

## **Latest Update on Low-Pressure System Forecast to Impact US West Coast**

*Updated: 20 March 2024*

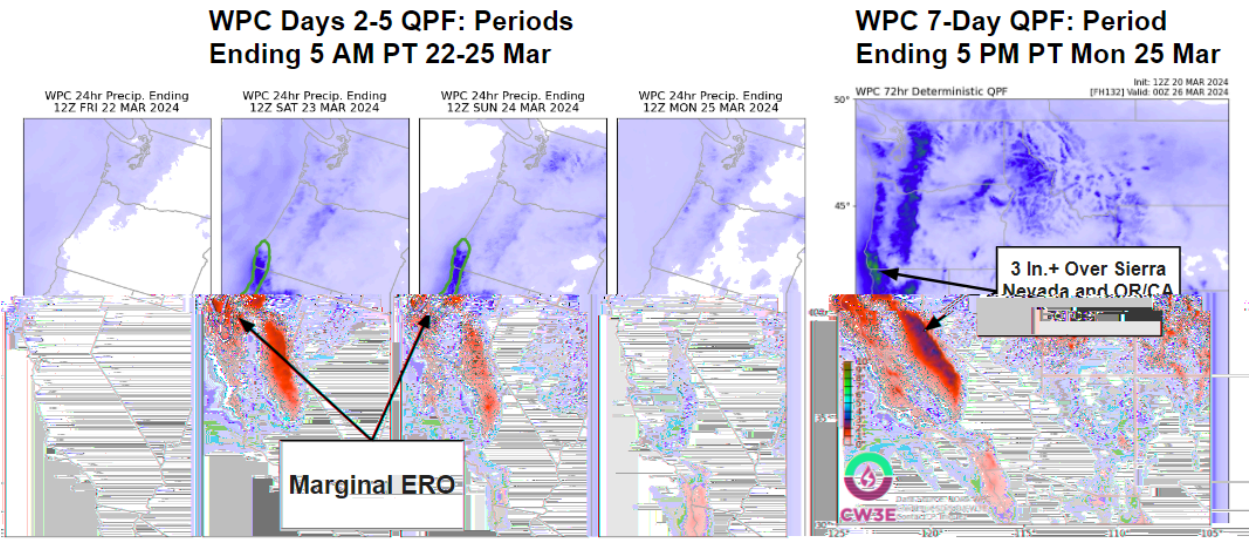
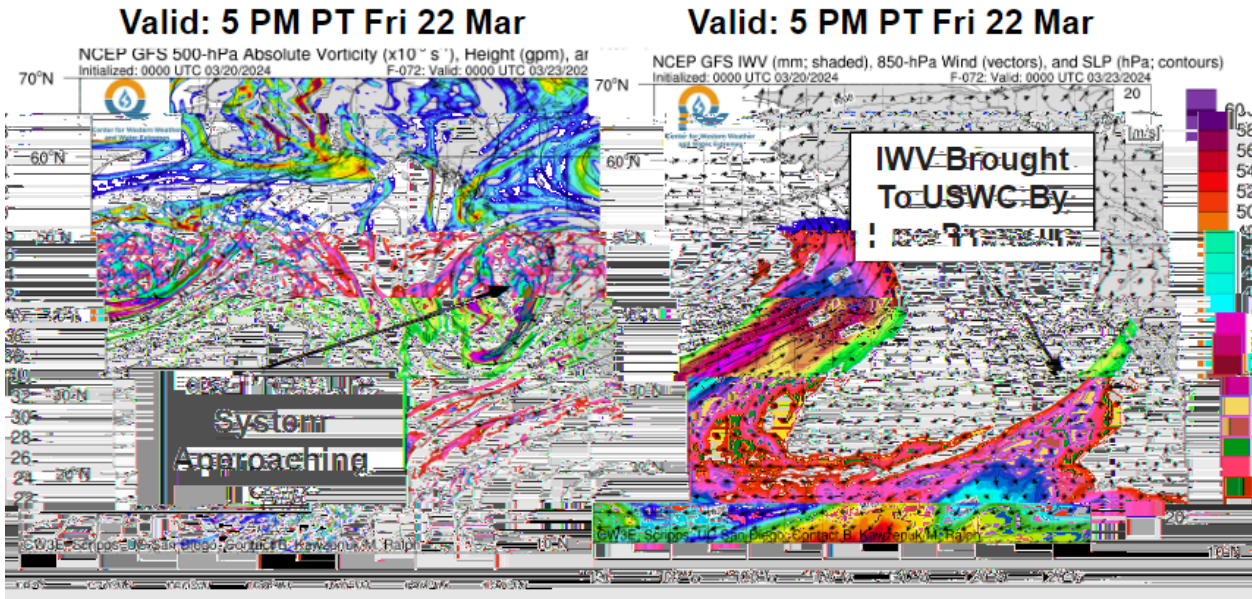
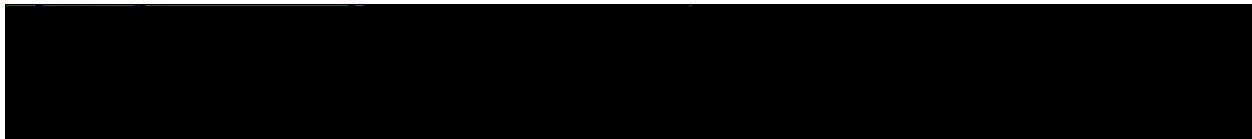
An upper-level low-pressure system developing in the Northeast Pacific will move eastward and approach the US West Coast Friday 22 Mar, bringing precipitation to the US West Coast throughout the weekend.

### Forecast Highlights:

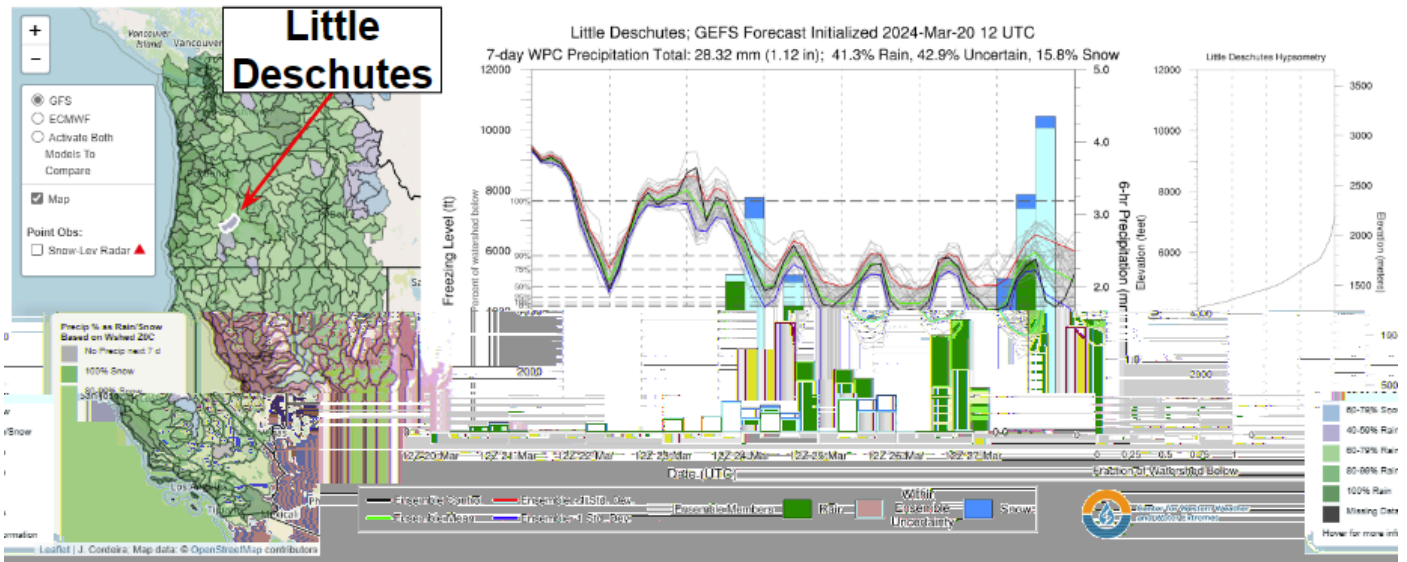
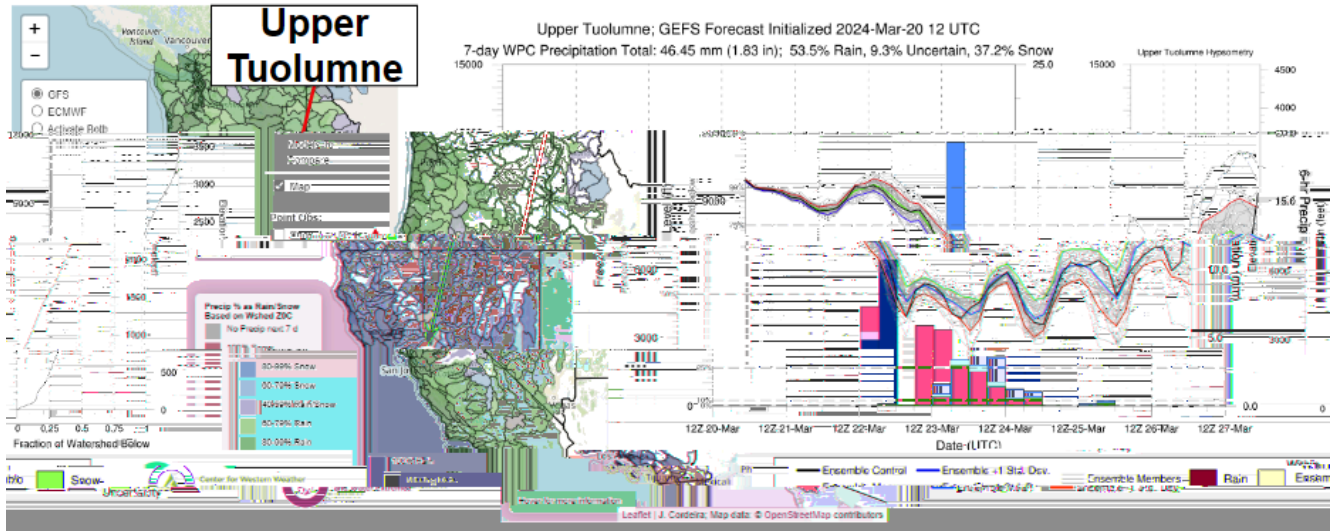
- An upper-level low-pressure system developing in the Northeast Pacific is forecast to approach the US West Coast Friday 22 Mar and move inland by midday Sunday 24 Mar.
- This low-pressure system is forecast to bring widespread light-to-moderate precipitation to the US West Coast throughout the weekend.
- The Weather Prediction Center (WPC) is forecasting at least one inch of precipitation across the Cascades, Sierra Nevada and coastline from Northern California to Washington.
- The highest forecast precipitation totals are over the Sierra Nevada and along the California/Oregon border, where 3+ inches of precipitation are forecast for the 72-hour period ending 5 PM PT Monday 25 Mar.
- While significant hydrologic impacts are not expected, WPC has issued a marginal risk excessive rainfall outlook (ERO) in the Northern CA/Southern OR Coast Ranges for the 24-h periods ending 5 AM PT Sat Mar 23 and 5 AM PT Sun Mar 24.
- Snowfall is also expected at elevations above 4000 feet as the snow level is forecast to fall with this system.
- The National Blend of Models (NBM) is forecasting 12+ inches of snowfall along the highest peaks of the Cascades and across much of the Sierra Nevada, with 18+ inches along the highest peaks of the Sierra Nevada for the 72-hour period ending 5 PM PT Monday 25 Mar.
- The WPC's Winter Storm Severity Index is showing potential for moderate impacts over the Sierra Nevada as a result of the potential snowfall with this system.

**Stay alert to official NWS forecasts, watches, and warnings at [weather.gov](https://www.weather.gov) and follow guidance from local emergency management officials**

**Stay tuned to the CW3E webpage for a full AR Update**

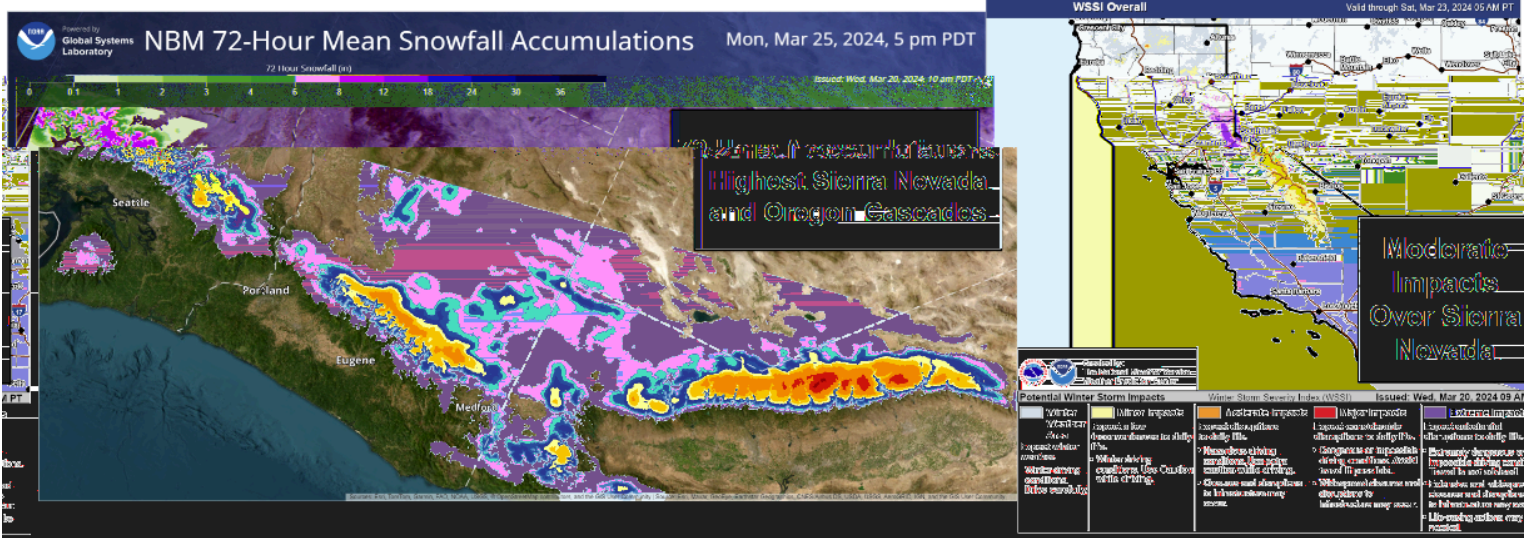


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Additional Considerations:

- Visit <https://www.nwrfc.noaa.gov/> and <https://cnrfc.noaa.gov/> for specific river and stream forecasts and <https://www.weather.gov/> for point specific watches, warnings, and forecasts.

In-depth AR forecasts products can be found here:

<http://cw3e.ucsd.edu/iwv-and-ivt-forecasts/>

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