Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018P70
IMEI: 300234065801030
WMO number: 6301504
Buoy type: Surface Velocity Profiler (iSVP)
Buoy owner: National Oceanic and Atmospheric Administration

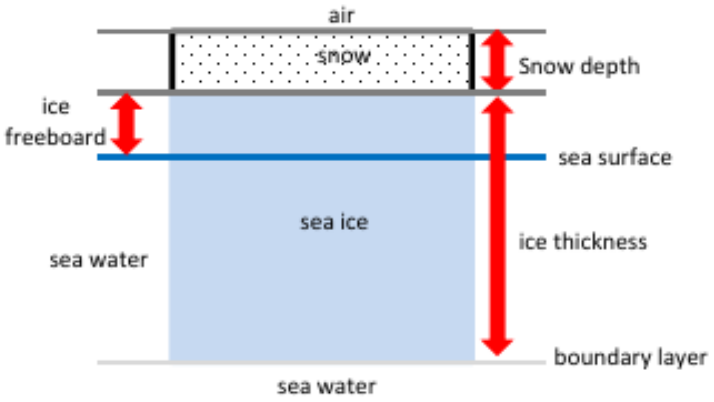


Deployment information

Date and Time (UTC): 04.10.2018 05:14
Position (Lat/Lon): 81.82100/119.61100
Region: Arctic Ocean, north of Laptev Sea
Contact:
Gunnar Spreen (UniBremen)
Expedition name: PS115.2
Means of deployment: Ship - mummy

Snow and ice conditions

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



Buoy-specific parameters

Sensor gps stop: 2020-02-22 06:00 UTC
Sensor temp stop: 2019-12-20 19:00 UTC
Sensor press stop: 2020-02-22 06:00 UTC

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

On ice floe next to Polarstern, deployment by mummy chair without ice drilling, floe size approx. 30 m x 10 m, cloudy sky, air temperature: -1.7C, water temperature: -1.9C, pressure: 992 hPa, humidity: 98 percent, wind speed 11.4 m/s, wind direction: 140 degree, visibility 10 km, ceiling 300 ft, Future of buoy can be considered uncertain :) (Polar Bear visit after deployment)