

Name of research institute or organization:

Department of Chemistry, University of Copenhagen

Title of project:

Study of cloud condensation nuclei, part of CLACE-3 campaign

Project leader and team

Associate Research Professor Merete Bilde, Dr. Silvia Henning (post doc), Thomas Rosenørn (Ph.D student).
Part of CLACE-3 team

Project description:

A cloud condensation nucleus chamber (CCNC, University of Wyoming, CCNC-100B) was operated continuously for two weeks with the inlet aerosol alternating between total and interstitial aerosol. Data analysis is still in progress.

Key words:

Cloud condensation nuclei

Collaborating partners/networks:

CLACE-3

Scientific publications and public outreach 2004:

Conference papers

Activation behavior of ambient aerosol (Jungfraujoch, 3580 m ASL).
S. Henning, T. Rosenørn, E. Weingartner, U. Baltensperger, M. Bilde
Journal of Aerosol Science, Volume 35, Supplement 1, July 2004, Pages 67-68

Data books and reports

Cloud condensation nuclei measurements at Jungfraujoch, 3580 m ASL
S. HENNING, T. ROSENØRN, E. WEINGARTNER, U. BALTENSPERGER AND
M. BILDE
Report Series in Aerosol Science, Finish Association for Aerosol Research, 2005
71A, 173-176.

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