Precipitation Outlook projects a 33-40% chance of above normal conditions for the state.



Figures 6-7. 6-10 Day Temperature and Precipitation Outlook for the US

### **Acknowledgments:**

Prepared by DNR-Division of Water, Resource Assessment with data from the following organizations:

#### **Temperature and precipitation data:**

[Midwestern Regional Climate Center](#)

[CoCoRaHS Mapping System](#)

#### **Soil data:**

[NASA, Short-term Prediction Research and Transition Center](#)

[Purdue Mesonet Data Hub](#)

#### **Reservoir data:**

[US Army Corp of Engineers, Louisville District](#)

[US Army Corp of Engineers, Chicago District](#)

[Citizens Reservoirs at NWS River Observations](#)

[NIPSCO Hydro Plant Lakes](#)

#### **Groundwater data:**

[U.S. Geological Survey Ohio-Kentucky-Indiana Water Science Center](#)

#### **Streamflow data:**

[USGS National Water Dashboard](#)

[NWS River Forecasts](#)

[USGS Water Watch](#)

#### **Drought data:**

[US Drought Monitor](#)

#### **Forecast:**

[National Weather Service, Climate Prediction Center](#)

[National Weather Service, Weather Prediction Center](#)