Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016S31
IMEI: 300234062789480
WMO number: 7100750
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 16.01.2016 11:33
Position (Lat/Lon): -75.73780/-43.43610
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: 2.75 m
Ice freeboard: 0.28 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Initial sh2: 0.06 m
Initial sh3: 0.05 m
Initial sh4: 0.02 m
Temp correction: off
Sensor sh1 stop: 2017-01-25 02:00 UTC
Sensor sh2 stop: 2017-01-24 15:00 UTC
Sensor sh3 stop: 2017-01-23 07:01 UTC
Initial sh1: 0.01 m
Sensor sh4 stop: 2017-01-24 11:00 UTC
Sensor press stop: 2017-01-25 02:00 UTC
Sensor temp stop: 2017-01-25 02:00 UTC
Sensor gps stop: 2017-01-25 02:00 UTC

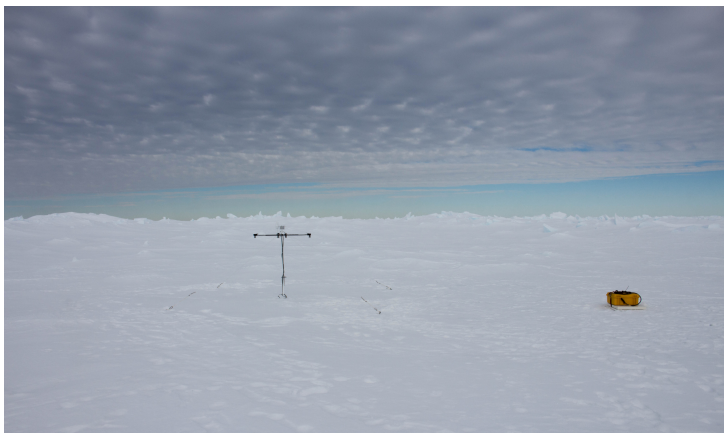
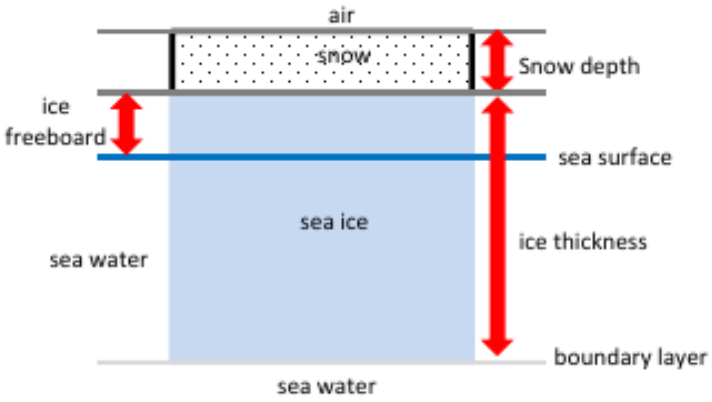


Photo credits:



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

Deployed along with 2016T41
Floe description: diameter bigger than 1km, 60-70 percent ridges with an height of 2-3 meters, deployment in the center of the floe, old weatherd snow
Weather: partly cloudy