<u>AQPI Radar-Derived Quantitative</u> <u>Precipitation Estimation</u>

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- Working with
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Challenges of Estimating Precipitation in the Bay Area Urban Environment

Radar QPE Issues

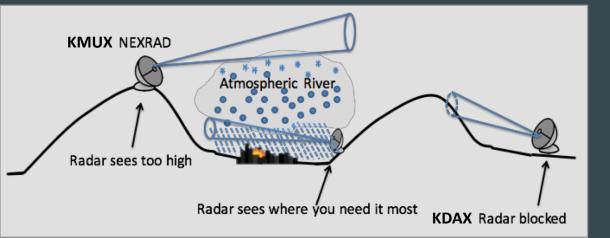
Physical Considerations

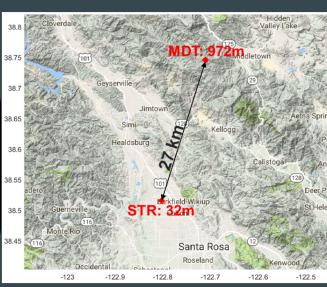
- Physical model of DSD
- Relation of physical model to radar parameters
 - Attenuation correction procedures

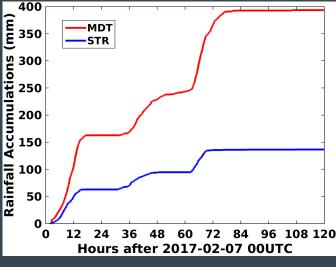
System Considerations

- Sampling and geometry considerations
 - Radar calibration
 - Measurement bias

End User QPE Product

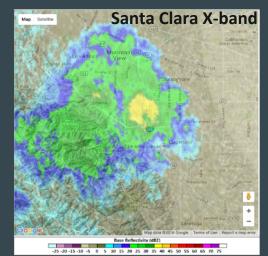




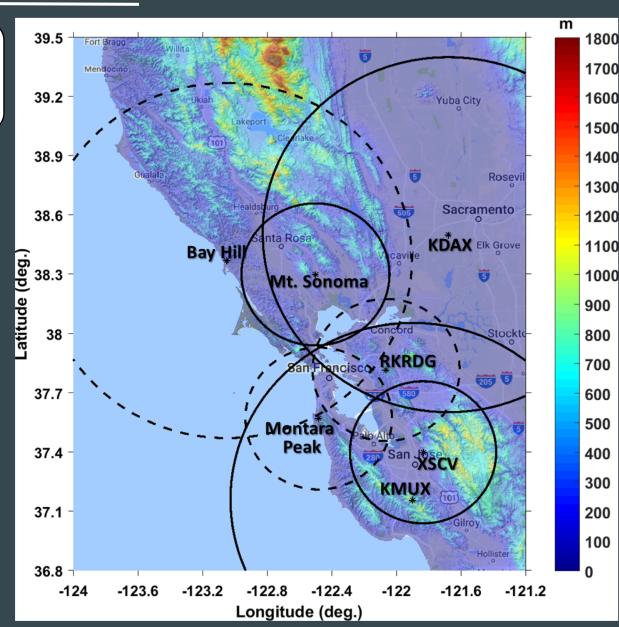


AQPI Radar Systems

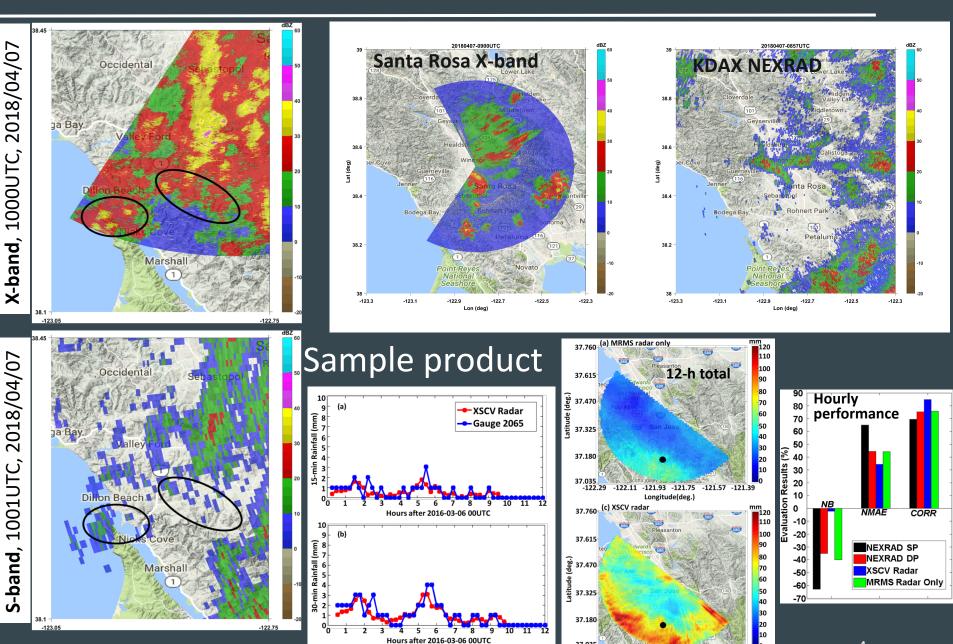
- Four X-band radars
- One C-band radar
- All are polarimetric systems
- Five disdrometers







AQPI X-band Radar Observations & Products



-122.29 -122.11 -121.93 -121.75 -121.57 -121.39