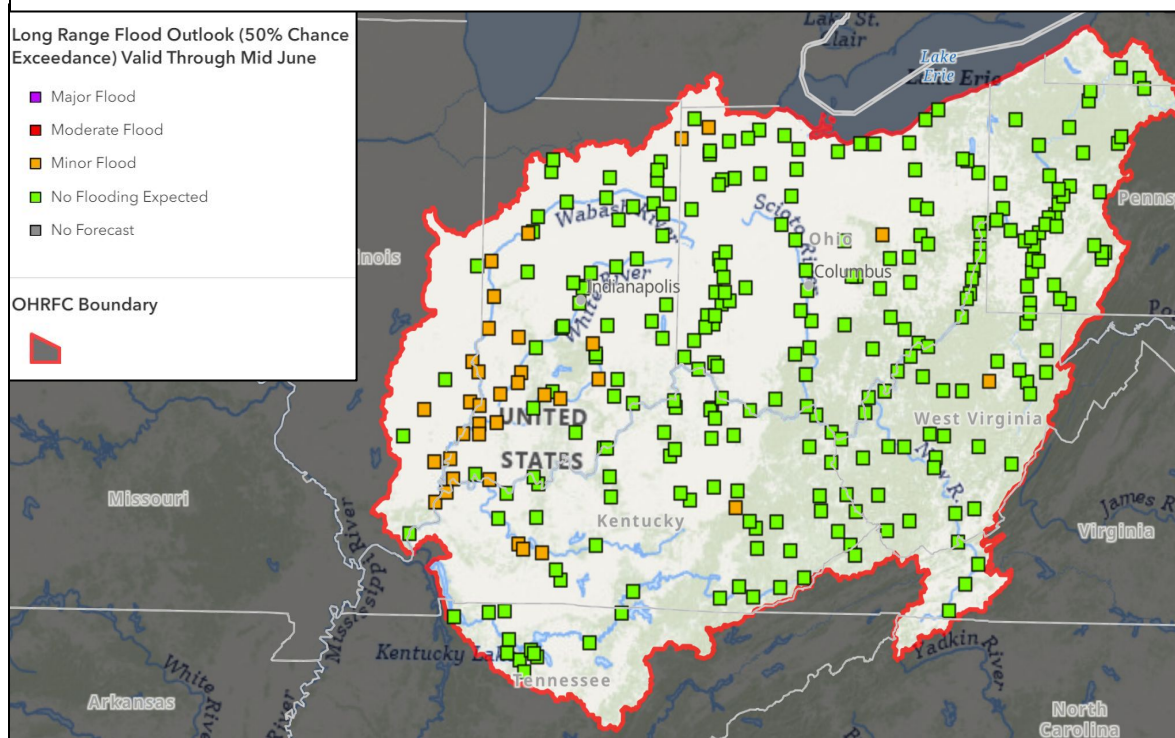


Ohio Basin Spring Hazard Outlook

Near Normal Flood Risk with Areas of Minor Flooding Expected

50% Chance of Exceedance through Mid-June 2024

Spring Flood Outlook



Flood Risk

The flood risk through spring is considered near normal south of I-70 and near to slightly below normal north of I-70. Some areas of minor flooding are expected, especially in typical flood-prone areas. Neither prolonged nor major flooding is anticipated this spring.

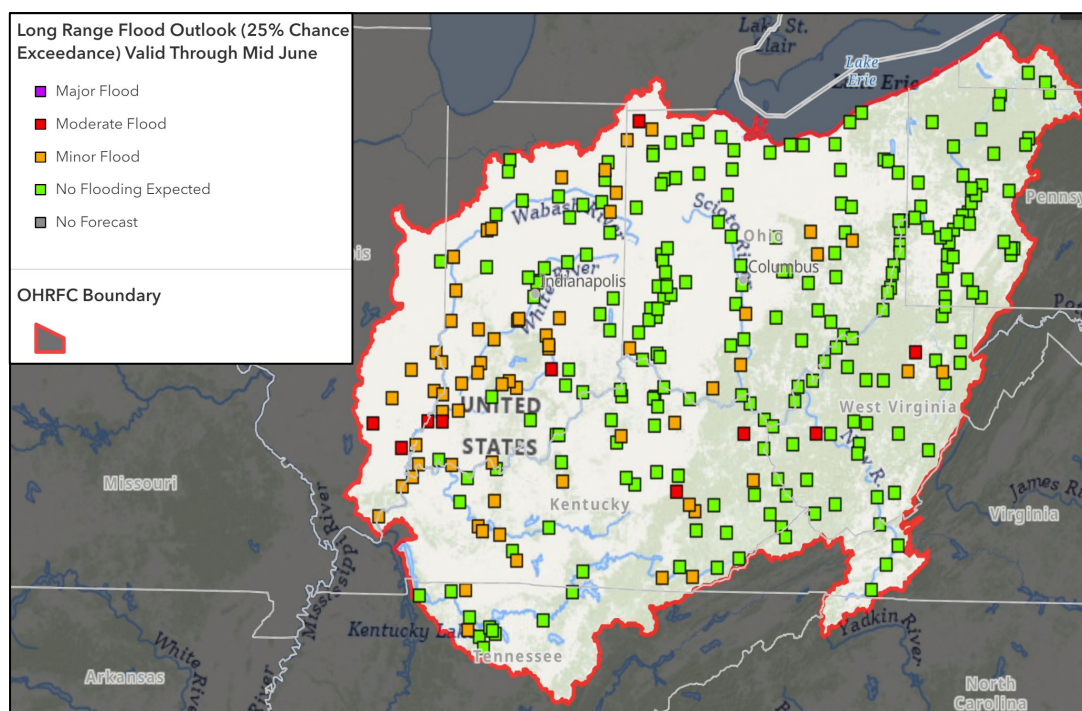
ABOVE: 90 Day Spring Flood Outlook, 50% Probability of Exceedance (valid through mid-June) (Source: [OHRFC](#))

25% Chance of Exceedance through Mid-June 2024

There is at least a 25% chance of occurrence of minor to moderate flooding this spring across parts of the southern and western Ohio Valley. Overall, there is a 5% to 20% reduction in flood risk this spring compared to historical normals.

Flood Risk Considerations

- Snow and ice will not be factors in this spring's flood risk.
- The frequency, intensity, and extent of springtime thunderstorm activity will likely drive some of the spring flood risk.

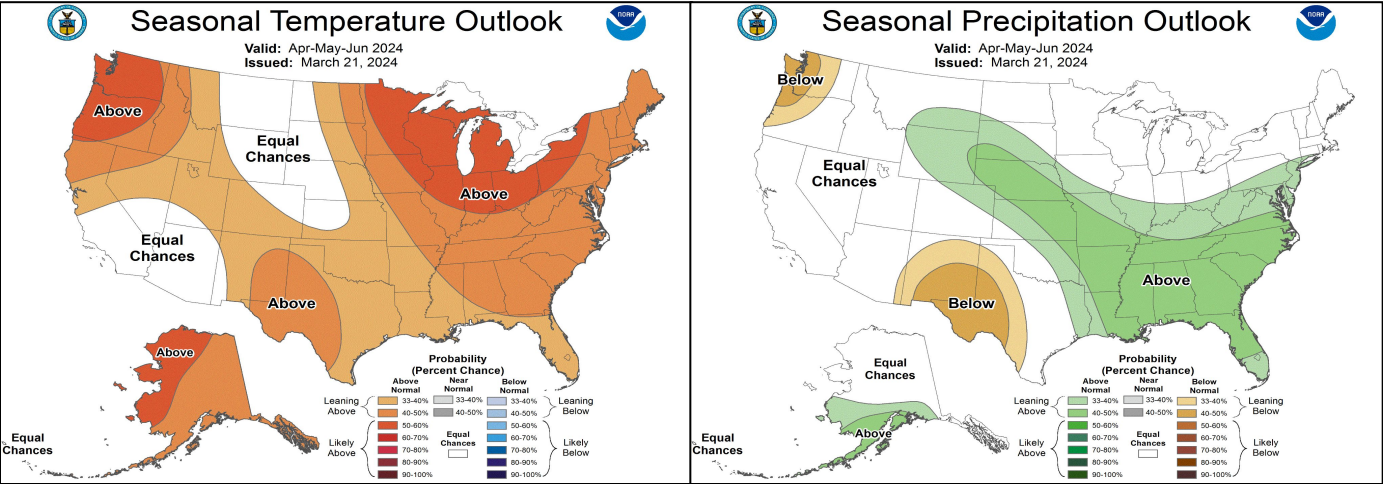


ABOVE: 90 Day Spring Flood Outlook, 25% Probability of Exceedance (valid through mid-June) (Source: [OHRFC](#))

April-May-June Temperature and Precipitation Outlook

A transition from El Niño to ENSO-neutral is likely by the April through June period. These ENSO-neutral conditions are favored to transition toward a developing La Niña by this summer. The current seasonal temperature and precipitation outlooks reflect a blend of ENSO model guidance, model trends, and soil moisture, as applicable.

The spring outlook for April through June 2024 favors increased chances for warmer than normal conditions across the entire basin. As for precipitation, the outlook favors equal chances for above, below, or near normal precipitation across northern portions of the basin with wetter than normal conditions slightly favored across southern parts of the basin.



LEFT: Temperature and Precipitation Outlooks for the 3-month period of April through June 2024. (Source: [CPC](#))

Flood Impact Information

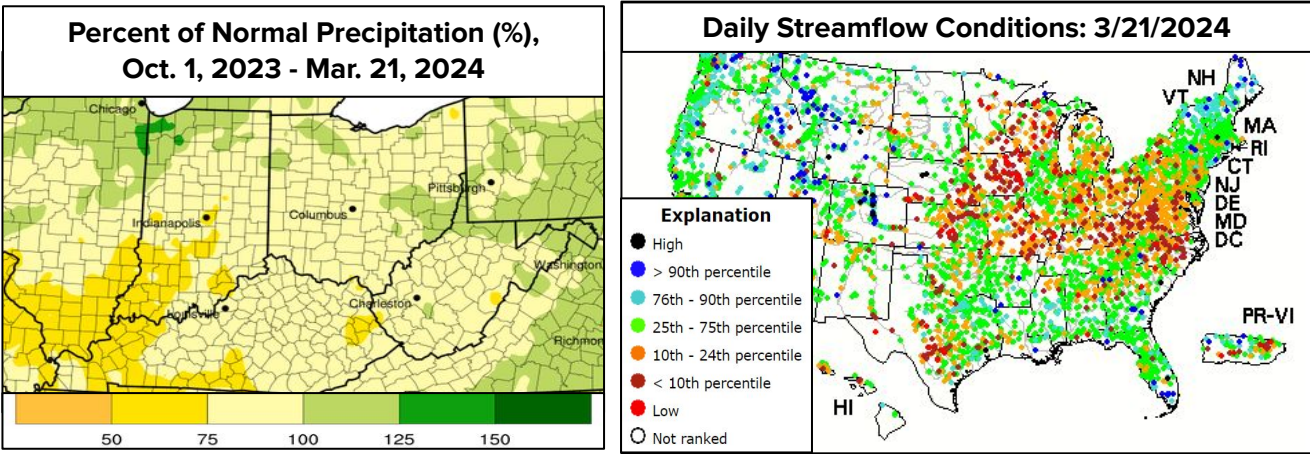
Due to the potential for minor flooding, keep in mind:

- Floodwaters can contain chemicals, sewage, and disease.
- Water depth can change unexpectedly (i.e., storm drainage issues).
- Increased risk for basement flooding in homes or businesses near rivers and low-lying areas.

Agricultural Information

The spring outlooks across the basin suggest the following potential agricultural impacts across parts of the basin:

- Earlier than average crop planting may be possible.
- The warm winter and early chill accumulation may leave perennials (ex: tree fruits, berries, and wine grapes) at risk from freeze.



LEFT: Percent of 1991-2020 Normals Precipitation from Oct. 1, 2023 to Mar. 21, 2024. (Source: [MRCC](#))

RIGHT: Daily Streamflow Conditions (Source: [USGS](#))

For more information visit:

Local Forecast – [weather.gov](#)
Long-Range Outlooks – [cpc.ncep.noaa.gov](#)
River Forecasts – [water.weather.gov/ahps/forecasts.php](#)

Weather & Climate Data – [ncei.noaa.gov](#)
Fire Outlook – [nifc.gov/nicc](#)
Drought Information – [drought.gov](#)
Agricultural Outlook – [usda.gov/oce/ag-outlook-forum](#)
Streamflow Data - [https://waterwatch.usgs.gov/index.php?id=ww](#)

