Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018S65
IMEI: 300234065627390
WMO number: 6401655
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): 82.57551/-62.46552
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:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor sh3 stop: 2018-08-10 22:06 UTC
Sensor sh1 stop: 2018-08-07 04:02 UTC
Sensor temp stop: 2018-08-10 22:06 UTC
Sensor press stop: 2018-08-10 22:06 UTC
Temp correction: off
Sensor sh2 stop: 2018-08-10 01:05 UTC
Sensor sh4 stop: 2018-08-07 14:02 UTC
Initial sh4: 0.16 m
Initial sh2: 0.24 m
Initial sh1: 0.22 m
Sensor gps stop: 2018-08-10 22:06 UTC
Initial sh3: 0.16 m

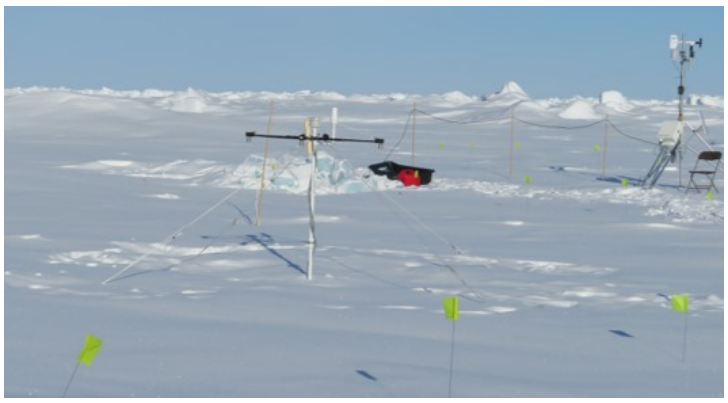
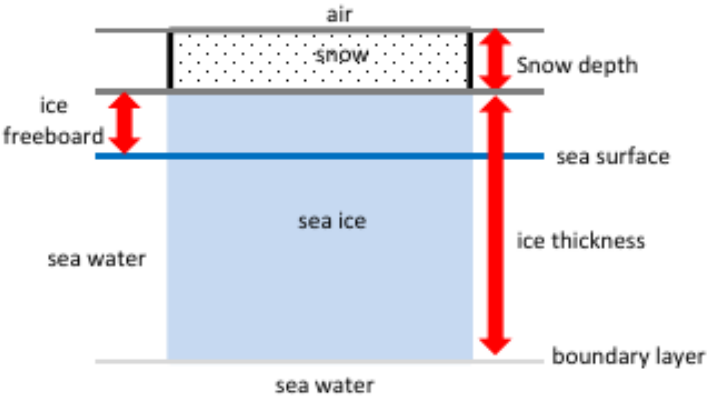


Photo credits:



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

Floe description: 200m diameter multi-year ice floe adjacent to the tent camp, ice thickness varied between 3 and 6 m on short distances
Co-deployed with logging radiation station 2018R2, ice-mass balance buoy 2018T50 and during the field work a close by weatherstation operated by DFO (Fisheries and Oceans Canada)
Deployment as part of the LastIce project.