Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019S92
IMEI: 300234066080170
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

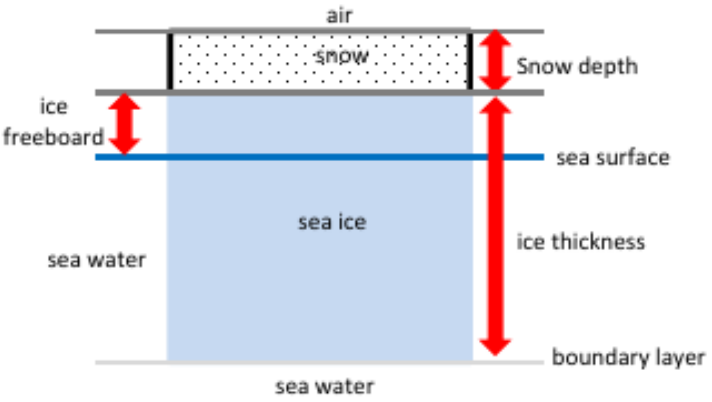


Deployment information

Date and Time (UTC): 07.10.2019 05:09
Position (Lat/Lon): 85.01383/132.72716
Region: Central Arctic Ocean
Contact:
Jakob Belter (AWI)
Jan Rohde (AWI)
Mario Hoppmann (AWI)
Expedition name: MOSAiC
Means of deployment: Ship - gangway

Snow and ice conditions

Snow depth: 0.15 m
Ice thickness: 0.85 m
Ice freeboard: 0.05 m
Ice types:
FYI (First Year Ice)



Buoy-specific parameters

Sensor gps stop: 2019-11-26 16:00 UTC
Sensor temp stop: 2019-11-26 16:00 UTC
Sensor press stop: 2019-11-26 16:00 UTC
Sensor sh4 stop: 2019-11-26 16:00 UTC
Sensor sh3 stop: 2019-11-26 16:00 UTC
Sensor sh2 stop: 2019-11-26 16:00 UTC
Sensor sh1 stop: 2019-11-26 16:00 UTC
Initial sh1: 0.15 m
Initial sh2: 0.16 m
Initial sh3: 0.17 m
Initial sh4: 0.15 m
Temp correction: off

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

Station L1__Measurement:Snow thickness__Comment:__Old Labels:L1_SNOW_BUOY_AWI_20191005,PS122/1_1-137

Parallel deployment of Snow Buoy, ITBOB, AOFB, ITP, SIMBA. AWI system includes: one snow buoy and one ITBOB, battery and data comm. housing
Co-deployed with: 2019R9, 2019W4, 2019I1, 2019T67, 2019F1, ASFS, MARC

Buoy was destroyed by ridging sea ice.

original start date: 2019-10-07 05:09:00, no data before 2019-10-11 00:00:00.