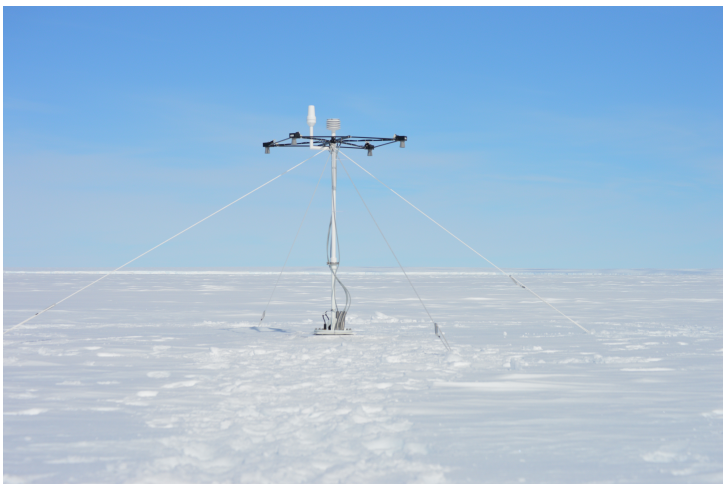
Buoy Deployment Report

seaiceportal.de

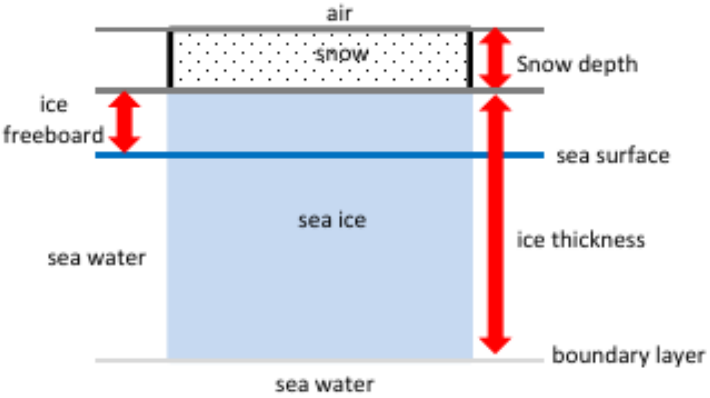
Buoy information

Buoy name: 2017S48
IMEI: 300234064116480
WMO number: 7100758
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 05.01.2017 11:55
Position (Lat/Lon): -70.58255/-8.02857
Region: Atka Bay
Contact:
Mathias van Caspel (AWI)
Stefanie Arndt (AWI)
Expedition name: PS103-ANT32/2
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.12 m
Ice thickness: 2.4 m
Ice freeboard: 0.68 m
Ice types:
Fast Ice

Buoy-specific parameters

Sensor sh2 stop: 2017-02-21 17:00 UTC
Sensor sh1 stop: 2017-02-22 03:00 UTC
Initial sh1: 0.15 m
Initial sh2: 0.14 m
Initial sh3: 0.11 m
Initial sh4: 0.09 m
Temp correction: off
Sensor gps stop: 2017-03-14 23:07 UTC
Sensor temp stop: 2017-03-14 23:07 UTC
Sensor press stop: 2017-03-14 23:07 UTC
Sensor sh4 stop: 2017-02-21 21:00 UTC
Sensor sh3 stop: 2017-02-21 19:00 UTC

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

Deployed along with 2017M6
Floe description: Deployment on attached fast-ice in Atka Bay. A lot of platelet ice beneath the ice. Sea-ice surface is widely flat, no ridges.Weather: clear sky