A long-duration AR helped produce heavy rainfall and mountain snowfall in central and northern CA
- The AR was associated with a midlatitude cyclone that stalled over the Northeast Pacific Ocean
- Precipitation amounts exceeded 5 inches in some parts of the California Coast Ranges and Sierra Nevada
- Higher elevations in the Sierra Nevada received more than 2 feet of snow
• Sections of the central CA Coast Range and Sierra Nevada have received > 5 inches of precipitation during the past 48 hours
• A few stations in central CA have recorded > 10 inches of rainfall
• An estimated 2-3 feet of snow has fallen over parts of the Sierra Nevada (primarily above 8,000 feet)
• Additional precipitation amounts of 0.5 – 2 inches are expected throughout much of central and northern CA
• Heavy snowfall resulted in treacherous road conditions and chain controls on Interstate 80 and US-50 over mountain passes
• Travel on US-50 was reduced to one-way traffic for several hours on 2 Dec due to a rock slide near Echo Summit
• Heavy precipitation during the past 7 days has resulted in a significant increase in SWE across northern CA and western NV
• On 25 Nov, SWE was less than 25% of the 1981–2010 median value
• As of early morning 2 Dec, SWE was more than 100% of the 1981–2010 median over the San Joaquin, Lower Sacramento, Truckee, Carson, and Walker Basins
Total monthly precipitation in November was > 200% of normal across much of the southwestern U.S., with amounts > 400% of normal over the Sonoran Desert.

Despite the recent wet period, November was abnormally dry (< 50% of normal monthly precipitation) in northern CA.

As of 1 Dec, total water year precipitation remains below normal over northern CA, northern NV, and the Pacific Northwest.
The AR currently impacting CA will verify as an AR3 (based on the Ralph et al. (2019) AR Scale) near Monterey Bay, CA.

Looking ahead, multiple landfalling ARs are very likely to impact California and the Baja Peninsula over the next 5 days.

The 3rd AR is currently forecast to bring AR3 conditions (max IVT > 500 kg m$^{-1}$ s$^{-1}$; duration > 48 hours) once again to central CA.