Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015S39
IMEI: 300234062781450
WMO number: 7100254
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 23.12.2015 13:35
Position (Lat/Lon): -70.69883/-11.07907
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: 0.3 m
Ice thickness: 1.61 m
Ice freeboard: 0.03 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Initial sh1: 0.3 m
Initial sh2: 0.28 m
Initial sh3: 0.29 m
Initial sh4: 0.31 m
Temp correction: off
Sensor sh3 stop: 2016-02-11 19:00 UTC
Sensor sh2 stop: 2016-02-11 17:00 UTC
Sensor gps stop: 2016-02-13 23:03 UTC
Sensor temp stop: 2016-02-13 10:03 UTC
Sensor press stop: 2016-02-13 23:03 UTC
Sensor sh4 stop: 2016-02-11 19:00 UTC
Sensor sh1 stop: 2016-02-11 16:00 UTC

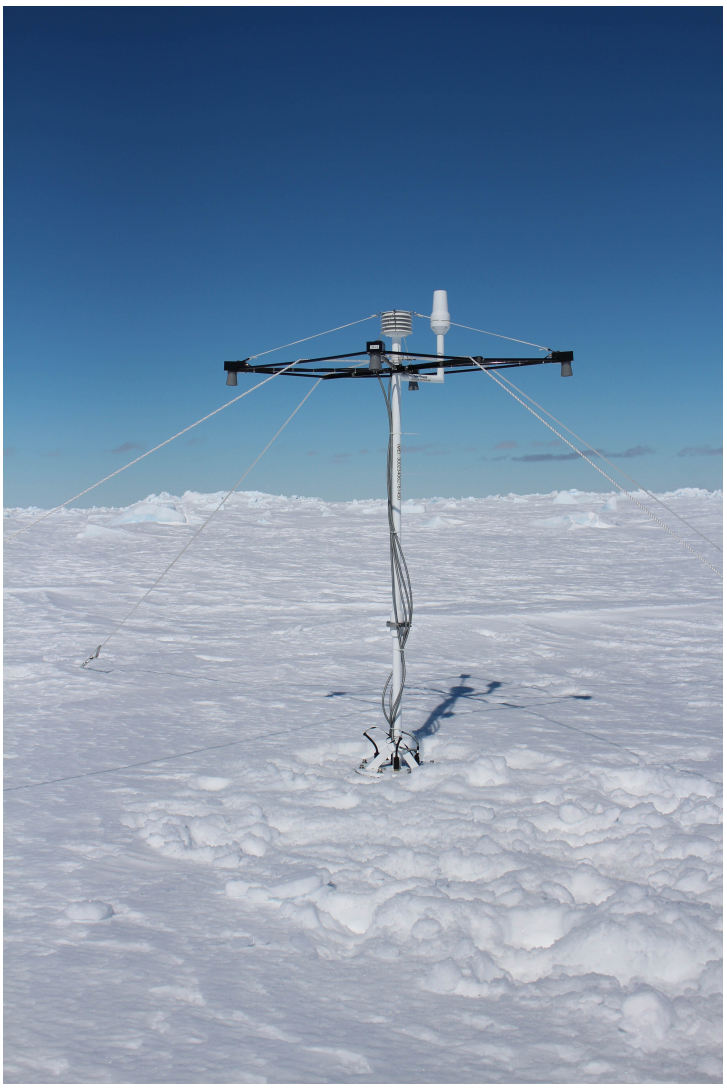

Photo credits:

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

Deployed along with 2015T26 and as the center point of the drift array with 2015P15, 2015P17, 2015P19, 2015P21
Floe description: diameter bigger than 1km, 40-50 percent ridges with an height of 3-4 meters, deployment in the center of the floe, old weatherd snow
Weather: clear sky
WMO: 7100254 (Antarctic)