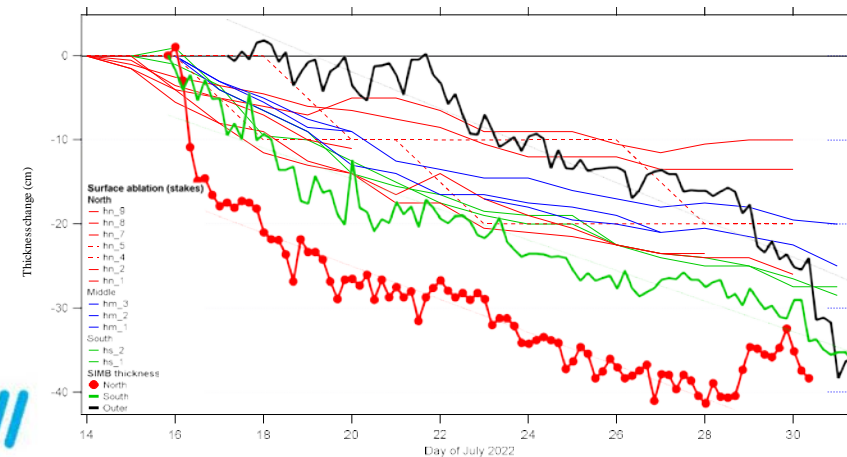
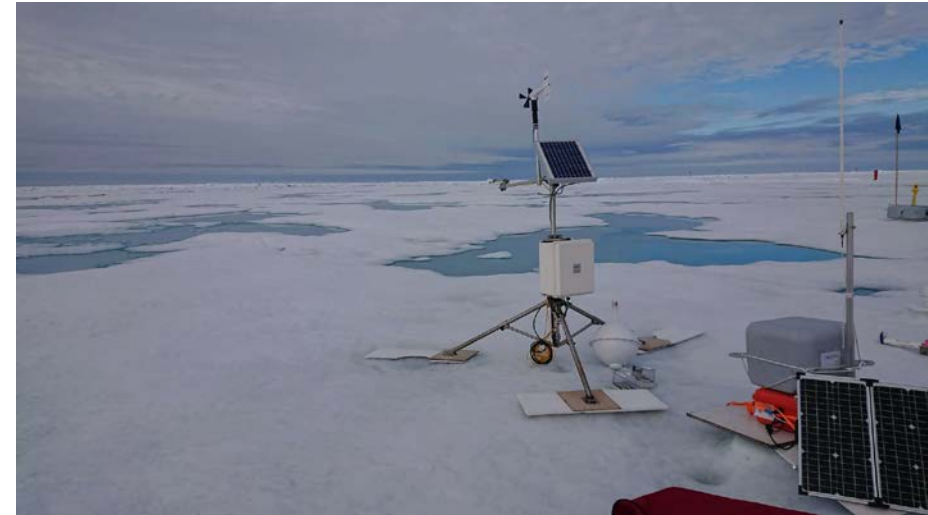


Observations of the sea ice surface energy balance in summer, and consequences for ice melt

- Analyse weather station data from the Polarstern ATWAICE cruise to the Arctic in the summer of 2022 to derive the surface energy balance, and compare it with measurements of ice melt during the same time period
- How did turbulent and radiation fluxes change? How much melt was there at the surface and bottom of the ice?
- Use in-situ weather station, buoy, and ice thickness data, ship observations, and ERA5 atmospheric reanalysis data
- Requirements: Good programming and English language skills, good grades (experience with atmospheric physics is of advantage)



Christian.Haas@awi.de, Mara.Neudert@awi.de

