Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015T27
IMEI: 300234062423090
WMO number: 7100236
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 26.12.2015 12:08
Position (Lat/Lon): -72.54522/-19.57687
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

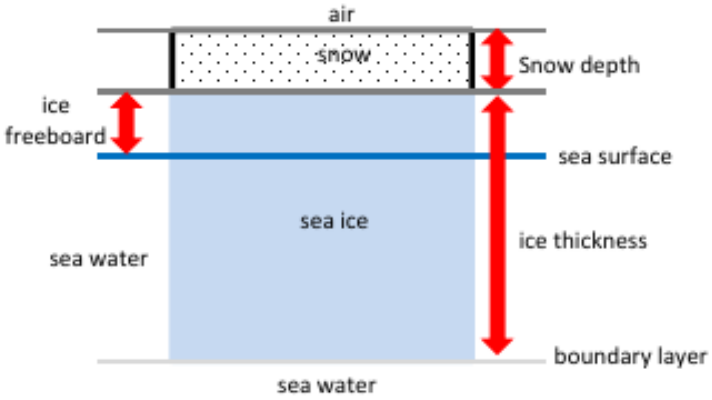
Snow depth: 0.04 m
Ice thickness: 0.62 m
Ice freeboard: 0.07 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor air snow (Sensor ID): 18
Sensor snow ice (Sensor ID): 20
Sensor sea surface (Sensor ID): 23
Sensor ice water (Sensor ID): 51
Chain length: 5 m
Sensor spacing: 0.02 m



Photo credits:



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

Deployed along with 2015S42
Floe description: diameter bigger than 1km, 50 percent ridges with an height of 1-2 meters, deployment in the center of the floe, old weatherd snow
Weather: clear sky
WMO: 7100236 (Antarctic)