Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T109
IMEI: 300534061784850
Buoy type: Thermistor Buoy
Buoy owner: Polar Research Institute of China

Deployment information

Date and Time (UTC): 29.08.2023 15:30
Position (Lat/Lon): 85.01568/129.82483
Region:
Contact:
Daniel Scholz (AWI)
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Helicopter

Snow and ice conditions

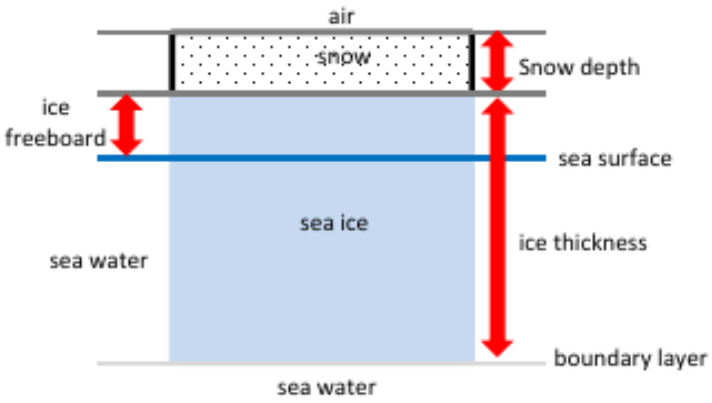
Snow depth:
Ice thickness: 1.4 m
Ice freeboard: 0.2 m
Ice types:
Level Ice
SYI (Second Year Ice)

Buoy-specific parameters

Sensor air snow (Sensor ID): 25



Photo credits:



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

ice thickness 1.4m, freeboard: 0.2m, snow/scattering layer: 0.05m, thermistor 25 at surface, probably level second year-ice