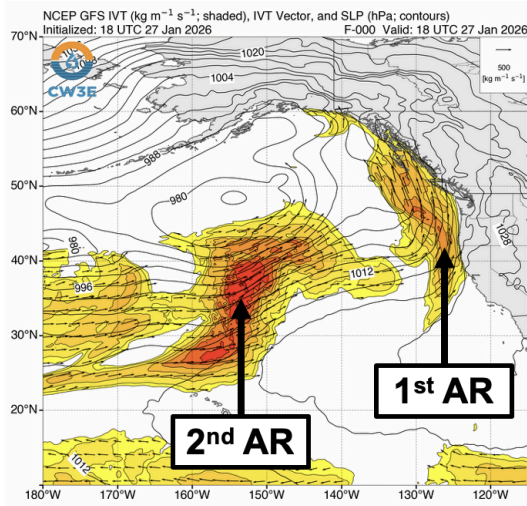


**Quick Summary of the Atmospheric Rivers Impacting the Pacific Northwest During 27  
January – 1 February**  
*Updated: 3 February 2026*

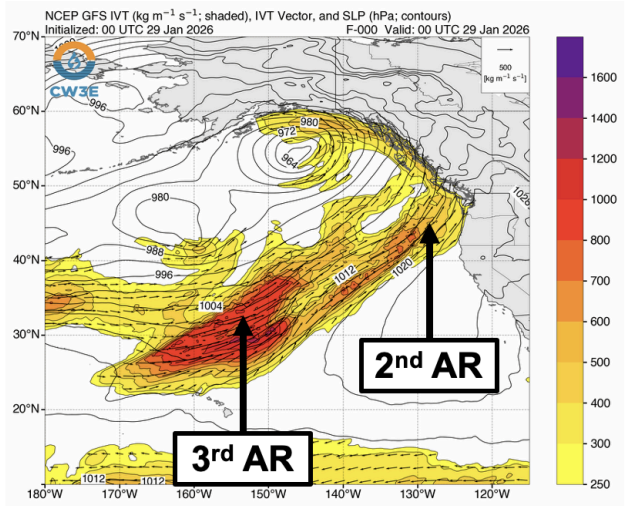
- A family of four atmospheric rivers (ARs) formed over the Northeast Pacific and made landfall over the Pacific Northwest between Tue 27 Jan and Sun 1 Feb.
- While none of these ARs were particularly strong, the third AR brought a brief period of moderate conditions ( $IVT \geq 500 \text{ kg m}^{-1} \text{ s}^{-1}$ ) to coastal Washington and Oregon on Fri 30 Jan.
- GEFS analyses indicated four distinct periods of AR conditions ( $IVT \geq 250 \text{ kg m}^{-1} \text{ s}^{-1}$ ) over the Olympic Peninsula, with the third AR ranking as an AR 2 on the Ralph et al. (2019) AR Scale, and the second and fourth ARs ranking as an AR 1.
- GEFS analyses showed an AR 3 over Pacific County, WA, due to a longer duration of continuous AR conditions (>48 hours) resulting from no break in AR conditions between the second and third ARs.
- These four ARs combined to produce an estimated 6–12 inches of total precipitation in the Olympic Mountains, 4–8 inches in the North Cascades, and 1–3 inches in the Green River Basin.
- While relatively high freezing levels limited snowfall accumulations below 5,000 feet, an estimated 12–36 inches of total snow fell in the higher terrain of the North Cascades and in the vicinity of Mount Rainier. Snowpack still remains well-below normal (<50% of normal) across much of the Cascades.
- Despite the high precipitation totals in the Olympic Mountains, hydrologic impacts were limited due to very dry antecedent conditions during the previous two weeks.

## GFS IVT & SLP Analyses

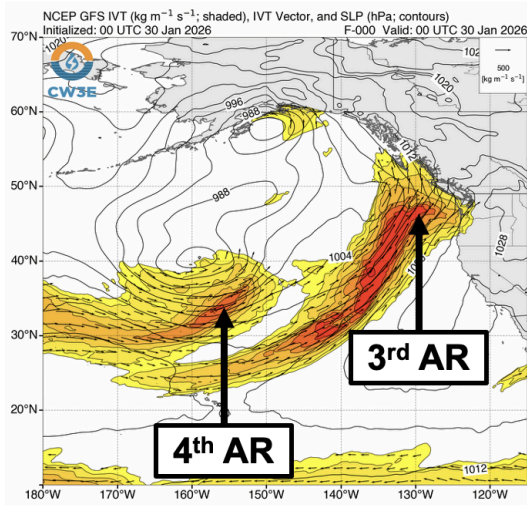
Valid 10 AM PST 27 Jan



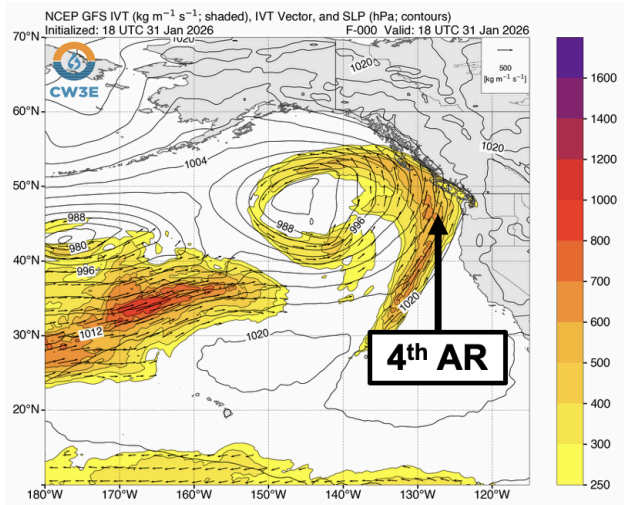
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Valid 4 PM PST 29 Jan



Valid 10 AM PT 31 Jan



### GEFS Control AR Scale Analysis

