Accessing EPA PM Supersites Data in the NARSTO Data Archive

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U.S. EPA Particulate Matter Supersites Program data are being archived and are publicly accessible at the NARSTO Permanent Data Archive located at the NASA Langley Research Center Atmospheric Sciences Data Center (ASDC).

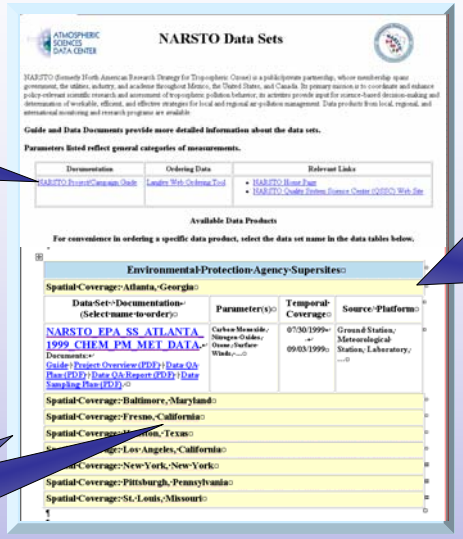
To access Supersites data at the ASDC:

- ***Link*** to the NARSTO Data Sets page

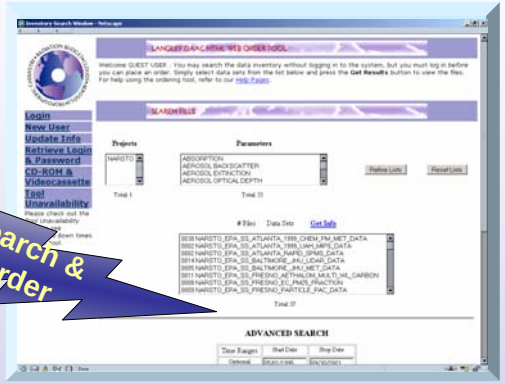
  [http://eosweb.larc.nasa.gov/PRODOCS/narsto/table_narsto.html]

- ***Browse*** data set descriptions or search for data
- ***Utilize*** flexible ordering system to obtain
  - data files for a given data set
  - all data files for a Supersite location, or
  - data files for a data type across Supersites
- ***Order*** and download data from ASDC FTP site
  - ASDC requires registration
  - Get notification of data updates

Link



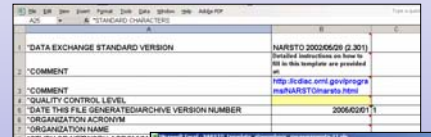
Search & Order



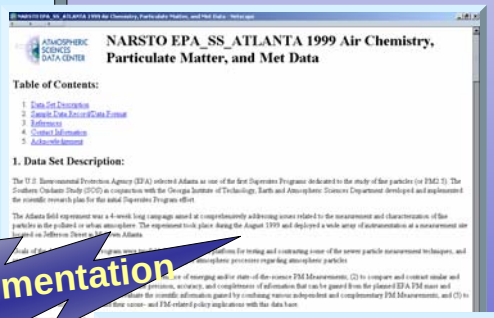
Data Sets

What you will find:

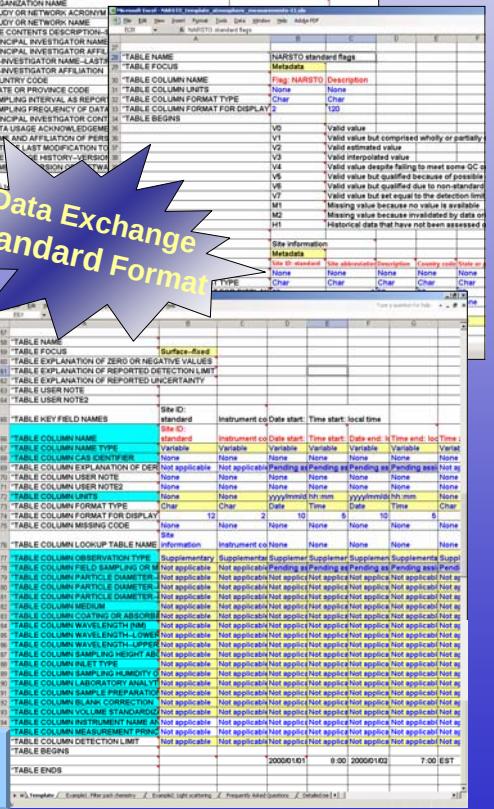
- ***Data*** from Phase 1 and 2 Supersites organized as project data sets
- ***Data types*** include:
  - filter and continuous PM mass and chemistry
  - particle number, size, and optical properties
  - meteorological measurements
  - canister VOC analyses
  - single particle size and chemical composition
  - continuous gaseous measurements, and LIDAR data.
- ***Documentation***:
  - Overview documents with points of contact
  - Readme files, example plots, and images
  - Companion project sampling plans, QA plans, final QA reports, etc.
- ***Data files*** in the NARSTO Data Exchange Standard (DES) format:
  - Tabular layout in ASCII comma-separated values (.csv) structure
  - Self-documenting spreadsheet format -- data provider, sites, flags, missing values, detection limits, standard conditions, sampling and analysis info.
  - DES uses standardized set of metadata fields -- consistent values for site information, parameter names, units, field and lab methods, etc.

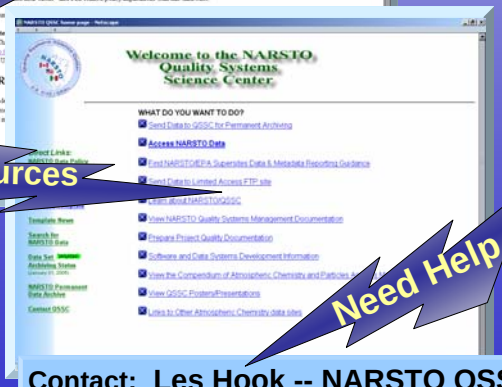


Data Exchange Standard Format



Documentation





Resources

Need Help ?

Contact: Les Hook -- NARSTO QSSC
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