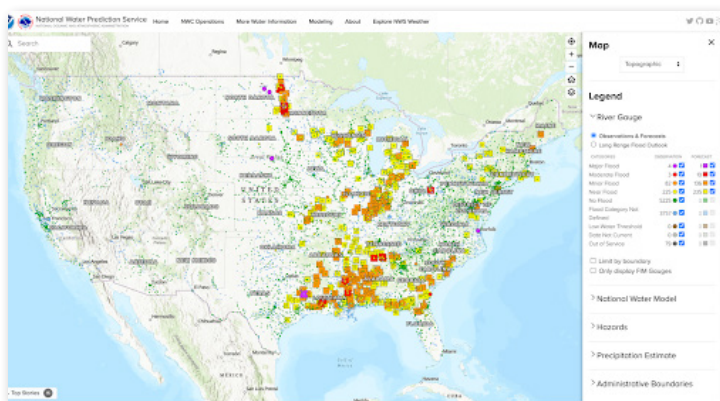


NWS Water Resources Information on the Web

The one-stop shop for all water resources information including forecasts, data, and water services on the web is NOAA's National Water Prediction Service (NWPS) website found at water.noaa.gov.

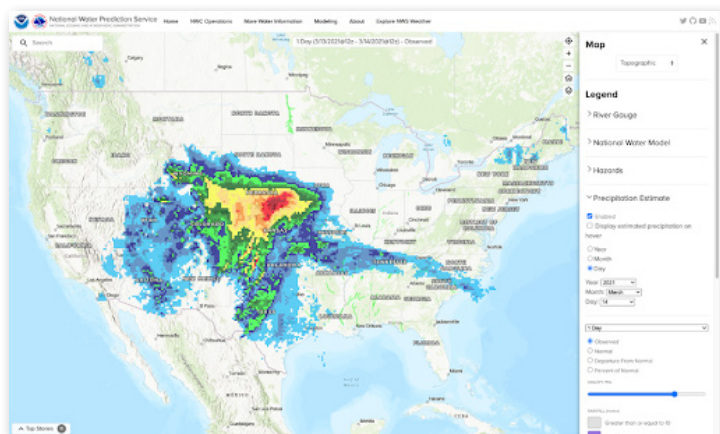
National Map

A national map defaults to displaying river observation and forecast locations which are color-coded according to the flood status of their most recent river stage or streamflow observation and maximum river stage or streamflow forecast through the entire period.



Precipitation

Users may access short-term observed and climatic trends of precipitation across the conterminous United States, Puerto Rico and Alaska.

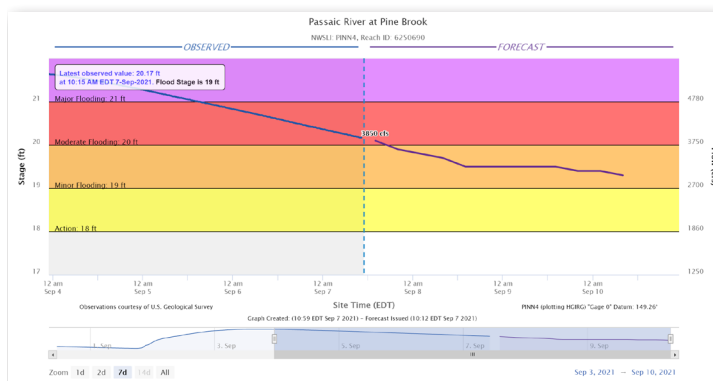


Hydrographs

The hydrograph depicts recent stage and/or streamflow observations, and for many locations, an official forecast for the next few days.

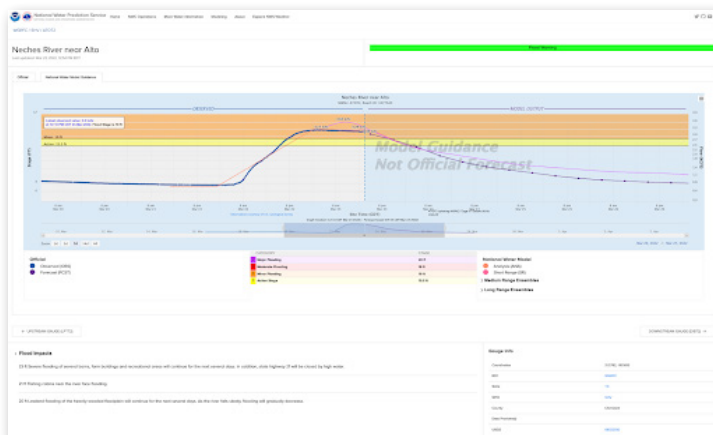
Hydrograph with Official Forecast

The hydrograph with the official forecast can include flood impacts, gauge info, gauge location, recent crests, gauge photos, probability information, a list of collaborative agencies, and other resources.



Hydrograph with National Water Model Guidance

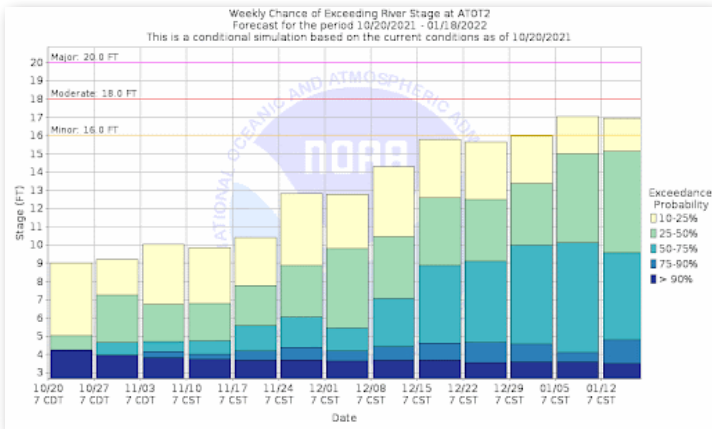
Users can choose to toggle on and off the types of NWM streamflow guidance including Analysis, Short-Range, Medium-Range Ensembles, and Long-Range Ensembles.



Deterministic and Probabilistic Forecasts

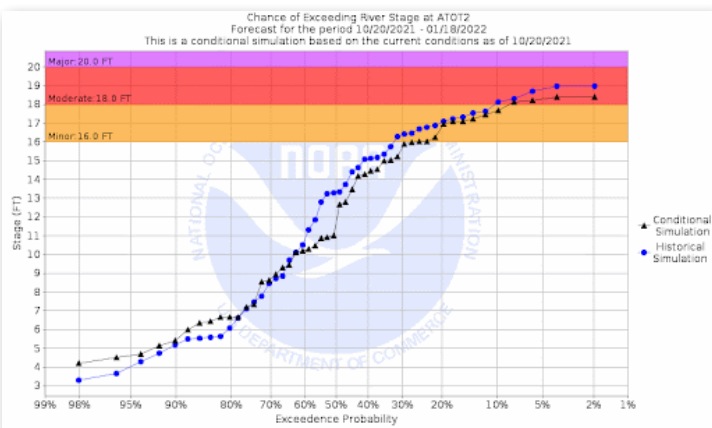
Weekly Chance of Exceeding Levels

This graphical product shows the probability of the maximum stage, flow, or volume exceeding a particular value for consecutive 7-day periods in a 90-day interval.



Chance of Exceeding Levels during Entire Period

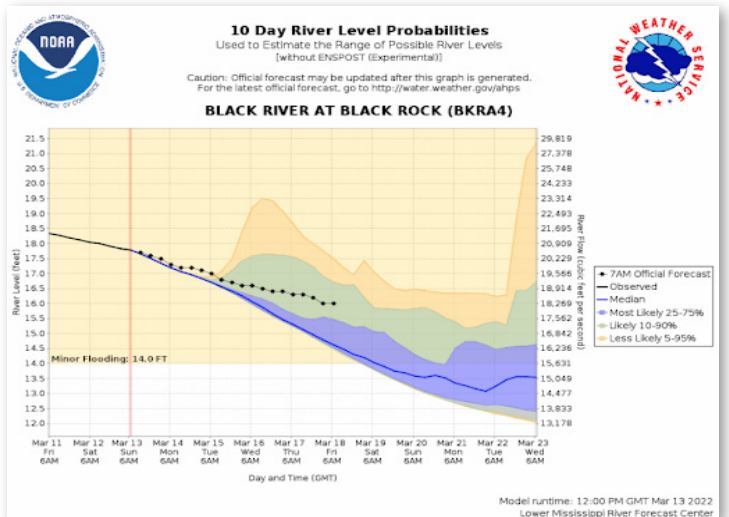
This graphical product shows the probability of the river stage, flow, or volume going above various levels during the forecast period labeled above the graph (usually 30 or 90 days).



Scan the QR code to learn about how these resources were modernized.

Short-term Probabilistic Guidance

This graphical product depicts short-range river forecast uncertainty and conveys the range of possible river stages and flows at each forecast timestep. These possibilities are shaded using different categories of forecast probability, ranging from most likely to less likely, and are derived from ensemble river forecasts produced by NWS River Forecast Centers.



Flood Inundation Maps

The inundation mapping interface provides information on the spatial extent and depth of floodwaters in the vicinity of NWS forecast locations. This feature is available for NWS forecast points where data sets known as flood inundation libraries have been developed through partnerships with federal, state, and local agencies. It provides the ability to view inundation levels at various stages and the minor, moderate, and major flood categories. From this interface, users can also view maps of observed or forecast inundation levels based on current NWS river forecasts.

