



Drought Information Statement for central Indiana

Valid October 5, 2023

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated November 3, 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.



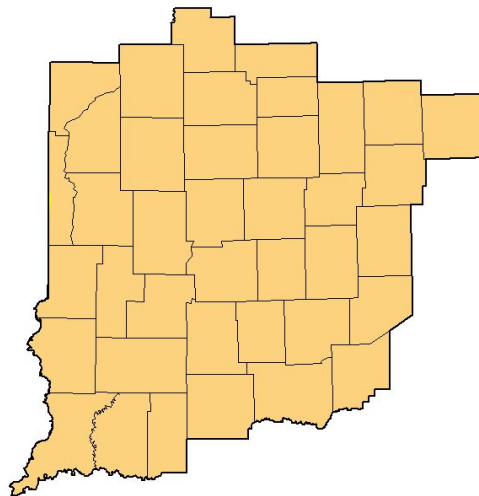


U.S. Drought Monitor

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

- MODERATE DROUGHT IN PLACE ACROSS CENTRAL INDIANA
- Drought intensity and Extent
 - D1 (Moderate Drought): All of central Indiana

U.S. Drought Monitor Indianapolis, IN WFO



October 3, 2023
(Released Thursday, Oct. 5, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.97	0.00	0.00	0.00
Last Week 09-26-2023	0.00	100.00	90.13	0.00	0.00	0.00
3 Months Ago 07-04-2023	8.45	91.55	60.02	32.34	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 10-04-2022	66.46	33.54	0.00	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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CPC/NOAA



droughtmonitor.unl.edu

Image Caption: U.S. Drought Monitor valid 8am EDT October 5.



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Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened across all of Central Indiana

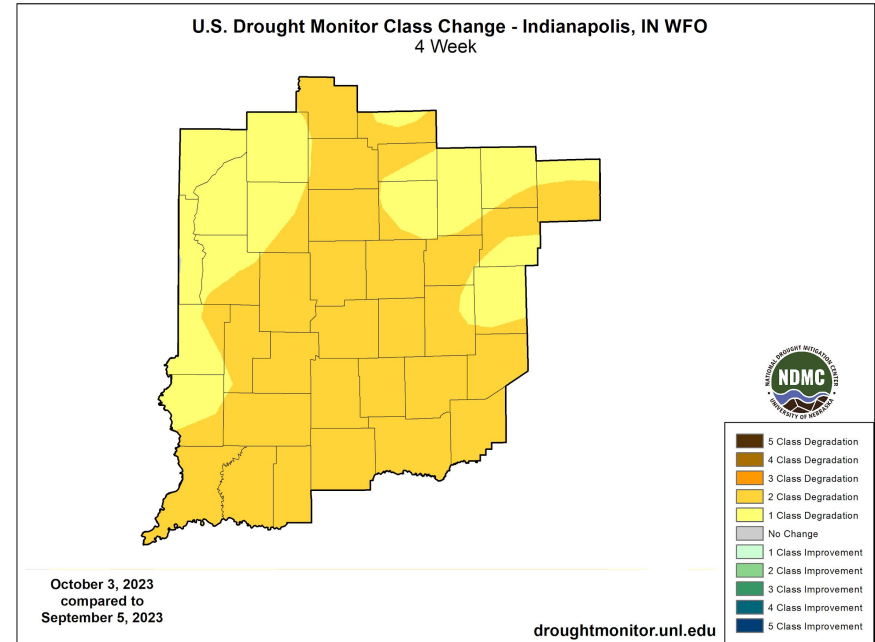


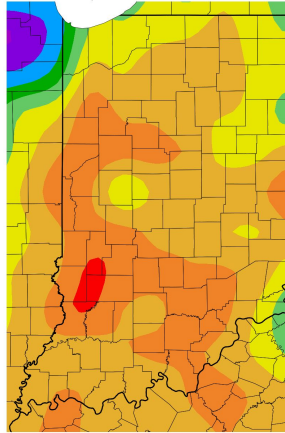
Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT October 5.



Precipitation

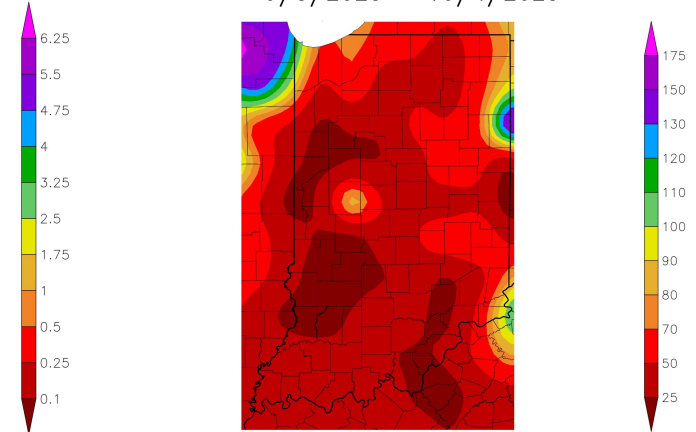
- For most of central Indiana, precipitation over the past 30 days has been less than 50% of normal, with some pockets of less than 25%

Precipitation (in)
9/5/2023 – 10/4/2023



Generated 10/5/2023 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
9/5/2023 – 10/4/2023



NOAA Regional Climate Centers 23 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 4, 2023

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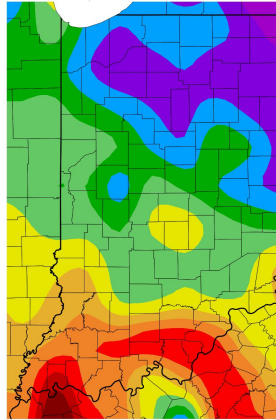
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Temperature

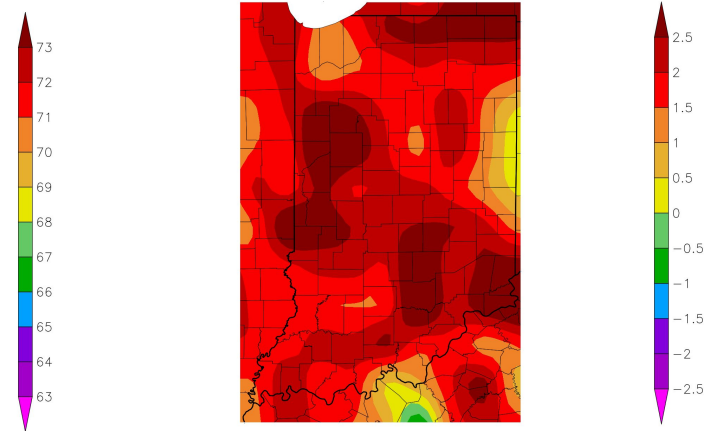
- Temperatures have run between 1.5 to over 2.5 degrees above normal over the last 30 days

Temperature (F)
9/5/2023 – 10/4/2023



Generated 10/5/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)
9/5/2023 – 10/4/2023



NOAA Regional Climate Centers ⁰²³ 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 4, 2023

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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

- Slow germination of fall cover crops
- Unirrigated double soybeans senescing
- Supplemental hay and water brought in for livestock

Fire Hazard Impacts

- Some burn bans across parts of southern Indiana
- Concerns about combine fires during harvest

Other Impacts

- Lawns going dormant

Mitigation Actions

- None reported

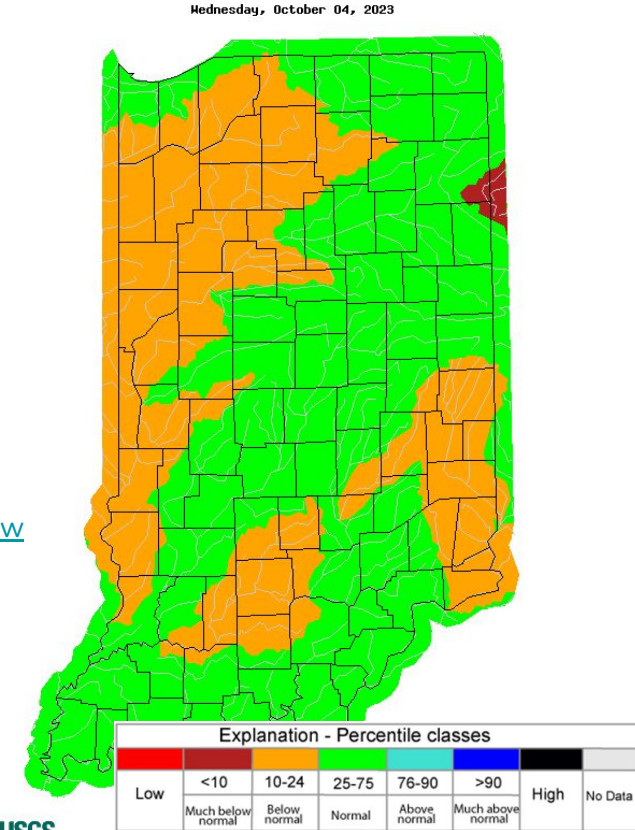




Hydrologic Conditions and Impacts

- Below normal streamflow over much of northern, western and southeastern Indiana
- Near normal streamflow over northeast and central portions of central Indiana, when viewing the percentiles, is actually below the 50th percentile and just above the 25th, but normal range shown on this map loses that detail

Image Caption:
[USGS 7 day](#)
[average streamflow](#)
[HUC map](#) for
Indiana valid
October 4, 2023





Agricultural Impacts

- Slow germination of fall cover crops
- Use of supplemental hay for feeding livestock and hauling in water for livestock
- Quicker drydown of crops

[Link to Latest Indiana Crop Report](#)

Calculated Soil Moisture Ranking Percentile
OCT 03, 2023

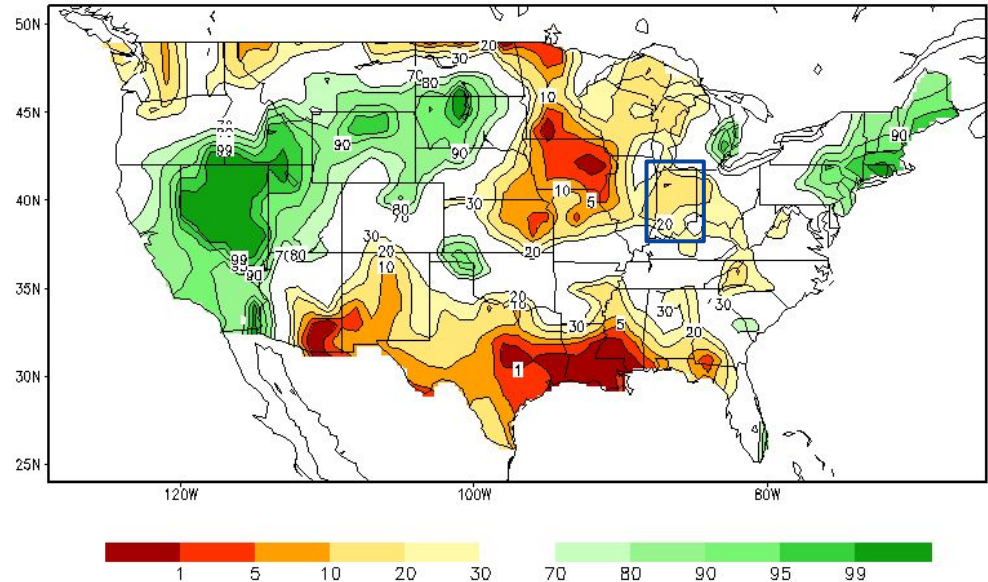


Image Caption: CPC Calculated [Soil Moisture Ranking Percentile](#) valid October 3, 2023





Fire Hazard Impacts

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

- Burn bans are in place in 8 counties across southern Indiana
- Although Indiana is not outlooked for significant wildland fire potential, combine fires during harvest are a concern

8 Counties are currently reporting active Burn Bans.



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

Please see the comments listed below by County.

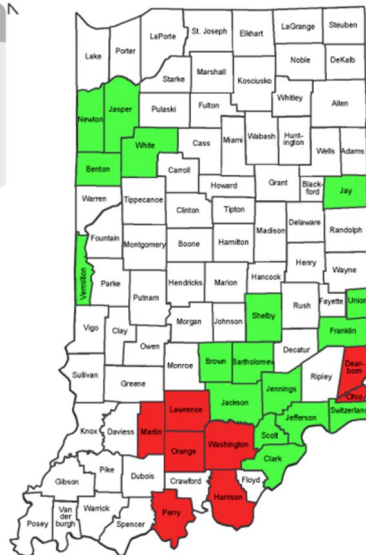


Image Caption: [Indiana County Burn Ban map](#) for October 5, 2023

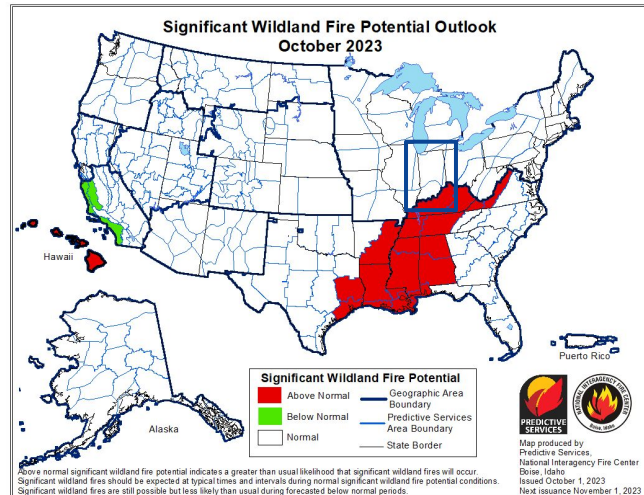


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for October 2023



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Seven Day Precipitation Forecast

- About a quarter inch to an inch of rain is expected across central Indiana over the next seven days, most of which is expected to fall by tomorrow (October 6). This could keep conditions from worsening, but is unlikely to be enough to bring much improvement.

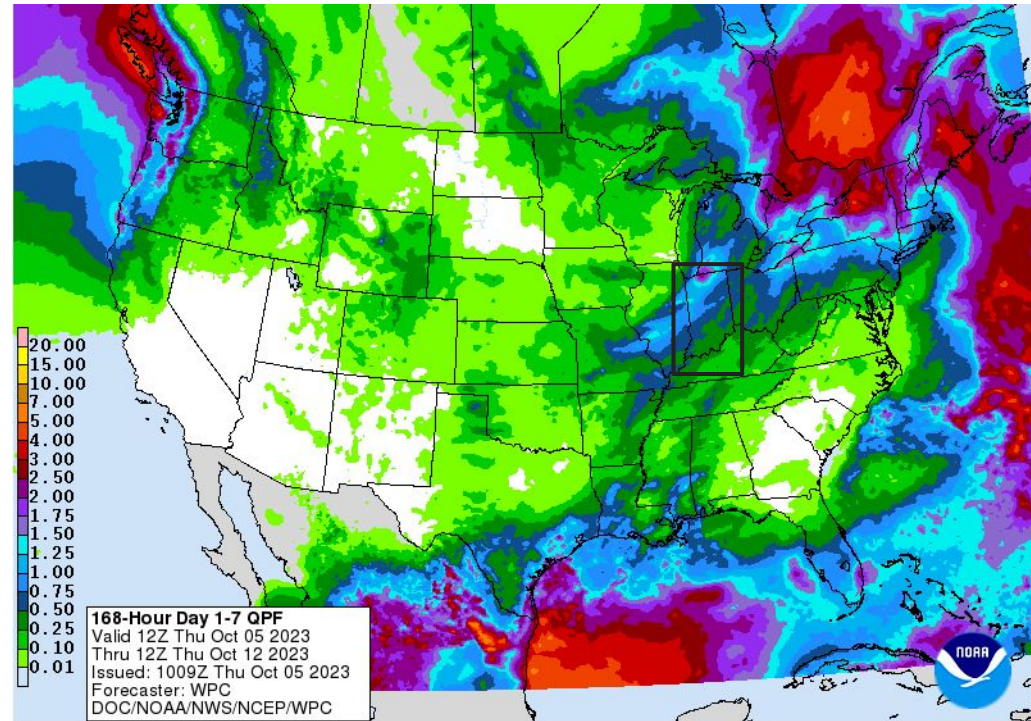


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thu Oct 5 to Thu Oct 12





Long-Range Outlooks

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

- October outlook is leaning warmer and drier than normal across central Indiana

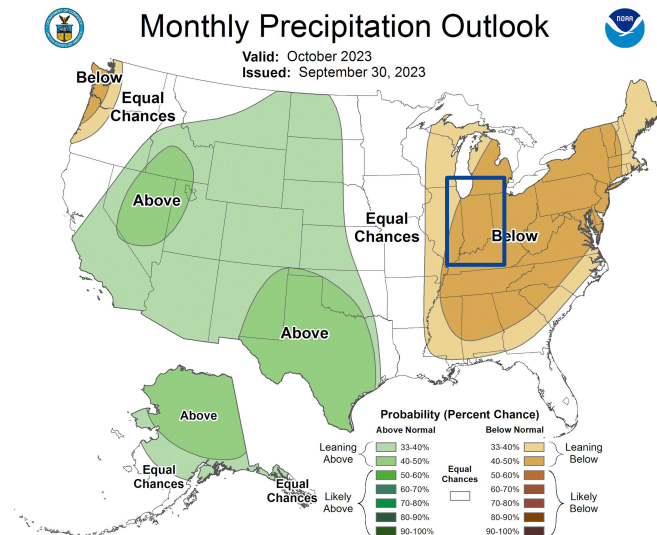
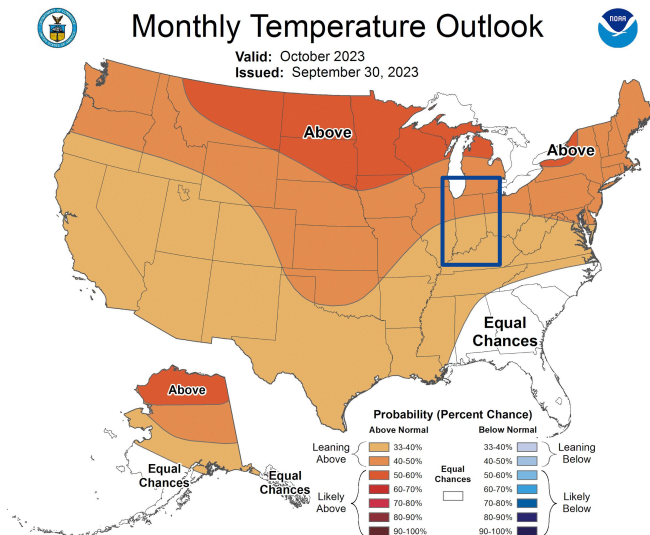


Image Captions:

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

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

Valid October 2023



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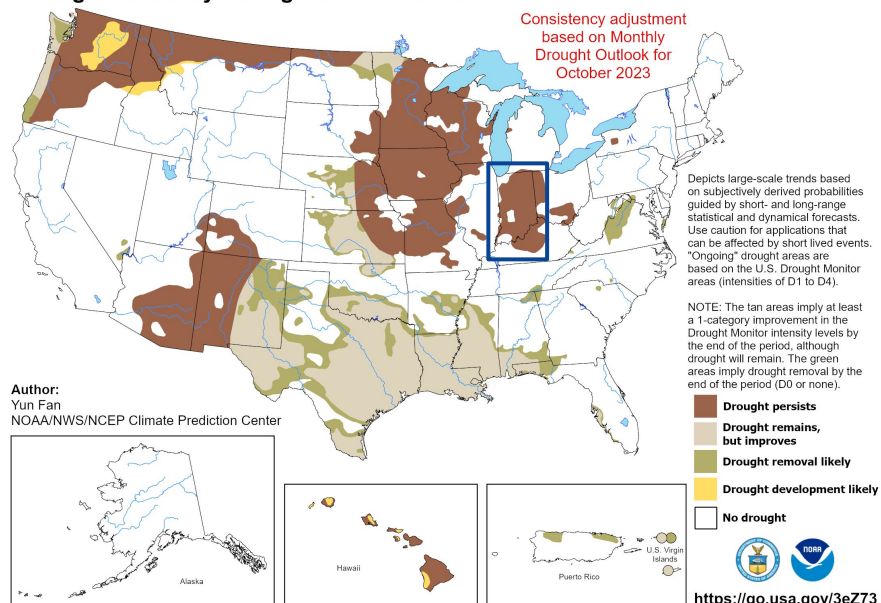
Drought Outlook

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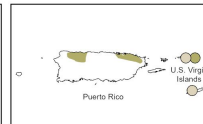
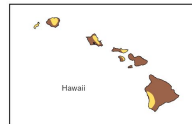
- Drought is expected to persist across the state through the month of December

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for October 1 - December 31, 2023
Released September 30, 2023



Author:
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NOAA/NWS/NCEP Climate Prediction Center



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
September 30, 2023 valid for October-December 2023



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