Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016T37
IMEI: 300234062422050
WMO number: 7100740
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 11:45
Position (Lat/Lon): -76.55022/-46.93450
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

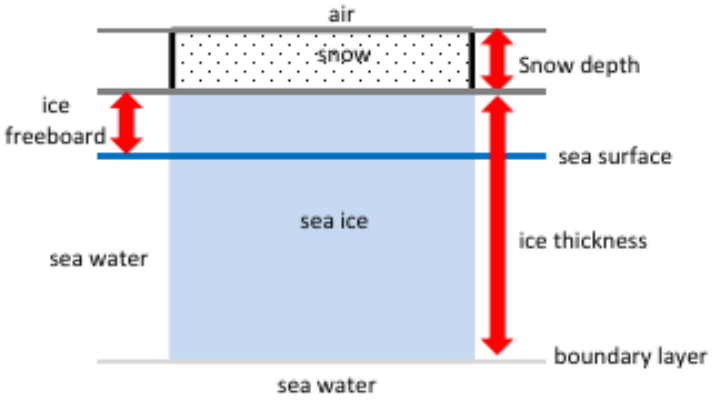
Snow depth: 0.13 m
Ice thickness: 2.32 m
Ice freeboard: 0.22 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor ice water (Sensor ID): 123
Sensor sea surface (Sensor ID): 27
Sensor snow ice (Sensor ID): 17
Sensor air snow (Sensor ID): 10
Chain length: 5 m
Sensor spacing: 0.02 m
Sensor chain stop: 2016-07-31 05:00 UTC
Sensor gps stop: 2017-02-10 22:02 UTC



Photo credits:



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

Original FRAM
Deployed along with 2016S38 and 2016A3 (former W01) (British Antarctic Survey), 2016T36 is deployed in 10nm range
Floe description: diameter bigger than 1km, 30 percent ridges with an height of 2-3 meters, deployment in the center of the floe, old weatherd snow
Weather: clear sky and windy