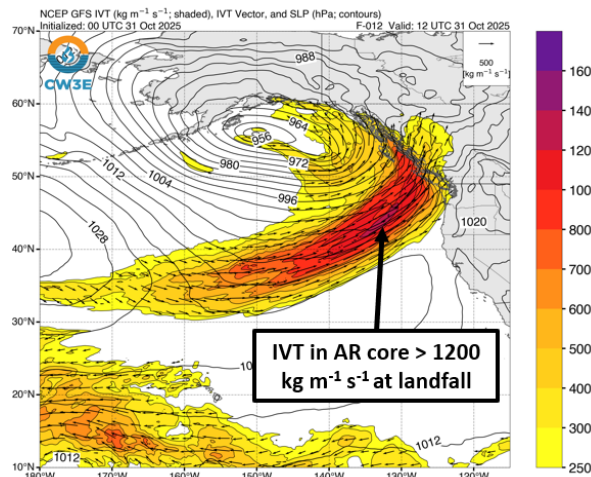


Quick Summary of Atmospheric River in the Pacific Northwest

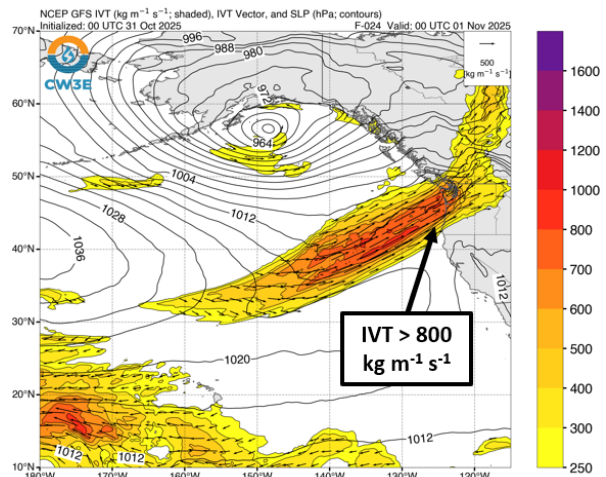
Updated: 03 November 2025

- An atmospheric river (AR) made landfall over Washington early Fri 31 Oct, bringing AR3 conditions (based on the Ralph et al. 2019 AR Scale) to the Pacific Northwest.
- Strong AR conditions ($\text{IVT} \geq 750 \text{ kg m}^{-1} \text{ s}^{-1}$) were observed along most of coastal Washington and coastal Oregon with AR conditions lasting for 30-36 hours
- The heaviest precipitation occurred in the Olympic Mountains, the Washington Cascades, and the north Coastal Range of Oregon, where 5-8" of precipitation fell during the 48-hour period ending at 5 am PDT Sun 02 Nov.
- Lower elevation areas west of the Washington and Oregon Cascades received 1-3" of precipitation in the same 48-hour period.
- High freezing levels across the Pacific Northwest resulted in much of the precipitation falling as rain. Only the Northern Cascades received snowfall, with the highest elevations seeing 6-12" during the 48-hour period ending at 5 am PDT Sun 02 Nov.
- Heavy rain falling on saturated soils caused several rivers in Washington and Oregon to crest above Action Level.
- Skykomish - near Gold Bar (GLBW1), crested just below flood stage at 4pm PDT On 01 Nov.
- According to the US drought monitor, Severe to Extreme drought persists in the Pacific Northwest. However, drought conditions are expected to improve or end with the recent precipitation across the region.

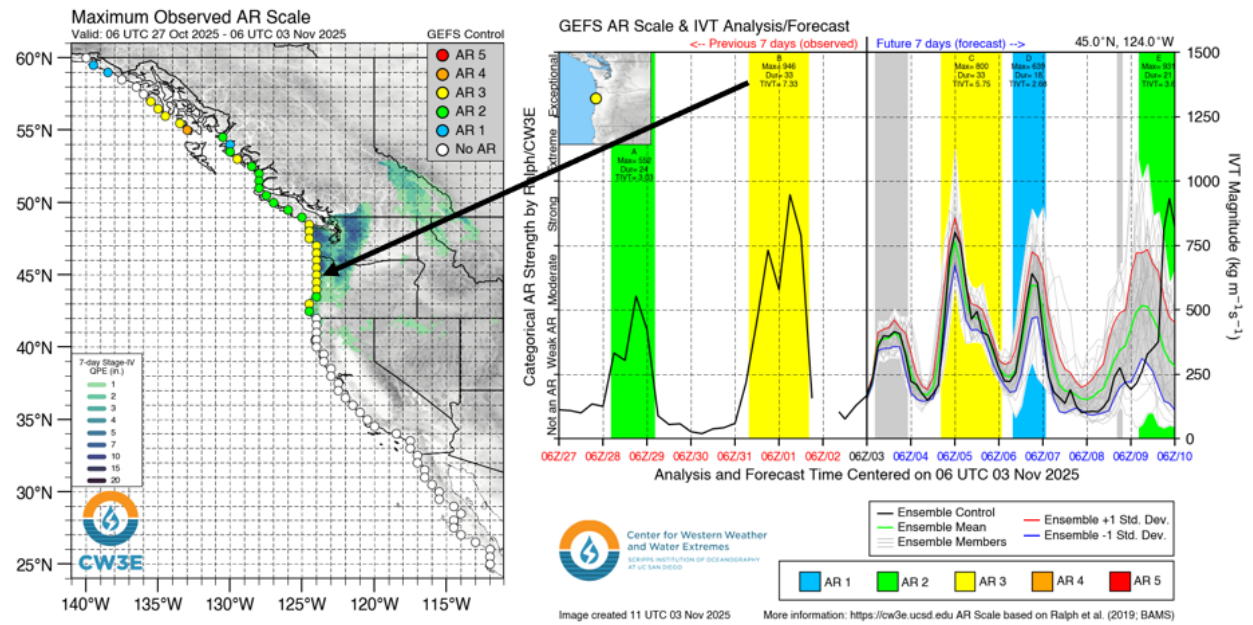
GFS IVT and SLP Analysis
Valid: 5 AM PDT 31 Oct



GFS IVT and SLP Analysis
Valid: 5 PM PDT 31 Oct

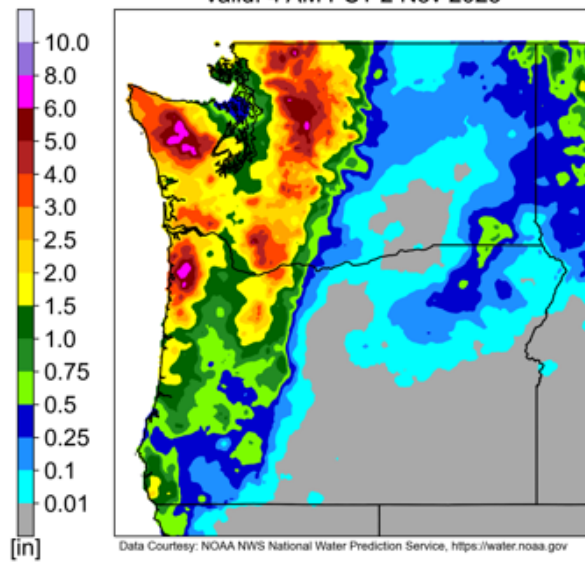


GEFS Control AR Scale Analysis



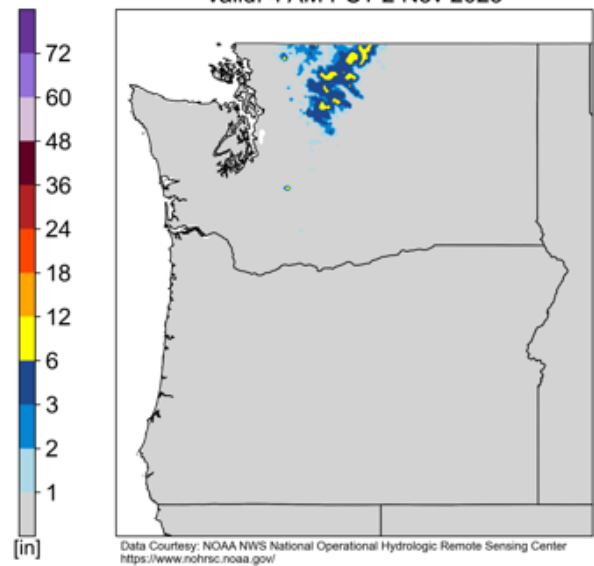
NWS Stage IV 48-h QPE

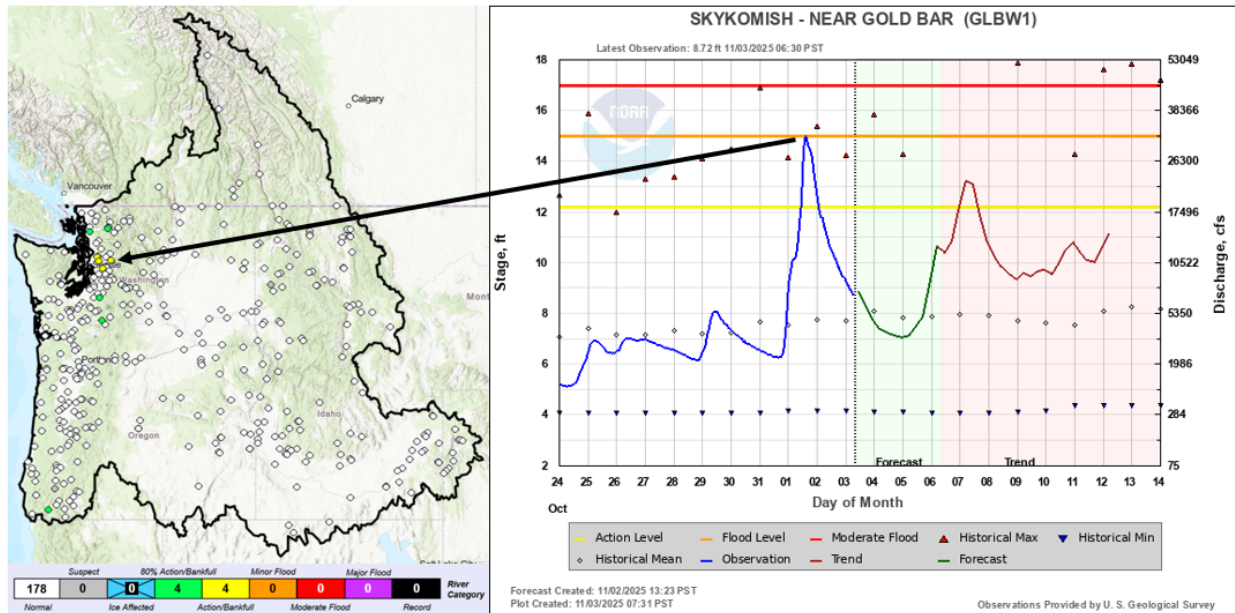
Valid: 4 AM PST 2 Nov 2025



NWS 48-h Snowfall Analysis

Valid: 4 AM PST 2 Nov 2025





U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

Valid for November 2025
Released October 31, 2025

