Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2024T123
IMEI: 300534064067330
Buoy type: Thermistor Buoy
Buoy owner: Unknown at import time

Deployment information

Date and Time (UTC): 15.09.2024 21:00
Position (Lat/Lon): 89.86667/-31.51667
Region: North Pole
Contact:
Christian Haas (AWI)
Expedition name: Charcot 2024
Means of deployment: Ship - gangway

Snow and ice conditions

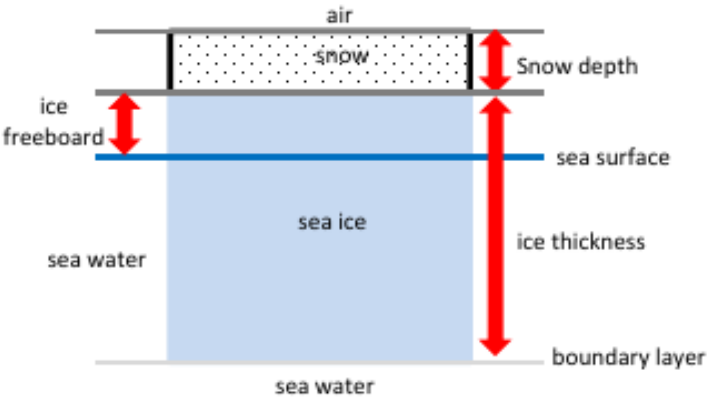
Snow depth: 0.15 m
Ice thickness: 1.56 m
Ice freeboard: 0.3 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m



Photo credits:



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

Vast floe, lots of new fluffy snow (15-20 cm!); some areas flooded. Simba deployed approximately 1 km from floe edge, on mostly level ice between two ridge lines far away (>100 m). Poor light conditions during deployment; tried to find a spot that was not a melt pond formerly. Very warm and soft ice, but not many voids in drill hole. This was the floe of the North Pole station, and on Sept 16 we will try to carry out an EM31 profile and also deploy a snow buoy near by.