Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016T36
IMEI: 300234062429070
WMO number: 7100739
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 15.01.2016 13:05
Position (Lat/Lon): -76.68557/-46.90990
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

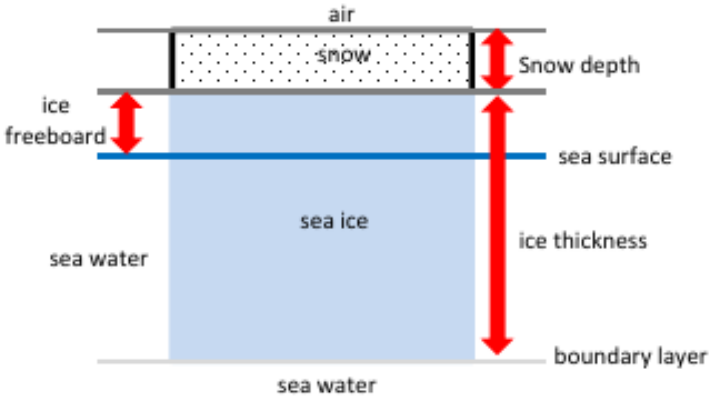
Snow depth: 0.1 m
Ice thickness: 2.3 m
Ice freeboard: 0.26 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor air snow (Sensor ID): 20
Sensor snow ice (Sensor ID): 25
Sensor sea surface (Sensor ID): 38
Sensor ice water (Sensor ID): 140
Sensor chain stop: 2017-04-22 01:00 UTC
Sensor gps stop: 2017-04-22 12:02 UTC
Chain length: 5 m
Sensor spacing: 0.02 m



Photo credits:



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

Original FRAM
Deployed in a range of 10nm of 2016T37, 2016S38 and 2016A3 (former W01) (British Antarctic Survey)
Floe description: diameter 0.5-1km, 10 percent ridges with an height of 2-3 meters, deployment in the center of the floe, old weathered/melting snow
Weather: clear sky and windy