

## Quick Look at Potential Impacts from Remnants of Mario

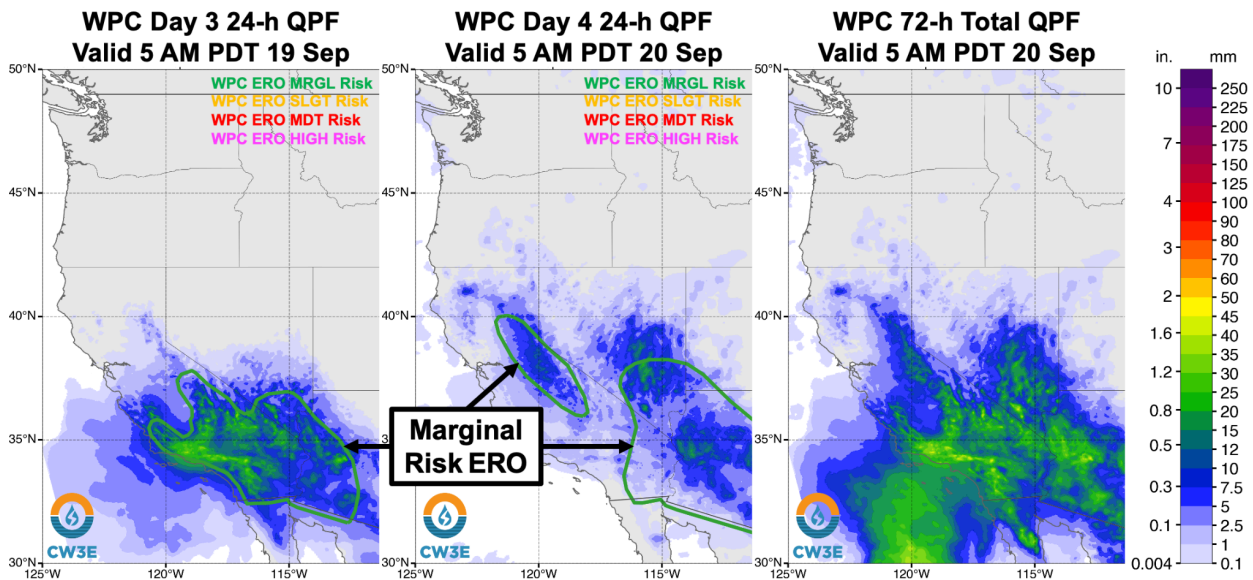
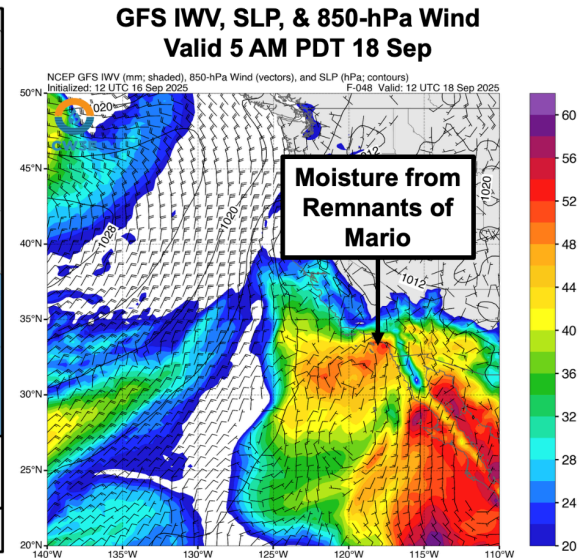
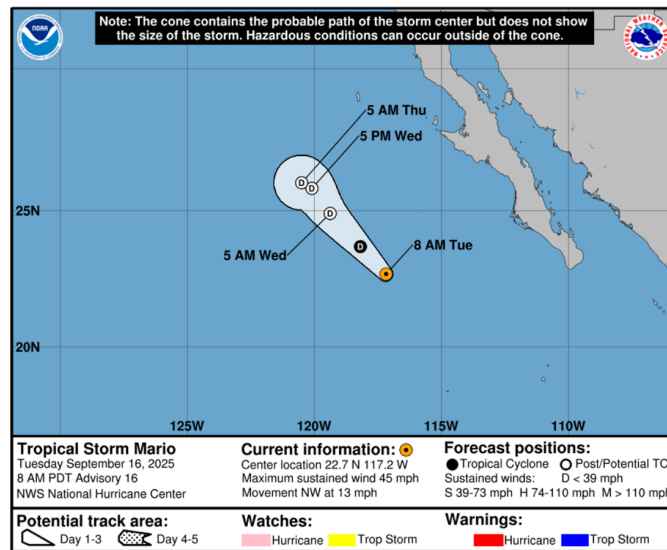
*Updated: 16 September 2025*

The remnants of Tropical Storm Mario are forecast to bring showers and thunderstorms to portions of the southwestern US this week.

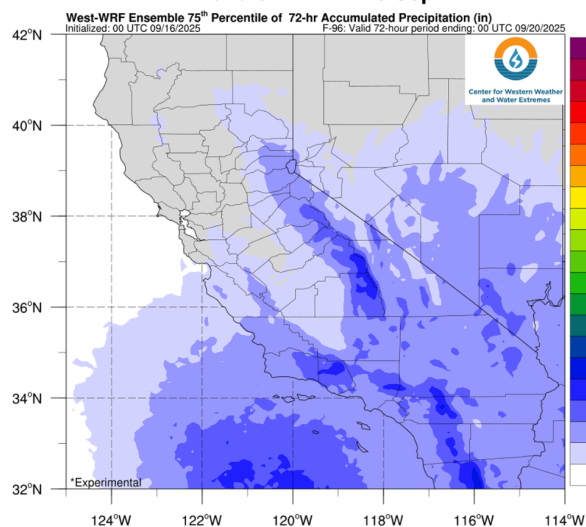
### Forecast Highlights:

- As of 8 AM PDT today, Tropical Storm Mario was located about 750 km west of Cabo San Lucas. The storm is forecast to gradually dissipate as it moves northwestward over cooler waters during the next 48 hours.
- Moisture associated with Mario's remnants is forecast to spread northward, resulting in scattered showers and thunderstorms over portions of California, Nevada, and Arizona late tomorrow Wed 17 Sep through Fri 19 Sep.
- The heaviest precipitation is expected in the Peninsular Ranges, Transverse Ranges, and Southern Sierra Nevada, where the NWS Weather Prediction Center (WPC) is forecasting as much as 1–2 inches through early Sat 20 Sep. More than 0.5 inches are forecast in coastal Southern California and the desert regions of interior California, southern Nevada, and western Arizona.
- Heavy downpours associated with thunderstorms could trigger localized flash flooding, particularly in mountainous terrain, dry arroyos in desert areas, and recent burn scars.
- The WPC has issued a **marginal risk** (level 1 of 4; 5% probability) excessive rainfall outlook (ERO) for Southern California, the Southern Sierra Nevada, southern Nevada, and western Arizona for the 24-hour period ending 5 am PDT Fri 19 Sep. A marginal risk ERO has also been issued for the Sierra Nevada, southeastern California, southern Nevada, and much of Arizona for the 24-hour period ending 5 am PDT Sat 20 Sep.
- Given the scattered and convective nature of the precipitation, there is some uncertainty in total forecast precipitation amounts, particularly over Southern California. While most GEFS and EPS ensemble members are forecasting <1 inch of mean areal precipitation in the watersheds of the Transverse Ranges, the 00Z 16 Sep GFS deterministic run is forecasting >2.5 inches (>10% of normal annual precipitation) in the Los Angeles watershed.
- CW3E's West-WRF ensemble initialized at 00Z 16 Sep is indicating a 25% probability of 0.75 inches or more and a 10% probability of 1.5 inches or more in portions of the Transverse Ranges for the 72-hour period ending at 5 pm PDT on Fri 19 Sep.

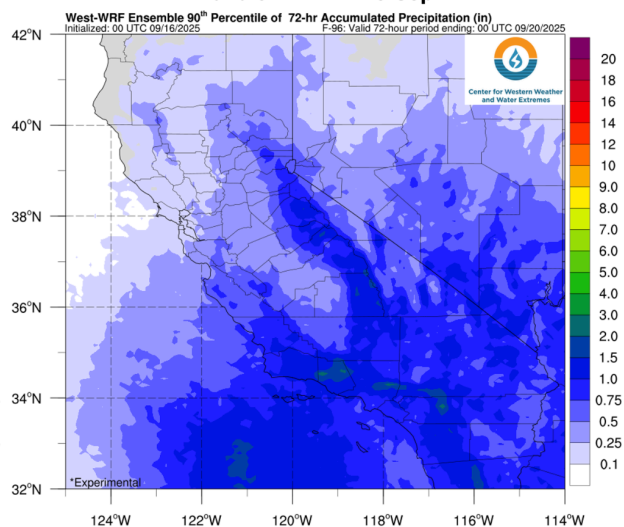
**Stay alert to official NWS forecasts, watches, and warnings at [weather.gov](https://www.weather.gov) and follow guidance from local emergency management officials**



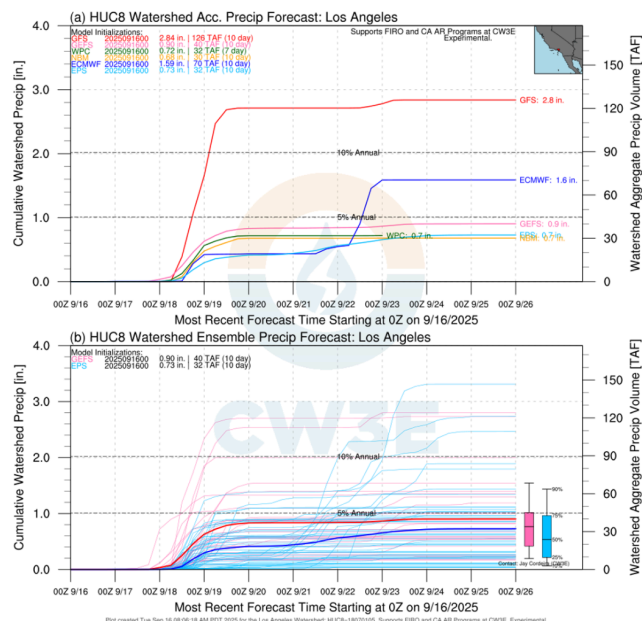
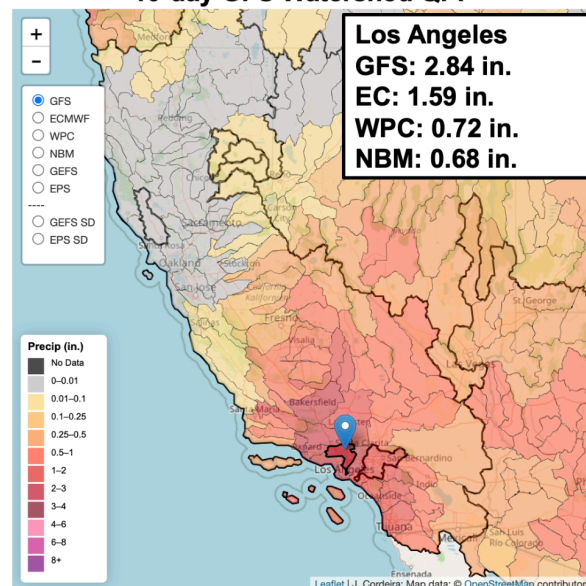
### West-WRF Ensemble 75<sup>th</sup> Percentile of 72-h QPF Valid 5 PM PDT 19 Sep



### West-WRF Ensemble 90<sup>th</sup> Percentile of 72-h QPF Valid 5 PM PDT 19 Sep



### 10-day GFS Watershed QPF



### Additional Considerations:

- Visit [cnrfc.noaa.gov/](https://cnrfc.noaa.gov/) and [cbrfc.noaa.gov/](https://cbrfc.noaa.gov/) for specific river and stream forecasts and [weather.gov/](https://weather.gov/) for point specific watches, warnings, and forecasts.

In-depth AR forecasts products can be found here:

<https://cw3e.ucsd.edu/iwv-and-ivt-forecasts/>

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