Over the week of December 17-23, 2025, Indiana generally received near normal precipitation. Much of the state received 0.2 to 1.0 inches of rain. Areas of south-central and southeast Indiana received 0.75-1.63 inches of precipitation. Below normal snowfall was received over the week. Much of the state received 0.0 to 0.5 inches of snow, with up to 1.0 inch reported along the central portion of the northern border.

Mean temperatures for the week were near normal to well above normal and ranged from 28.1°F in northeastern Indiana to 44.9°F in southwestern Indiana. The highest maximum temperature was recorded in Evansville as 68°F on December 23. The lowest minimum temperature was recorded as 6°F in Huntington, IN on December 17. Departure from normal temperature ranged from 0.7°F to -9.6°F.

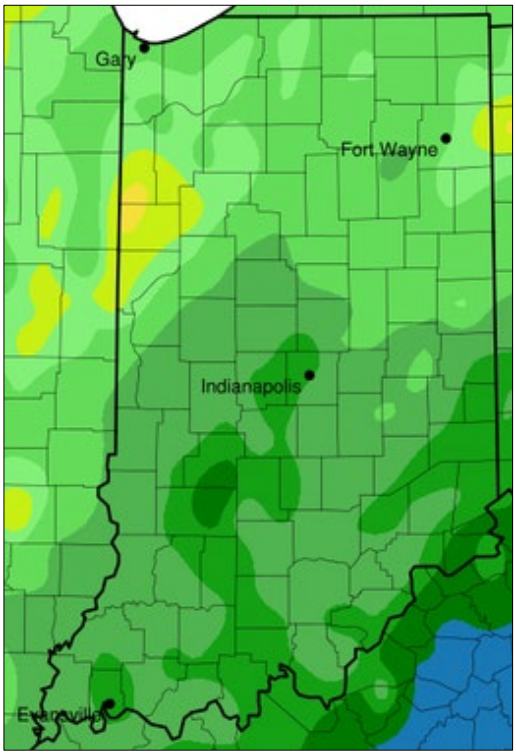


Figure 1. Accumulated precipitation (in.) for December 17-23, 2025, from MRCC.

Soil Moisture as of December 24, 2025

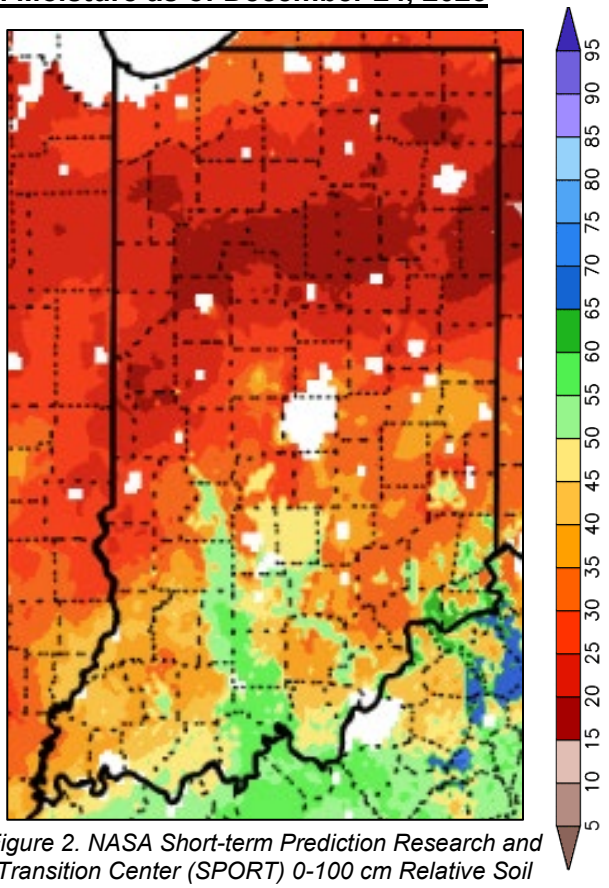


Figure 2. NASA Short-term Prediction Research and Transition Center (SPORT) 0-100 cm Relative Soil Moisture (available water; percent) for the State of Indiana on December 24, 2025.

Soil moisture data from the NASA SPORT Real-time 3km Land Information System ranges from 15% to 60% for the 0-100cm Relative Soil Moisture. The highest relative percent soil moistures were identified in south-central and southeast Indiana. The lowest relative soil moistures were in a swath running from the west-central to the northeastern parts of the state.

For data valid through December 23, 2025, the U.S. Drought Monitor shows conditions are remaining consistent with the previous four weeks. Drought conditions range from no drought across the southern half of the state and in the northwest corner up to extreme drought conditions in two areas: north-central Indiana and along the east-central border.

4” soil water content from the Indiana Mesonet Data Hub on December 24, 2025, indicates a range of 6.6% (very sandy soil) to 42.9% available water with a statewide average of 31.7%.

Reservoir Levels as of December 24, 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[1]	740.0	640.0	636.0	538.0	532.0	737.0	730.0	712.0
Summer Pool[1]	748.0	662.0	639.5	538.0	536.0	749.0	755.0	737.0
Current Pool[1]	740.4	639.6	637.0	538.5	532.3	737.51	730.33	712.27
% Utilization[2]	0.81	-0.33	0.65	2.03	-6.96	0.2	0.1	0.1

Table 1. Reservoirs managed by Citizens Energy Group and NIPSCO**.*

Reservoir	Eagle Creek[3*]	Geist[3*]	Morse[3*]	Lake Freeman[4**]	Lake Schafer[4**]
Normal Pool	790	784.26	809.44	610.35	645.15
Current Pool	788.36	784.39	809.63	610.38	645.16
% Utilization[2]	-7.62%	--	--	--	--

[1]All units in feet and datum NGVD29

[2]Percent of designed flood storage utilized. The other named reservoirs are not designed for flood storage.

[3]All units in feet and datum NAVD88.

[4]All units in feet Local Datum.

Groundwater Monitoring Network as of December 24, 2025

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

Table 2. Groundwater level rankings relative to normal.

Low <5%	Much Below 5-10%	Below 10-25%
Benton 4 Boone 17 Fulton 7 Grant 8 Knox 7 LaGrange 2 Montgomery 8 Noble 8 Pulaski 7 Randolph 3 Tippecanoe 18 Wells 4 Whitley 3	Cass 3 Elkhart 4 Hamilton 7 Jasper 13 La Porte 9 Vigo 7	Clark 20 Jefferson 5 Knox 8 Marion 39 Morgan 4 Parke 6 Posey 3 Wayne 6
Near Normal 25-75%		
Bartholomew 4 Decatur 2 Delaware 4 Grant 10	Harrison 8 Lake 13 Marion 35 Martin 5	Newton 8 Shelby 2 Vanderburgh 7
Above 75-90%	Much Above 90-95%	High >95%
None	None	None

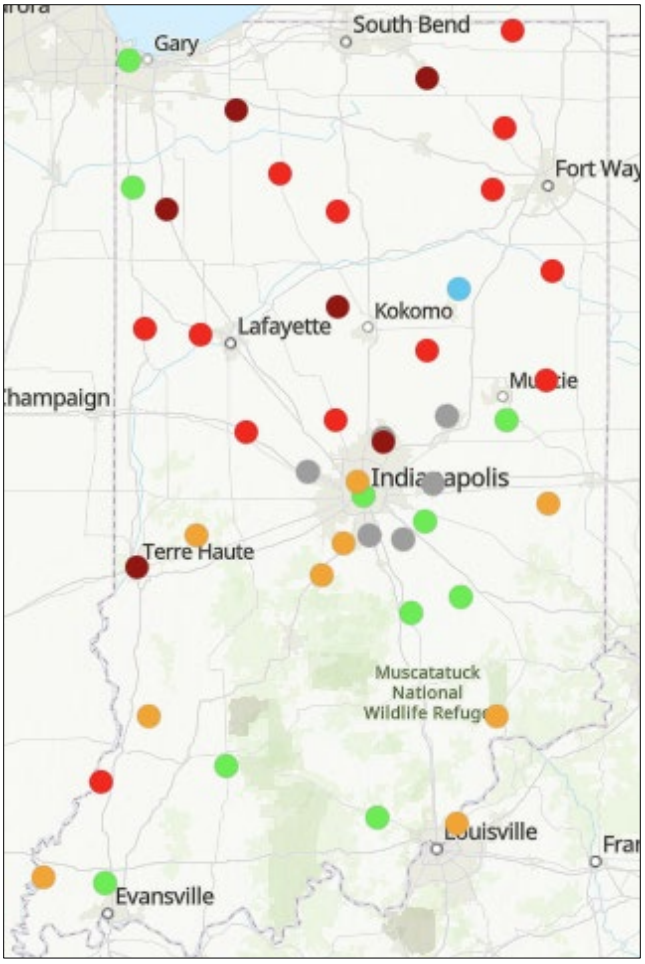


Figure 3. Map of USGS real-time groundwater monitoring wells

Streamflow Conditions as of December 24, 2025

Streamflow conditions are near to below normal across the state. There are 47 gauges reporting normal conditions for the date. There is 1 reporting above normal, 0 reporting much above normal, 1 reporting an all-time high for the date, 53 reporting below normal, 12 reporting much below normal, and 3 reporting an all-time low for the date.

Currently, 49% of stream gauges indicate steady flow conditions; 7% are increasing and 35% are decreasing.

Average observed streamflow at real-time USGS observing sites over the past 7-days ending December 22, 2025, averaged 1% reporting an all-time low, 11% much below normal, 26% below normal, 57% near normal, 5% above normal, 0% much above normal, and 0% reporting an all-time high.

USGS and NWS reports 0 stream gauges in “action”, “minor”, “moderate”, or “major” flood stage. The NWS 10-Day Forecast predicts no gauges in “action”, “minor”, “moderate”, or “major” stage. 6 gauges in southern Indiana have a 50% chance or greater of exceeding minor flood levels through February.

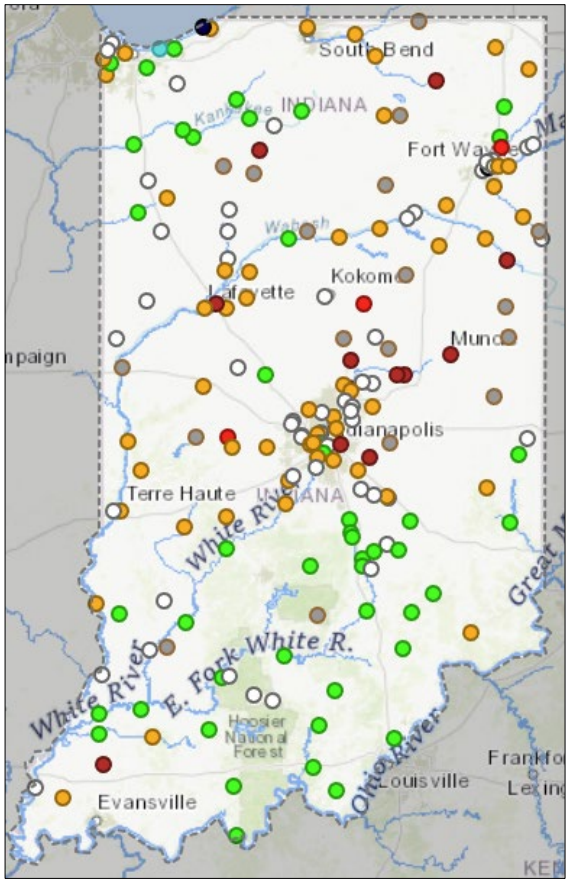


Figure 4. Map of USGS streamflow gauges for Indiana.

NOAA 7-Day Quantitative Precipitation Forecast

For December 24, 2025, the 7-Day Quantitative Precipitation Forecast valid for December 24-31, 2025, predicts 0.10-0.5” with the higher amounts forecast in the eastern half of the state. Precipitation is expected to occur through the earlier portions of the week.

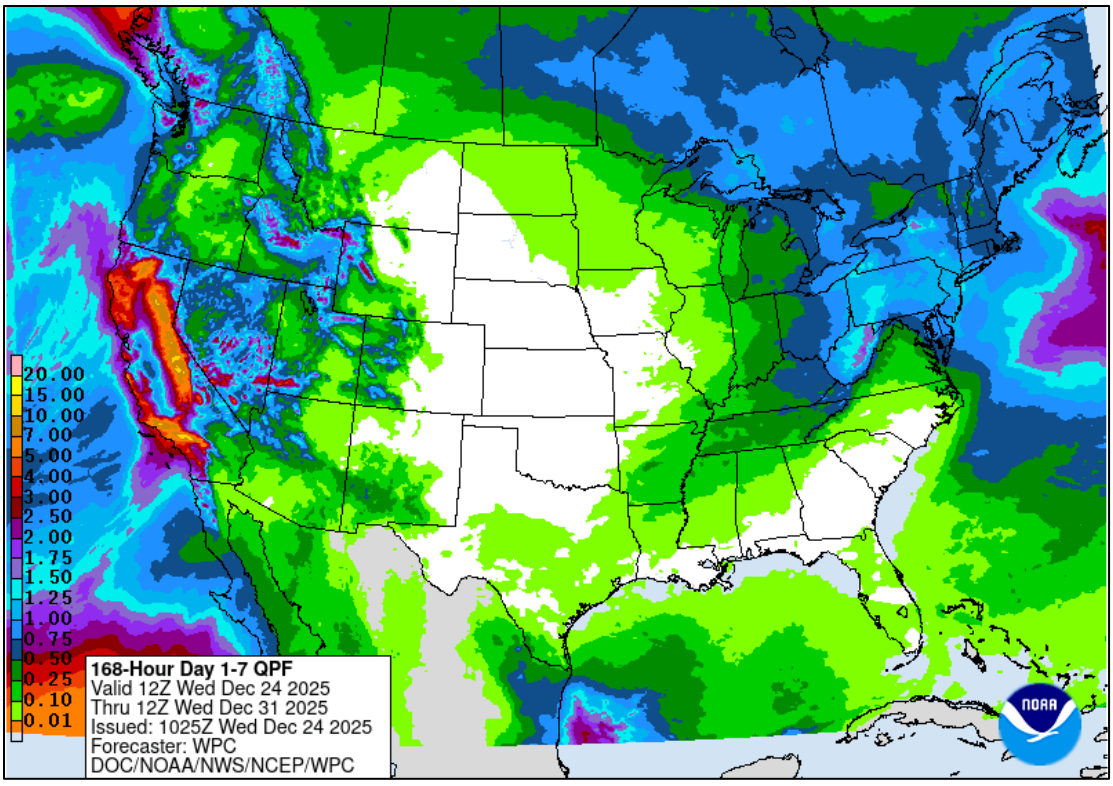
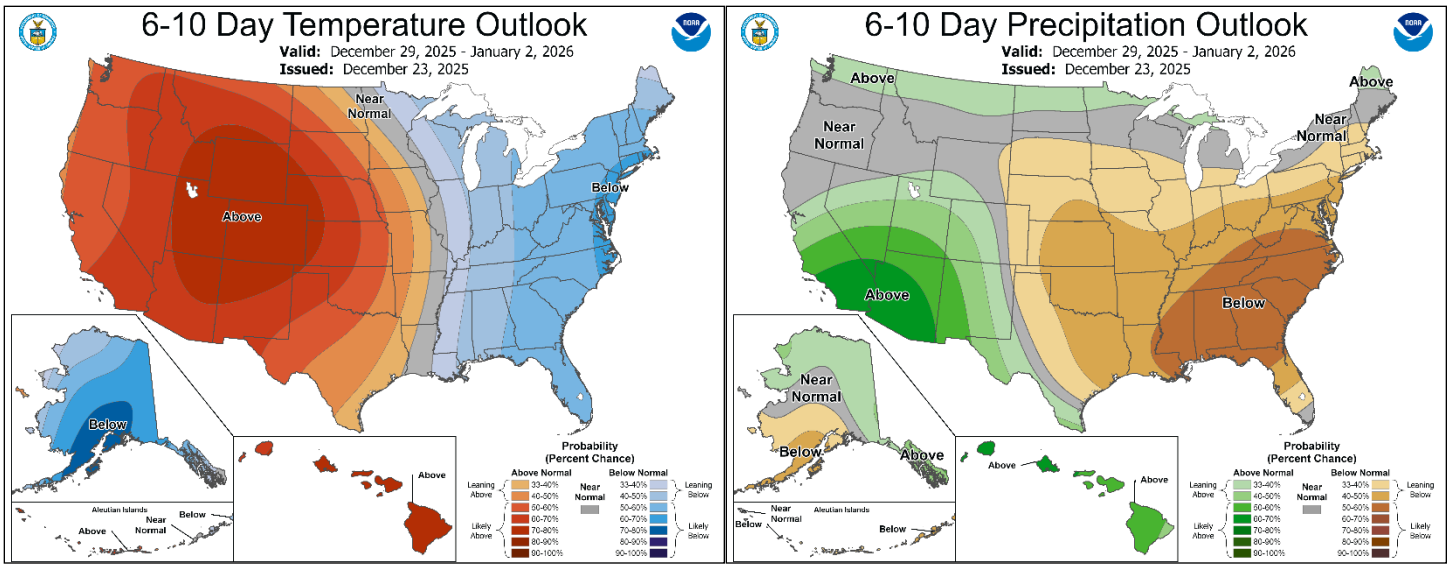


Figure 5. NOAA 7-Day Quantitative Precipitation Forecast, December 24, 2025.

NOAA National Weather Service 6-10 Day Outlook

The 6-10 Day Temperature Outlook for December 29 – January 2, 2025, projects a 40-50% chance of below normal temperature conditions for the entire state. The 6-10 Day Precipitation Outlook projects a 33-50% chance of below normal precipitation with the highest chances in the southern half of 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
Indiana 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