Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019T68
IMEI: 300234068708330
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 05.10.2019 05:30
Position (Lat/Lon): 84.91888/131.26448
Region: Laptev Sea
Contact:
Mario Hoppmann (AWI)
Expedition name: MOSAiC
Means of deployment: Helicopter

Snow and ice conditions

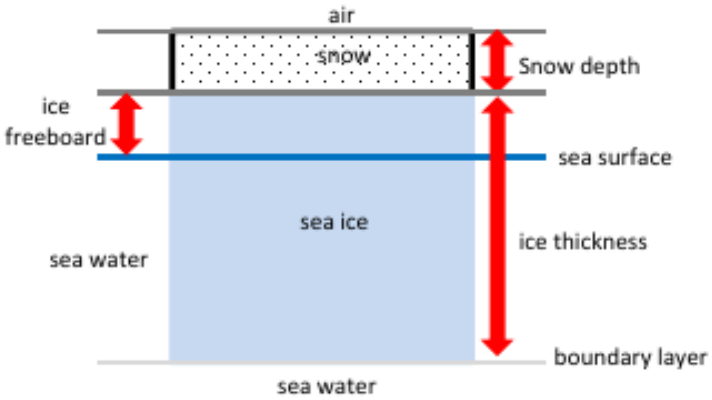
Snow depth: 0.15 m
Ice thickness: 1.8 m
Ice freeboard: 0.12 m
Ice types:
Unknown

Buoy-specific parameters

Sensor gps stop: 2020-08-05 09:00 UTC
Sensor chain stop: 2020-08-05 06:00 UTC
Total number of sensors: 241
Sensor spacing: 0.02 m
Chain length: 5 m



Photo credits:



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

Station M1__Measurement:Snow and ice temperature profile__Comment:ice thickness 1.8 m and snow depth 0.15 m__Old Labels:M1_SIMBA5_PRIC_20191005,PS122/1_1-171

M1 site: co-deployed with 2019S84, 2019O1, 2019V1
Floe diameter 1-2 km, melt ponds overfrozen 25 cm, some ridges, buoy site in center, DTOP in 100 m