

## **German Ice Report - No. 18**

2012-02-16

AA 16345 26345 30/// 40///  
BB 11005 26345  
CC 15242 23311 31000 40//0  
DD 18232 24202 41000 51710  
FF 1//// 25241 32240  
GG 41100  
HH 14852 25202 31100  
II 10//0 20//0 30//0  
LL 11010

At the North Sea coast the ice decreased further. The ice also slowly decreasing in the Baltic

### **North Sea coast**

In the Northfrisian Wadden Sea there is mostly very open to close 10-20 cm thick ice, in places open water or up to 30cm thick compact ice. There is up to 30cm thick close to compact ice from the port of Hamburg to Glückstadt, further out open water and very open ice to Cuxhaven. On the Ems there is 5-10cm thick very open ice and open water out to Emden. On Kiel Canal there is open water at Brunsbüttel.

### **Western Baltic Sea**

In the inner fjord of Flensburg there is 10-15cm thick compact ice, further out 10-15cm thick very open ice to lighthouse Kalkgrund. On the inner Schlei there is 10-15 cm thick compact ice, further out 5-10cm open ice. At Kiel inner port open water. In Heiligenhafen there is very open 10-15 cm thick ice. On the Trave and in Trevemünde harbour there is open water. In the harbour of Wismar 10-15cm thick open ice, farther out to Walfisch 10-15cm thick fast ice, then 10-15cm thick close ice to Timmendorf. In Rostock the Unterwarnow is covered with up to 20 cm thick ice, in the overseas ports there is 10-15cm thick open ice. The Bodden waters south of Darß and Zingst are covered with 10-20cm thick ice with areas of thin open ice.

### **Southern Baltic Sea**

The Bodden waters between Rügen and Hiddensee and the northern approach to Stralsund are covered with 10-20 cm thick ice with areas of close ice. In the harbour of Stralsund and on the eastern approach to Stralsund there is 10-20 cm thick compact ice out to Freesendorfer Haken. Osttief and Landtief are ice free. At the coasts of the Greifswalder Bodden there is 10-20 cm thick fast ice, else close to compact 10-15 cm thick ice with areas of open water. On the northern Peenestrom there is compact 10-20 cm thick ice with areas of open water. Southern Peenestrom and Kleines Haff are covered with 10-20 cm thick fast ice. In Sassnitz port and farther out 5-10cm thick open ice. Along the outer coast of Usedom there is open water. In the South-eastern part of the Pomeranian Bight 5-15cm thick open ice is drifting.

### **Outlook**

The ice melt will continue and intensify.

### **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.

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

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