Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T104
IMEI: 300234068527601
Buoy type: Thermistor Buoy
Buoy owner: Polar Research Institute of China

Deployment information

Date and Time (UTC): 09.08.2023 13:00
Position (Lat/Lon): 83.99260/32.35492
Region:
Contact:
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

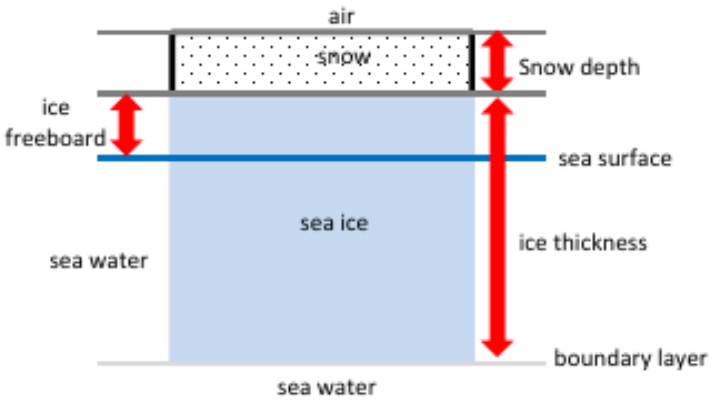
Snow depth:
Ice thickness: 0.98 m
Ice freeboard: 0.15 m
Ice types:
FYI (First Year Ice)
Level Ice

Buoy-specific parameters

Sensor ice water (Sensor ID): 39
Chain length: 5 m
Sensor spacing: 0.02 m
Total number of sensors: 241
Sensor air snow (Sensor ID): 32



Photo credits:



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

ice thickness 0.98m, scattering layer 0.03m, freeboard 0.15m, thermistor 32 at surface, level first-year ice