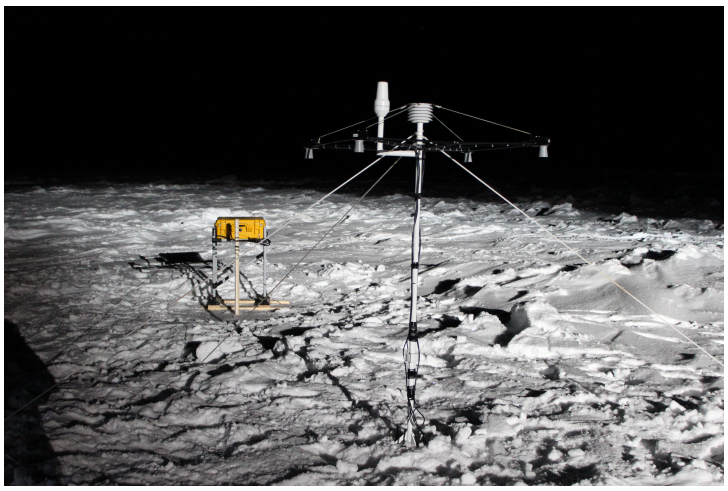
Buoy Deployment Report

seaiceportal.de

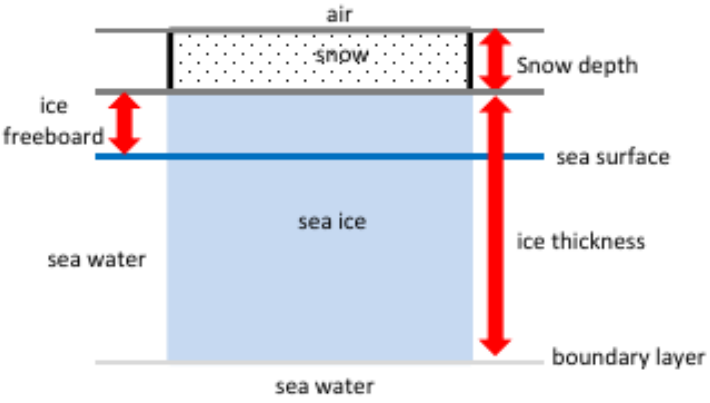
Buoy information

Buoy name: 2013S8
IMEI: 300234060540740
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 09.07.2013 07:00
Position (Lat/Lon): -67.19280/-13.23740
Region: Weddell Sea
Contact:
Mario Hoppmann (AWI)
Sandra Schwegmann (AWI)
Stefan Hendricks (AWI)
Expedition name: PS81-ANT29/6
Means of deployment: Ship - gangway



Snow and ice conditions

Snow depth:
Ice thickness: 0.8 m
Ice freeboard:
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Initial sh1: 0.18 m
Initial sh2: 0.095 m
Initial sh3: 0.11 m
Initial sh4: 0.145 m
Temp correction: off
Sensor gps stop: 2014-01-05 23:02 UTC
Sensor temp stop: 2014-01-05 23:02 UTC
Sensor press stop: 2014-01-05 23:02 UTC
Sensor sh4 stop: 2014-01-02 00:00 UTC
Sensor sh3 stop: 2014-01-02 00:00 UTC
Sensor sh2 stop: 2014-01-02 00:00 UTC
Sensor sh1 stop: 2014-01-02 00:00 UTC

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

Slightly snowing, less wind, not so cold (~15°C)
Buoy lean a bit, drilled through the ice.
Buoy had slight upwelling, maybe not well grounded.
Buoy stands together with a finish IMB
Former name: WS_S_07
No data available for initial freeboard, initial snow depth, initial ice thickness is only an average