Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023S125
IMEI: 300234060727760
WMO number: 2802065
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 30.08.2023 17:50
Position (Lat/Lon): 84.94280/129.35577
Region:
Contact:
Ian Raphael (Dartmouth)
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Helicopter

Snow and ice conditions

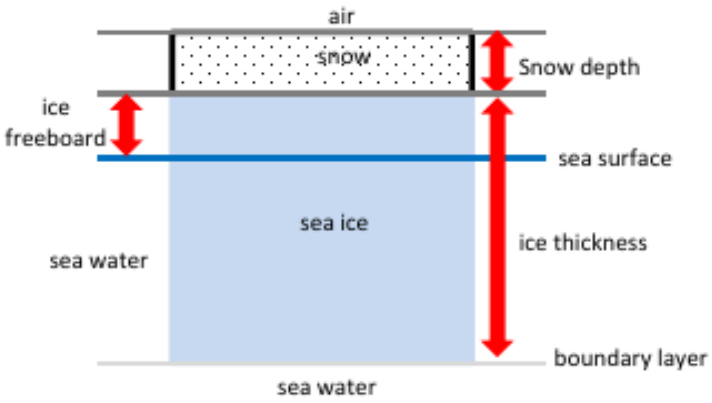
Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
Level Ice
SYI (Second Year Ice)

Buoy-specific parameters

Temp correction: off
Initial sh4: 0.03 m
Initial sh3: 0.01 m
Initial sh2: 0.01 m
Initial sh1: 0.02 m



Photo credits:



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

scattering layer 0.03m at all pingers plus snow: SH1: 2cm, SH2: 1cm SH3: 1cm, SH2: 3cm, level second year-ice