Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T106
IMEI: 300534063056460
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 28.08.2023 13:45
Position (Lat/Lon): 85.03133/130.39110
Region:
Contact:
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

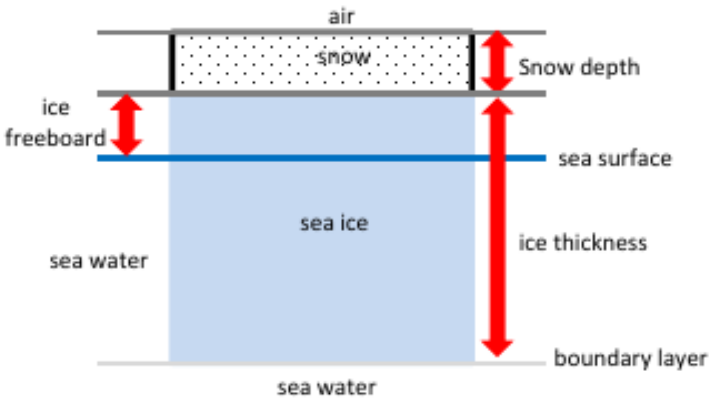
Snow depth: 0.03 m
Ice thickness: 1.52 m
Ice freeboard: 0.2 m
Ice types:
Level Ice
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 15 m
Total number of sensors: 265
Sensor spacing: 0.02 m
Sensor air snow (Sensor ID): 29



Photo credits:



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

ice thickness 1.52m, freeboard: 0.2m, snow/cattering layer: 0.03m, thermistor 29 at surface, level second year-ice