Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2026I18
IMEI: 301434060408490
Buoy type: Seasonal Ice Mass Balance buoy
Buoy owner: Thayer School of Engineering at Dartmouth

Deployment information

Date and Time (UTC): 15.08.2026 12:00
Position (Lat/Lon): 89.98333/51.55000
Region: Geographic North Pole
Contact:
Don Perovich (Dartmouth)
Johannes Gerstein (AWI)
Expedition name: Charcot 2026
Means of deployment: Ship - gangway

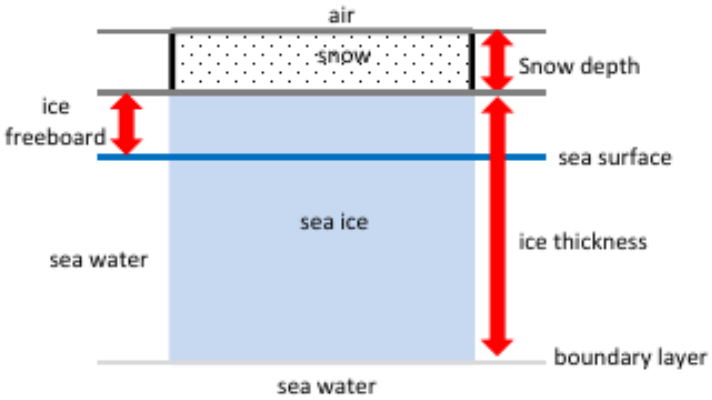
Snow and ice conditions

Snow depth: 0.3 m
Ice thickness: 2 m
Ice freeboard:
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters



Photo credits:



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

Floe ridged and roughly 1km^2 in size. During our 200m Ice thickness Transect we measured thickness values from 1 to 3m . Snow thickness was between 6 to 60cm with the average being about 30cm.