

AEROCLO-sA PEGASUS CCN concentration

General information

Dataset name: AEROCLO-sA PEGASUS CCN concentration
Created on: 2021-05-19

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2017-08-20
Date end (yyyy-mm-jj): 2017-09-13

Project(s)

AEROCLO

Data description

Abstract

Cloud Condensation Nucleus number concentration measured at the surface level at Henties Bay.

Observing strategy

The CCN Concentration was measured by "homemade" Greg Roberts CCN counter operated in the PEGASUS mobile lab. Air was taken into the instrument from one of the two custom-built high volume wind-orientable inlet of the mobile station. The CCNC counter apply supersaturation between 0.1 and 0.7 %

Instrument information

Sensor

Instrument type: In Situ/Laboratory Instruments

Sensor resolution

Observation frequency: 1 Hz

Geographic information

PEGASU8S

Location name:	PEGASU8S
Platform type:	GROUND-BASED OBSERVATIONS

Measured parameter

Cloud Condensation Nuclei

Parameter keyword:	Atmosphere > Aerosols > Cloud Condensation Nuclei
Unit:	Number per cm ³ - cm ⁻³
Date begin (yyyy-mm-jj):	2017-08-20
Date end (yyyy-mm-jj):	2017-09-13

Data use information

Use constraints:	The dataset will be publicly released after a two-year embargo period ending on October 2019. Meanwhile, data are made available to associated partners by email request (aeroclo-sc@lisa.u-pec.fr) upon approval by the project scientific steering committee.
Data policy:	AEROCLO data policy
Database:	AEROCLO-sA on BAOBAB
Original data format(s):	NASA Ames 1001