

German Ice Report - No. 08

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Ice growth continues, ice is forming also at the outer Baltic Sea coasts.

North Sea coast

In the Northfrisian Wadden Sea there is mostly close to very close 10-20 cm thick ice in the harbours and shallow areas. In the harbour of Tönning there is about 15 cm thick fast ice. Off Eiderdamm there is open water. In the harbour of Hamburg there is very close 10-20 cm thick ice, on the Elbe very close to close 10-15 cm thick ice occurs from Hamburg to Stadersand and thin ice farther out to Brunsbüttel. Finally, there is new ice and ice formation up to Großer-Vogelsand-lighthouse. On the Weser, Jade and Ems there is close to open 5-15 cm thick ice or new ice. In the Eastfrisian Wadden Sea there is thin ice in places, at Wangerooge also compact 5-10 cm thick ice. On Kiel Canal there is close thin ice at Brunsbüttel.

Western Baltic Sea

In the inner fjord of Flensburg there is very close new ice. The Schlei is covered with 5-15 cm thick ice. In the harbour of Eckernförde there is very open new ice. Open new ice occurs in the Kiel-Binnenhafen, new ice formation farther out. In Heiligenhafen there is very close 5-10 cm thick ice. In Fehmarnsund and in the eastern part of Fehmarnbelt there is some new ice and ice formation. Very close, thin ice occurs in the harbour of Neustadt, the Bight of Neustadt is covered with new ice. On the Trave there is open 10-15 cm thick ice, in the harbour of Travemünde very open thin ice, farther out ice formation. In the harbour of Wismar thin ice, farther out to Walfisch 11 cm thick fast ice, then to Timmendorf close thin ice. Unterwarnow is covered with up to 10 cm thick ice, in the overseas ports and in sea channel Warnemünde open thin ice occurs. The Bodden waters south of Darß and Zingst are covered with 10-12 cm thick ice. Outside Zingst there is a belt of frozen shuga.

Southern Baltic Sea

The Bodden waters between Rügen and Hiddensee and the northern approach to Stralsund are covered with 10-20 cm thick ice. In the harbour of Stralsund and on the eastern approach to Stralsund there is compact 10-15 cm thick ice. At the coasts of the Greifswalder Bodden there is very close 10-15 cm thick ice, in sheltered regions also up to 20 cm thick, farther out compact 5-15 cm thick ice. In the harbours of Sassnitz and Mukran as well as farther out there is new ice. On the northern Peenestrom from Wolgast to Ruden and in Osttief there is compact 10-15 cm thick ice. Southern Peenestrom and Kleines Haff are covered with 10-20 cm thick fast ice. Along the outer coasts of Rügen and Usedom and in the Pomeranian Bight there is close thin ice, new ice and ice formation.

Outlook

Intensive ice formation will continue for further 24 hours.

Restrictions

The northern approach to Stralsund and Bodden waters south of Darß and Zingst are closed for navigation.

Only daytime navigation is allowed in the eastern approach to Stralsund and in approaches to Wolgast as well as to the harbours in Greifswalder Bodden and Kleines Haff.

From 03.02.2012: To Stralsund port, to Wolgast port and to ports in Greifswalder Bodden use of pilot are mandatory.

From 06.02.2012: Only ships with minimum ice class 1C and engine power not less than 1000 kW are assisted to Stralsund, Wolgast and the harbours in the southern Greifswalder Bodden (Lubmin, Vierow, Ladebow).

Icebreakers

There is 24h ice breaking assistance in the port of Hamburg.

ARKONA and some icebreaking vessels are working in the eastern waters.

BSH - Ice Service