Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019I1
IMEI: 300434063386850
Buoy type: Seasonal Ice Mass Balance buoy
Buoy owner: Thayer School of Engineering at Dartmouth

Deployment information

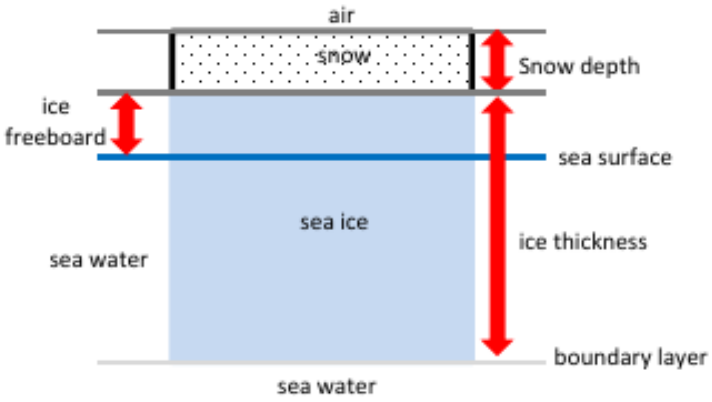
Date and Time (UTC): 05.10.2019 05:10
Position (Lat/Lon): 85.01283/132.73348
Region:
Contact:
Unknown (AWI)
Expedition name: MOSAiC
Means of deployment: Ship - gangway

Snow and ice conditions

Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
Unknown

Buoy-specific parameters





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

Station L1__Measurement:Measurements of sea ice thickness - snow thickness and freeboard - distance from the sensors to the ice - photos and video taken. Hole location at 85_00.658 N 132_46.723 E at 06:44 UTC. The buoy was turned on at 05:19 UTC. The hole was drilled with help by Andy Davies and Chris Basque.__Comment:Drilled large hole which made estimates of depth challenging since the depth depended on where one took the measurements (values range 94cm to 108cm). Region might be a little too ridged (small ridges) but nearby level ice deemed too thin. Check photographic evidence for more info. Contact Ryleigh Moore at RMoore (at) math.utah.edu for photos and video of deployment.__Old Labels:L1_SIMB3_1_Dartmouth_20191005,PS122/1_1-204

L1 site: co-deployed with 2019S92, 2019R9, 2019W4, 2019T67, 2019F1, ASFS, MARC