Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2022S110
IMEI: 300534061254930
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 29.06.2022 14:00
Position (Lat/Lon): -70.59127/-7.82489
Region: Atka Bay
Contact:
Markus Schulze (AWI)
Stefanie Arndt (AWI)
Expedition name: AFIN 2022
Means of deployment: stationary time series

Snow and ice conditions

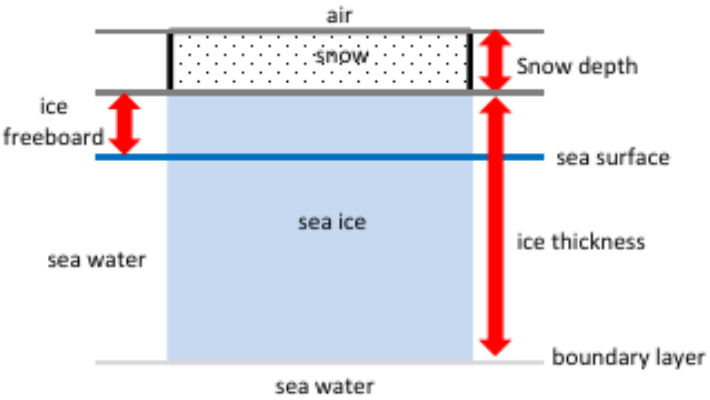
Snow depth: 0.05 m
Ice thickness: 1.105 m
Ice freeboard: 0.11 m
Ice types:
Fast Ice

Buoy-specific parameters

Initial sh1: 0.05 m
Initial sh2: 0.04 m
Initial sh3: 0.05 m
Initial sh4: 0.06 m
Temp correction: off



Photo credits: Stefanie Arndt



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

Position next to Atka 11, Temperature: -35...-26 °C, Wind: E 10 kn, clear sky, mostly even snow cover on immobile fast ice