Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2025R31
IMEI: 100000000000600
Buoy type: Radiation Station
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 21.07.2025 12:51
Position (Lat/Lon): 84.41400/17.92800
Region: Arctic Ocean
Contact:
Ran Tao (AWI)
Expedition name: Polarstern PS149-CONTRASTS 2025
Means of deployment:

Snow and ice conditions

Snow depth: 0.065 m
Ice thickness: 1.89 m
Ice freeboard: 0.115 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Pos incom: 1
Pos refl: 2
Pos trans: 3
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
Id refl: 34191
Id incom: 34032
Id trans: 34109

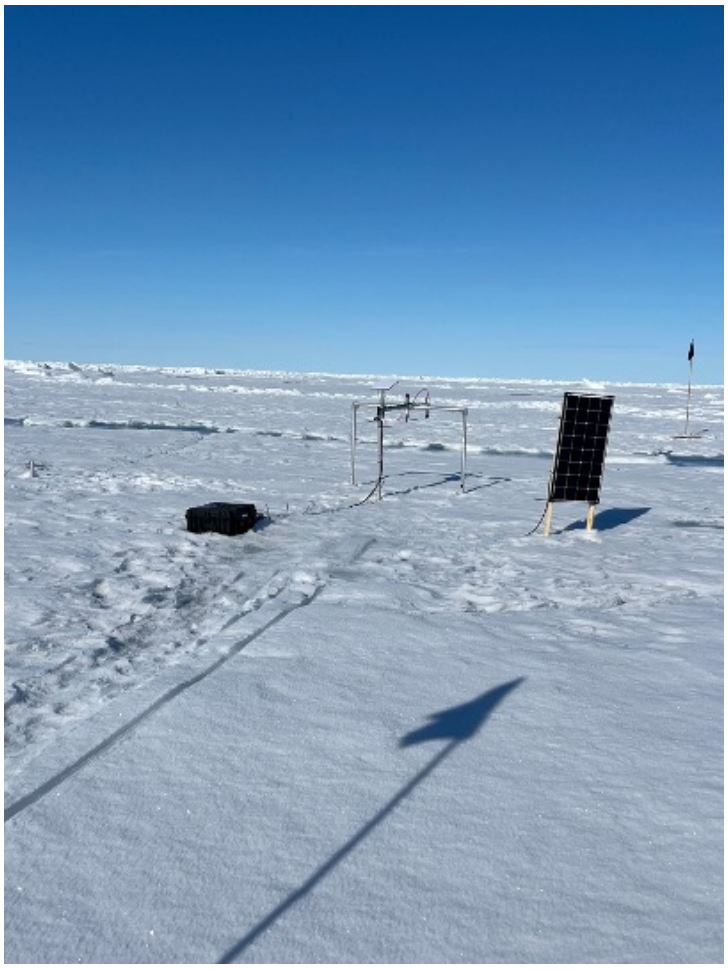
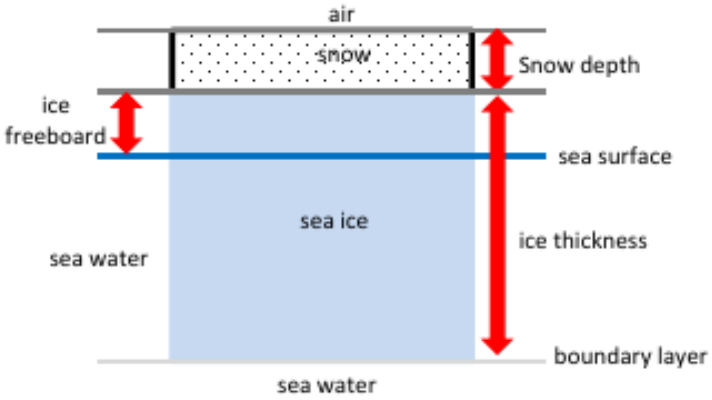


Photo credits: Ran Tao



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

PS149_18-1-2025R31