Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2022S117
IMEI: 300534061256910
WMO number: 6301834
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

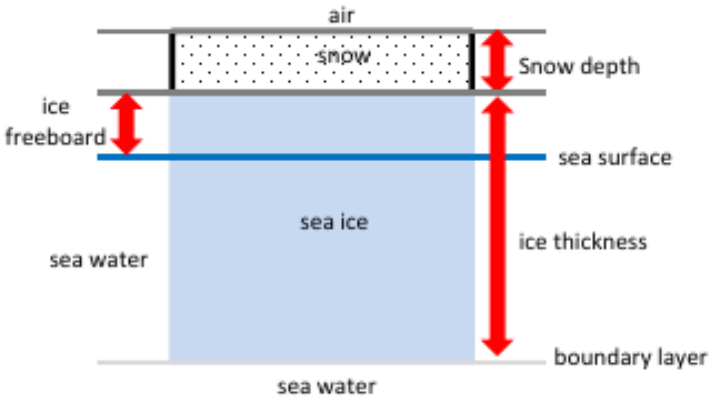
Date and Time (UTC): 12.08.2022 11:30
Position (Lat/Lon): 89.94411/48.28575
Region: North Pole
Contact:
Steffen Graupner (Unknown at import time)
Expedition name: Charcot 22
Means of deployment:



Photo credits:

Snow and ice conditions

Snow depth: 0.1 m
Ice thickness: 1.93 m
Ice freeboard: 0.12 m
Ice types:
Unknown



Buoy-specific parameters

Initial sh1: 0.09 m
Initial sh2: 0.09 m
Initial sh3: 0.09 m
Initial sh4: 0.09 m
Temp correction: off

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

Ca. 0°air temperature, changing cloud cover: morning mostly sunny, later mostly cloudy, generally good visibility, ~10 kn wind
Floe size: 2000x1000, 1.9m thick, partly 10 cm snow
Deployment:
- Steffen Graupner, John Guthrie & Cecilia Ferriz (Science team NP3)
- Co-deployment of Snow Buoy, SIMBA
Initial thickness area under the 4 sensors: 10, 12, 8, 7, 10, 9, 9, 10, 9
Total: 193, water 181, snow 0cm
⇨ Ice thickness 193, freeboard 12 cm