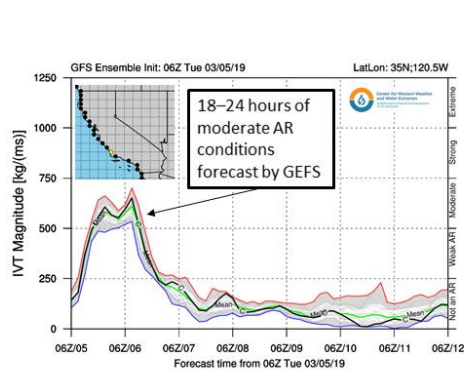## Latest update on Atmospheric River Currently Impacting Central California
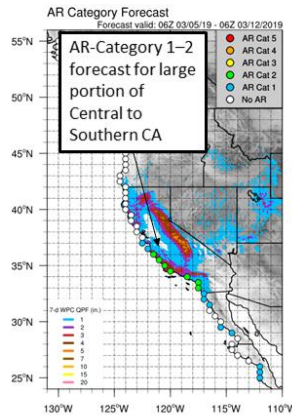*Updated: 05 March 2019*

A look into the atmospheric river (AR) that is forecast to make landfall over Central California early today and last through tomorrow evening.
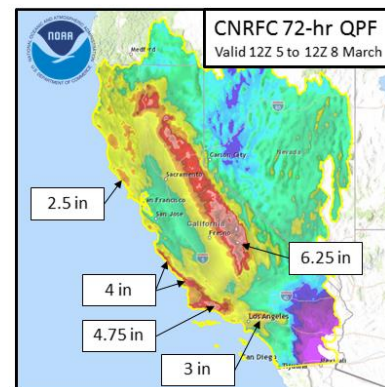
Forecast Highlights:
- Current GFS Ensemble forecasts suggest this AR could be associated with maximum integrated vapor transport (IVT) magnitudes of 500–700 kg/m/s over the Central California Coast.

- AR conditions are currently forecast to last 18–24 hours over Central California, with shorter durations over Southern California.

- The California-Nevada River Forecast Center is currently forecasting as much as 6.25 inches of precipitation over the Southern High Sierra during the next 72 hours.

- The Coastal Mountains from Big Sur to Santa Barbara are currently forecast to receive 3–4.75 inches of precipitation over the next 72 hours.



*GFS Ensemble Forecast IVT Magnitude for Coastal Santa Barbara County*

*GEFS Forecast AR Category for Coastal Locations along the U.S. West Coast*

*California-Nevada River Forecast Center 72-hour Precipitation Forecast Valid 12Z 5 to 12Z 8 March*

***AR-Category 2 conditions are forecast by the GEFS for a large portion of the California Coast from Big Sur to San Diego County.***

- As the AR propagates southward, it is forecast to weaken, where precipitation accumulations of 3 in. over the Transverse Mountains and <1 in. over lower elevations are forecast.
- Evacuations have been ordered below the Whittier, Sherpa, and Thomas fire burn area in Santa Barbara and Ventura Counties due to the concern for debris flows and flash flooding (https://sbcoem.maps.arcgis.com/apps/webappviewer/index.html?id=9a21092d1754448cbdedadb7bb1ee12e).

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

In-depth AR forecasts products can be found here:
http://cw3e.ucsd.edu/iwv-and-ivt-forecasts/

Update provided by C. Hecht
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**Stay tuned to the CW3E webpage for a full AR Update**