Multi-Sensor Aerosol Products Sampling System (MAPSS)

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Satellite Remote Sensing of Dust, Fires, Smoke, and Air Quality, July 10-12, 2018
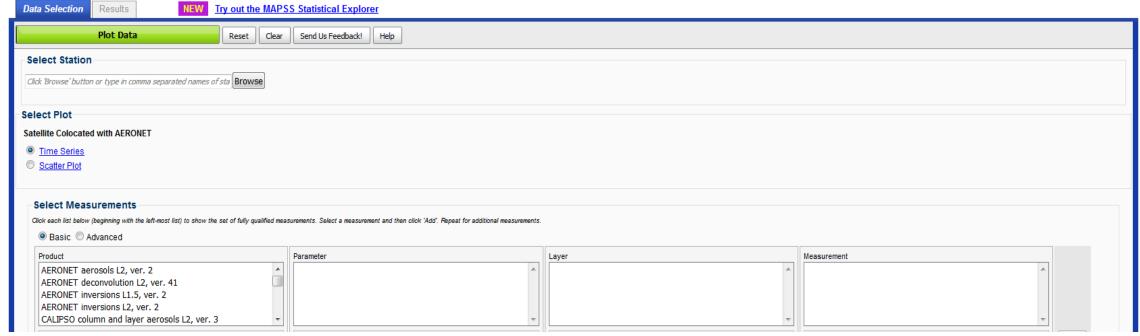
Multi-Sensor Aerosol Products Sampling System (MAPSS)

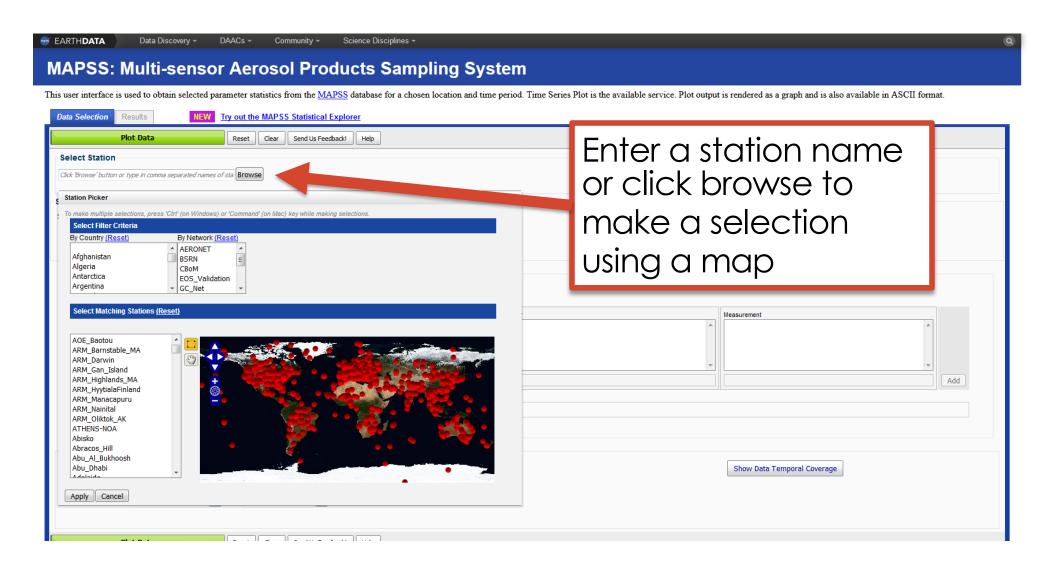**http://giovanni.gsfc.nasa.gov/aerostat/**

- MAPSS is a portal for evaluating and comparing various aerosol datasets with AERONET

Step 1: Select a Station

Enter a station name or click browse to make a selection using a map

Step 2: Select Plot Type and AERONET Measurement
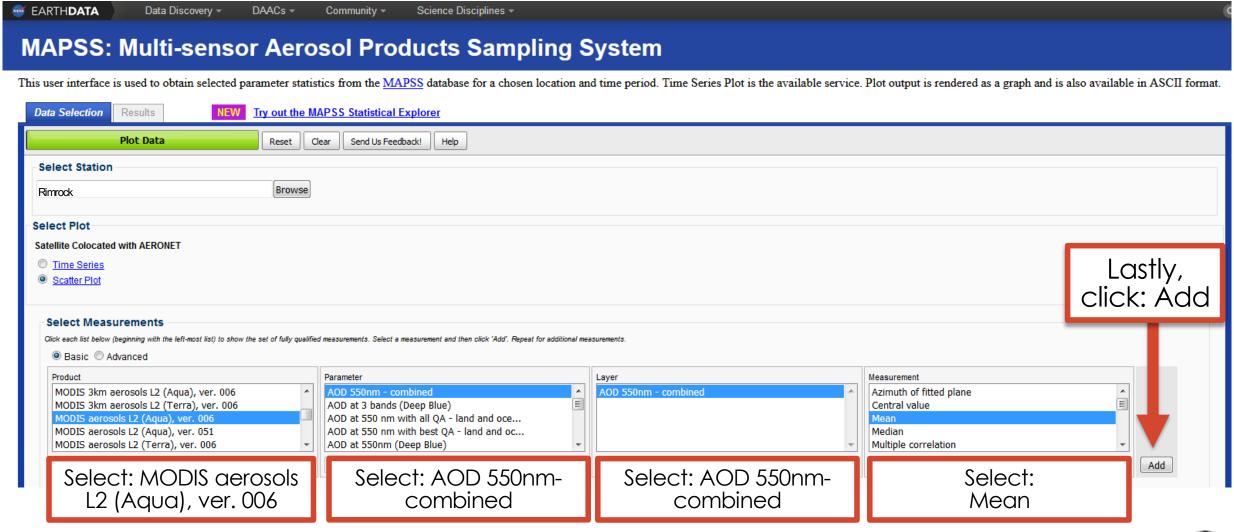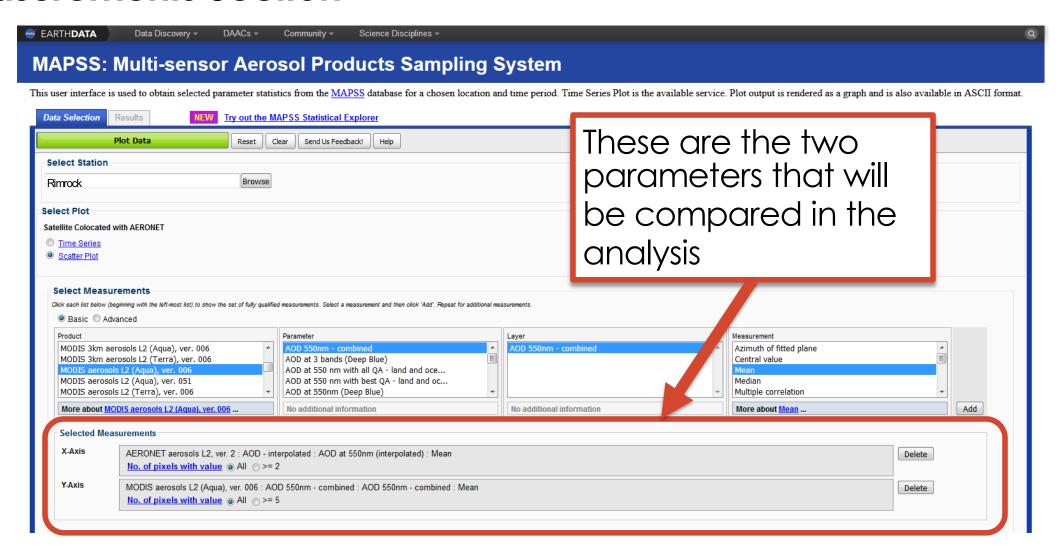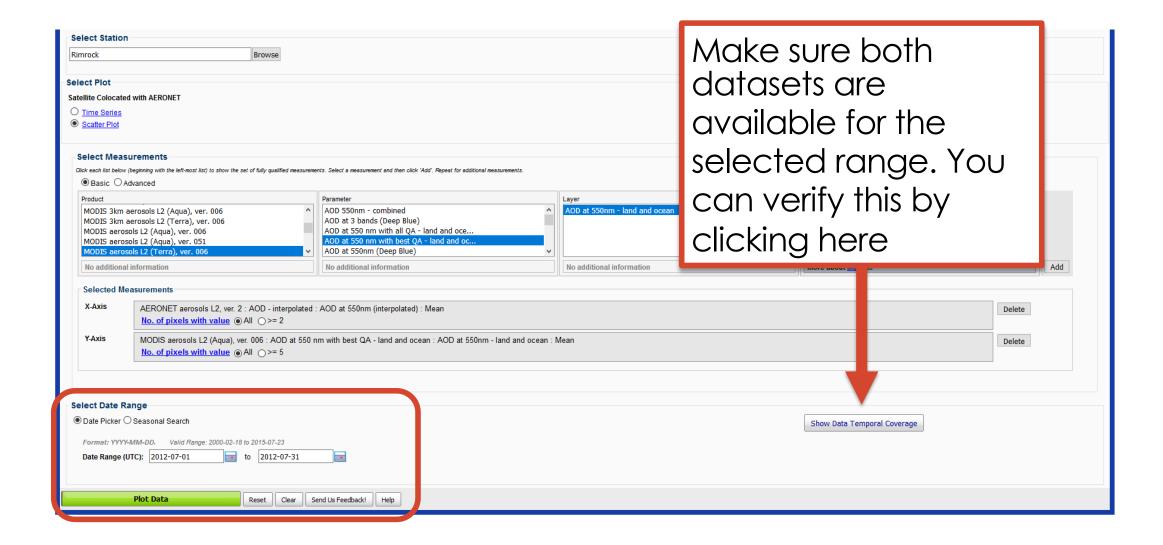
Selected Measurements Will Appear

Step 3: Select Satellite Measurement

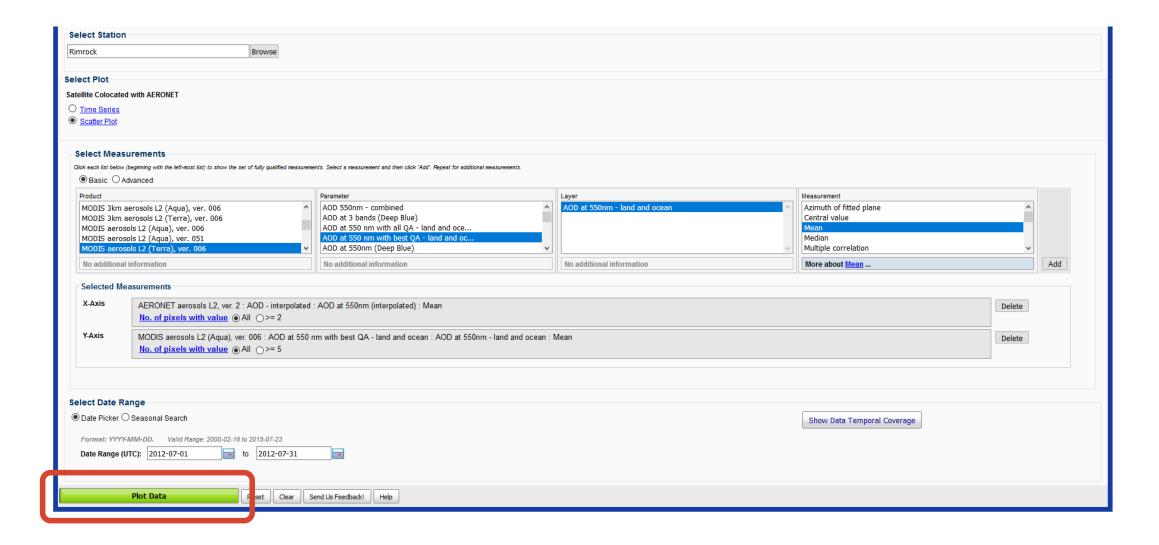# X and Y Axis Information Will Appear in the Selected Measurements Section

Step 4: Select a Date Range

Make sure both datasets are available for the selected range. You can verify this by clicking here

Step 5: Click Plot Data and Wait for Results

Exercise Questions:

- Which two parameters were compared?

- What is the location of the AERONET station you selected?

- Describe (correlation, slope, quality, etc.) the comparison of satellite AOD to AERONET in your region.