Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T110
IMEI: 300534061780910
Buoy type: Thermistor Buoy
Buoy owner: Polar Research Institute of China

Deployment information

Date and Time (UTC): 10.09.2023 07:50
Position (Lat/Lon): 89.82200/-2.64100
Region:
Contact:
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

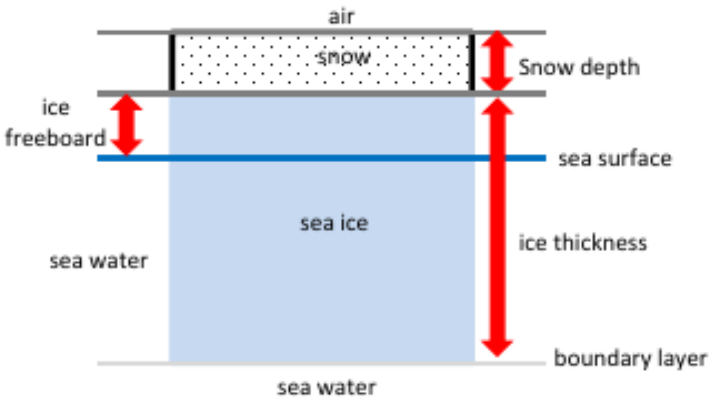
Snow depth: 0.07 m
Ice thickness: 2.82 m
Ice freeboard: 0.15 m
Ice types:
FYI (First Year Ice)
Ridge

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor air snow (Sensor ID): 31



Photo credits:



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

ridge around 50 m from buoy site, deployed on ridge flank, hole filled with slush
ice thickness 2.82 m, freeboard 0.15 m, snow depth 0.07 m, thermistor 31 at surface, deployed on ridge flank of probably first-year ice