Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018S63
IMEI: 300234065621410
WMO number: 4701716
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 05.05.2018 20:00
Position (Lat/Lon): 82.57587/-62.47213
Region: Lincoln Sea
Contact:
Christian Katlein (AWI)
Expedition name: Alert_MAPLI18
Means of deployment: Snow mobile

Snow and ice conditions

Snow depth: 0.19 m
Ice thickness:
Ice freeboard:
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Initial sh1: 0.26 m
Initial sh2: 0.21 m
Initial sh3: 0.21 m
Initial sh4: 0.25 m
Temp correction: off
Sensor sh1 stop: 2018-05-21 17:00 UTC
Sensor sh2 stop: 2018-05-21 17:00 UTC
Sensor sh3 stop: 2018-05-21 17:00 UTC
Sensor sh4 stop: 2018-05-21 17:00 UTC
Sensor press stop: 2018-05-21 17:00 UTC
Sensor temp stop: 2018-05-21 17:00 UTC
Sensor gps stop: 2018-05-21 17:00 UTC

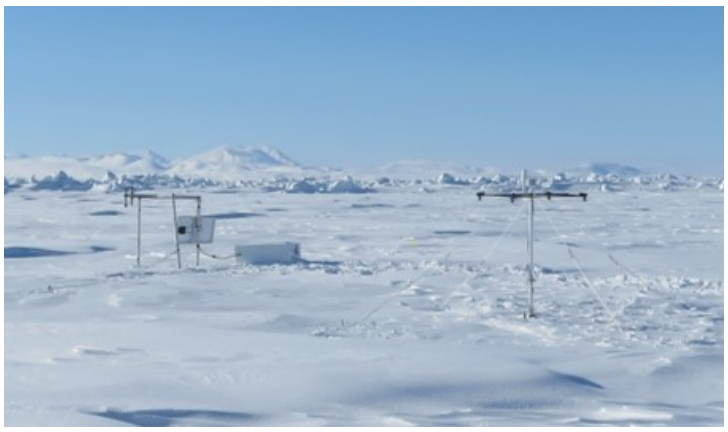
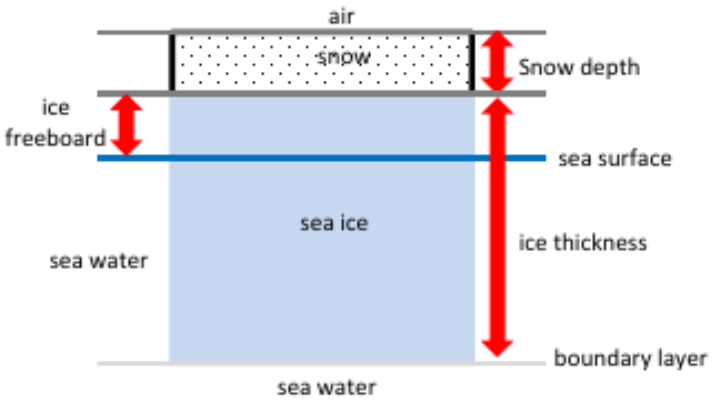


Photo credits:



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

Floe description: approximately 500m long and 200m wide patch of first-year ice in between multi-year ice, completely level ice. Buoy was deployed adjacent to the research camp on the ice.
Co-deployed with logging radiation station 2018R3
Deployment as part of the LastIce project. Buoy retrieved on 21 May 2018 19:20 UTC with measured snow heights (SH1: 0.26, SH2: 0.21, SH3: 0.21, SH4: 0.25). Buoy will be redeployed in 2019.

Buoy was recovered