Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T105
IMEI: 300534063054440
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 31.08.2023 22:00
Position (Lat/Lon): 84.94028/129.40530
Region:
Contact:
Marcel Nicolaus (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - mummy

Snow and ice conditions

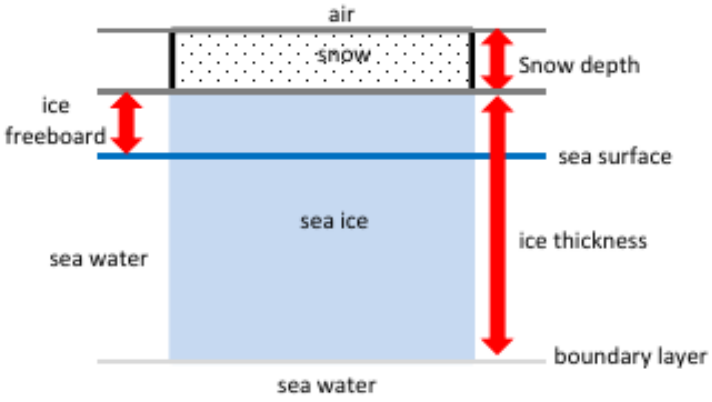
Snow depth: 0 m
Ice thickness: 0.98 m
Ice freeboard: 0.06 m
Ice types:
FYI (First Year Ice)
Level Ice

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor air snow (Sensor ID): 28



Photo credits:



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

draft 0.92 cm
ice thickness: 0.98m, freeboard 0.06m, scattering layer: 0.01m, thermistor 28 at surface, level first-year ice