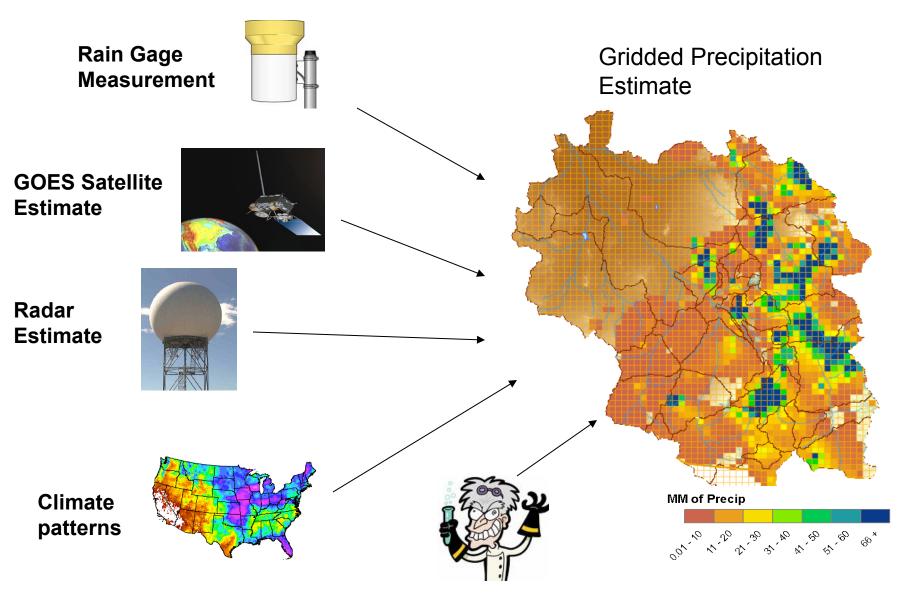
Precipitation Estimation and Analysis

Colorado Basin River Forecast Center

Outline

- Precipitation analysis methodology
- Web sites overview

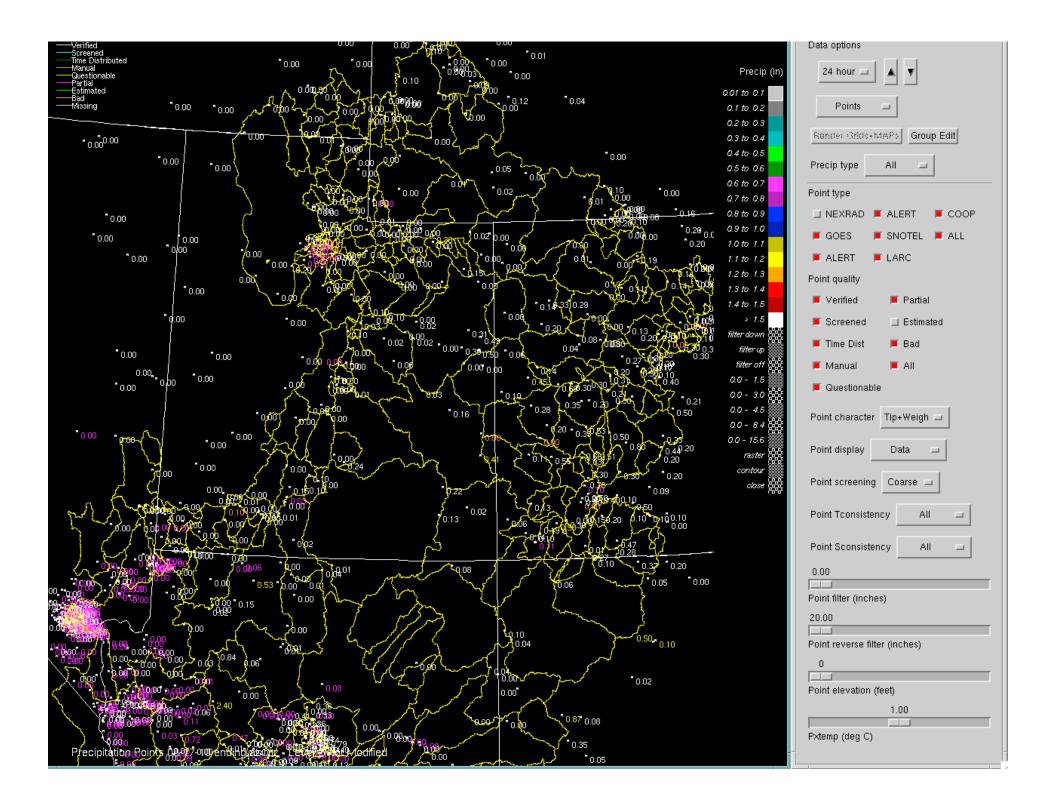
Quantitative Precipitation Estimates (QPE)

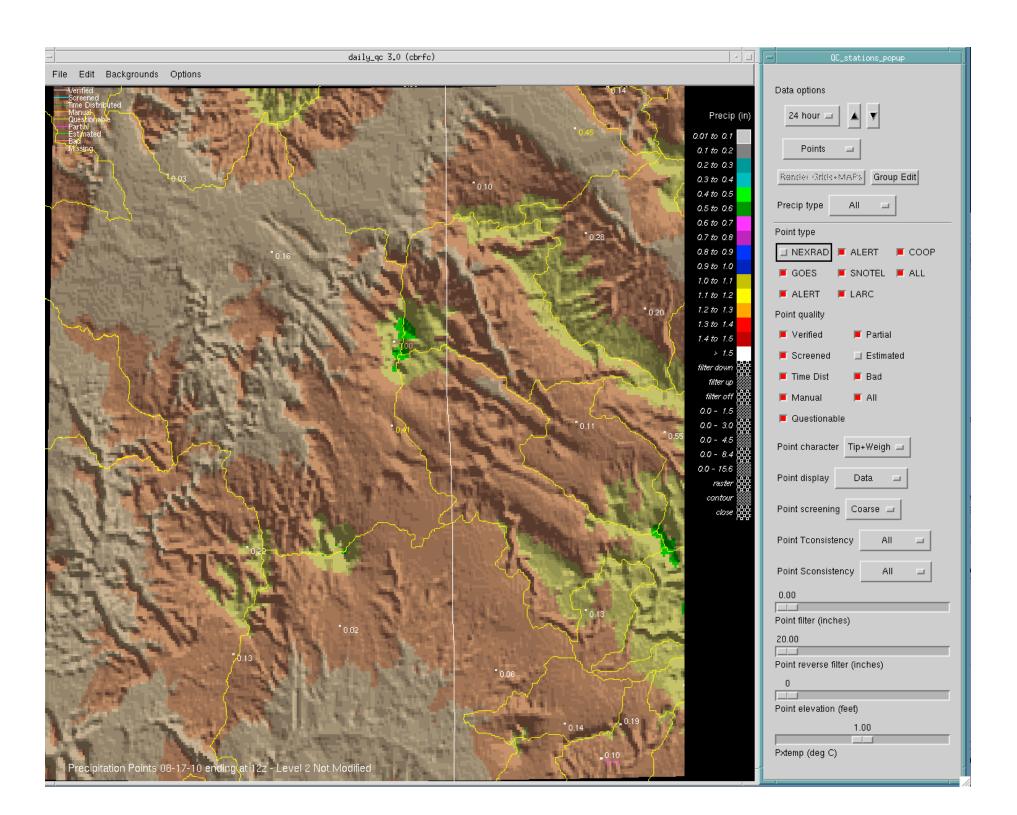


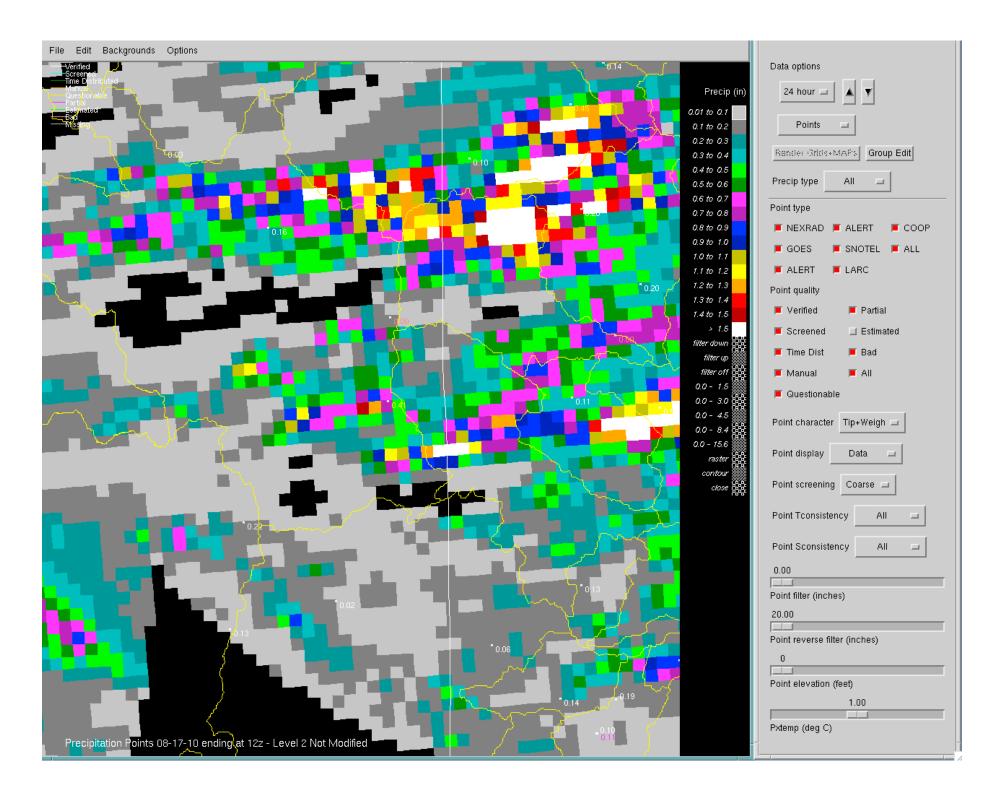
Forecaster Analysis

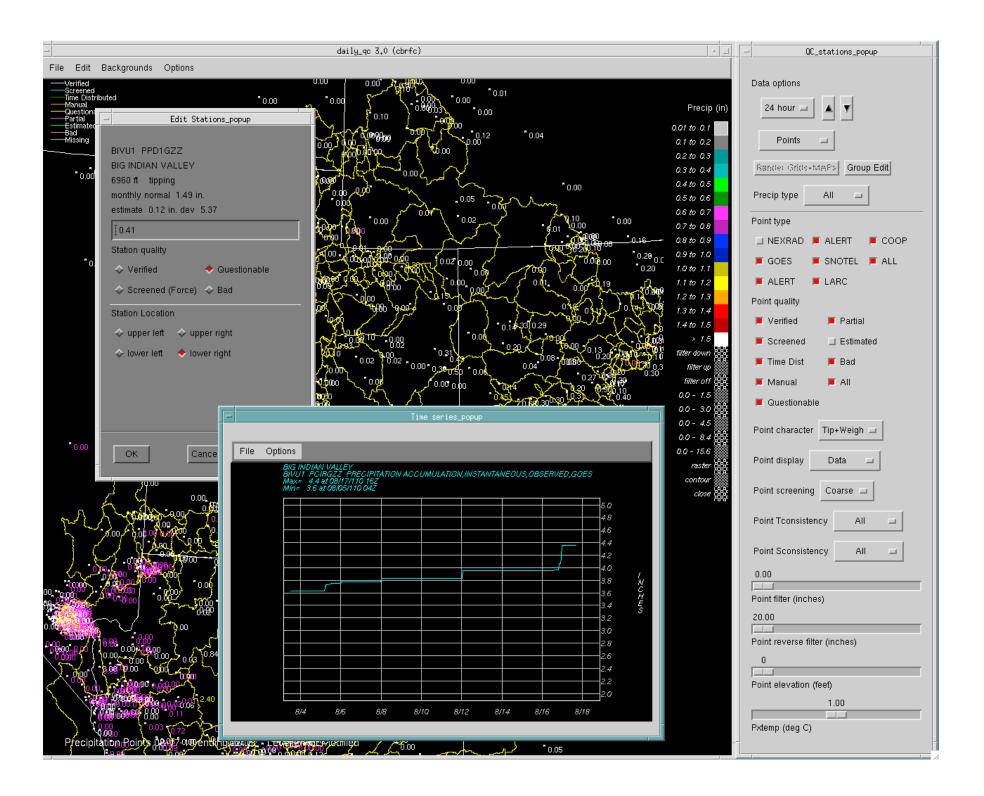
QPE (con't)

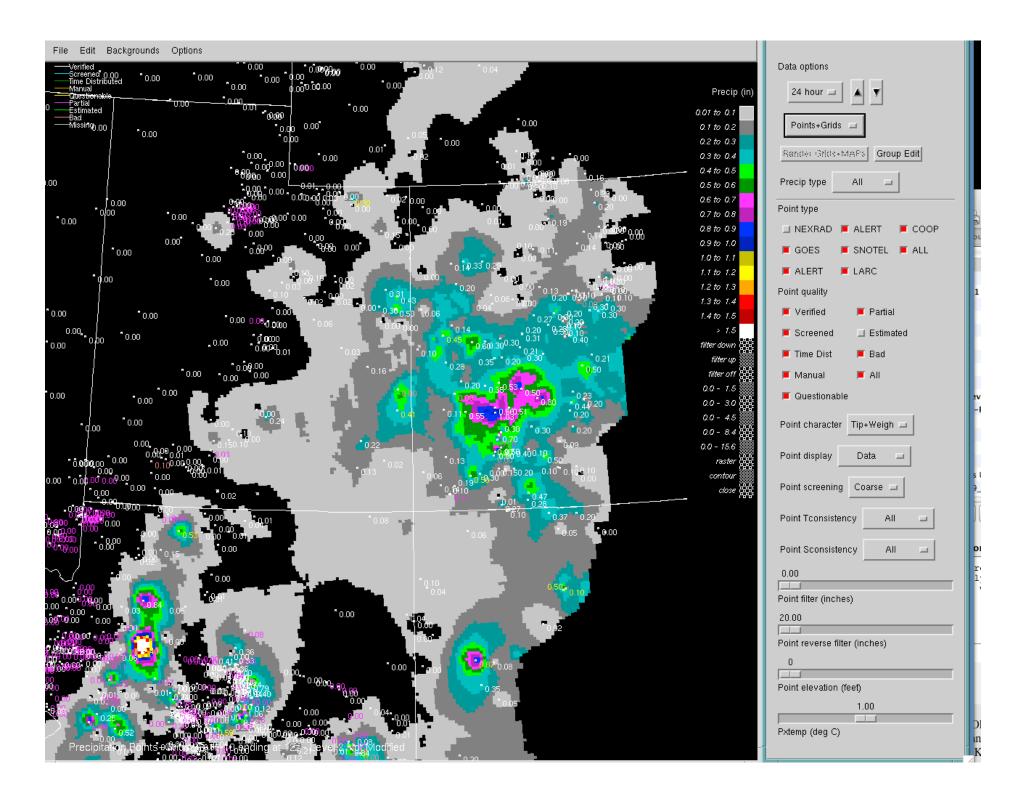
- Produced hourly, daily, monthly and seasonally
- Analysis procedures address bad sensors (e.g. frozen gauges)
 - Daily_qc software: Screens gauges based on nearby gauges using PRISM climatology to spatially interpolate
 - Multi-sensor Precipitation Estimator: Combines gauge, radar, and sometimes satellite estimates
- Output available through webpages

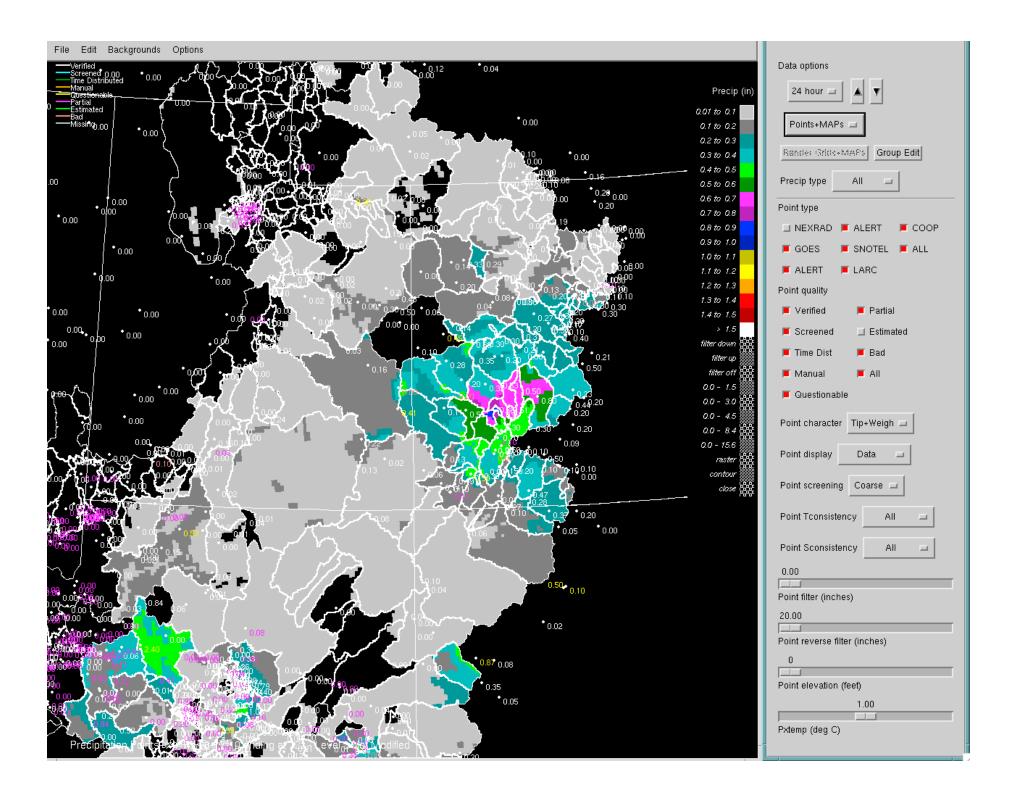


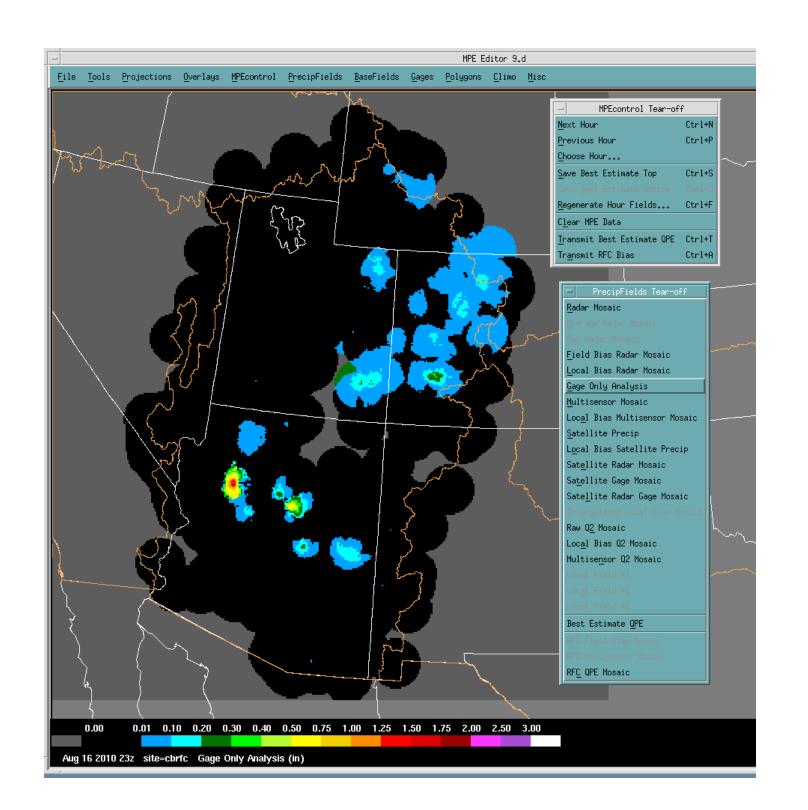


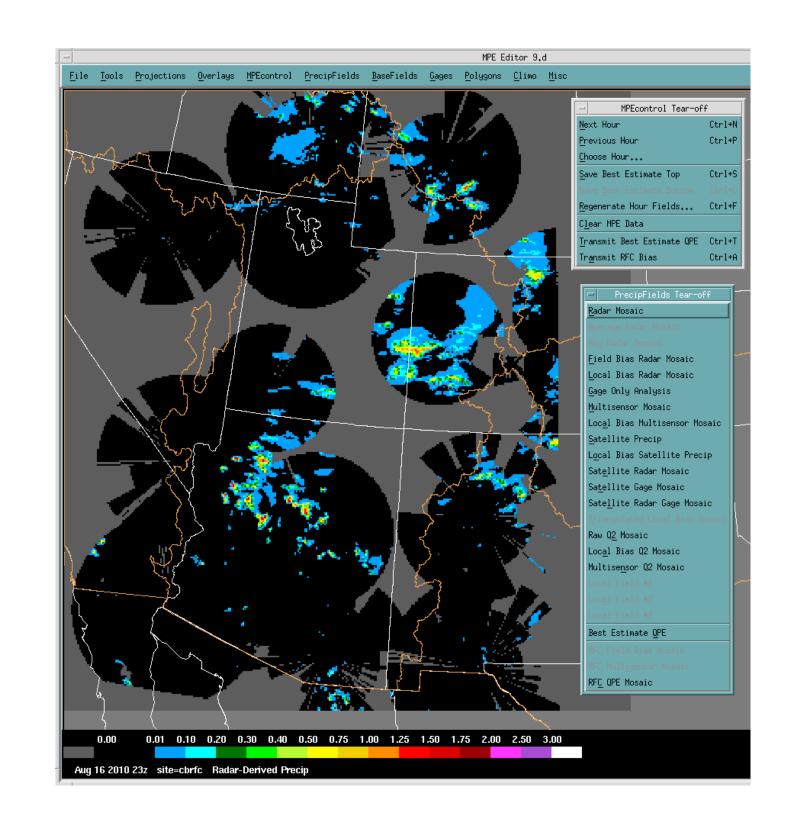


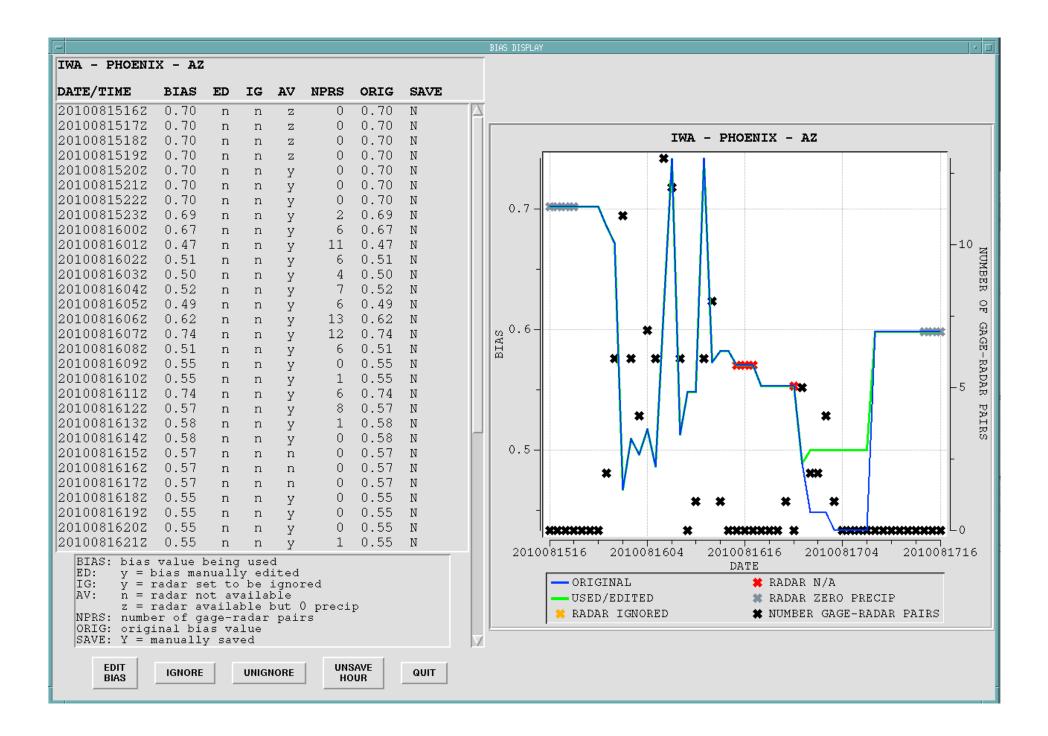


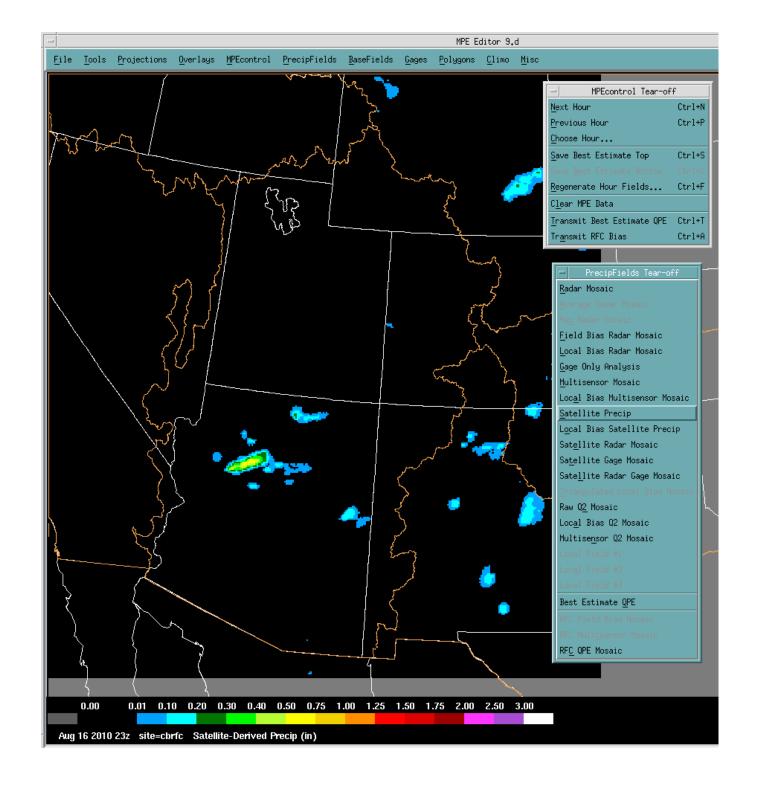


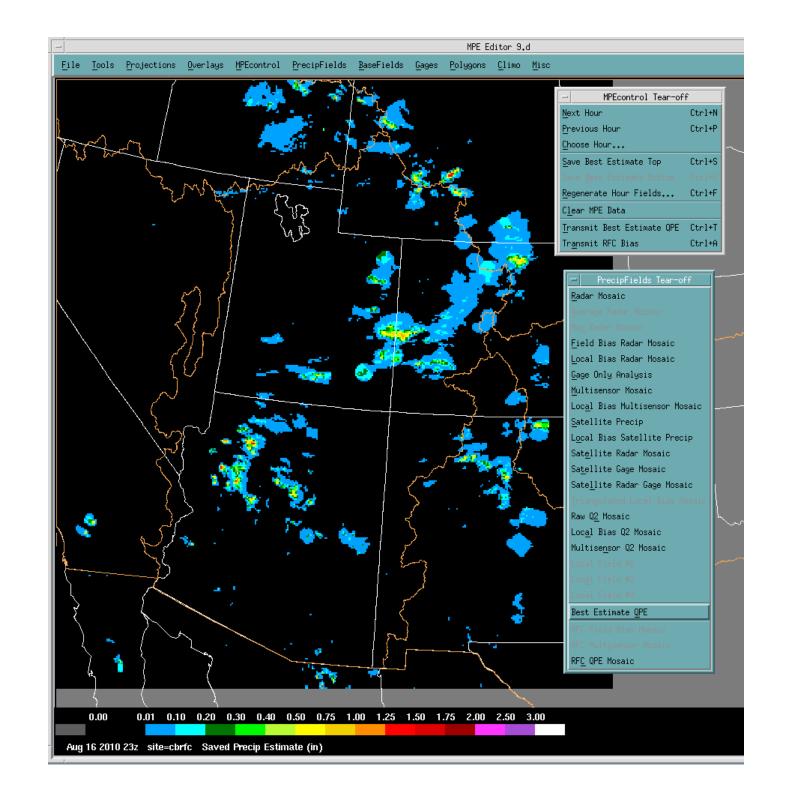


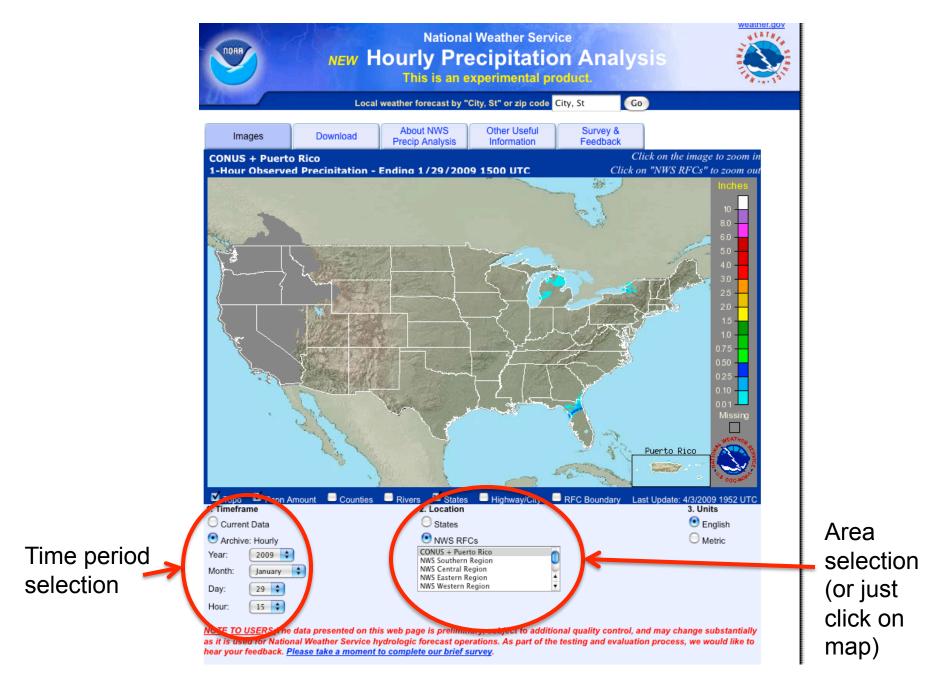




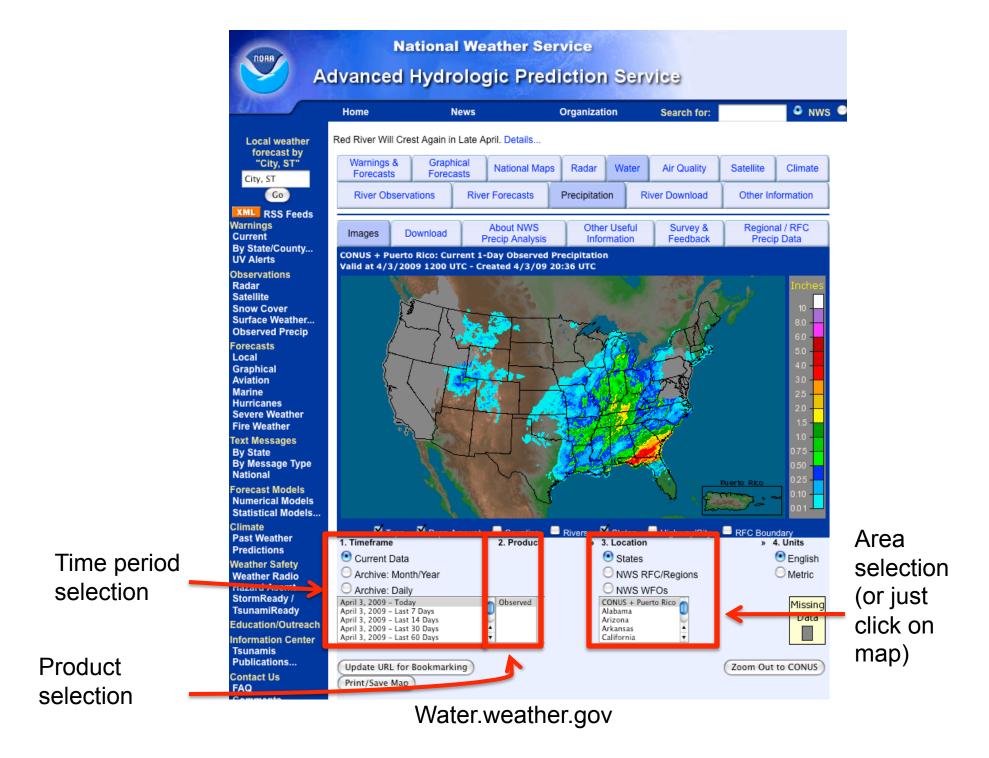


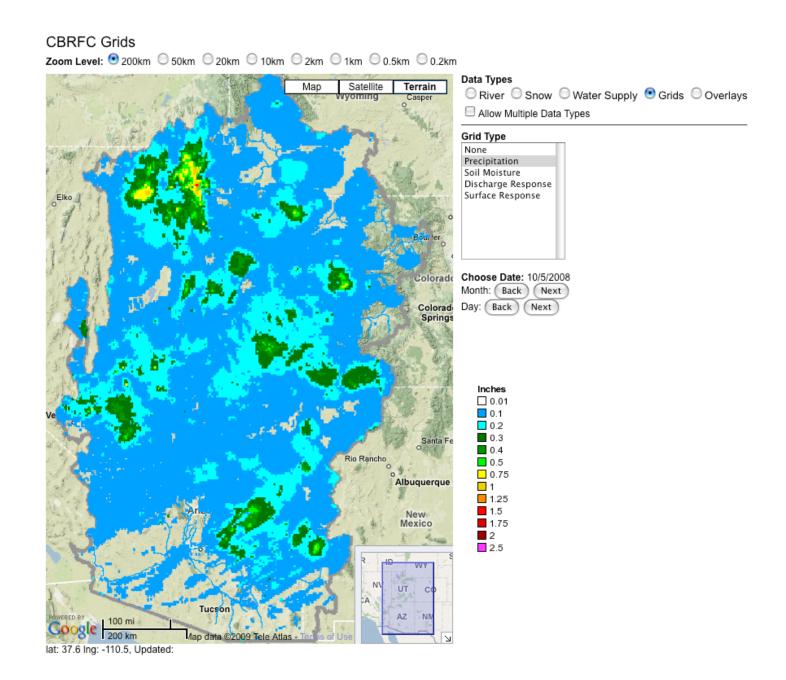






www.srh.noaa.gov/rfcshare/precip_analysis_hourly.php





Discussion Questions

- What information if any do you need about how the precipitation analysis was constructed?
- How useful is the precipitation analysis? How could it be more useful?
- How do you know if the analysis is "good enough" for your purposes? What is "good enough"?
- Are the precipitation pages useful?
- Is there anything you particularly like about the precipitation webpages?
- Is there anything you dislike about the precipitation webpages
- What additional features would you like to see on the webpages?