Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2024T127
IMEI: 300534061787870
Buoy type: Thermistor Buoy
Buoy owner: Norwegian Polar Institute

Deployment information

Date and Time (UTC): 26.07.2024 07:00
Position (Lat/Lon): 87.62649/-15.23082
Region: Arctic Ocean
Contact:
Mats Granskog (NPI)
Polona Itkin (UiT)
Expedition name: NPI AO2024
Means of deployment: Ship - mummy

Snow and ice conditions

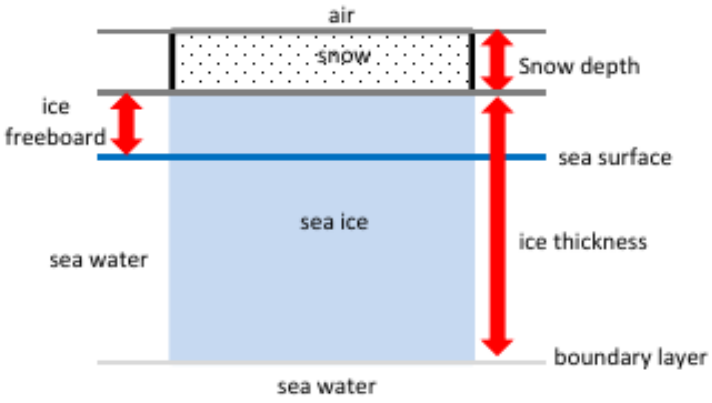
Snow depth: 0.07 m
Ice thickness: 1.5 m
Ice freeboard: 0.21 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 95
Sensor sea surface (Sensor ID): 30
Sensor snow ice (Sensor ID): 20
Sensor air snow (Sensor ID): 20



Photo credits:



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

Deployed on Norwegian Polar Institute's 2024 Arctic Ocean expedition on R/V Kronprins Haakon. SIMBA provided by H2020 Arctic Passion. Buoy was co-deployed with MetBuoy 300534065853570 by UiT (Jack Landy). Sea ice core for salinity and stable oxygen isotope was collected. The floe was ponded, it had grey sediments, typical for the location. Buoy is only transmitting error messages with position.