



Improving Monitoring and Forecasting of Precipitation and Coastal Flooding in the San Francisco Bay Area

# SAN FRANCISCO BAY AREA ADVANCED QUANTITATIVE PRECIPITATION INFORMATION (AQPI) SYSTEM

## ADDITIONAL INFORMATION

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### AQPI System Information

NOAA Physical Sciences Laboratory AQPI Website Information:

- [AQPI Website](#)
- [AQPI Media Resources Page](#)
- [AQPI 2-page Handout](#)
- Watch the radars in action now! [Real-Time Radar Display](#)

Sonoma Water Website Information: [Sonoma Water AQPI Website](#)

### AQPI Articles, Papers, and Presentations

2023

**3/12/2023 – Article: Marin Independent Journal, Richard Halstead**

- [New Weather Radar for Public Safety Response Part of Bay Area radar system, led by Sonoma, to be installed on Mount Barnabe](#)

**2/1/2023 – Article: The Los Angeles Times, Ian James**

- [How Do You Track an Atmospheric River? Climb Aboard this Highflying Reconnaissance Jet](#)

**1/8/2023 – Article: East Bay Times/San Jose Mercury News, Lisa Krieger**

- [Low, High Tech Behind Lifesaving Flood Alerts. Time Between Storms Used to Inspect and Balance Vital Network](#)

2022

**12/30/2022 – Article: SF Chronicle, Jack Lee**

- [Atmospheric Rivers Hitting California Will Become Even More Intense. Here's How They Work](#)

**11/10/2022 – Article: KQED, Ezra David Romero**

- [Delegation From Disaster-Laden Sonoma County, a Test Kitchen for Climate Innovation, Attends COP27](#)

**1/2/2022 – Presentation: APWA Conference, Mark Boucher | Contra Costa County Flood Control & Water Conservation District**

- [Flood Emergency Forecast Tools and Technology](#)

**10/22/2022 – Paper: Published by the American Meteorological Society, Rob Cifelli, et al. | NOAA**

- [Improving Monitoring and Forecasts of Precipitation, Streamflow, and Coastal Flooding in the San Francisco Bay Area](#)

**9/10/2022 – Article: Santa Cruz Sentinel, Jessica York**

- [What’s That Giant Orb in Live Oak? Radar Installation Now Tops Santa Cruz Sheriff’s Office Rooftop](#)

**9/1/2022 – Article: Scientific American, Marty Ralph, PhD | Scripps CW3E**

- [Better Atmospheric River Forecasts Are Giving Emergency Planners More Time to Prepare for Flooding](#)

2021

**12/7/2021 – Video: Advanced Quantitative Precipitation Information, Sonoma Water**

- [AQPI- 11 Bay Area Water Agencies Working Together](#)

**10/19/2021 – Article: San Francisco Chronical, Tara Duggan**

- [New \\$31 Million Radar System Set to Improve Bay Area Weather Forecasts](#)

**1/22/2021 – Article: New York Times, Marie Tae McDermott**

- [What Dry Winter Weather in California Can Tell Us](#)

2020

**6/2/2020 – Article: Inside Climate News, Bob Berwyn**

- [New Study Shows Global Warming Intensifying Extreme Rainstorms Over North America](#)

**7/31/2020 – Video: Scripps Institute of Oceanography**

- [What Is an Atmospheric River?](#)

2019

**12/4/2019 – Paper: American Association for the Advancement of Science (AAAS), Scripps CW3E & USACE**

- [Atmospheric Rivers Drive Flood Damages in The Western United States](#)

**10/8/2019 – Paper: Journal of Flood Risk Management, Lynn E. Johnson, Robert Cifelli, Allen White | NOAA**

- [Benefits of an Advanced Quantitative Precipitation Information System, The Journal of Flood Risk Management](#)

**1/16/2019 – Article: KQED, Peter Arcuni**

- [Rivers In the Sky: What You Need to Know About Atmospheric River Storms](#)

2018 and Prior

**10/1/2018 – Video: CA Global Climate Action Summit (GCAS), Sonoma Water**

- [AQPI Discussion at GCAS](#)

**8/10/2017 – Video: Advanced Quantitative Precipitation (AQPI), Sonoma Water**

- [San Francisco Bay Area AQPI Information](#)