Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2024T126
IMEI: 300534063484560
Buoy type: Thermistor Buoy
Buoy owner: Norwegian Polar Institute

Deployment information

Date and Time (UTC): 31.07.2024 07:52
Position (Lat/Lon): 86.58445/-4.85467
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: 0.06 m
Ice thickness: 2.54 m
Ice freeboard: 0.13 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 153
Sensor sea surface (Sensor ID): 34
Sensor air snow (Sensor ID): 27

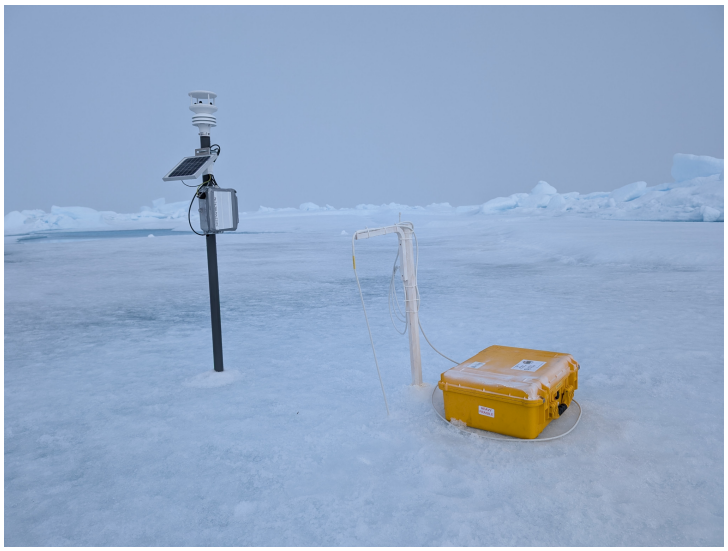
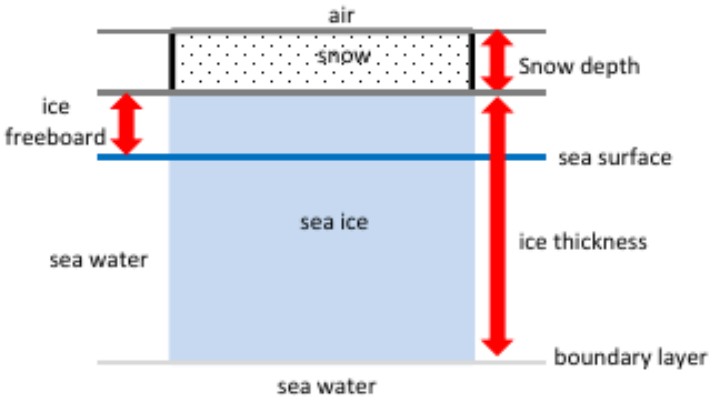


Photo credits:



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

Second year ice floe of ca. 300x300m surrounded by ridges, some deep melt ponds with melted-through bottoms. Deployed on rafted ice. Ice thickness 1 m away was just 1.92m (core taken). Co-deployed with a MetBuoy by UiT (contact Jack Landy), IMEI300534065857570. Deployed on Norwegian Polar Institute's 2024 Arctic Ocean expedition on R/V Kronprins Haakon. SIMBA provided by H2020 Arctic Passion.