Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014S13
IMEI: 300234061610020
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

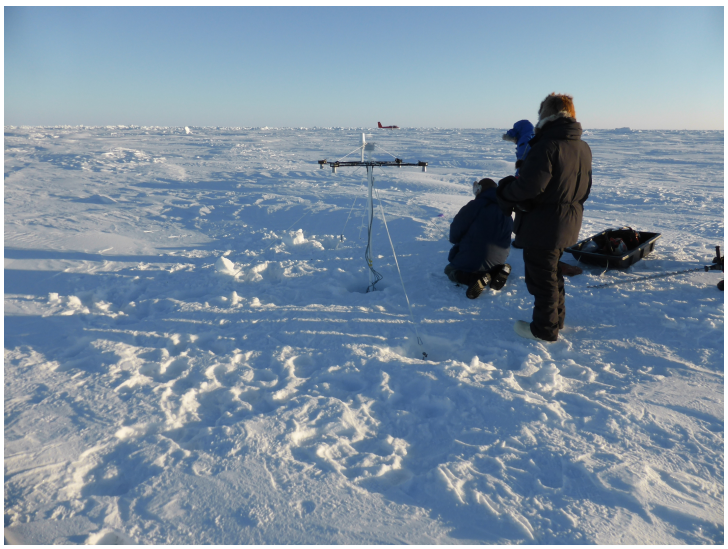
Date and Time (UTC): 30.03.2014 19:18
Position (Lat/Lon): 85.99300/-33.98640
Region: Arctic Ocean
Contact:
Christian Haas (YorkU)
Expedition name: CryoVEx 2014
Means of deployment: Plane - landing

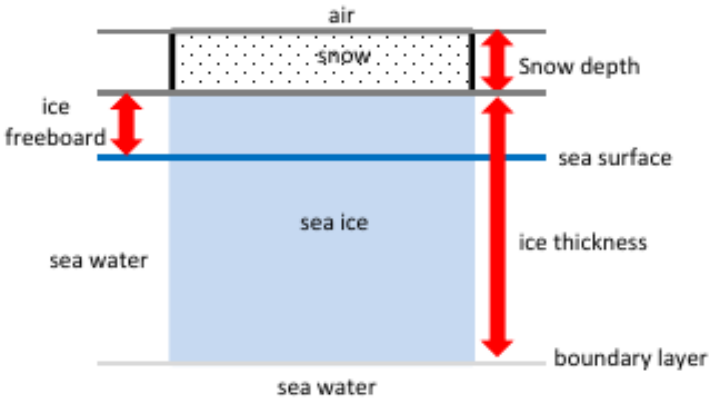
Snow and ice conditions

Snow depth: 0.22 m
Ice thickness: 1.4 m
Ice freeboard: 0.05 m
Ice types:
Refrozen crack/lead within SYI/MYI floe

Buoy-specific parameters

Temp correction: off
Sensor sh4 stop: 2014-07-12 02:00 UTC
Sensor sh3 stop: 2014-07-12 02:00 UTC
Sensor sh2 stop: 2014-07-12 02:00 UTC
Sensor sh1 stop: 2014-07-12 02:00 UTC
Sensor press stop: 2014-07-20 19:00 UTC
Sensor temp stop: 2014-07-20 19:00 UTC
Sensor gps stop: 2014-07-20 19:00 UTC





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

Second/multiyear floe surrounded by quite some first year ice, and few prominent, extremly long and straight open leads. This was CryoVExs northern site, and ice and snow thickness data exist along a 500m long profile. Snow buoy was located at 175 m along that profile. Snow thickness under sensors not separately measured due to weather and time constraints
Former name: Alert_1
Note: The data set from this buoy does not show snow depth, but only relative changes