Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019T47
IMEI: 300234064817930
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 13.10.2019 04:35
Position (Lat/Lon): 84.89332/133.22596
Region: Laptev Sea
Contact:
Ruibo Lei (PRIC)
Expedition name: MOSAiC
Means of deployment: Ship - gangway

Snow and ice conditions

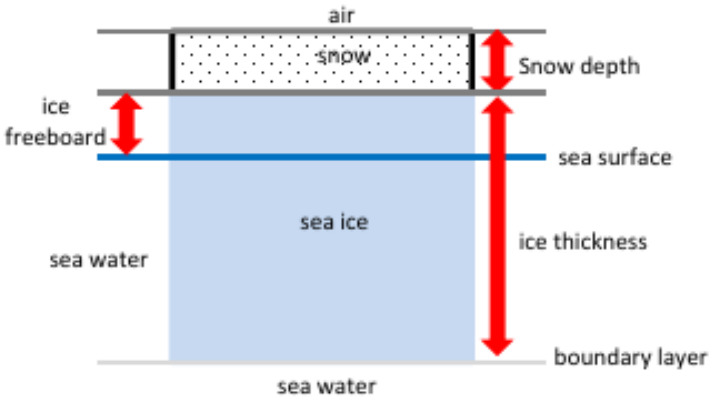
Snow depth: 0.05 m
Ice thickness: 0.35 m
Ice freeboard:
Ice types:
Unknown

Buoy-specific parameters

Sensor gps stop: 2020-10-04 15:35 UTC
Sensor chain stop: 2020-10-04 21:22 UTC
Total number of sensors: 240
Sensor snow ice (Sensor ID): 40
Sensor ice water (Sensor ID): 57
Sensor air snow (Sensor ID): 37
Sensor spacing: 0.02 m
Chain length: 5 m



Photo credits:



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

__Old Labels: PS122/1_1-285

ice thickness 0.35m snow 0.05m
number of sensor at top of snow 37
deployment site: The floe, with a diameter of about 2km, was aggregated new ice and old ice ridge
No Air temp