Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T89
IMEI: 300534061341520
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 02.06.2023 13:00
Position (Lat/Lon): -70.59680/-8.00807
Region: Atka 11
Contact:
Lukas Muser (AWI)
Expedition name: AFIN 2023
Means of deployment: stationary time series

Snow and ice conditions

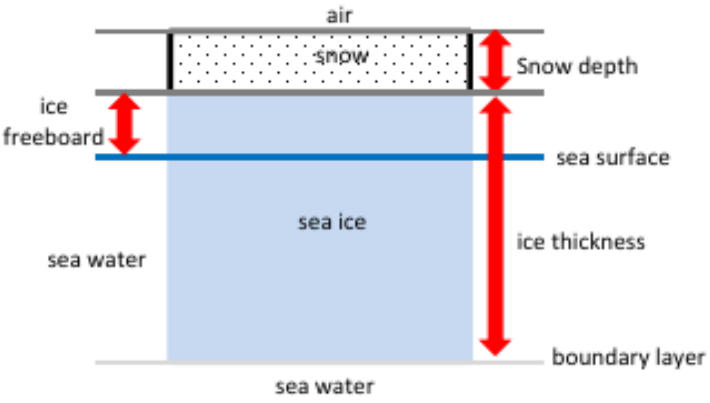
Snow depth: 0.105 m
Ice thickness: 0.885 m
Ice freeboard: 0.055 m
Ice types:
Fast Ice

Buoy-specific parameters

Chain length: 10 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 135
Sensor sea surface (Sensor ID): 93
Sensor snow ice (Sensor ID): 90
Sensor air snow (Sensor ID): 85



Photo credits:



Additional information *(comments, weather, topography, ice floe size, etc.)*

Position north of Atka11 on immobile fast ice, partly uneven surface with rafted ice. Test drills at three locations to find a spot without rafted ice
Platelet ice layer thickness: 18,5 cm