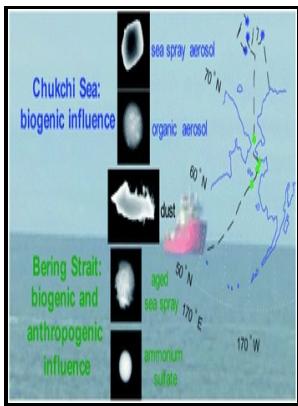


# Condensation-nuclei (Aitken particle) measurement system used in the NASA Global atmospheric sampling program

National Aeronautics and Space Administration, Scientific and Technical Information Office - Condensation nucleus

Description: -



- Napoleon, -- I, Emperor of the French.  
Condensation.  
Particles (Nuclear physics)  
Atmospheric nucleation -- Measurement.  
Air -- Pollution -- Measurement. Condensation-nuclei (Aitken particle) measurement system used in the NASA Global atmospheric sampling program

- Livre de poche -- 345  
NASA technical paper -- 1415.  
NASA technical paper ; 1415 Condensation-nuclei (Aitken particle) measurement system used in the NASA Global atmospheric sampling program  
Notes: Includes bibliographical references.  
This edition was published in 1979



Filesize: 12.67 MB

Tags: #AMT

## Aerosol Physical Properties and Processes

The measured species included mixing ratios of CO<sub>2</sub>, NO<sub>x</sub>, CO, SO<sub>2</sub>, particle no.

## Condensation Nuclei Counter (CNC)

The quantitative details of bulk chemical composition of particle samples began to appear in the 1950s with improved sampling and laboratory analytical procedures for study especially of the inorganic components of particles. ACTRIS provides documents for the operation of aerosol inlets, and operation and data processing of aerosol size distribution and cloud condensation nuclei measurements. Apel Reviewed by: three anonymous referees ATom Science Team Moffett Field, CA, NASA Ames Earth Science Project Office ESPO , , 2017.

## Characterizing the Particle Composition and Cloud Condensation Nuclei from Shipping Emission in Western Europe

SO<sub>2</sub> and O<sub>3</sub> concentrations in this air mass were high 610 ppt and 54 ppb, respectively. GHG emissions from the biogenic fuel life cycle crucially depended on energy plant prodn.

## Atmospheric photochemistry and secondary aerosol formation of urban air in Lyon, France

Each file has a number of lines with relevant metadata, followed by the corresponding data products. These products are derived from a large network of satellite microwave sensors going back to 1979.

## Atmospheric Aerosols: Some Highlights and Highlighters, 1950 to 2018

**Transport efficiency** The most important transport loss processes for aerosol flows in tubes are gravitational settling, laminar or turbulent diffusion, turbulent inertial deposition, and inertial deposition in bends cf.

### **Glossary of Terms and Acronyms**

Paul, MN, USA in a custom-built DMA system with non-recirculating sheath flow.

### **Characterizing the Particle Composition and Cloud Condensation Nuclei from Shipping Emission in Western Europe**

Such analyzes obviously could not be done by simply scrutinizing concentration patterns with weather maps.

### **Condensation Nuclei Counter (CNC)**

The downstream pressures occasionally experience fluctuations between 116 and 122 hPa with fast changes in ambient pressure, but discounting these episodes, remains between 119. Human respiratory tract model for radiological protection.

## Related Books

- [Embrittlement of metals - a series of four educational lectures on the embrittlement of metals prese](#)
- [Ecology and cultural continuity as contributing factors in the social organization of the Plains Ind](#)
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