Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2025R29
IMEI: 100000000000400
Buoy type: Radiation Station
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 10.07.2025 14:22
Position (Lat/Lon): 83.67173/21.96813
Region: Arctic Ocean
Contact:
Ran Tao (AWI)
Expedition name: Polarstern PS149-CONTRASTS 2025
Means of deployment:

Snow and ice conditions

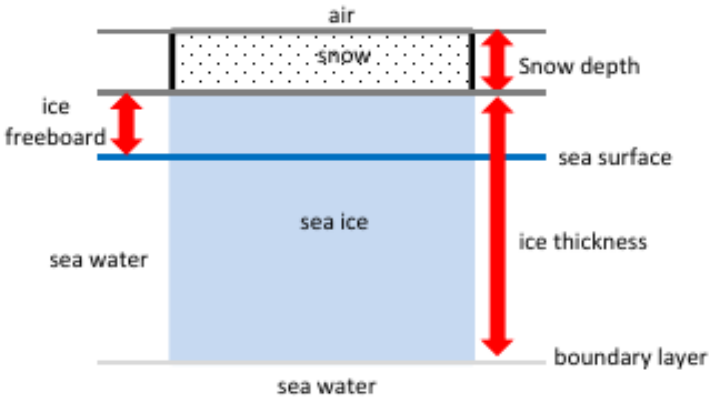
Snow depth: 0.03 m
Ice thickness: 0.85 m
Ice freeboard: 0.06 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Id incom: 33759
Id trans: 34112
Pos incom: 1
Pos refl: 2
Pos trans: 3
Id refl: 33745
Serial package: 0
Solar package: 0
Lightchain package: 0
Salinity package: 0
Eco package: 0
Oxy package: 0
Microcat package: 0
Ramses package: 1
Sensor air snow (SensorID): 0
Total number of sensors: 3
Sensor snow ice (SensorID): 0
Sensor sea surface (SensorID): 0
Sensor ice water (SensorID): 0



Photo credits: Marcel Nicolaus



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

PS149_13-1-2025R29