

Chehalis River Basin Flood Warning System

Potential Impacts of Federal Uncertainties

WEST Consultants

David C. Curtis, Phd, PH

Sr. Technical Advisor

March 20, 2025

Reports of Stormy Weather Ahead





34° F
Fog
Observed from
Chehalis-Centralia Airport

The Chronicle

Division of CT Publishing

News ▾ Sports ▾ Life Opinion ▾ Obituaries ▾ Advertising ▾ Podcasts ▾ Subscribe ▾ Send Us News ▾



NEWELL-HOERLING'S
MORTUARY



CARING • EXPERIENCED
PROFESSIONAL • FAMILY-OWNED
Services • Cremations • Headstones • Pre-Planning & More
360-736-3317 • 205 W Pine St, Centralia, WA 98531

We're
YO
DES

Amid mass NOAA firings, U.S. Sen. Murray delivers grim forecast: 'Dark clouds coming'



The ROOF DOCTOR
"WE MAKE HOUSE CALLS"

Family Owned Since 1984

Up to \$1000
Any New Roof
1500 Sq Ft or More

Complete Roof
Solution

- New Roofs & Re-Roofs
- Metal Roofing
- Roof Repair
- Emergency Roofing
- Roof Cleaning



To Find A Location Near You

NOAA's Storm Prediction Center facility among planned DOGE cuts



Environment

Four ways cuts at NOAA will make weather forecasts less reliable

Widespread firings at the US National Oceanic and Atmospheric Administration could affect everything from tornado alerts to weather forecasts on your phone

By [James Dinneen](#)

 7 March 2025

The Daily World



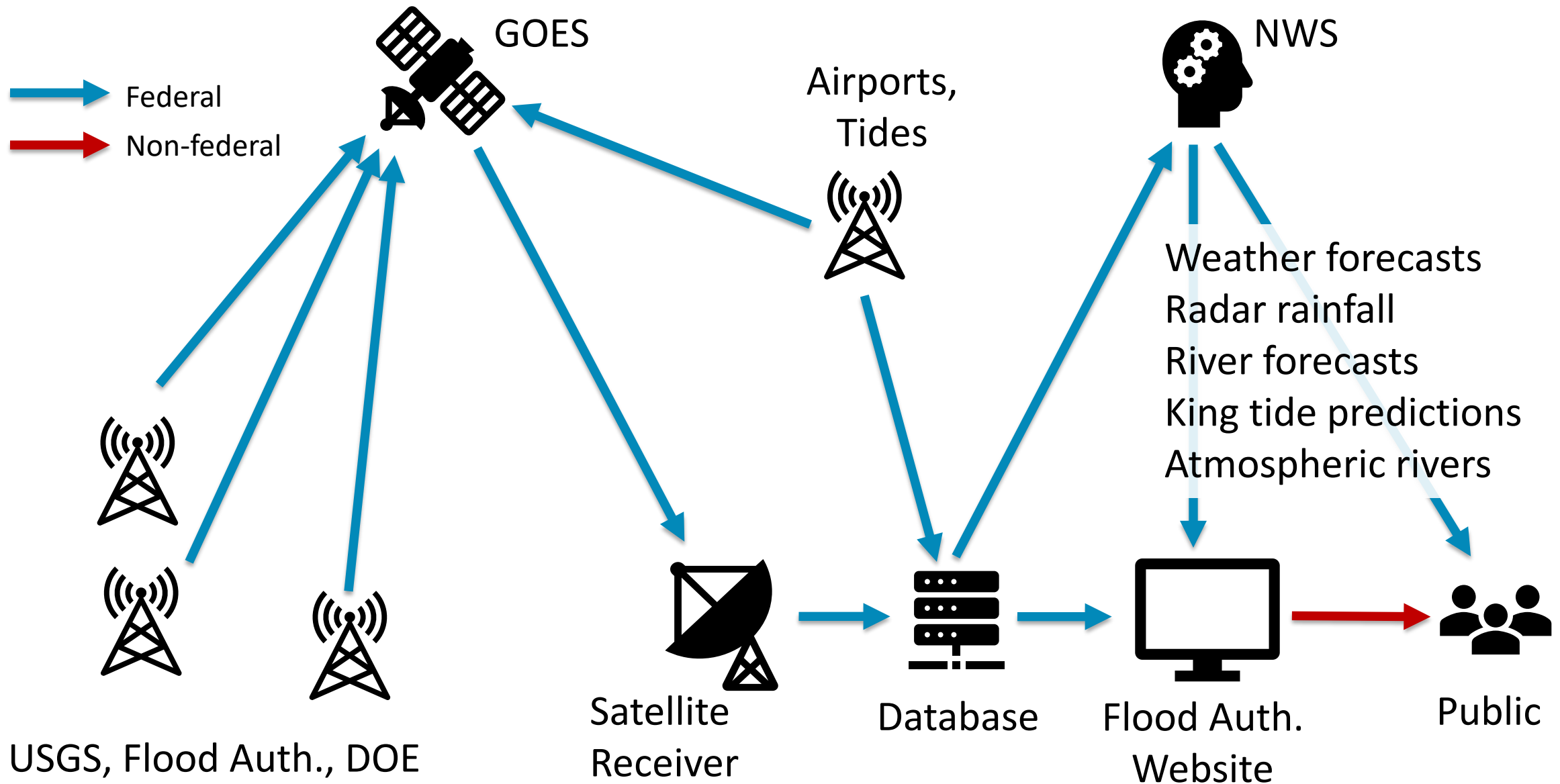
NEWS

Northwest's water outlook gets murky with federal cuts

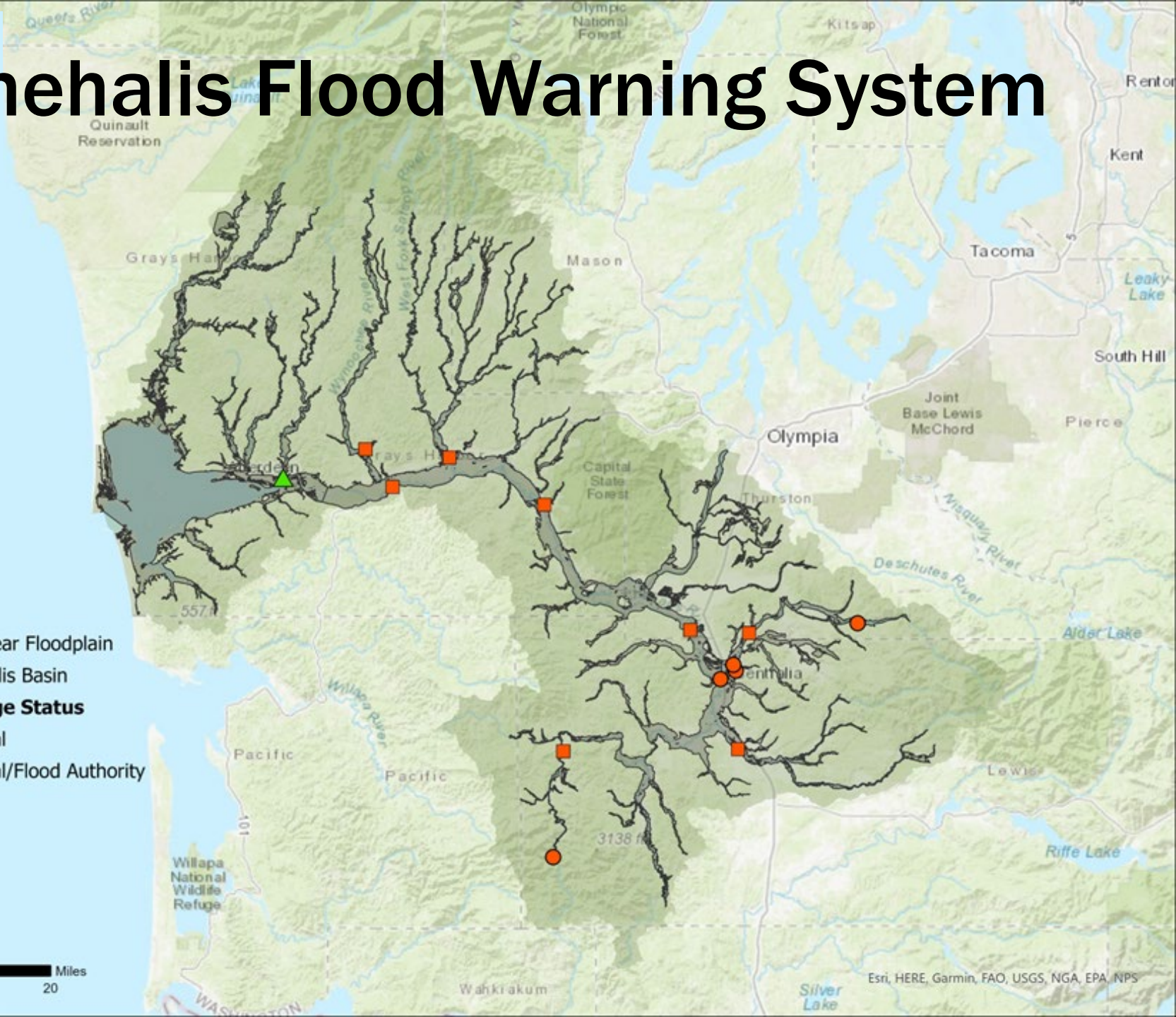
By John Ryan KUOW • March 13, 2025 1:30 am

As NOAA braces for more cuts, scientists say public safety is at risk

Federal Links to Chehalis Flood Warning System



Chehalis Flood Warning System

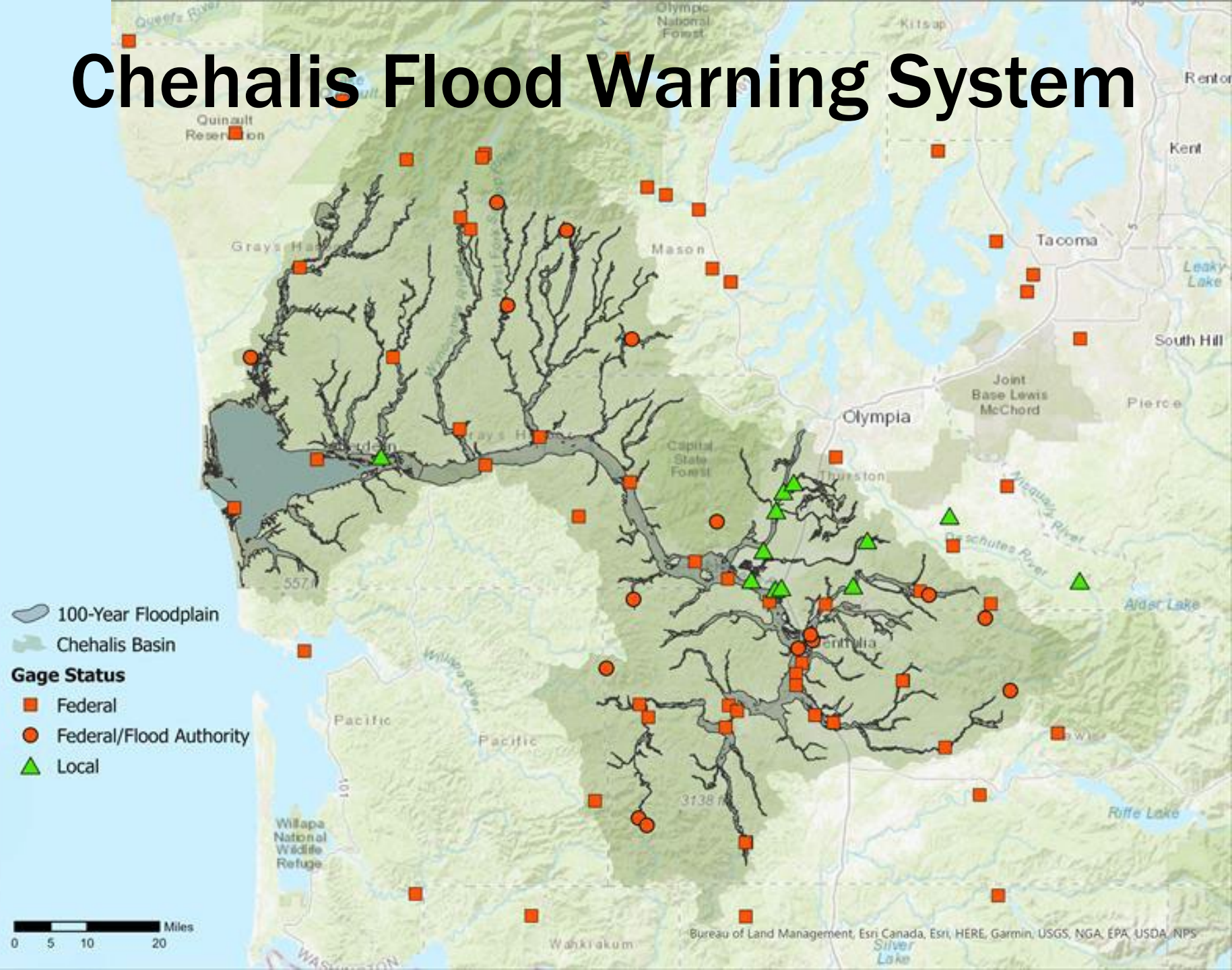
- 
- The map displays the Chehalis River basin, which is shaded in light green. The 100-year floodplain is indicated by a greyish-blue outline. The river network is shown in dark grey, with major tributaries like the Willapa, Grays Harbor, and Deschutes rivers labeled. Gage stations are marked with symbols: orange squares for Federal, orange circles for Federal/Flood Authority, and a green triangle for Local. The local gage is located near Grays Harbor. The map also shows surrounding areas like the Quinault Reservation, Olympic National Forest, and various cities including Tacoma, Olympia, and Thurston. A scale bar at the bottom left indicates distances in miles (0, 5, 10, 20).
- 100-Year Floodplain
 - Chehalis Basin
 - ALERT Gage Status**
 - Federal
 - Federal/Flood Authority
 - Local

0 5 10 20 Miles

Chehalis Flood Warning System

Supporting Gages

- 90 sites
- 88% Federally owned/linked
- Not Federally linked
 - Aberdeen*
 - Thurston County



National Weather Service Seattle - Public Zone Reform

National Weather Service implemented a reconfiguration to the public zones for western Washington on March 19, 2025.

NWS Seattle, WA
March 19, 2025

[Click here for more information](#)



Old Forecast Zones



New Forecast Zones



And the Forecast is...

Unsettled Weather Ahead



This Storm Will Pass (Hopefully)



Questions