Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2020S105
IMEI: 300234066080131
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 21.09.2020 11:30
Position (Lat/Lon): 88.85900/121.38200
Region: Central Arctic Ocean
Contact:
Julia Regnery (AWI)
Marcel Nicolaus (AWI)
Expedition name: MOSAiC
Means of deployment: Helicopter

Snow and ice conditions

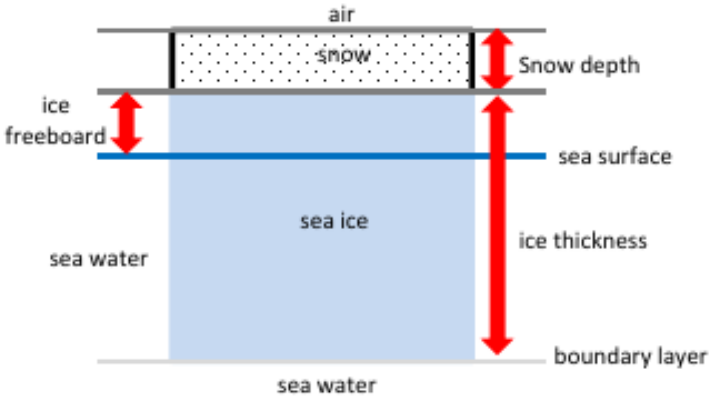
Snow depth: 0.03 m
Ice thickness: 1.2 m
Ice freeboard: 0.1 m
Ice types:
Unknown

Buoy-specific parameters

Sensor gps stop: 2021-04-12 07:04 UTC
Sensor temp stop: 2021-04-12 07:04 UTC
Sensor press stop: 2021-04-12 07:04 UTC
Sensor sh4 stop: 2021-04-12 07:04 UTC
Sensor sh3 stop: 2021-04-12 07:04 UTC
Sensor sh2 stop: 2020-09-21 11:30 UTC
Sensor sh1 stop: 2021-04-12 07:04 UTC
Initial sh1: 0.03 m
Initial sh3: 0.02 m
Initial sh4: 0.04 m
Temp correction: off



Photo credits: Marcel Nicolaus



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

SH1: 3cm, SH2: sensor missing, SH3: 2cm, SH4: 3cm