Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019S104
IMEI: 300234065621411
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 19.04.2019 14:38
Position (Lat/Lon): 82.55946/-62.79449
Region: High Arctic
Contact:
Christian Katlein (AWI)
Steve Duerksen (DFO-MPO)
Expedition name: Alert_MAPLI19
Means of deployment: Snow mobile

Snow and ice conditions

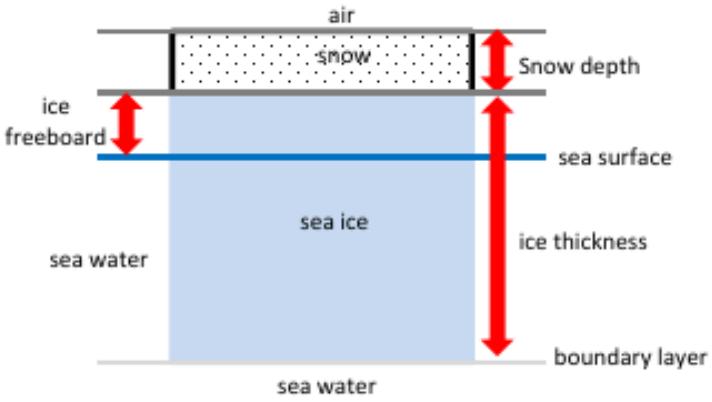
Snow depth: 0.29 m
Ice thickness:
Ice freeboard:
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor temp stop: 2019-05-25 15:00 UTC
Sensor press stop: 2019-05-25 15:00 UTC
Sensor sh4 stop: 2019-05-25 14:00 UTC
Sensor sh3 stop: 2019-05-25 15:00 UTC
Sensor gps stop: 2019-05-25 15:00 UTC
Temp correction: off
Sensor sh2 stop: 2019-05-25 15:00 UTC
Sensor sh1 stop: 2019-05-25 15:00 UTC



Photo credits:



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

could be recovered
Ice thickness: 2.44 m (measured on recovery)
Ice Freeboard: 0.225 m (measured on recovery)
Sensor 1 in m: 0.3, 0.28, 0.33 (measured on recovery)
Sensor 2 in m: 0.33, 0.31, 0.33 (measured on recovery)
Sensor 3 in m: 0.3, 0.3, 0.29 (measured on recovery)
Sensor 4 in m: 0.32, 0.33, 0.31 (measured on recovery)