Chehalis River Basin Flood Authority Flood Warning System 2023-24 Flood Season Preparation

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Preparation

- Fall gage maintenance
- Updating high water alert data base
- Expand the forecast high water alerts

Chehalis River at Centralia is forecast to rise above flood stage approximately <data_value> Hours from <data_time>.

*Note: There is uncertainty in the river forecast due to the uncertainty in the rainfall forecasts.

The time of flooding may happen sooner or be more severe than indicated.

The forecast can be found at the link below https://water.weather.gov/ahps2/hydrograph.php?wfo=sew&gage=cenw1



High Water Alert Dashboard



Flood Warning System Gage Alert Program

Sign-ups by Flood Season

Operating Cost



<u>About</u>

This Data Dashboard provides information about the Flood Authority's Flood Alert Program, including tools to search, select, monitor, and sign-up for email flood alerts from select Chehalis Basin river gages.

Select

Use the select tool (below) to select one or more flood alert gages. [Note: When a selection is made, the map automatically zooms to the selected gage(s).]

Search

Click the gage icons on the map to review information about flood alert gages near you. Click the reset button to clear your selection and the home button to reset the map.

Monitor

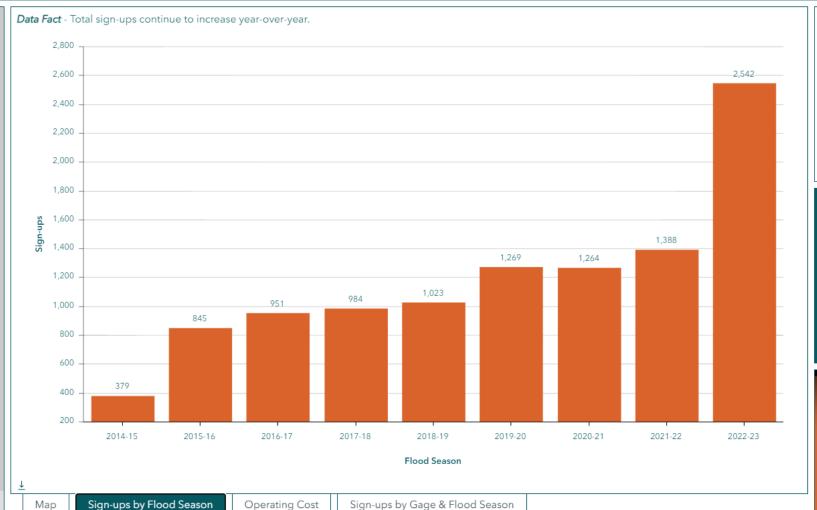
Click the tabs below the map to monitor flood alert sign-

Sign-up

Click "Sign-up Today" (below) to sign-up for email flood

Be Aware, Be Prepared Sign-up Today!





Sign-ups by Gage & Flood Season

Community Sign-ups 2,542 from 1,388 183% change from previous flood season Last update: 4 minutes ago

Operating Cost = \$36 per sign-up -39% from previous flood season

Last update: 4 minutes ago



NWS River Forecast Improvements

- Lower Chehalis River (Porter to coast)
- Skookumchuck Reservoir
- NWS Flood Inundation Mapping Nationwide by 2026
 - National Water Model (NWM) Latest Inundation
 - NWM 5-Day Maximum Inundation Extent
 - River Forecast Center 5-Day Maximum Inundation



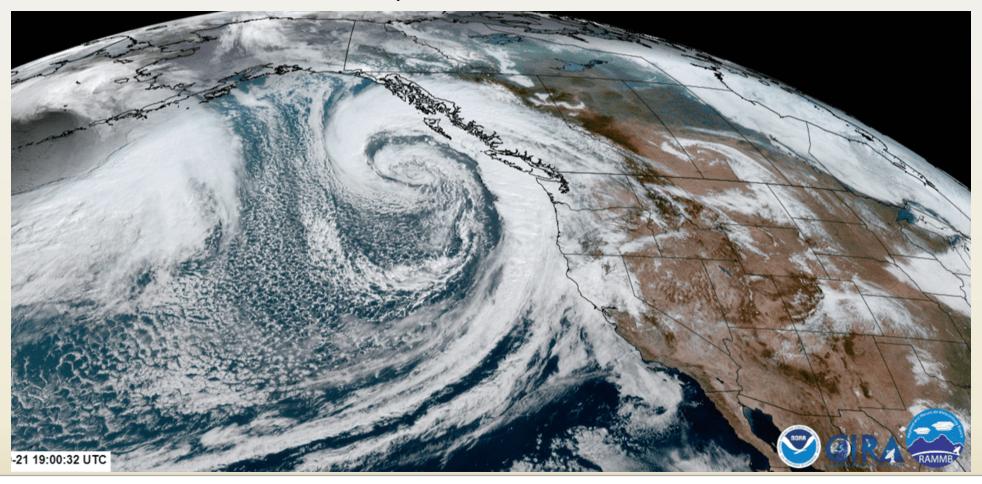
Flood Inundation Mapping Implementation





Upcoming Webinar 10/25/2023

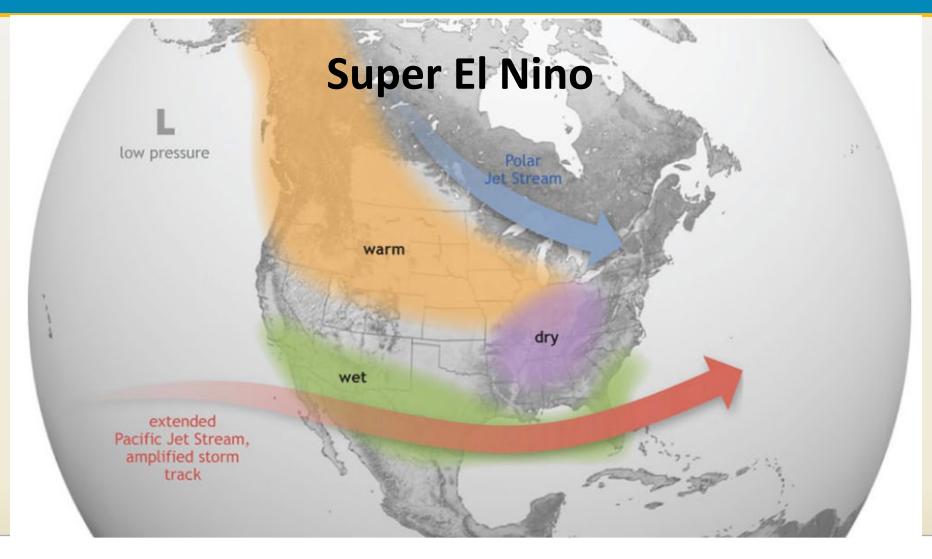
Atmospheric River Webinar





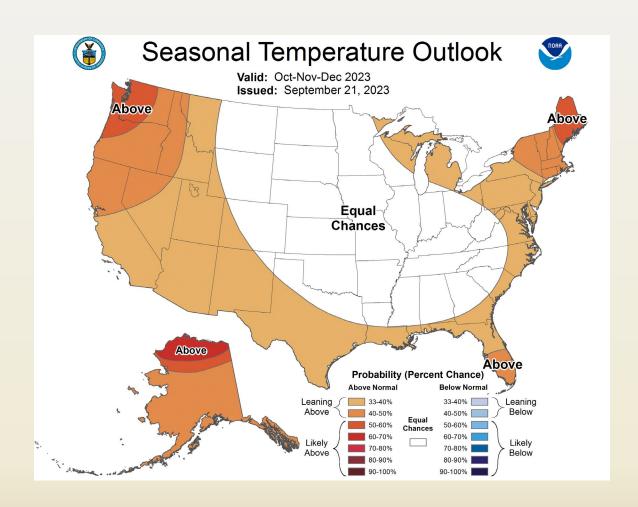
Also note: 10/19/2023 Lewis county annual flood meeting

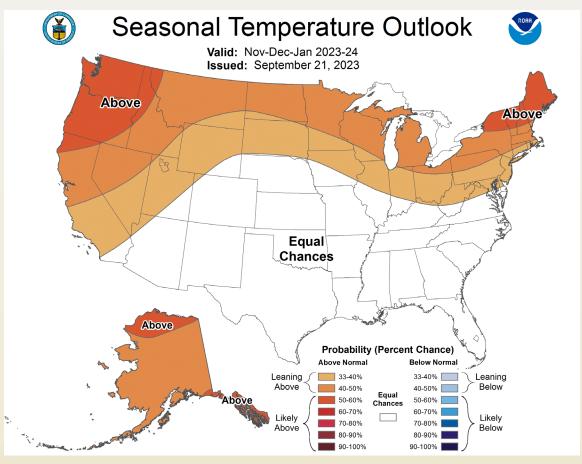
2023-24 Winter Outlook





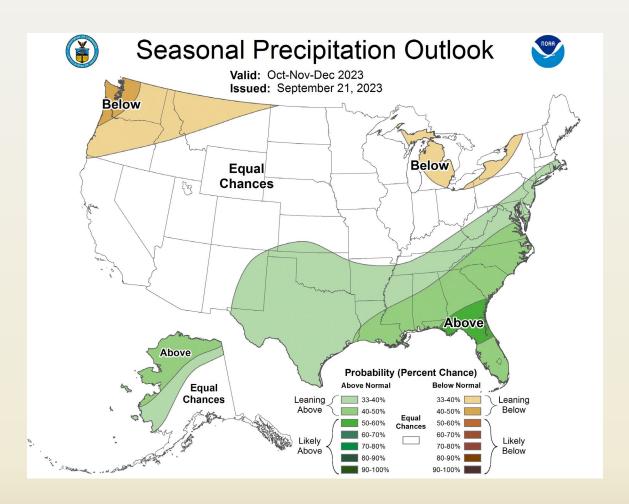
2023-24 Winter Outlook

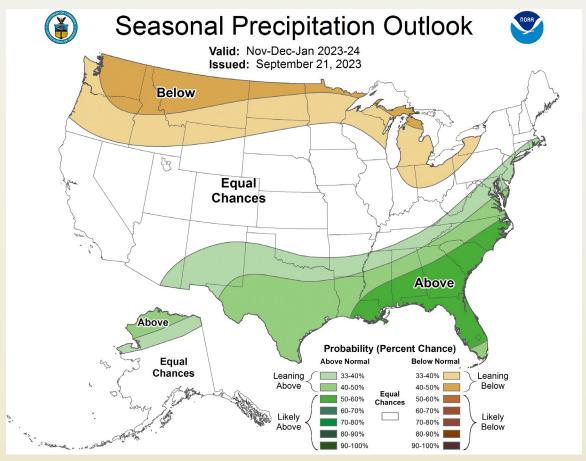






2023-24 Winter Outlook







New Faces



Jeff Budnick
Field Operations



Andreas Kammereck VP WEST Consultants



Cheryl Vincent Project Manager



J. Paul Rinehimer Project Manager



Peter Regan Staff Engineer





