

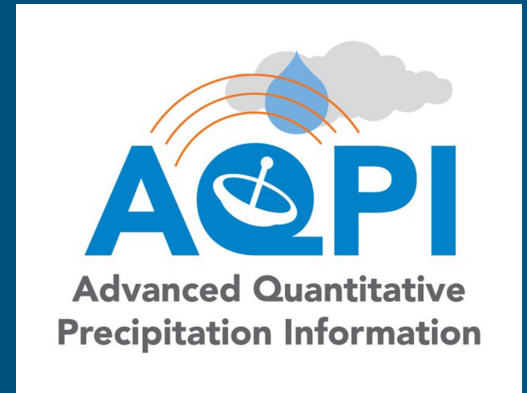
AQPI Data Implementation Working Group (DIWG)



Rebecca Pluche SFPUC Water Supply - Technical aspects of FTP data transfer, use cases for Water Supply

Mira Chokshi SFPUC Wastewater - Digesting the Data and Wastewater applications

Hilary/Greg Pratt/Michael Leon - Update - Machine to Machine - What's available and how to read it; Graphics - What's coming soon!



Machine-to-Machine Data Availability Status

- 1) Available today
 - a) Shortrange (1-18 Hour) forecasts from the High-Resolution Rapid Refresh model updated hourly.
 - i) Hourly Precipitation Accumulations
 - ii) 15-minute Precipitation Rates
 - b) Medium range (3 hours - 10 Days) forecast from the Global Forecast System model updated every six hours.
 - i) Total accumulations for model run.
- 2) Coming in February
 - a) Surface Observations updated every five minutes
 - b) Radar Observations updated every two minutes
 - i) 15-Minute Precipitation Accumulations
 - ii) 1-Hour Precipitation Accumulations
 - iii) Precipitation rates
 - c) National Water Model Forecasts updated hourly
 - i) Channel Flow Forecasts
 - d) Coastal Inundation Forecasts updated hourly
 - i) Inundation map forecasts
 - ii) Channel Flow Forecasts

Build out of Graphics Timeline

- 1) Separate interface for data selection (machine-machine) and graphics
- 2) Each product will have its own graphical display to start
- 3) Combine images to one display
- 4) Mouse over interrogation of underlying graphical data

Status of AQPI Graphical Display User Interface

- 1) AQPI Server Side
 - a) Auto Imaging WORKING!!!!
 - b) Ability to display the following
 - i) Surface observations
 - ii) Radar Observations
 - (1) Precipitation Rate
 - (2) 15-Minute Precipitation Accumulation
 - (3) 60-Minute Precipitation Accumulation
 - iii) Atmospheric Forecasts
 - (1) Short and Medium Range Precipitation Accumulation
 - (2) Short Range Precipitation Rates
 - c) Enhancements to Server Side for February
 - i) National Water Model River Flow Forecasts
 - ii) Coastal Inundation
 - (1) Inundation Map Forecasts
 - (2) River Flow Forecasts

Status of AQPI Graphical Display User Interface

- 1) AQPI Client Side
 - a) Working on Client Graphical Displays
 - i) First displays late February
 - ii) First release separate displays for each product.
 - iii) March start merging displays.
 - iv) March-April mouseover interrogation of images.