Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023S100
IMEI: 300234066088170
WMO number: 1801768
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 09.09.2023 12:45
Position (Lat/Lon): 89.91700/0.73600
Region:
Contact:
Marcel Nicolaus (AWI)
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

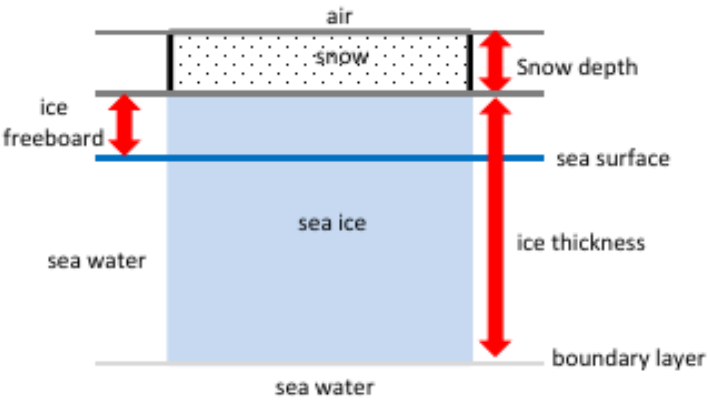
Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Initial sh4: 0.17 m
Initial sh3: 0.18 m
Initial sh2: 0.18 m
Initial sh1: 0.2 m
Temp correction: off



Photo credits:



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

SH1: 0.2 m, SH2: 0.18 m, SH3: 0.18 m, SH4: 0.17 m, probably first-year ice