Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T107
IMEI: 300534063050430
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 03.09.2023 12:00
Position (Lat/Lon): 88.46383/114.36167
Region:
Contact:
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

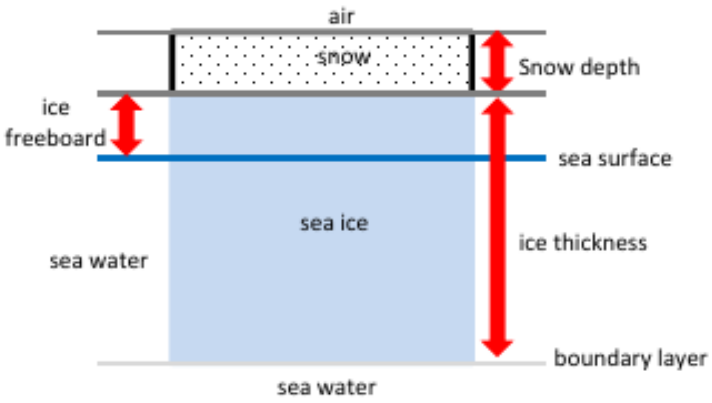
Snow depth: 0.1 m
Ice thickness: 1.6 m
Ice freeboard: 0.12 m
Ice types:
Level Ice
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor air snow (Sensor ID): 26



Photo credits:



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

hole filled with slush and new snow on top, 10 m from snow buoy
ice thickness 1.6 m, freeboard 0.12 m, snow depth 0.1 m, thermistor 26 at surface, level second year-ice