



# Aerosol Measurements of the ARM Climate Research Facility

- US Department of Energy National Scientific User Facility
- Designed to improve the understanding and representation, in climate and earth systems models, of clouds and aerosols and their interactions
- In-situ and remote sensing observations
- Fixed, mobile, and aerial facilities
- Aerosol Observation Systems and Aerial facility provide measurements of absorption, scattering, concentration and composition

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- Fixed and Mobile sites provide column aerosol measurements of optical depth, extinction, and scattering
- Value Added Products
- Focused Science Working Groups and Modeling Testbeds
- US/European collaboration on Clouds, Aerosols, and Precipitation
- The scientific community is invited to collaborate through our Field Campaign process
- ARM data are free and openly available

Thank you