

German Ice Report - No. 22

2010-12-28

AA 16242 25353 3//// 45353
BB 1//// 2////
CC 15242 24141 34120
DD 19344 23211 43101 51100 72000
EE 12100
FF 16242 23020
GG 12000 24101 43200
HH 14202 25702 33201 42201
II 11000 35361
KK 24222 33221 41//1
LL 13261 23161 32161 41000

Ice formation continued.

North Sea coast

In the Northfrisian Wadden Sea there is 15-40 cm thick close to compact ice in harbours and sheltered regions, else very open to open ice, 5-15 cm thick. Up to more than 50 cm thick floes, being formed on the Wadden, can drift around. In the harbour of Hamburg there is close 10-15 cm thick brash ice with some thicker ice in between. On the Elbe there is very close 10-15 cm thick ice to Glückstadt, then open to very open 10-15 cm thick ice to Neuwerk, with open water at Neuwerk, finally some new ice occurs to lighthouse Großer-Vogelsand. On the Kiel Channel there is at Brunsbüttel open 10-15 cm thick ice, between Holtenau and Fischerhütte close thin ice, else new ice occurs. On the river Weser there is at Bremerhaven very close 10-20 cm thick ice, else new ice and thin open ice in places. In the Eastfrisian Wadden Sea there is open to close 10-15 cm thick ice in the Jade Estuary, else open water and 5-10 cm thick open ice with some thicker floes in between occurs. On the river Ems there is 5-15 cm thick very open ice and open water.

Western Baltic Sea

In the harbour of Flensburg and in the Innenförde there is compact 5-15 cm thick ice, farther off new ice occurs. Schlei is covered with 5-15 cm thick ice. Open new ice in the harbour of Eckernförde, some new ice in the Bight. In the harbour Heiligenhafen compact thin ice. Open new ice and ice formation in the harbour of Kiel, in the inner Kieler fjord, in Fehmarnsund and off Dahmeshöved. Very close thin ice occurs in the harbour of Neustadt and open thin ice from Lübeck to Travemünde. In the harbour of Wismar there is close 15-20 cm thick ice, farther out to Walfisch 10-20 cm thick fast ice with broken lead, finally open ice to Timmendorf. In Rostock there is 15-20 compact ice in the city harbour, very close to close 5-15 cm thick ice and new ice stretches out to the sea channel of Warnemünde. The Bodden waters south of Darß and Zingst are covered with 10-20 cm thick ice.

Southern Baltic Sea

In the northern approach to Stralsund and on the fairway to Hiddensee there is 10-30 cm thick compact ice and fast ice. In the eastern approach to Stralsund there is compact 10-20 cm thick ice to Freesendorfer Haken, at the Landtiefrinne there is very close 15-30 cm thick ice. In the Greifswalder Bodden there is along the shores fast ice 10-30 cm thick, farther out mostly very close ice, in outer areas thin ice and new ice. On the northern Peenestrom there is close to very close 10-15 cm thick ice out to Ruden. The southern Peenestrom and the Kleines Haff are covered with 10-25 cm thick fast ice. Off the Greifswalder Oie and along the coast of island Usedom there is compact 5-10 cm thick ice and new ice. Close thin ice and new ice occurs at the western coast of island Hiddensee.

Outlook

At moderate to strong frost, ice formation in the German coastal waters and in the Pomeranian Bight will continue for another two days. New ice may form also near the coasts in the Bights of Kiel and Mecklenburg.

Restrictions: Only daytime navigation is allowed in approaches to Stralsund and Wolgast as well as to the harbours in Greifswalder Bodden. To Stralsund port use of pilot and convoy formation are mandatory. The southern Peenestrom, Kleines Haff and river Peene are closed for navigation.

Icebreaker: In Hamburg port assistance is given if necessary.
BSH - Ice Service