Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014S14
IMEI: 300234061610030
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

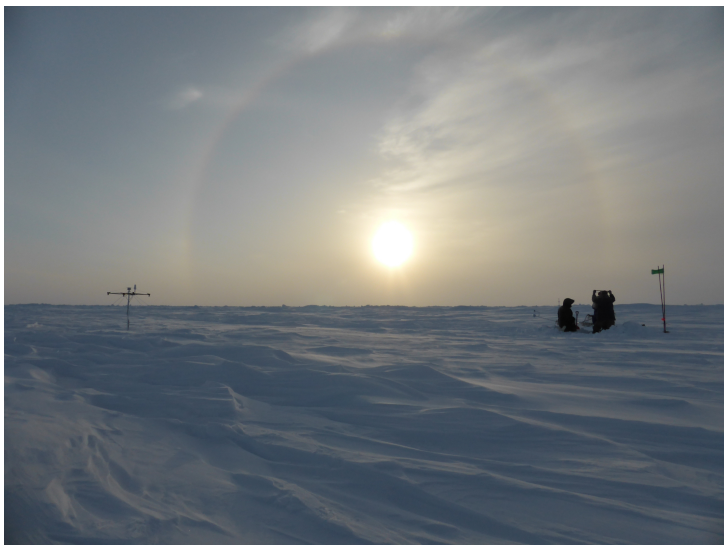
Date and Time (UTC): 01.04.2014 13:00
Position (Lat/Lon): 83.97340/-39.54980
Region: Arctic Ocean / Lincoln Sea
Contact:
Christian Haas (YorkU)
Expedition name: CryoVEx 2014
Means of deployment: Plane - landing

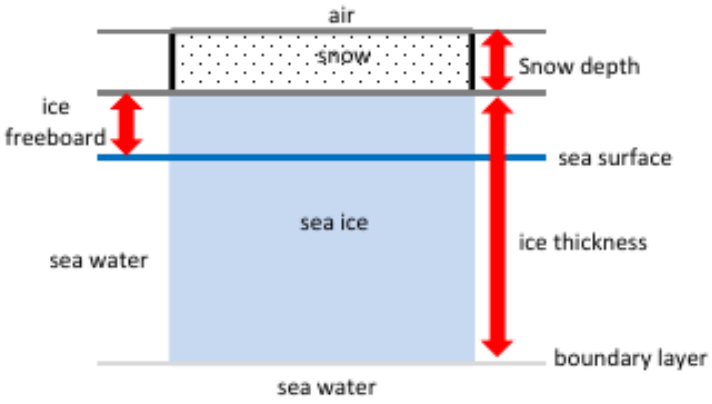
Snow and ice conditions

Snow depth: 0.35 m
Ice thickness: 3.21 m
Ice freeboard: 0.13 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Initial sh1: 0.31 m
Initial sh2: 0.41 m
Initial sh3: 0.42 m
Initial sh4: 0.31 m
Temp correction: off
Sensor press stop: 2015-12-16 00:04 UTC
Sensor sh4 stop: 2014-07-02 16:00 UTC
Sensor sh3 stop: 2014-07-02 16:00 UTC
Sensor sh2 stop: 2014-07-02 16:00 UTC
Sensor sh1 stop: 2014-07-02 16:00 UTC
Sensor temp stop: 2015-12-16 00:04 UTC
Sensor gps stop: 2015-12-16 00:04 UTC





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

Multiyear floe with quite some hummocks. This was CryoVExs main Greenland site, and ice and snow thickness data exist along a 400 m long profile centered in a 400mx60m, 5x5 m snow grid. Snow buoy was located at (295,40) m in that grid.
Former name: Alert_2