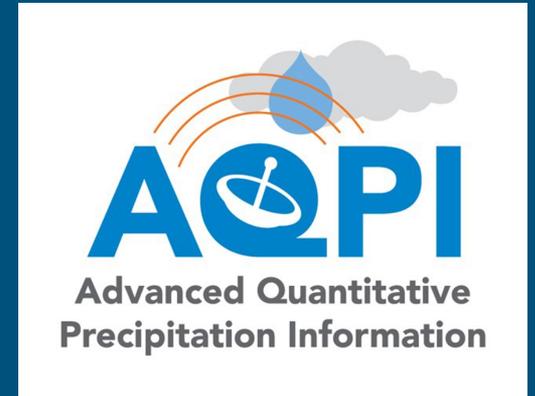


# AQPI Data Implementation Working Group (DIWG) & Users Meeting

Overview and status & deliverables of AQPI

Next Steps: Transitioning the system

Graphics Demo - Get your login/one-on-one with the team before Halloween!



# In a nutshell (what we plan to share today)

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System development coming to a close: What is there & what is left to complete as the project continues on

Going Forward: Transitioning the system from NOAA GSL\* to Colorado State University

Demo of the AQPI System Graphics and UI

Call for logins and one-on-ones

# Overview of Deliverables: Complete, **left to do**

AQPI System (development thru Oct)

Data:

- Digital (text format) Data Transfer files
- Graphical Displays
- System Status
- **Monitoring & Alerting**

Web UI:

- Selecting geographical boundaries and points for data transfer
- Viewing graphics

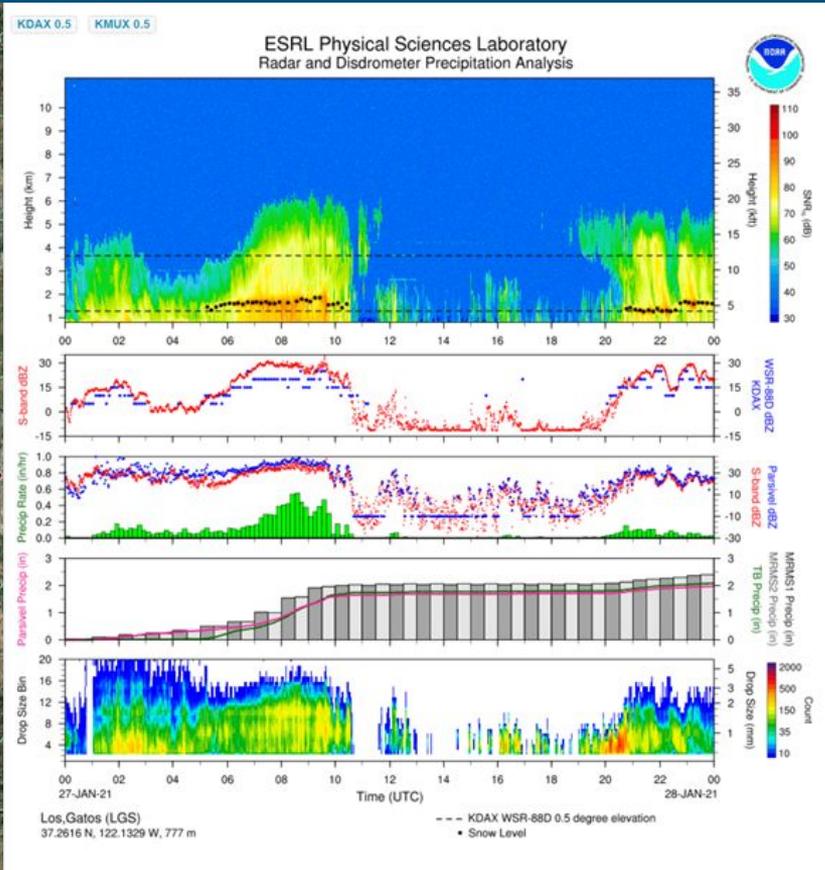
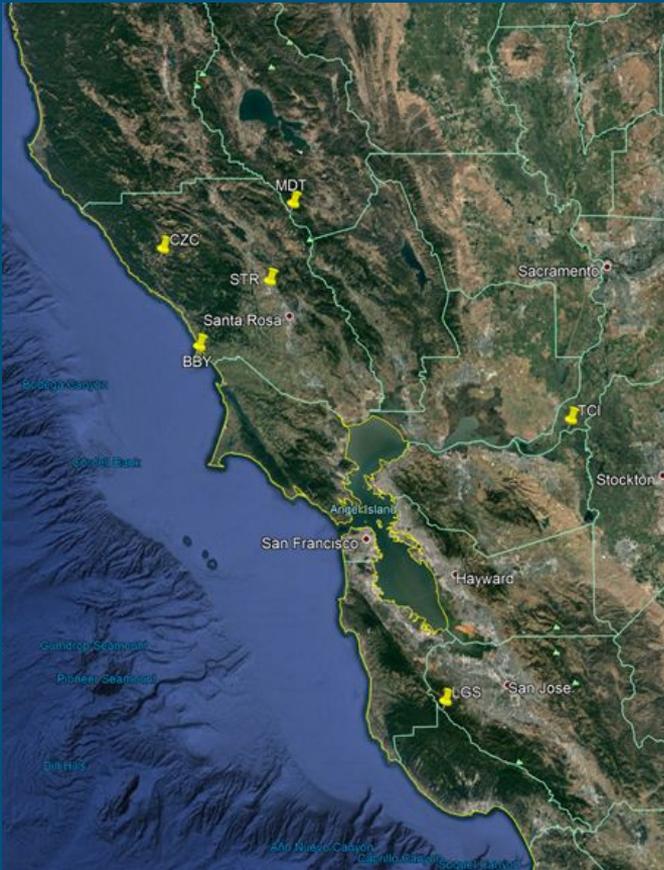
Additional Deliverables (continuing on)

- Surface Obs, **gap-filling surface obs**
- Evaluation NWM
- Improvements to HRRR
- **Radar equipment**
- **Quantifying benefits**
- **Nowcast**

USGS: Evaluations, model development

CIRA: **Radar, Nowcast, System Transition**

# AQPI vertically-pointing radar/disdrometer sites



Still to come:  
gap-filling rain gauges  
stream gauges  
add'l disdrometers  
+  
X-band radar  
QPE/disdrometer/  
rain gauge  
comparison display

# Transitioning from a user perspective...



AQPI System



Colorado  
State  
University

Who will be leading Data Implementation Working Group meetings? **Jennifer Krebs**

Who will be able to answer my questions? **[Greg.Pratt@noaa.gov](mailto:Greg.Pratt@noaa.gov) through October.**

How long will I be able to get my login information? **One-on-ones will be done through end of October. Email Hilary Peddicord and/or Greg Pratt to set up a time.**

What will the CIRA transition team do exactly? **Keeping the system running and answering questions, getting Radars installed, & get Nowcast running + ???**

What happens when a rain event takes place? **We hope the transition is seamless and that the data is flowing throughout the entirety of the project.**

# Demo of Resources: [gsl.noaa.gov/aqpi/](https://gsl.noaa.gov/aqpi/)

Openly accessible:

- Home page graphics - Radar, atmos forecast, coastal inundation, surface obs
- <https://psl.noaa.gov/aqpi/>
  - Look for “User Resources” to access recordings of all the meetings
- Radar graphics

Password Protected:

- Data Transfers (“machine to machine” text data files to agency FTP)
- Graphical Displays - Radar, atmos forecast, coastal inundation, surface obs
- System Status

# What's the value of the login vs. home page graphics?

- Zoom
- GIS overlays with mouse over metadata
- Change transparency
- Save preferences
- Loop speed control
- ESRI map background
- Mouse over data values
- Add all data at once
- Ability to customise image colors

# Get your login and password by Halloween



We have accounts set up for each agency, reach out to us if you don't have your login information.

[greg.pratt@noaa.gov](mailto:greg.pratt@noaa.gov)

[hilary.peddicord@noaa.gov](mailto:hilary.peddicord@noaa.gov)

It's my last DIWG meeting. Thank you!



Owl Miss You

Bring on the RAIN (for you)  
SNOW (for me)!



# Monitoring and Alerting

- Auto alerting of forecasted precipitation events via email. Email will contain:
  - URL to SF-Bay applications page:
    - <https://gsl.noaa.gov/aqpi/ui/sfbayusers.html>
  - URL to AQPI ftp site:
    - <ftp://userid@aqpi-ftp.gsd.esrl.noaa.gov/>
  - URL to AQPI graphic display:
    - <https://gsl.noaa.gov/aqpi/ui/?graphics>
- SF-Bay application page will have a graphic showing the event.