Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016T38
IMEI: 300234062426070
WMO number: 7100741
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 25.01.2016 17:25
Position (Lat/Lon): -75.47503/-31.40810
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

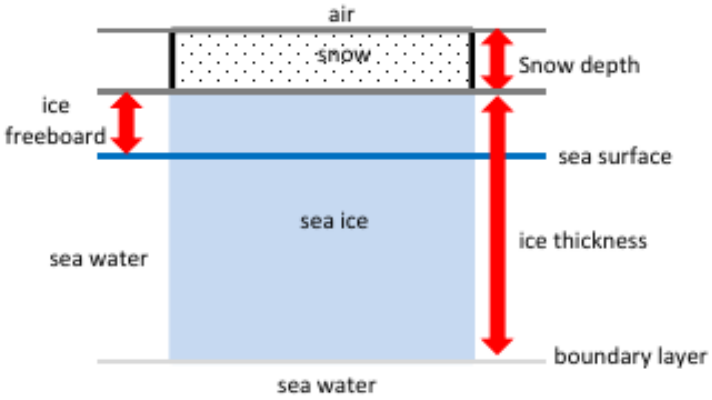
Snow depth: 0.22 m
Ice thickness: 1.44 m
Ice freeboard: 0.12 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor ice water (Sensor ID): 93
Sensor sea surface (Sensor ID): 27
Sensor snow ice (Sensor ID): 21
Sensor air snow (Sensor ID): 10
Sensor chain stop: 2016-01-25 16:25 UTC
Sensor gps stop: 2017-01-10 11:26 UTC
Chain length: 5 m
Sensor spacing: 0.02 m



Photo credits:



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

Original FRAM
Deployed along with 2016S40 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