Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016T40
IMEI: 300234062425070
WMO number: 7100743
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 27.01.2016 15:45
Position (Lat/Lon): -72.79775/-19.34482
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Ship - gangway

Snow and ice conditions

Snow depth: 0.32 m
Ice thickness: 3.3 m
Ice freeboard: 0.3 m
Ice types:
Fast Ice

Buoy-specific parameters

Total number of sensors: 240
Sensor air snow (Sensor ID): 10
Sensor ice water (Sensor ID): 191
Sensor sea surface (Sensor ID): 41
Sensor snow ice (Sensor ID): 26
Sensor chain stop: 2016-12-20 11:00 UTC
Sensor gps stop: 2016-12-21 15:11 UTC
Chain length: 5 m
Sensor spacing: 0.02 m

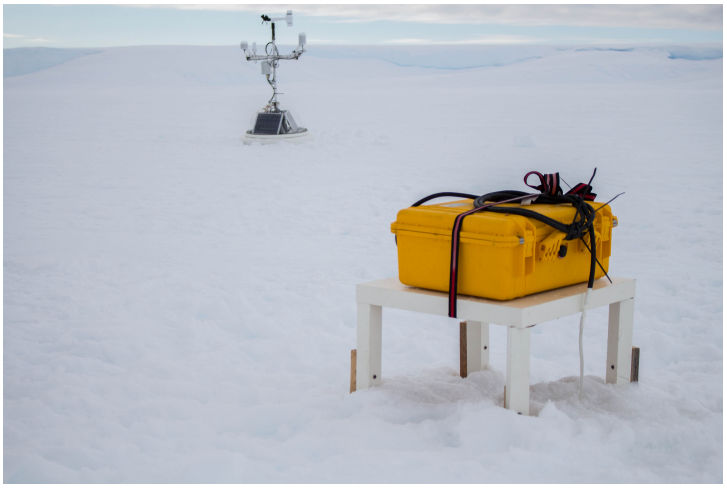
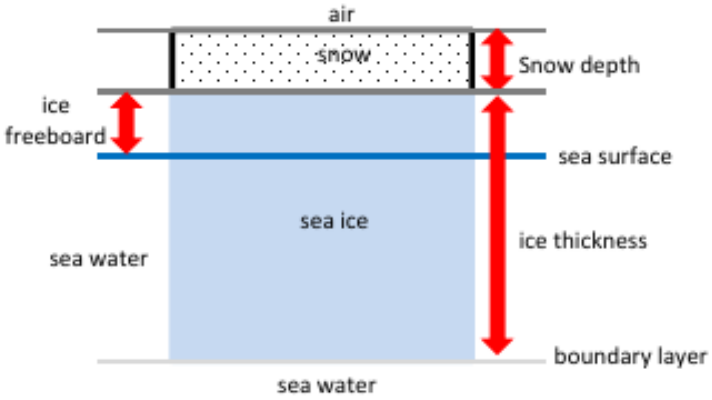


Photo credits:



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

Original FRAM
Deployed along with 2016A4 (former W02) (British Antarctic Survey)
Floe description: fast ice at the Drescher inlet, distance to ice egde: circa 200m, platelet ice beneath fast ice, total thickness not measured, flat ice/snow surface, heavily compacted snowlayer
Weather: cloud-covered