Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2025T141
IMEI: 300534063688470
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 11.08.2025 07:24
Position (Lat/Lon): 89.98333/51.55000
Region: Geographical North Pole
Contact:
Isabel Krüll (AWI)
Laura Wolpmann (AWI)
Expedition name: Charcot 2025
Means of deployment: Ship - gangway

Snow and ice conditions

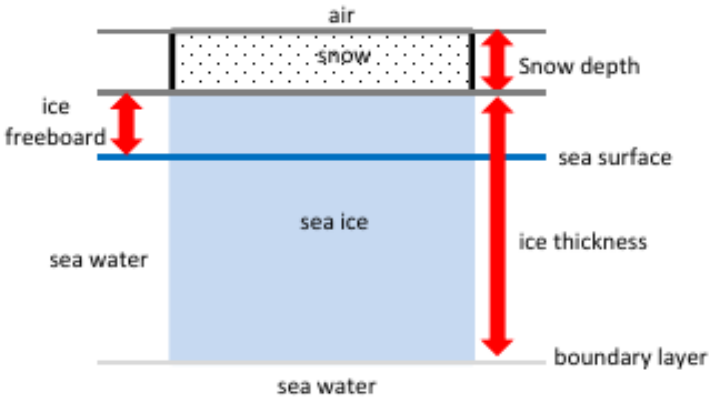
Snow depth: 0.03 m
Ice thickness: 3 m
Ice freeboard:
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m



Photo credits:



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

One day station on mid size ice floe at geographic North Pole
Cloudy and foggy, no sun
Many melt ponds
Buoy is deployed close to a ridge (20 m), as far away as possible from next melt pond (~ 40-50 m)
Height of bottom of thicker Y piece in cable above ice surface: 75 cm