Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015S41
IMEI: 300234062786180
WMO number: 7100756
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 30.12.2015 20:23
Position (Lat/Lon): -75.05418/-29.70713
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: 0.19 m
Ice thickness: 0.86 m
Ice freeboard: 0.07 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Initial sh1: 0.19 m
Initial sh2: 0.21 m
Initial sh3: 0.175 m
Initial sh4: 0.19 m
Temp correction: off
Sensor press stop: 2016-04-11 09:00 UTC
Sensor sh4 stop: 2016-04-11 06:00 UTC
Sensor sh3 stop: 2016-04-11 01:00 UTC
Sensor sh2 stop: 2016-04-10 23:00 UTC
Sensor sh1 stop: 2016-04-11 01:00 UTC
Sensor temp stop: 2016-04-11 09:00 UTC
Sensor gps stop: 2016-04-11 09:00 UTC

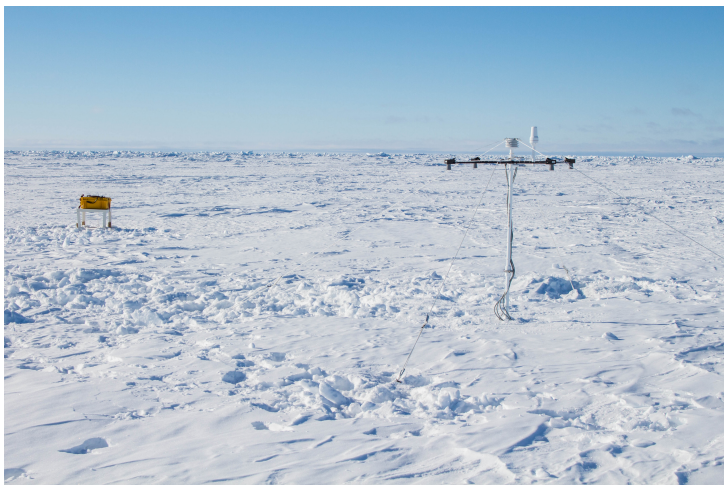
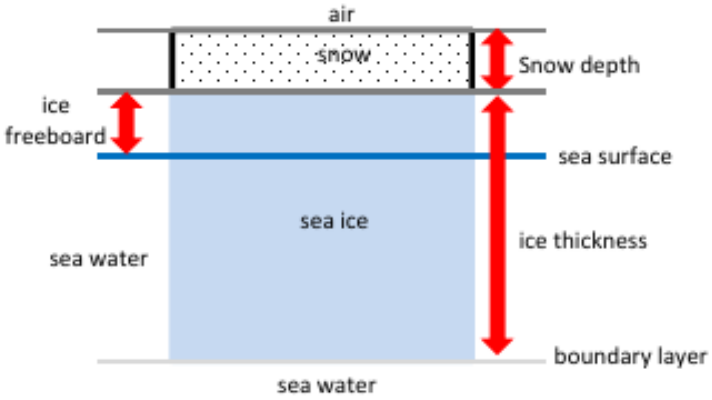


Photo credits:



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

Deployed along with 2015T28
Floe description: diameter 0.5-1km, 10 percent ridges with an height of 1-1.5 meters, deployment in the center of the floe, old weatherd snow
Weather: clear sky and windy

Buoy died probably due to an rafting event