Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2020T78
IMEI: 300234068529570
Buoy type: Thermistor Buoy
Buoy owner: Polar Research Institute of China

Deployment information

Date and Time (UTC): 23.08.2020 17:09
Position (Lat/Lon): 87.77235/106.27744
Region: Central Arctic Ocean
Contact:
Julia Regnery (AWI)
Marcel Nicolaus (AWI)
Mario Hoppmann (AWI)
Expedition name: MOSAiC
Means of deployment: Ship - gangway

Snow and ice conditions

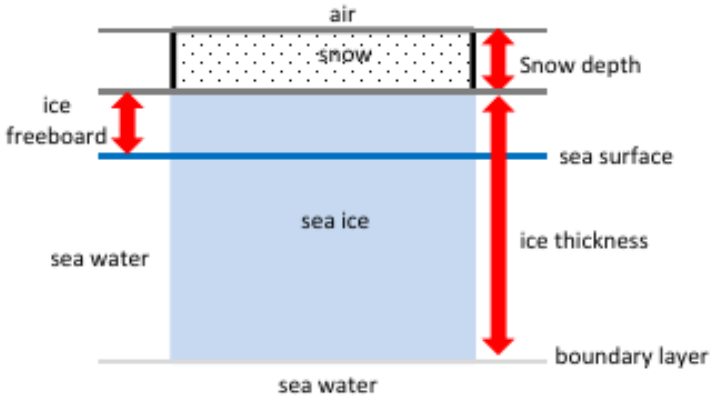
Snow depth: 0 m
Ice thickness: 1.52 m
Ice freeboard: 0.17 m
Ice types:
FYI (First Year Ice)
Level Ice

Buoy-specific parameters

Sensor gps stop: 2021-02-23 18:30 UTC
Sensor chain stop: 2021-02-26 04:31 UTC
Sensor air snow (Sensor ID): 33
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.)*

Ice thickness: 1.52 m
Freeboard: 0.17 m
Snow depth: 0.02 m new snow (first snowfall during deployment)
Thermistor 33 at surface
Hole was filled with slush
Site: Buoy site close to ROV City
Co-deployed so far: Snow Buoy, Radiation station, DTC RS051