Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2020S99
IMEI: 300234066087170
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 10.02.2020 08:18
Position (Lat/Lon): 87.68433/88.99086
Region: Central Arctic Ocean
Contact:
Arttu Jutila (AWI)
Ian Raphael (Dartmouth)
Expedition name: MOSAiC
Means of deployment: Helicopter

Snow and ice conditions

Snow depth: 0.18 m
Ice thickness:
Ice freeboard:
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Sensor gps stop: 2020-08-06 10:00 UTC
Sensor temp stop: 2020-08-06 10:00 UTC
Sensor press stop: 2020-08-06 10:00 UTC
Sensor sh4 stop: 2020-07-03 00:00 UTC
Sensor sh3 stop: 2020-07-03 00:00 UTC
Sensor sh2 stop: 2020-07-03 00:00 UTC
Sensor sh1 stop: 2020-07-03 00:00 UTC
Initial sh1: 0.163 m
Initial sh2: 0.176 m
Initial sh3: 0.146 m
Initial sh4: 0.206 m
Temp correction: off

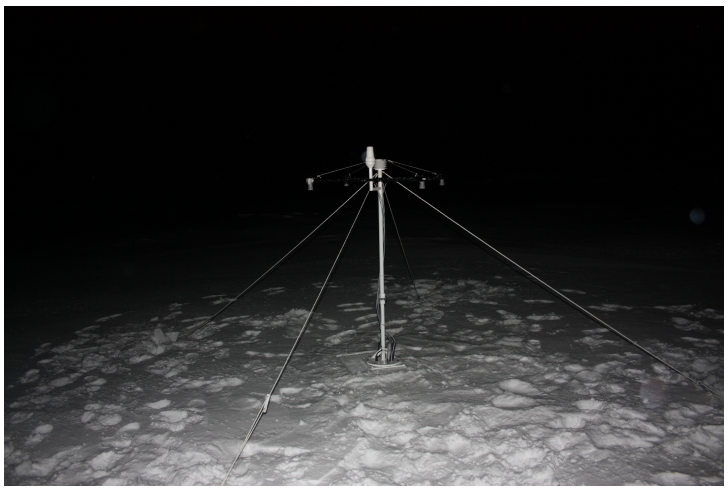
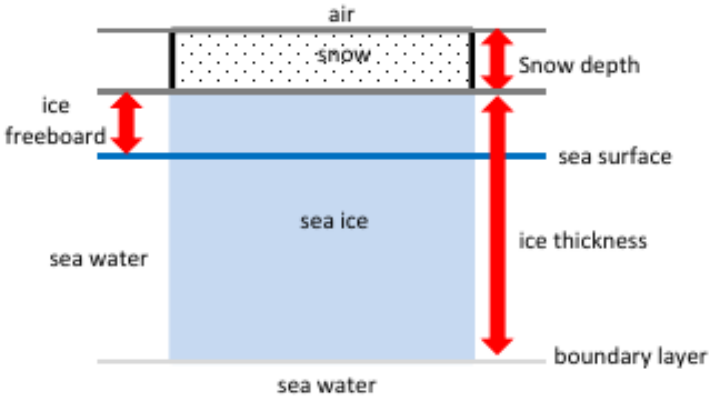


Photo credits:



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

New snow buoy at L1, IMEI: 300234066087170

This buoy replaces 2019S92, which was crashed during a ridging event.