Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2024T101
IMEI: 300534061349520
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 25.09.2024 09:48
Position (Lat/Lon): 86.99298/58.43283
Region: Central Arctic
Contact:
Mario Hoppmann (AWI)
Expedition name: Polarstern PS144-Arcwatch 2-2024
Means of deployment: Ship - gangway

Snow and ice conditions

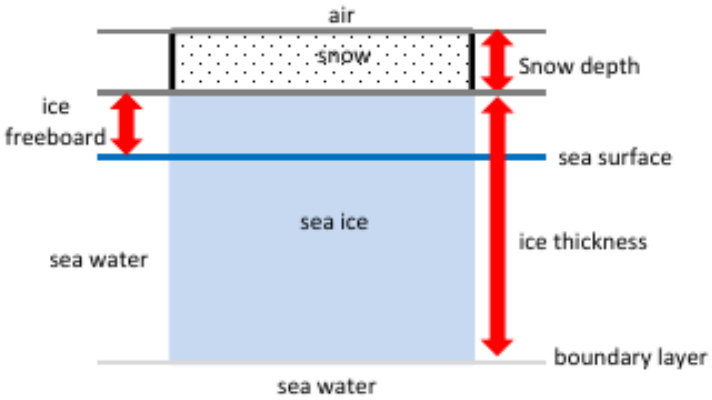
Snow depth: 0.05 m
Ice thickness: 1.45 m
Ice freeboard: 0.19 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor air snow (Sensor ID): 32



Photo credits:



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

ice thickness 1.45m, snow depth 0.05m, FB 0.19m; thermistor 32 at surface; 10m from Snow Buoy