



January 2022 Peak Flood Stages

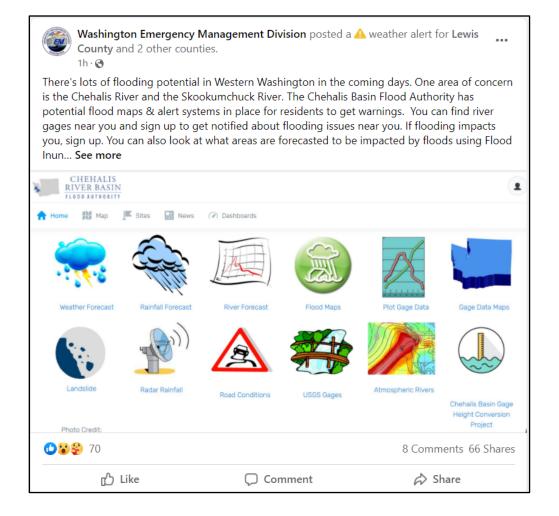
- Record
- Newaukum near Chehalis
- Major
 - Skookumchuck near Bucoda (near record)
 - Chehalis River at Porter
 - Chehalis River at Grand Mound

- Moderate
 - Chehalis at Centralia (near major)
 - Satsop near Satsop (near major)
 - Skookumchuck at Centralia

- Minor
 - Chehalis near Doty



3rd Party Posts





FLOOD AUTHORITY

If you're trying to decide to stay or go, this tool might be able to help inform your decision. The image below reflects the best projection as to what areas will be flooded if the Skookumchuck River at Centralia reaches 192.4 feet. It is projected to reach 193.1 feet.

Check out predictions in this Chehalis River Basin Flood Authority online tool here: http://chehalisriverflood.org/

Disclaimer from the site: Inundation maps show estimated areas of flooding associated with river stages reported or forecast at National Weather Service forecast points. These maps are prepared in advance using assumed storm conditions. The exact extent of flooding during an actual event for an observed or forecast elevation may vary due to specific local storm conditions.

Flood Inundation Maps

Select a gage location: Skookumchuck River at Centralia V Skookumchuck River at Centralia, WA Current NWS Forecast 185.73 ft 1/6/2022 5:00 PM (observed value) River Stage (ft) 184.4 185.4 186.4 187,4 188.4 189.4 190.4 191.4 192.4

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User Survey – High Water Alerts Positives Needs Improvement

- So that I know when the water is high even if I'm not aware that flooding is possible.
- I manage the Chehalis-Centralia
 Airport and I need to be kept up
 to date on events related to
 flooding.
- I'm a school superintendent. We have to decide on the safe passage of students.
- Friends and family in the area

- Need earlier alerts. (NF Newaukum)
- Accuracy of the forecasts and accuracy of the gauges.
- Send alerts more frequently.
- Need specific street locations
- More user-friendly visuals

User Survey – Inundation Maps

Positives

- These are invaluable when planning a response.
- They provide a visual representation of where problems are and are anticipated.
- Ability to assess potential damage areas.
- Great estimation of current flooding
- Great record of past floods
- It was very nice to see the information and plan safety routes

Needs Improvement

- The map could use finer detail around the levee at the Chehalis-Centralia Airport.
- A gauge closer to my home would be helpful in predicting more accurately what has flooded and when to expect
- I wish I could type in various addresses to see those areas in particular.
- Need specific street locations
- More user-friendly visuals
- Update maps

MASTER PLAN 2022-2027

- Hydrometeorological Monitoring
 - Review current network
 - USGS gauge network
 - Snow monitoring
- Flood Forecast and System Warning System Improvements
 - Improved modeling for the Chehalis River from Grand Mound to Grays Harbor
 - Improved warning times for spill from Skookumchuck Reservoir
 - Review inundation mapping needs
 - Identify website improvements
 - Outreach and social media

WebCams



Images limited to daylight hours.

Mynoochee River at Montesano, WA





2022-09-14 15:47:04

Images provided throughout the day. Chehalis River at Centralia, WA Latest A Company of the C

Looking at downstream face of Heron St. bridge

Mishkah River at Aberdeen, WA





2022-09-14 15:48:07

Looking at Wishkah River staff gage

Looking upriver at Mellen Street bridge

Mishkah River at Aberdeen, WA - zoomed



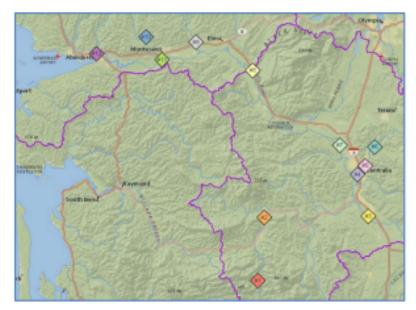


2022/23 Flood Season: Flood Warning System Email Alerts Sign-Up Today!



Chehalis River Basin Flood Warning System sends automatic email alerts about rising river levels at the following gage sites:

- #1 Chehalis River below Thrash Creek -- https://bit.ly/2JVSzuj.
- #2 Chehalis River near Doty -- https://bit.ly/38HTeKq.
- #3 Newaukum River near Chehalis -- https://bit.ly/3pzrmhF.
- #4 Chehalis River at Centralia -- https://bit.ly/2lq8SPW.
- #5 Skookumchuck River at Centralia -- https://bit.ly/3plawO2.
- #6 Skookumchuck River near Bucoda -- https://bit.ly/2H3IATY.
- #7 Chehalis River near Grand Mound -- https://bit.ly/36zBoq1.
- #8 Chehalis River at Porter -- https://bit.ly/3ktep4Y.
- #9 Satsop River near Satsop -- https://bit.ly/2Us4emC.
- #10 Wynoochee River near Montesano -- https://bit.ly/32HnuB3.
- #11 Chehalis River near Montesano -- https://bit.ly/36CL9Ed.
- #12 Wishkah River at Aberdeen -- https://bit.ly/3w63JR8.



(Click here to open Gage Alerts Map.)

Updates

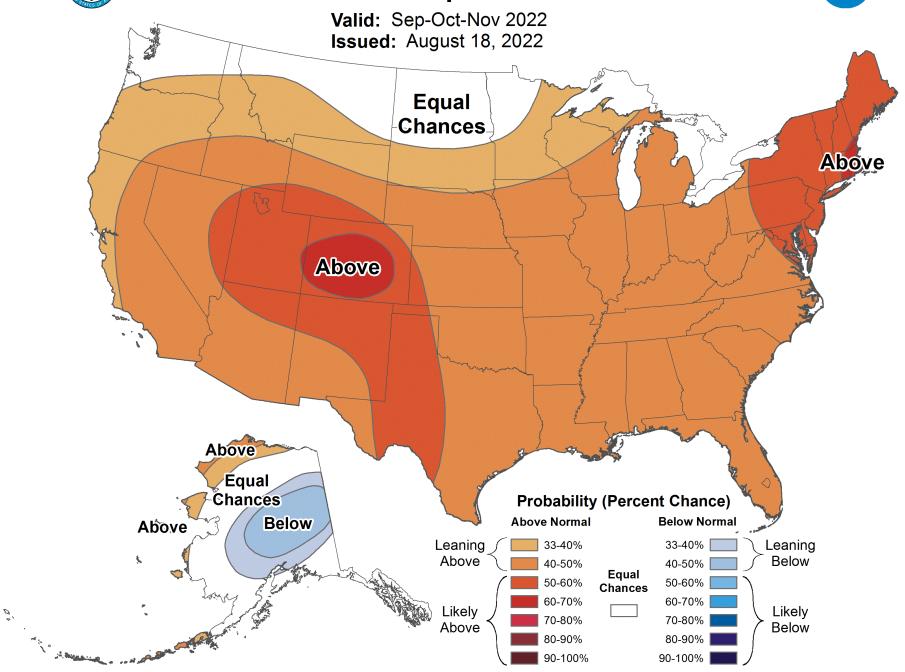
- China Creek Gauge
 - Equipment on order
 - Rating curve
- Flood Warning System Orientation Webinar
 - Chehalis Basin Strategy Coordination
- Gauge Relocations
 - Newaukum rain gage will be moved this fall
 - Chehalis River below Thrash Creek gauge
- 2023 O&M Costs





Seasonal Temperature Outlook







Seasonal Precipitation Outlook



