

Scott Boettcher

From: Scott Boettcher
Sent: Friday, November 1, 2019 3:16 PM
To: VRaines@co.grays-harbor.wa.us; Dee Anne Shaw; Frank Chestnut; Brian Shay; Dan Wood; oakvillepublicworks@gmail.com; Edna.Fund@lewiscountywa.gov; 'colronjanaverill@comcast.net'; Trent Lougheed; oneillsm@dshs.wa.gov; Lonnie Willey; Tye Menser; counlyle@scattercreek.com; Darrin Raines; Mayor Vini Samuel; J. Vander Stoep; Lee Napier; Pat Anderson; Jay Gordon
Subject: Competition re Flood Warning System
Attachments: 2019-20 Flood Warning System Gage Alerts 10-15-2019.pdf

Flood Authority Members and Alternates – Your Executive Committee had a call today regarding 2020 Flood Warning System annual O&M costs. On the call a friendly wager was made between Lewis County, Grays Harbor County and Thurston County. The wager is which county can generate the most number of new Flood Warning System email alert sign-ups between now (11/01/2019) and 1/01/2020. Our goal is 1,500 sign-ups (we had 1,037 last year). You can help your county by also reaching out to those you know and those you think might be interested. You can also post to your Facebook and Instagram social media accounts. I will be reaching out to churches, schools, and utilities. Below is a message you can use as a starter to tailor your own message, as well a link to information on how to sign-up. Thanks for your assistance, and maybe your county will win! 😊
Scott

Dear **name**:

I am contacting you to raise your awareness of the Chehalis River Basin Flood Warning System (www.chehalisriverflood.com) and would like to ask that you consider signing-up and sharing this information with others.

The Chehalis River Basin Flood Warning System provides an email alert flood notification program. The email alert flood notification program allows individuals and organizations to sign-up to receive automatic email alerts from select river gages once those river gages reach elevated and potentially threatening flood levels. The Chehalis River Basin Flood Warning System is one way the Chehalis River Basin Flood Authority is working to ensure Basin residents are flood aware and flood prepared.

Click on the following link for information on how to sign-up for email flood alerts:
<https://www.ezview.wa.gov/Portals/1492/images/2019-20%20Flood%20Warning%20System%20Gage%20Alerts%2010-15-2019.pdf>

Thank you for your consideration.

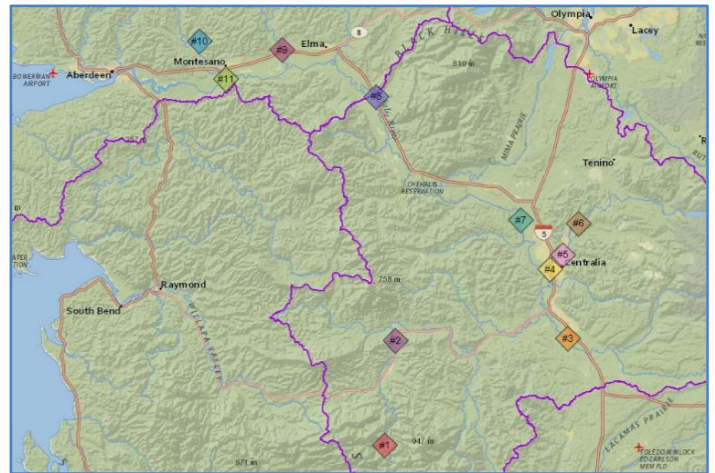
Be Aware, Be Prepared.

2019/20 Flood Season: Flood Warning System Email Alerts Sign-Up Today!



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

- #1 Chehalis River Below Thrash Creek -- <https://bit.ly/2lsYxqE>
- #2 Chehalis River near Doty -- <https://bit.ly/2mZWtae>
- #3 Newaukum River near Chehalis -- <https://bit.ly/2mzvmsX>
- #4 Chehalis River at Centralia -- <https://bit.ly/2lvRsFM>
- #5 Skookumchuck River at Centralia -- <https://bit.ly/2luAPKO>
- #6 Skookumchuck River near Bucoda -- <https://bit.ly/2kTbszX>
- #7 Chehalis River near Grand Mound -- <https://bit.ly/MtJ56A>
- #8 Chehalis River at Porter -- <https://bit.ly/2mqoe8x>
- #9 Satsop River near Satsop -- <https://bit.ly/2kXJSnl>
- #10 Wynoochee River near Montesano -- <https://bit.ly/2noo5Mn>
- #11 Chehalis River near Montesano -- <https://on.doi.gov/2lsFtZJ>



(Click [here](#) to open gage alerts map.)

Sign-Up to receive email alerts from any of the above sites by sending scottb@sbgh-partners.com and dcurtis@westconsultants.com:

- Your name.
- Your email.
- The gage site number(s) you are interested in.

Questions can be directed to Scott Boettcher (Chehalis River Basin Flood Authority Staff), scottb@sbgh-partners.com, 360/480-6600.

More Information:

Chehalis River Basin Flood Authority www.ezview.wa.gov/chehalisfloodauthority	Flood Warning System www.chehalisriverflood.com	Gage Alerts Map http://arcg.is/2fbhZyX
---	---	---

Chehalis River Basin Flood Warning System

Why?

Following a devastating flood in December 2007, Chehalis River Basin stakeholders intensified efforts to mitigate flood risk in one of the most flood-impacted watersheds in the State of Washington by forming the **Chehalis River Basin Flood Authority (CRBFA)**. The CRBFA quickly determined improvements were needed to the existing flood forecast and warning system for the entire Chehalis River Basin. The region required a more reliable information network than what had become a “word of mouth” warning process.

The Players

On behalf of the CRBFA, WEST Consultants worked with community groups, Indian tribes, and local governments within the Basin to assess their current flood preparedness practices and needs. In addition, flood forecasting and related programs of the National Weather Service, the U.S. Geological Survey, the U.S. Department of Agriculture Natural Resources Conservation Service, and the WA State Departments of Ecology and Transportation were reviewed.

The findings led to a plan for improving the identification of flood threats, agency coordination, and communication with the public. The plan included an Internet-based data collection, visualization, and dissemination tool plus additional rainfall, temperature and river monitoring stations to fill gaps in existing observation networks in the Chehalis River Basin.



The System

A publicly accessible, Web-based flood data site is now available through Conrail. Rain, stream, reservoir, wind, temperature, and other weather information are collected, displayed, and used real-time. Users can access current Basin conditions along with latest National Weather Service river forecasts, local road closures from WA State Department of Transportation and other flood preparedness information from federal, state and local sources.

Flood inundation maps show the public, as well as government officials where flooding is to be expected at each forecasted river stage. The website (www.chehalisriverflood.com) provides REAL TIME access to flooding data, putting the data in local context, allowing residents to be better prepared.

Information can be displayed on Web-enabled computers and mobile devices (smart phones, tablets).

Ten new automated rain gages, ten new temperature sensors, Skookumchuck Reservoir elevations, two additional stream gages and two new webcams have been added to existing flood threat detection networks. Data from more than 250 weather and river sensors in the Basin and nearby areas are now available.



Frequently Asked Questions

www.chehalisriverflood.com

How do I find weather forecasts for my neighborhood?

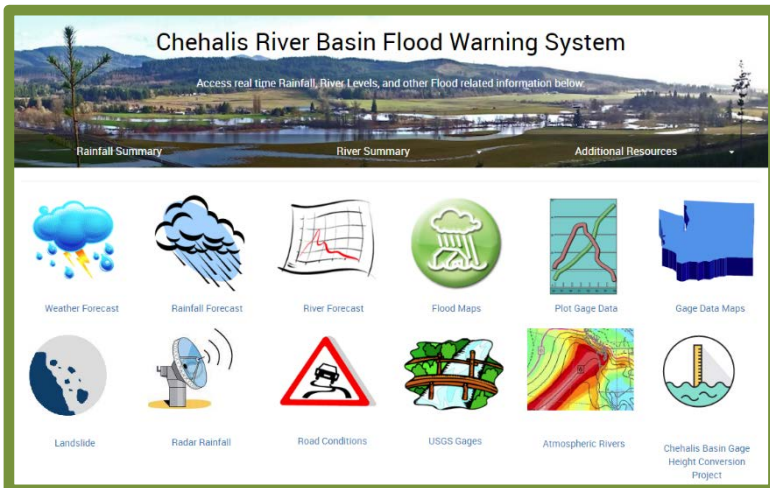
Once at the home page, click on the Weather Forecast (thunder cloud) icon. That will link you to the National Weather Service Forecast page for the Seattle area. Click on the map to show the latest forecast for your locality.

How do I find rainfall forecasts for my neighborhood?

At Home page, click on Rainfall Forecast (rain cloud) icon to bring up 10-day forecast maps from the National Weather Service, Northwest River Forecast Center. The first column of maps shows precipitation. The following columns show maximum temperature (daily high temperature), minimum temperature (daily low temperature), and daily freezing level.

How do I find river level forecasts for my neighborhood?

At Home page, click on River Forecast (graph with red line) icon which will take you to National Weather Service Advanced Hydrologic Prediction Service. Click on gage icon closest to your neighborhood (i.e., Porter, Grand Mound, Centralia, Doty, and Pe Ell on the Chehalis; Bucoda and Centralia on the Skookumchuck, and the Newaukum near Chehalis) to view the most recent river hydrograph for that area so you can follow the river's level in your neighborhood.



How do I find flood inundation maps for my neighborhood?

Go to Flood Maps link (circular green icon) from home page and select your region from "Select a gage location" pull down menu at top of flood basin map. For example, select Chehalis River at Centralia. Current river elevation or stage is shown in upper left. Use left/right arrow keys next to river elevation to move forward and backward through the forecast period. For inundation maps, hover your mouse over river stages in left-hand column. Inundation area for that stage appears. Zoom and pan for closer views.

What other information is on this website?

Chehalis River Basin Flood Warning System website includes links to CRBFA, Chehalis River Basin Flood Resources, USGS gage data, County emergency management, landslide monitoring and WSDOT's travel advisory websites, as well as the latest Doppler radar readings, maps, and gage location information.

Need more information?

Scott Boettcher

Chehalis River Basin Flood Authority Staff
360/480-6600 – scottb@sbgh-partners.com

David Curtis

Warning System Technical Consultant
916/932-7402 – dcurtis@westconsultants.com