Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2025S145
IMEI: 300534066919120
WMO number: 7811008
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 11.07.2025 13:54
Position (Lat/Lon): 83.77310/22.49473
Region: Arctic Ocean
Contact:
Ran Tao (AWI)
Expedition name: Polarstern PS149-CONTRASTS 2025
Means of deployment:

Snow and ice conditions

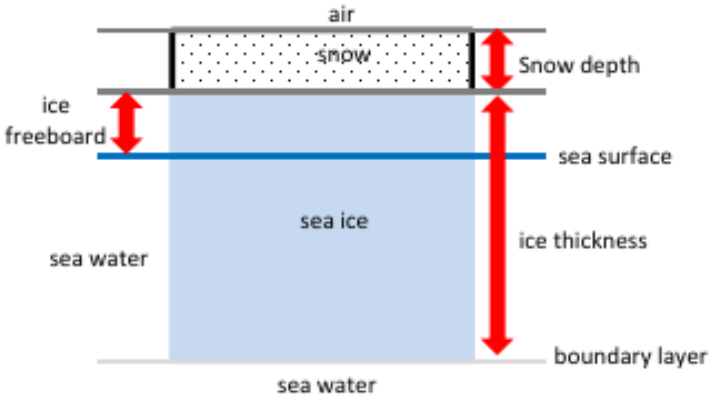
Snow depth: 0.04 m
Ice thickness: 0.85 m
Ice freeboard: 0.06 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Temp correction: off
Initial sh4: 0.03 m
Initial sh3: 0.055 m
Initial sh2: 0.05 m
Initial sh1: 0.04 m



Photo credits: Ran Tao



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

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