

German Ice Report - No. 16

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New ice has been forming and the ice present has grown thicker.

North Sea coast

In the Northfrisian Wadden 15-30cm thick close to compact ice harbours and sheltered regions, else very open to close ice, 5-15cm thick. On the Elbe there is close new ice from Hamburg to Glückstadt, followed 10-15cm thick open ice to Cuxhaven. Still further out to and around Neuwerk there is 10-15cm thick very open ice with some thicker floes. In the Kiel Channel 10-15cm thick open ice at Brunsbüttel and open water at Holtenau. On the Weser there is new ice in places. In the Eastfrisian Wadden Sea there is 5-15cm thick open water, with some thicker ice in the Jade region. On the river Ems there is very open to open thin ice.

Western Baltic Sea

In Flensburg harbour compact new ice, further out open new ice. On the Schlei there is 5-15 cm thick close. New ice in the harbour and bay of Eckernförde and at the harbours of Kiel and Heiligenhafen. In Neustadt harbour there is very close thin ice. Thin very open ice also between Lübeck and Travemünde. At Wismar harbour there is 10-15cm thick open ice, then out to Walfisch 10-15cm thick fast ice with a broken lead and further out to Timmendorf very close thin ice. In Rostock there is 10-12 compact ice in the city harbour and then very close to close thin ice and new ice stretches out to Warnemünde. The Bodden waters south of Darß and Zingst are covered with 10-15cm thick ice.

Southern Baltic Sea

Outside Hiddensee new ice. In the northern approach to Stralsund there is 15-30cm thick compact and fast ice. On the Fairway to Hiddensee there is 10-15cm thick compact ice. In the eastern approach to Stralsund there is 10-15cm compact ice to Fressendorfer Haken and further out in the eastern and central Greifswalder Bodden there is 5-30cm thick close ice. Along the southern and northern shores of the Bodden there is close to compact ice, up to 25 cm thick in sheltered regions. On the northern Peenestrom there is 5-15cm thick compact ice out to Ruden. The southern Peenestrom and the Kleines Haff are covered with 8-15 cm thick fast ice.

Outlook

Ice formation will continue today, but rising temperatures to values around zero on Thursday and Friday and increasing wind will slow down new ice formation. But if the expected precipitation is in form of snow, slush can form in coastal areas. Easterly to north-easterly winds will push the ice to the southwest, therefore ice conditions can become harder in the eastern approach to Stralsund and the ice now present in the eastern part of the Pomeranian bay will accumulate along the southwestern shores.

Restrictions: Only daytime navigation is allowed in approaches to Stralsund and Wolgast as well as to the harbours in Greifswalder Bodden. The southern Peenestrom, Kleines Haff and river Peene are closed for navigation.

Icebreaker: In Hamburg port assistance is given if necessary.

BSH - Ice Service