Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T100
IMEI: 300534061348580
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 13.09.2023 13:45
Position (Lat/Lon): 87.92100/59.49000
Region:
Contact:
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

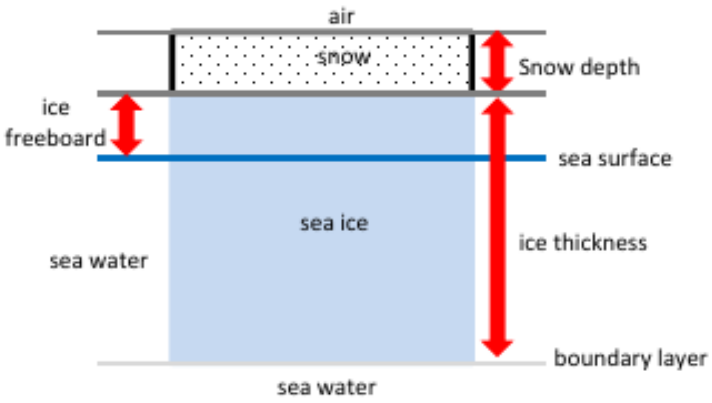
Snow depth: 0.1 m
Ice thickness: 0.96 m
Ice freeboard: 0.04 m
Ice types:
FYI (First Year Ice)
Level Ice

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor air snow (Sensor ID): 37



Photo credits:



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

ice thickness: 0.96 m, freeboard: 0.04 m, snow depth: 0.1 m, thermistor 37 at surface, level first-year ice