Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T103
IMEI: 300234065171791
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 30.08.2023 18:05
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

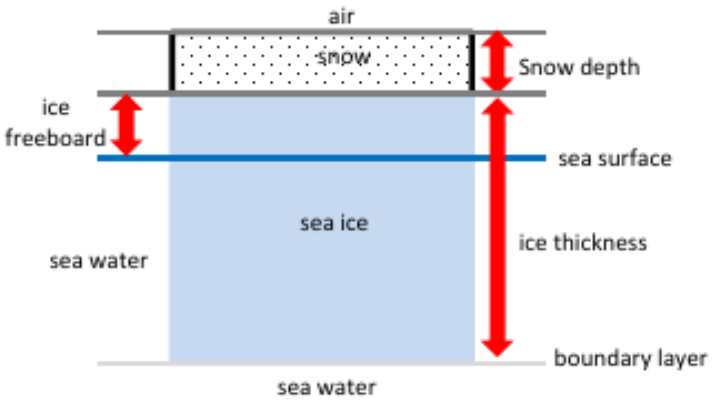
Snow depth:
Ice thickness: 1.95 m
Ice freeboard: 0.3 m
Ice types:
Level Ice
SYI (Second Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor air snow (Sensor ID): 34



Photo credits:



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

ice thickness 1.95m, freeboard: 0.3m, snow/scattering layer: 0.05m, thermistor 34 at surface, level second year-ice