Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016S40
IMEI: 300234062780540
WMO number: 7100755
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 25.01.2016 18:10
Position (Lat/Lon): -75.46890/-31.39462
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

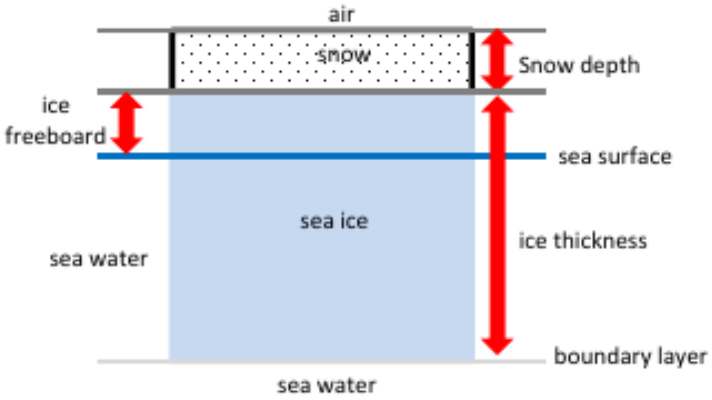
Snow depth: 0.24 m
Ice thickness: 1.44 m
Ice freeboard: 0.12 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Initial sh1: 0.235 m
Initial sh2: 0.25 m
Initial sh3: 0.23 m
Initial sh4: 0.22 m
Temp correction: off
Sensor sh3 stop: 2016-09-14 15:00 UTC
Sensor sh4 stop: 2016-09-13 22:00 UTC
Sensor press stop: 2016-09-14 16:04 UTC
Sensor temp stop: 2016-09-14 16:04 UTC
Sensor gps stop: 2016-09-14 16:04 UTC
Sensor sh1 stop: 2016-09-13 20:00 UTC
Sensor sh2 stop: 2016-09-14 14:00 UTC



Photo credits:



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

Deployed along with 2016T38 and 2016A5 (former W03) (British Antarctic Survey)
Floe description: diameter circa 500m, 0-10 percent ridges with an height of 1-1.5 meters, deployment in the center of the floe, old melting snow
Weather: cloud-covered and windy