



Drought Information Statement for central Indiana

Valid October 27, 2023

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated November 24, 2023 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ind/DroughtInformationStatement> for previous statements.



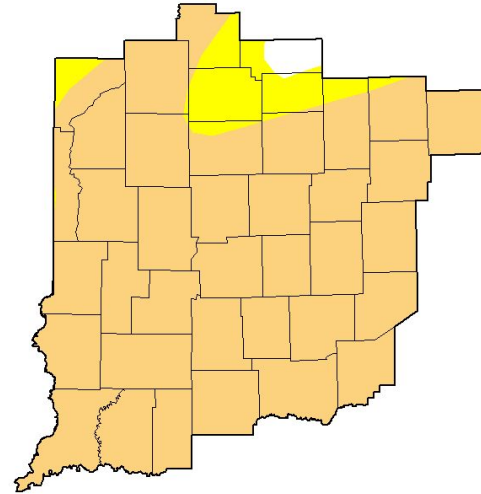


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for central Indiana

- MODERATE DROUGHT IN PLACE ACROSS MUCH OF CENTRAL INDIANA
- Drought intensity and Extent
 - D1 (Moderate Drought): Most of central Indiana
 - D0 (Abnormally Dry): Tipton, Howard, Clinton

U.S. Drought Monitor Indianapolis, IN WFO



October 24, 2023
(Released Thursday, Oct. 26, 2023)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	1.25	98.75	90.80	0.00	0.00	0.00
Last Week 10-17-2023	0.00	100.00	91.32	0.00	0.00	0.00
3 Months Ago 07-25-2023	19.16	80.84	29.47	0.00	0.00	0.00
Start of Calendar Year 01-01-2023	0.07	99.93	84.69	0.47	0.00	0.00
Start of Water Year 09-26-2023	0.00	100.00	90.13	0.00	0.00	0.00
One Year Ago 10-25-2022	0.00	100.00	50.69	0.00	0.00	0.00

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author

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NCEI/NOAA



droughtmonitor.unl.edu

Image Caption: U.S. Drought Monitor valid 8am EDT October 26.



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Indianapolis, IN



Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for central Indiana

- Four Week Drought Monitor Class Change.
 - 1-2 class improvement over north central Indiana
 - 1 class degradation over parts of southwestern central Indiana
 - Much of central Indiana unchanged

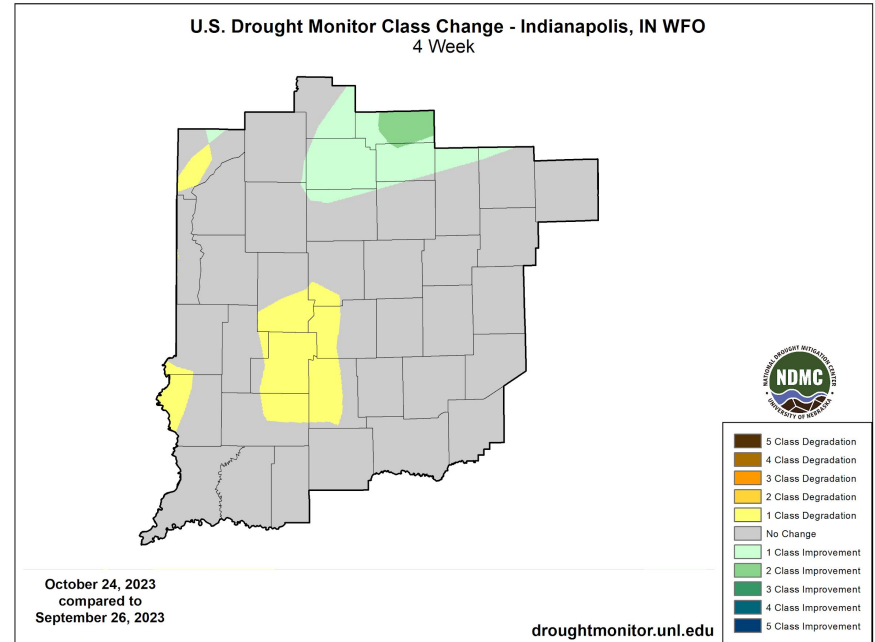


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT October 24.

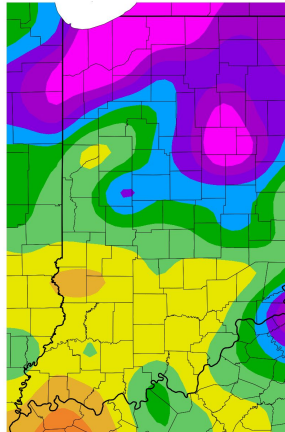




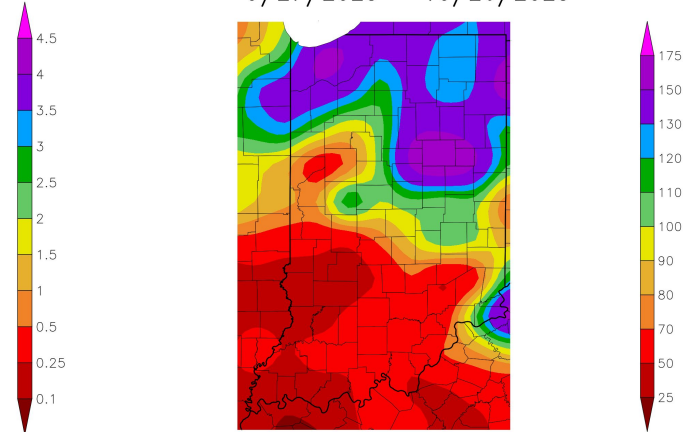
Precipitation

- For most of central Indiana and southern Indiana, precipitation over the past 30 days has been less than 70% of normal, with an area of 25-50% over the southwest
- Much of the northern third of Indiana saw 100-150%+ of normal

Precipitation (in)
9/27/2023 – 10/26/2023



Percent of Normal Precipitation (%)
9/27/2023 – 10/26/2023



Generated 10/27/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers 023 at HPRCC using provisional data.

NOAA Regional Climate Center

Image Captions:

Left - [Precipitation Amount for Indiana](#)

Right - [Percent of Normal Precipitation for Indiana](#)

Data Courtesy High Plains Regional Climate Center.
Data over the past 30 days ending October 26, 2023

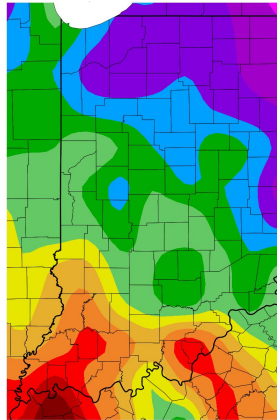




Temperature

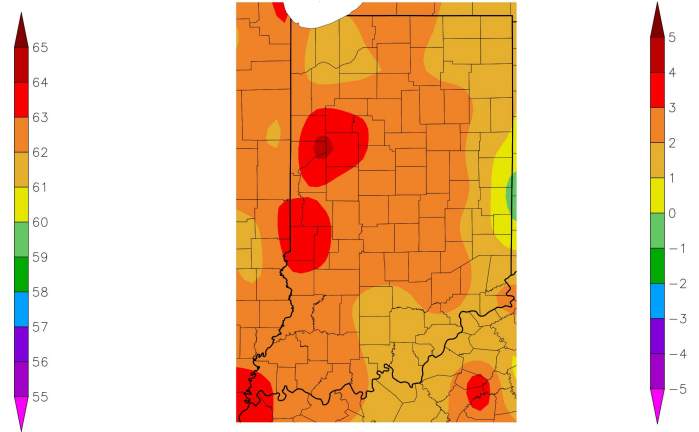
- Temperatures have run between 1 to 3 degrees above normal over the last 30 days

Temperature (F)
9/27/2023 – 10/26/2023



Generated 10/27/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)
9/27/2023 – 10/26/2023



NOAA Regional Climate Centers 2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:

Left - [Average Temperature](#)

Right - [Departure from Normal Temperature](#)

Data Courtesy High Plains Regional Climate Center.
Data over the past 30 days ending October 26, 2023





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Low flow on area rivers and streams
- Low pond and lake levels

Agricultural Impacts

- Corn and soybean harvest progress are behind the 5 year average
- Winter Wheat emergence behind the 5 year average
- Supplemental hay brought in for livestock

Fire Hazard Impacts

- Most burn bans lifted

Other Impacts

- None reported

Mitigation Actions

- None reported





Hydrologic Conditions and Impacts

- Below normal streamflow over the White and East Fork White basins, as well as portions of the upper Wabash and upper Tippecanoe.

Thursday, October 26, 2023

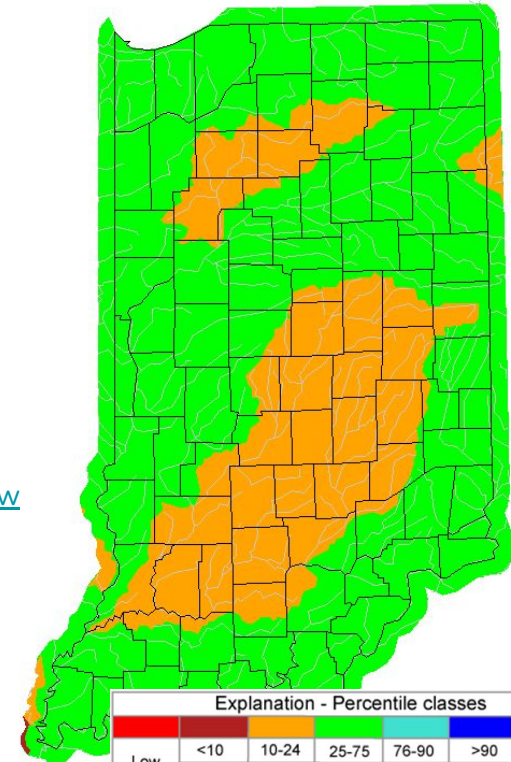


Image Caption:
[USGS 7 day average streamflow HUC map](#) for Indiana valid October 26, 2023

Explanation - Percentile classes						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	No Data





Agricultural Impacts

- Corn and soybean harvest progress are behind the 5 year average
- Winter Wheat emergence behind the 5 year average
- Use of supplemental hay for feeding livestock

[Link to Latest Indiana Crop Report](#)

Calculated Soil Moisture Ranking Percentile
OCT 26, 2023

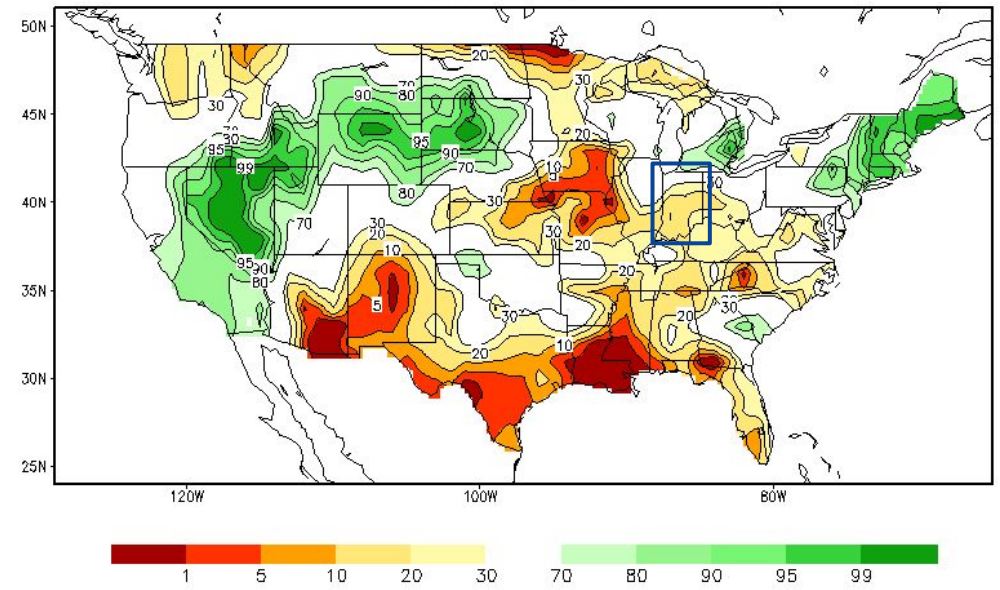


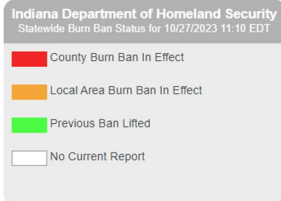
Image Caption: CPC Calculated [Soil Moisture Ranking Percentile](#) valid October 26, 2023



Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#)

- A burn ban is in place in 1 county in southern Indiana. This is a big improvement from early October



NOTICE: Burn Ban Status information is provided by each County's Emergency Management Agency.

Please see the comments listed below by County.



Image Caption: [Indiana County Burn Ban map](#) for October 27, 2023

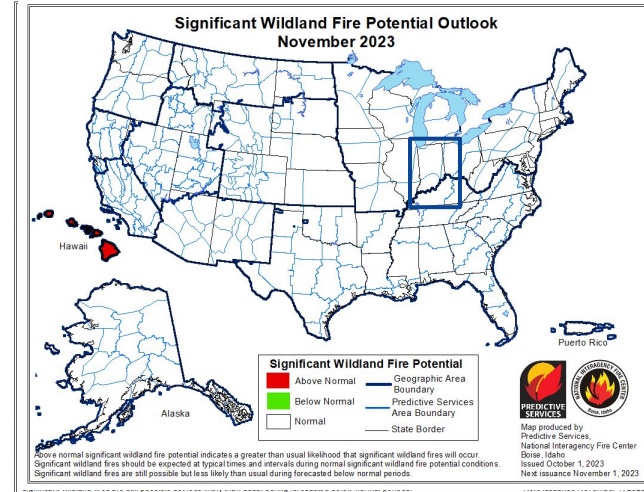


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for November 2023





Seven Day Precipitation Forecast

- Significant rainfall is expected over the upcoming weekend and into Monday, with amounts ranging from half an inch in northwest Indiana to 2 to 3 inches along the Ohio River.
- This could improve drought conditions, especially as evapotranspiration demands drop

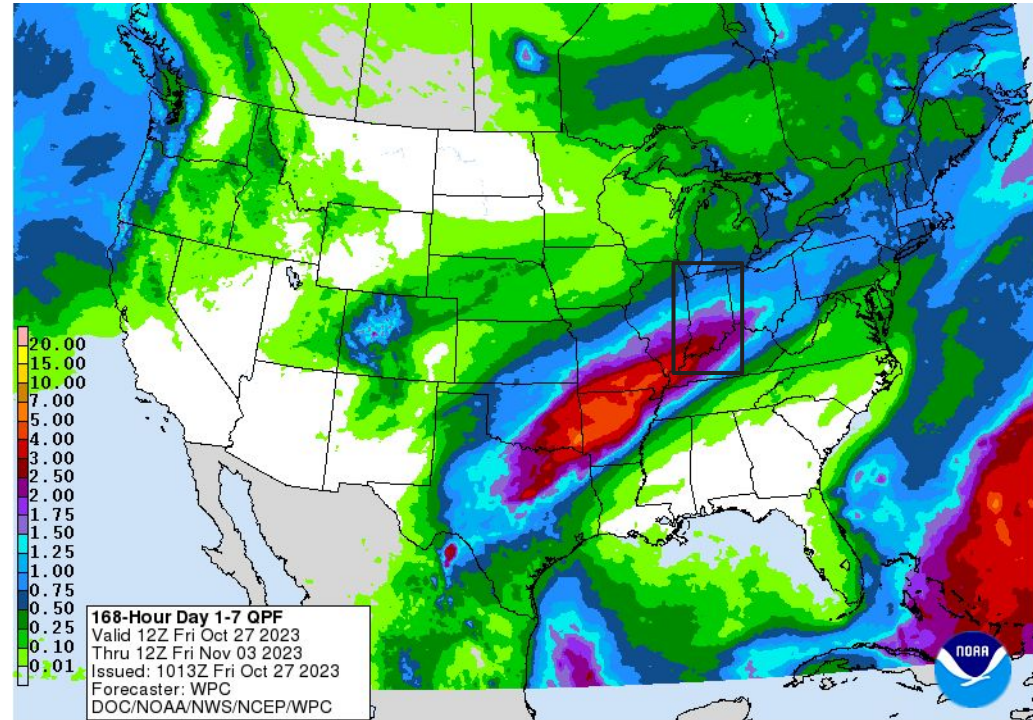


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Fri Oct 27 to Fri Nov 3.





Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- November outlooks show equal chances for all outcomes for both temperatures and precipitation

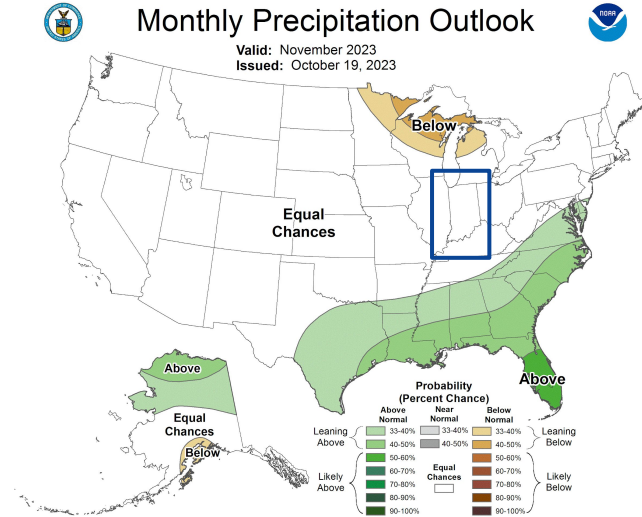
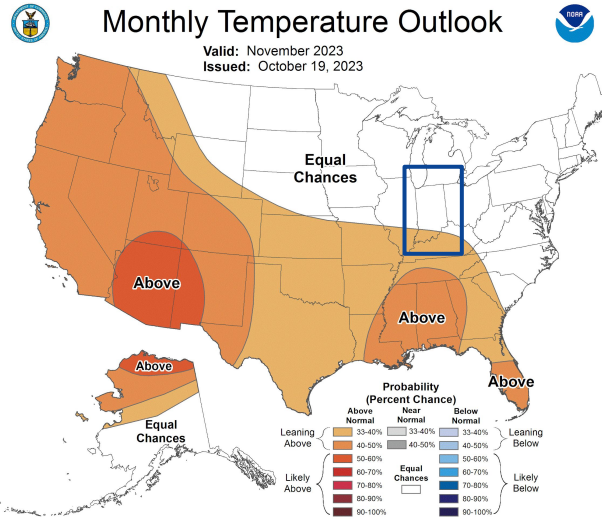


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook](#),

Right - [Climate Prediction Center Monthly Precipitation Outlook](#).

Valid November 2023





Drought Outlook

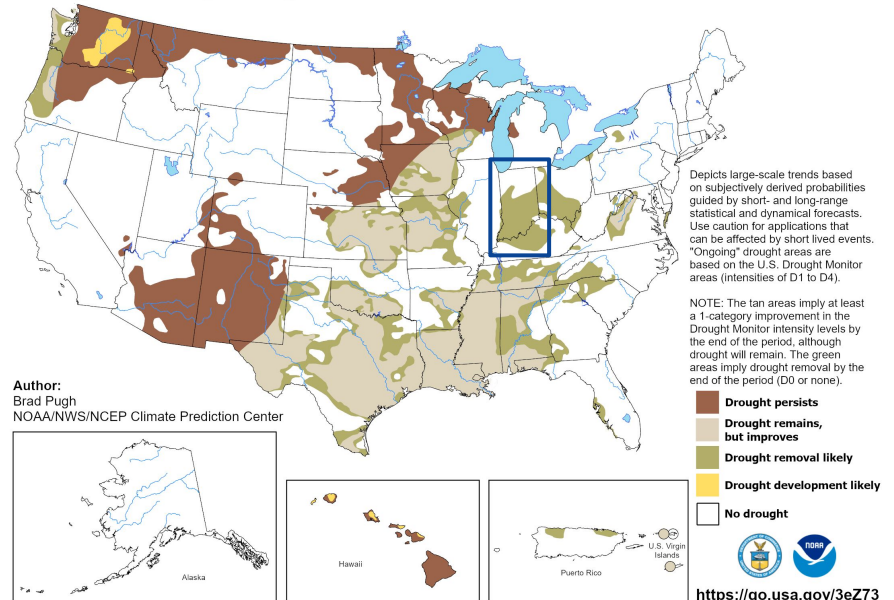
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought is expected to improve and possibly be removed over the next three months

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for October 19, 2023 - January 31, 2024
Released October 19, 2023



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released October 19, 2023 valid for October 19, 2023-January 31, 2024



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