

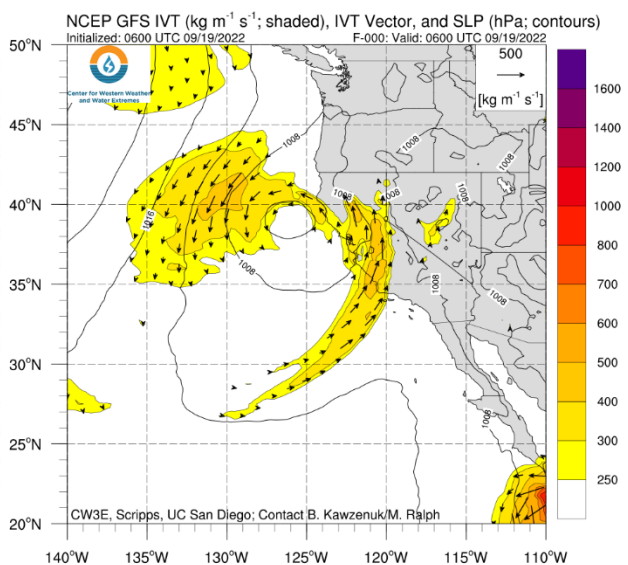
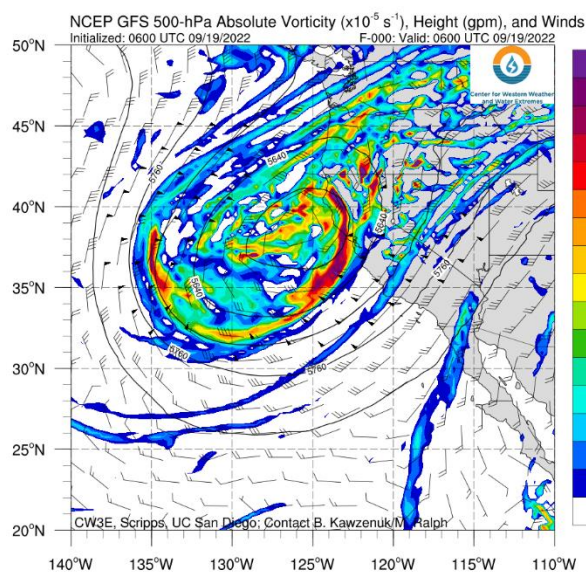
Latest Update on Atmospheric River Currently Impacting California

Updated: 19 September 2022

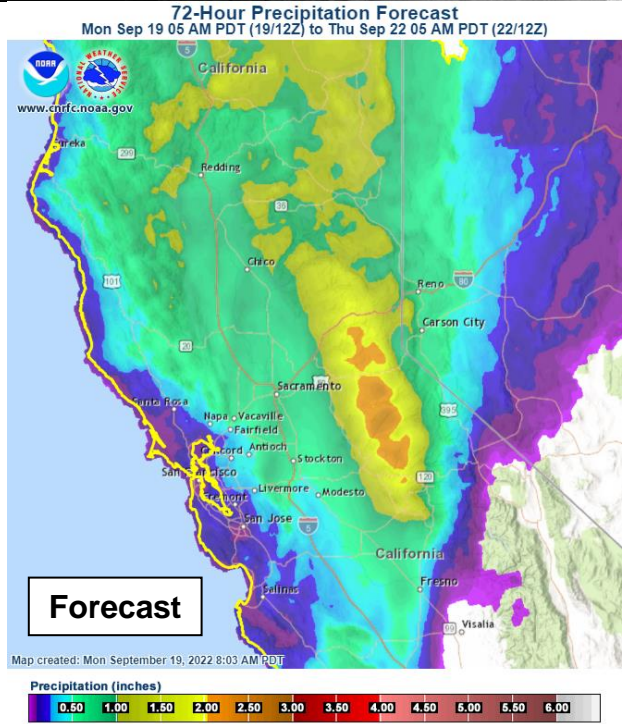
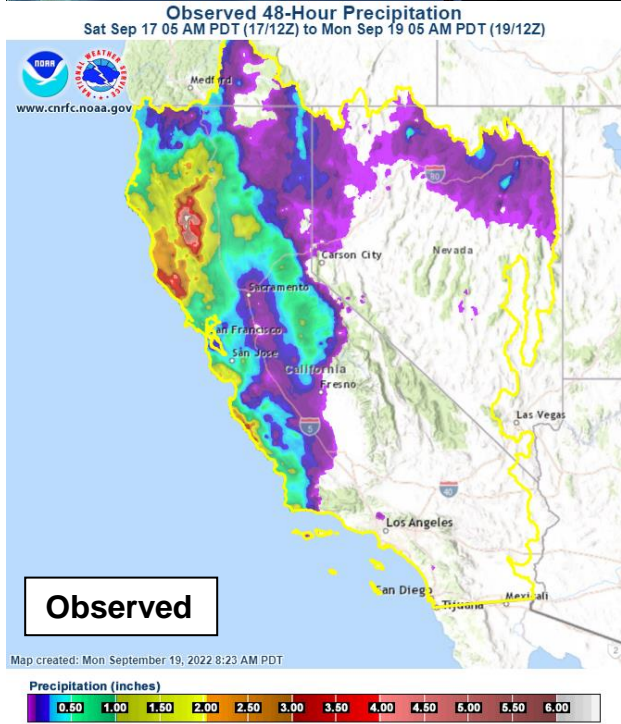
A quick look at the ongoing atmospheric river that will continue to impact California today.

Forecast Highlights:

- A cutoff low and an associated atmospheric river (AR) that made landfall over California late Saturday night will produce showers and thunderstorms across portions of Northern and Central California today
- Weak AR conditions (i.e., IVT $< 500 \text{ kg m}^{-1} \text{ s}^{-1}$) are forecast to dissipate later today, but moist upslope flow, post-frontal convection, and dynamical forcing east of the cutoff low will prolong the precipitation into Tuesday and possibly early Wednesday
- An estimated 2–5 inches of rain have already fallen in portions of the Central and Northern California Coast Ranges
- The NWS California–Nevada River Forecast Center (CNRFC) is forecasting 1–3 inches of additional precipitation in the foothills and higher terrain of the Sierra Nevada, California Cascades, and Klamath Mountains today through Wednesday
- NWS Sacramento has issued a flash flood watch for the Mosquito Fire burn scar, where periods of higher-intensity rainfall associated with post-frontal convection may lead to ash and debris flows
- A flood advisory is also in effect for locations in the vicinity of the August Complex Fire burn scar
- On a positive note, the precipitation has aided efforts to contain the Mosquito Fire and resulted in a substantial improvement in air quality in interior Northern California



Stay tuned to the CW3E webpage for a full AR Update



Flash Flood Watch
Mosquito Burn Scar

Timing

- Through 12 am Wednesday Sep. 21


Impacts

Ash and debris flows caused by heavy rain and thunderstorms

Locations Include


Areas south and east of Foresthill including Mosquito Ridge Road and portions of the Middle Fork American River

Be prepared to evacuate if told by local officials



NWS Sacramento

Significant Flooding
Valid until 12:00 PM Monday, September 19, 2022





Flood Advisory

Highlights

- Local flooding of roadways, small streams, and creeks. Slides and debris flows will be possible in and near the August Complex burn scar.
- Rain:** Moderate to heavy rainfall is possible overnight.

Flood Safety Tips

-  **Never** drive across flooded roads!
-  Be aware if living near streams & creeks

Additional Considerations:

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

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

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