

## Latest update on Atmospheric River Currently Impacting Northern California

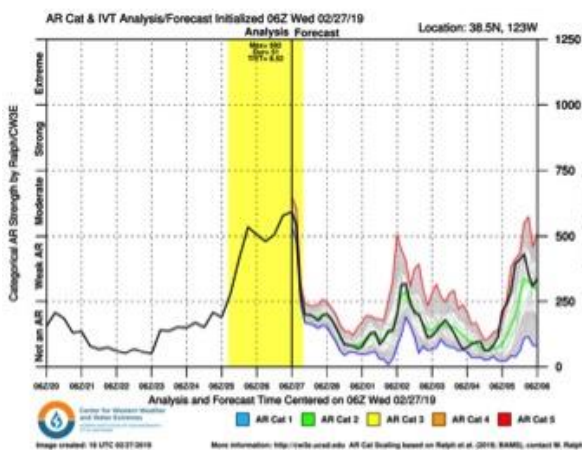
Updated: 27 Feb. 2019

A look into the atmospheric river (AR) that impacted Northern California and the AR currently forecast to make landfall on 02 March 2019.

### Forecast Highlights:

- Over the Russian River the current AR had a maximum strength of 600 kg/(ms) and had a duration of 50 hour classifying it as an AR Category 3 based on the recently publish Atmospheric River Category Scale (**Ralph et al. 2019**)
- Some areas in the Russian River received over 10 inches of rain in the last 48 hours and the California-Nevada River Forecast Center (CNRFC) is forecasting flooding along the Russian River with peak flows between this morning and later tonight. There have been several evacuation orders for part of the Russian River.
- Areas in the Northern Sierra Nevada around Chico have received over 10 inches of precipitation in the last 48 hours. The CNRFC is currently forecasting several gauges along the Sacramento River to go above flood stage peaking later this afternoon and into the evening.

### AR CAT for Russian River Region



### CNRFC Streamflow Forecasts



- The GFS is currently forecasting the landfall of a weaker and shorter AR on 02 March 2019 centered on the Central Coast.
- Forecast uncertainty associated with the next AR is currently high, but forecasts suggests an additional 2–3 inches of precipitation across portions of Central California and Southern California.

### 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/>

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Stay tuned to the CW3E webpage for a full AR Update