Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2025T142
IMEI: 300534063680470
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 14.09.2025 11:40
Position (Lat/Lon): 89.96500/177.79600
Region: Geographical North Pole
Contact:
Christian Haas (AWI)
Expedition name: Charcot 2025
Means of deployment: Ship - gangway

Snow and ice conditions

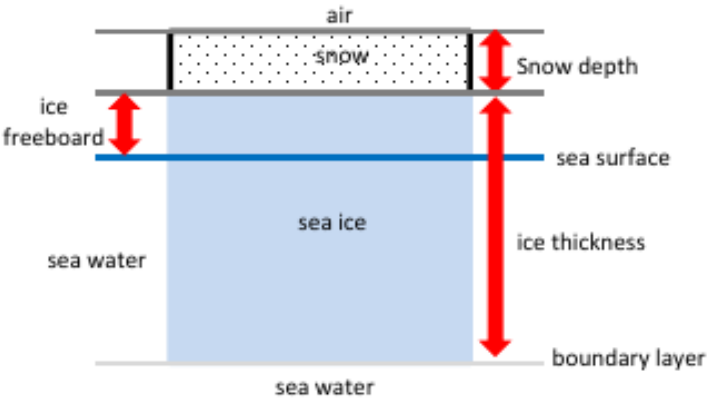
Snow depth: 0.12 m
Ice thickness: 1.42 m
Ice freeboard: 0.14 m
Ice types:
Old ice from Laptev Sea

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: 68 cm (46 cm above snow), Sensor air - snow: unknown, Height if Tair thermistor: 0.70 m above snow