

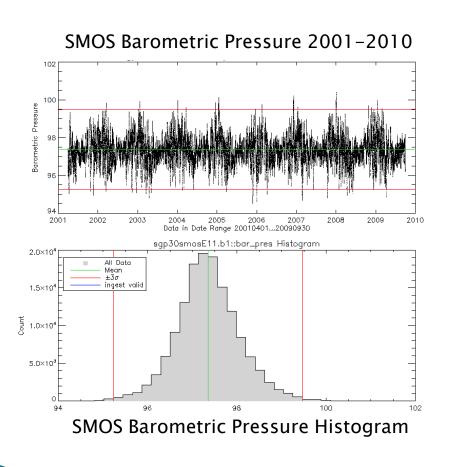
Tool to View Long-Term Trends and Detect Outliers

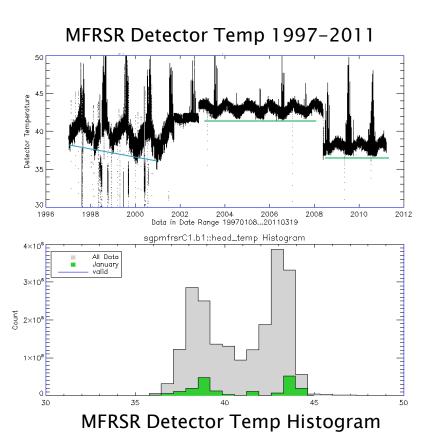
ARM Data Quality Office sean.moore@arm.gov

Data Tools Overview

- ANDERS
 - ARM NetCDF Data Extraction Request Software
- NCVweb
 - Inspect files for problems
 - Interactive plotting
 - Simple statistics
 - Show file metadata, values, extract data, etc
- ARM*STAR
 - Long term plots and statistics
 - Histograms
- DQ HandS Plot Browser
 - Browse many pre-made plots over many days at once
 - View by thumbnail or by list
 - Mix and match datastreams of interest
- Collaboration Wiki
- WebEx

Characterize Instrument Measurements & Engineering Data Identify Trends and Detect Problems

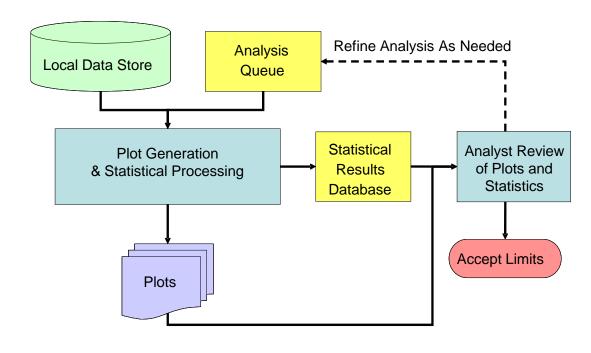




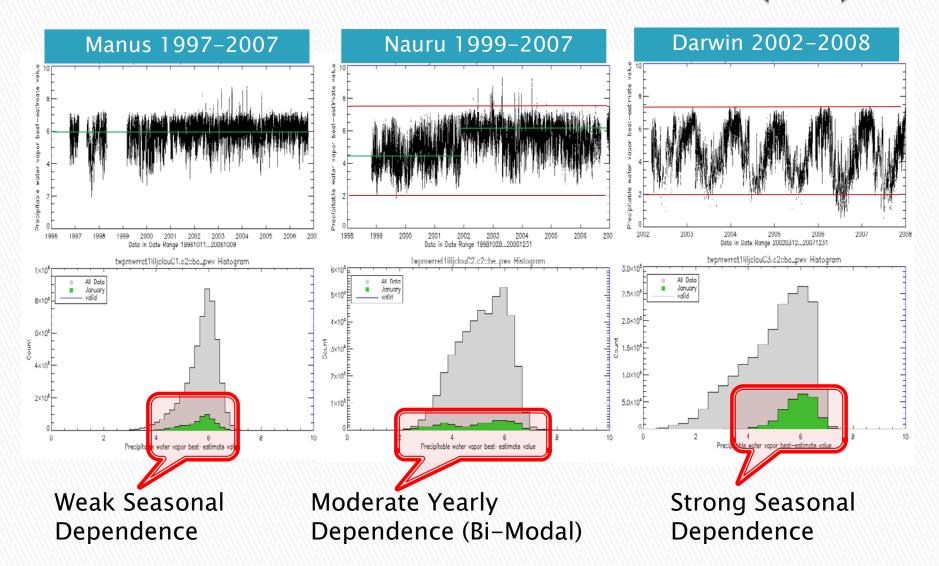
ARM*STAR

ARM STatistical Analysis Reports

- Combines data from many months, years or decades
- Computes statistics over custom time ranges
- Produces long-term plots
- Frequency Distributions
- Feedback loop with analysts to refine results
- Analysis details, statistics and proposed limits captured into a database at the DMF.



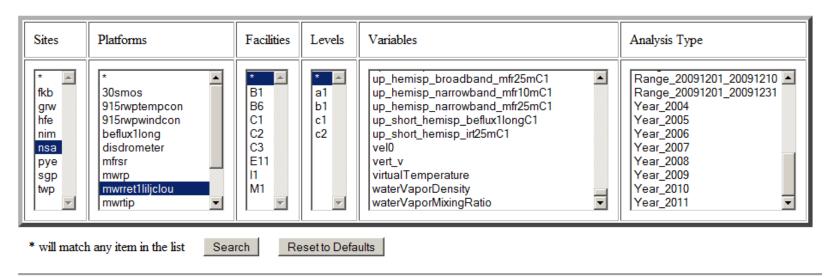
Review VAP Changes Before Release MWRRET Best Estimate PWV (cm)



Web-based Report Viewer

ARM STatistical Analysis Reports (ARM*STAR beta)

Find a report from this analyst: moore



Found these Reports:

1 nsa.mwrret1liljclou.C1.c2.be pwv.Entire.png
2 nsa.mwrret1liljclou.C2.c2.be pwv.Entire.png

http://dq.arm.gov/armstar/