

Cruise METEOR M166 (GPF 18-1_59)

Emden – Emden - 09.09.2020 – 08.10.2020

1. Weekly report: 8. – 12. Sep. 2020



The research vessel METEOR left the port of Emden, Germany, on September 9, 2020 at 08:30 local time. The cruise participants arrived on the ship the day before departure after we received a negative corona test for the entire team during a three-day quarantine test camp at the hotel in Leer. We started to unload the instruments from our two containers and secured the heavy instrument on the main deck.

The main work of the first days was to prepare the laboratories, check the instruments and install computers to be sure that we could start properly at the first station. The transit to the first station, which was our test station, was smooth at the beginning, but from Friday evening on, we had stormy weather and the swell waves started to increase to 4.5 m coming from the west and later from the north.

On Saturday evening, we entered the research area in the Icelandic EEZ, where we started our work testing the sensors and releasers of our moorings.

One of the main scientific objectives of the cruise is to identify the overflow in the Western Valley. Our team of scientists and students worked so well with our technician and crew on the METEOR that we were able to prepare the moorings during the transit.

On Sunday, we deployed three moorings, and tomorrow, on Monday, we will deploy the last one in the Western Valley after checking the data from three CTD sections. All four moorings will be recovered, and two will be redeployed at the end of the cruise to be collected in 2021.

Thereafter, we will head for the Denmark Strait. Apparently, more storms are predicted for the next few days, so we will have to reorganize the work plan and update it, based on weather conditions.



Picture from Raphael Pistor.

We gratefully acknowledge the support of the German Science foundation, the German Research Fleet Coordination Centre, the shipping company Briese Research and the crew of the R/V METEOR.

Best wishes on behalf of all participants,

Hossein Mashayekh Poul
(Institute of Oceanography, University Hamburg)

R/V METEOR Sunday, 13 September 2020

For further information, please follow us here: https://twitter.com/M166_Meteor