Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019S84
IMEI: 300234065725001
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

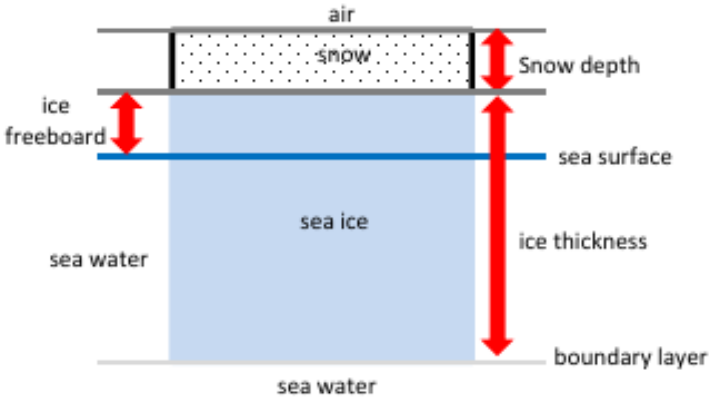


Deployment information

Date and Time (UTC): 07.10.2019 04:00
Position (Lat/Lon): 84.91890/131.26450
Region: Central Arctic Ocean
Contact:
Mario Hoppmann (AWI)
Expedition name: MOSAiC
Means of deployment: Helicopter

Snow and ice conditions

Snow depth: 0.145 m
Ice thickness: 1.8 m
Ice freeboard: 0.12 m
Ice types:
Unknown



Buoy-specific parameters

Initial sh4: 0.1 m
Initial sh3: 0.18 m
Initial sh2: 0.15 m
Temp correction: off
Sensor sh1 stop: 2020-05-27 02:00 UTC
Sensor sh2 stop: 2020-05-27 02:00 UTC
Sensor sh3 stop: 2020-05-27 02:00 UTC
Sensor sh4 stop: 2020-05-27 02:00 UTC
Sensor press stop: 2020-05-27 02:00 UTC
Sensor temp stop: 2020-05-27 02:00 UTC
Sensor gps stop: 2020-05-27 02:00 UTC
Initial sh1: 0.15 m

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

Station M1__Measurement:Snow thickness__Comment:ice thickness 1.8 m and snow depth 0.15, 0.15, 0.18, 0.10 m Floe diameter 1-2 km, melt ponds overfrozen 25 cm, some ridges, buoy site in center, DTOP in 100 m__Old Labels:M1_SB04_AWI_20191005,PS122/1_1-147

Co-deployed with: 2019O1, 2019T68, 2019V1