Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016T41
IMEI: 300234062421070
WMO number: 7100748
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 16.01.2016 11:20
Position (Lat/Lon): -75.73805/-43.43387
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

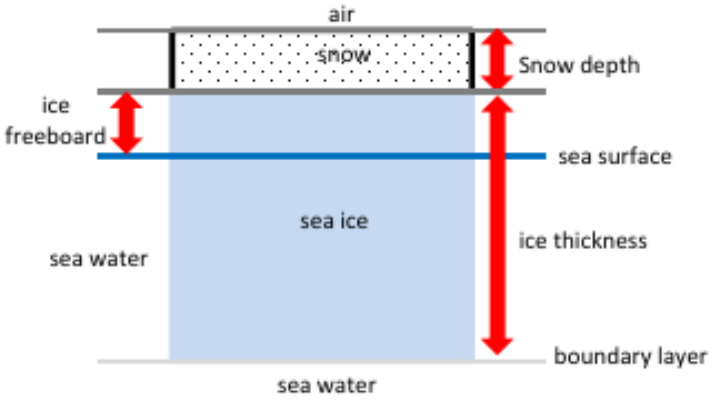
Snow depth: 0.02 m
Ice thickness: 2.73 m
Ice freeboard: 0.28 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor ice water (Sensor ID): 141
Sensor sea surface (Sensor ID): 18
Sensor snow ice (Sensor ID): 4
Sensor air snow (Sensor ID): 3
Sensor gps stop: 2017-02-05 07:13 UTC
Chain length: 5 m
Sensor spacing: 0.02 m
Sensor chain stop: 2017-02-05 11:00 UTC



Photo credits:



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

Deployed along with 2016S31
Floe description: diameter bigger than 1km, 60-70 percent ridges with an height of 2-3 meters, two floes above each other, water at a depth of 1.5-2m, deployment in the center of the floe, old weatherd snow
Weather: partly cloudy