Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015S42
IMEI: 300234062782210
WMO number: 7100757
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 26.12.2015 12:35
Position (Lat/Lon): -72.54521/-19.57686
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: 0.76 m
Ice freeboard: 0.09 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor press stop: 2016-05-04 20:04 UTC
Initial sh2: 0.03 m
Initial sh3: 0.04 m
Temp correction: off
Sensor sh1 stop: 2016-02-14 00:00 UTC
Sensor sh2 stop: 2016-02-14 00:00 UTC
Sensor temp stop: 2016-02-14 00:00 UTC
Sensor gps stop: 2016-05-04 20:04 UTC
Initial sh4: 0.02 m
Initial sh1: 0.04 m
Sensor sh4 stop: 2016-02-14 00:00 UTC
Sensor sh3 stop: 2016-02-14 00:00 UTC

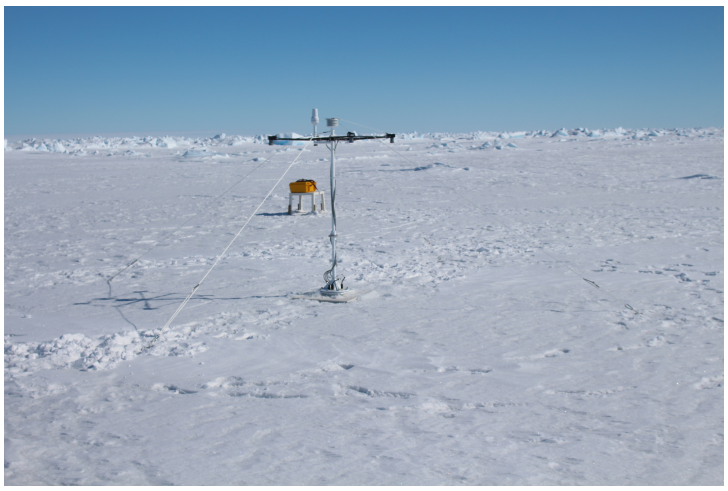
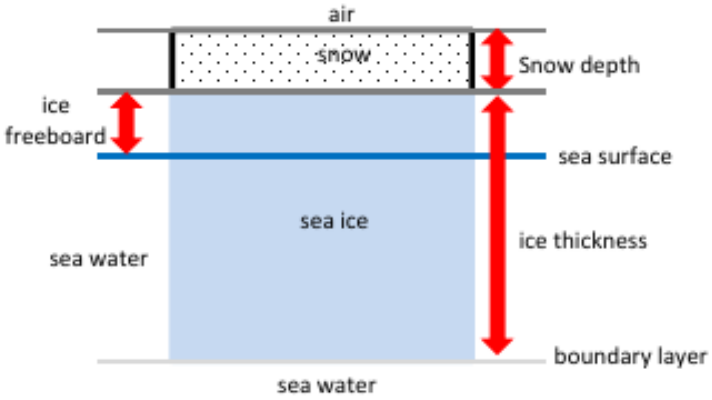


Photo credits:



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

free of costs replacement of buoy S5
Deployed along with 2015T27
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