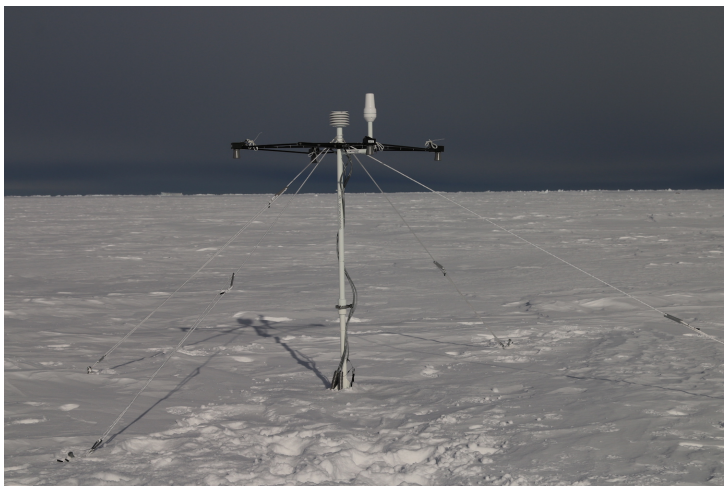
Buoy Deployment Report

seaiceportal.de

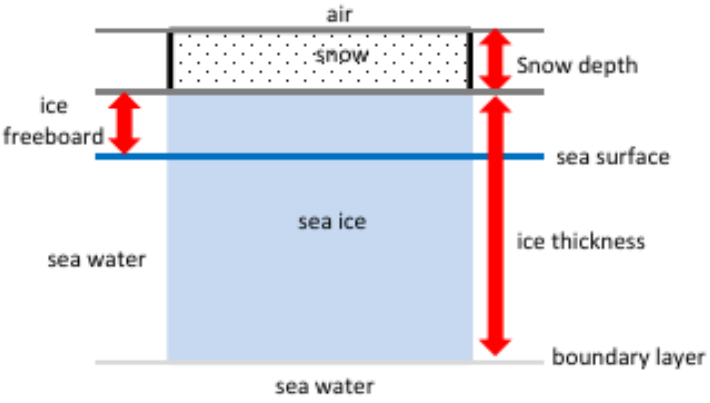
Buoy information

Buoy name: 2018S60
IMEI: 300234065268080
WMO number: 7101556
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 18.02.2018 12:20
Position (Lat/Lon): -76.86275/-35.55055
Region: Weddell Sea
Contact:
Stefanie Arndt (AWI)
Expedition name: PS111_ANT
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.09 m
Ice thickness: 0.94 m
Ice freeboard: 0.02 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Sensor gps stop: 2018-04-04 06:01 UTC
Sensor temp stop: 2018-04-04 06:01 UTC
Sensor press stop: 2018-04-04 06:01 UTC
Sensor sh4 stop: 2018-04-04 06:01 UTC
Sensor sh3 stop: 2018-04-04 06:01 UTC
Sensor sh2 stop: 2018-04-04 06:01 UTC
Sensor sh1 stop: 2018-04-04 06:01 UTC
Initial sh1: 0.12 m
Initial sh2: 0.1 m
Initial sh3: 0.06 m
Initial sh4: 0.09 m
Temp correction: off

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

Floe description: diameter 1-2km, 0-10 percent ridges with an height of 1-2 meters, deployment in the center of the floe, new fresh snow, weather: 3/8 clouds
Co-deployed with 2018M11
Deployment as part of station PS111_SIP_10 - additional measurements: snow depth transects, snow stratigraphy, ice coring