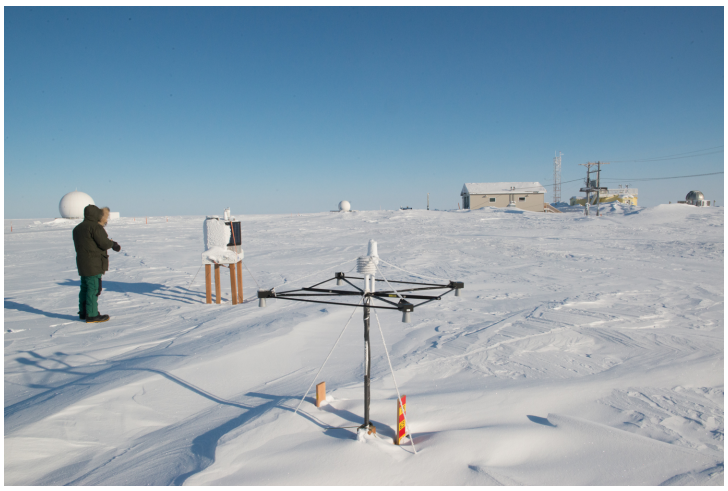
Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014S25
IMEI: 300234011699881
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

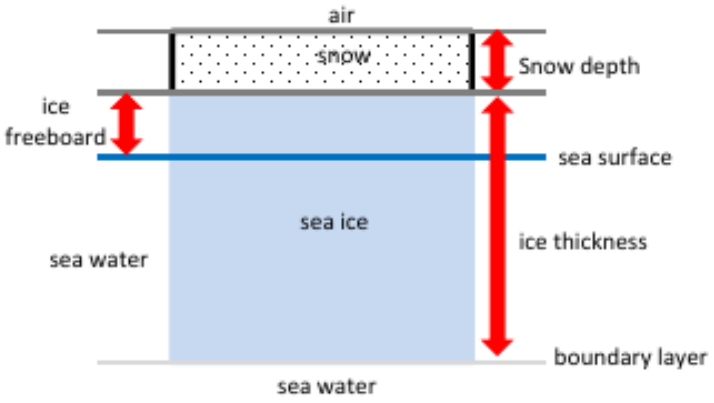


Deployment information

Date and Time (UTC): 28.09.2014 14:00
Position (Lat/Lon): 71.32300/-156.61440
Region: Alaska, Barrow test site
Contact:
Ignatius Rigor (UW)
Expedition name: SIZONet 2014
Means of deployment: Snow mobile

Snow and ice conditions

Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
on land



Buoy-specific parameters

Sensor temp stop: 2015-08-27 10:00 UTC
Sensor press stop: 2015-08-27 10:00 UTC
Sensor sh2 stop: 2015-08-27 10:00 UTC
Sensor sh1 stop: 2015-08-27 10:00 UTC
Sensor gps stop: 2015-08-27 10:00 UTC
Sensor sh4 stop: 2015-08-27 05:00 UTC
Sensor sh3 stop: 2015-08-27 10:00 UTC
Temp correction: on

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

Redeployment from 300234011699880 (2013S4)
No data available for initial freeboard, initial ice thickness, initial snow depth and snow thicknesses under the sensors.
This snow buoy was installed as part of a buoy inter comparison (in particular air temperature) on land close to Barrow Alaska. It was installed in a construction that held it upright, because it was not drilled into the ground. Sensor 3 measures the rather constant distance to the table. The snow buoy sits in the middle of many other installations, that cause local disturbance of the snow accumulation. At the end of the time series all snow is melted and the distance to the tilted ground is measured.
Note: The data set from this buoy does not show snow depth, but only relative changes. Snow depth from this buoy is strongly affected by effects of the installations of the test site.
Start date corrected from original note: 26.09.14 02:37