Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2020S55
IMEI: 300234065740680
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 30.07.2020 12:30
Position (Lat/Lon): -70.59930/-7.70190
Region: Atka 16, Atka Bay, Antarctica
Contact:
Anna-Marie Jörrs (AWI)
Stefanie Arndt (AWI)
Expedition name: AFIN 2020
Means of deployment: Snow mobile

Snow and ice conditions

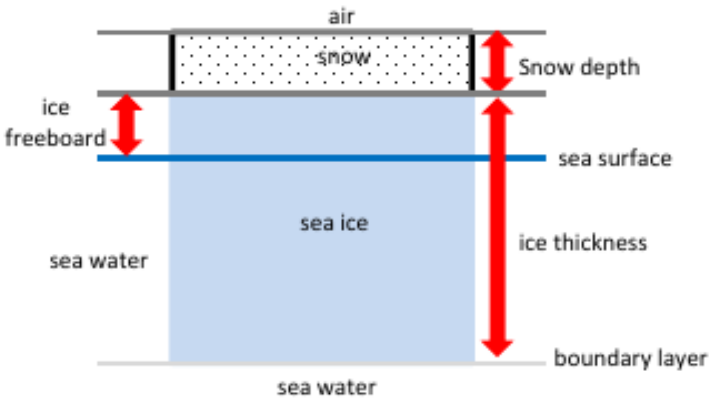
Snow depth: 0.41 m
Ice thickness: 1.23 m
Ice freeboard:
Ice types:
Fast Ice

Buoy-specific parameters

Sensor gps stop: 2021-07-16 10:03 UTC
Sensor temp stop: 2021-07-16 10:03 UTC
Sensor press stop: 2021-07-16 10:03 UTC
Sensor sh4 stop: 2021-07-16 09:02 UTC
Sensor sh3 stop: 2021-07-16 09:02 UTC
Sensor sh2 stop: 2021-07-16 09:02 UTC
Sensor sh1 stop: 2021-07-16 09:02 UTC
Initial sh1: 0.425 m
Initial sh2: 0.41 m
Initial sh3: 0.385 m
Initial sh4: 0.415 m
Temp correction: off



Photo credits: Stefanie Arndt



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

Snow depth [cm]: 41
Ice thickness [cm]: 123
Platelet ice thickness [cm]: 163
Ice Freeboard [cm]: +6