

Eisbericht Nr. 1

Amtsblatt des BSH

Jahrgang 97

Nr. 1

Monday, 06.11.2023

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Übersicht

In der zweiten Oktoberhälfte hatte sich in geschützten Buchten der nördlichen und nordöstlichen Bottenwiek das erste dünne Neueis der Saison gebildet. Seitdem ist die Eisbildung langsam vorangeschritten und jetzt ist auch in einigen geschützten Gebieten von Norra Kvarken Eis vorhanden. Schifffahrtsbeschränkungen wurden aber noch nicht ausgesprochen.

Overview

The first ice of the season appeared in the second half of October in sheltered places of the northern and northeastern Bay of Bothnia. Since then ice formation continued at a slow pace and actually new ice can also be found in sheltered areas of Norra Kvarken. But there are still no traffic restrictions in place.

Bay of Bothnia

Thin ice and new ice is present in sheltered places along the inner northern coast and new ice is present in sheltered areas of the inner eastern shore.

No larger ice formation is expected for the next two days, but with decreasing temperatures new ice will form later during the week.

The Quark

New ice is present in sheltered places in the Vaasa archipelago. Actually no new ice formation is expected, but as

temperatures drop in the course of the week some ice formation is expected over the weekend.

Gulf of Finland

Ice formation in Lake Saimaa. Further new ice formation is possible at the end of

the week.

Dr. J.Holfort

The next ice report will be issued latest on next Monday or earlier if traffic restrictions are put in place or larger changes are occurring.

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)
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Eisankünfte / Ice Information

Telefon: +49 (0) 381 4563 -780
Telefax: +49 (0) 381 4563 -949
E-Mail: ice@bsh.de

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Restrictions to Navigation

Baltic Sea Ice Code

<p>First number:</p> <p>A_B Amount and arrangements of sea ice</p> <p>0 Ice free</p> <p>1 Open water – concentration less than 1/10</p> <p>2 Very open ice - concentration 1/10 to 3/10</p> <p>3 Open ice – concentration 4/10 to 6/10</p> <p>4 Close ice – concentration 7/10 to 8/10</p> <p>5 Very close ice – concentration 9/10 to 9+/10</p> <p>6 Compact ice, including consolidated ice – concentration 10/10</p> <p>7 Fast ice with drift ice outside</p> <p>8 Fast ice</p> <p>9 Lead in very close or compact drift ice or along the fast ice edge</p> <p>/ Unable to report</p> <p>Third number:</p> <p>T_B Topography or form of ice</p> <p>0 Pancake ice, ice cakes, brash ice – less than 20 m across</p> <p>1 Small ice floes – 20 to 100 m across</p> <p>2 Medium ice floes – 100 to 500 m</p> <p>3 Big ice floes – 500 to 2000 m across</p> <p>4 Vast or giant ice floes – more than 2000 m across – or level ice</p> <p>5 Rafted ice</p> <p>6 Compact slush or shuga, or compacted brash ice</p> <p>7 Hummocked or ridged ice</p> <p>8 Thaw holes or many puddles on the ice</p> <p>9 Rotten ice</p> <p>/ No information or unable to report</p>	<p>Second number:</p> <p>S_B Stage of ice development</p> <p>0 New ice or dark nilas (less than 5 cm thick)</p> <p>1 Light nilas (5 - 10 cm thick) or ice rind</p> <p>2 Grey ice (10 - 15 cm thick)</p> <p>3 Grey-white ice (15 - 30 cm thick)</p> <p>4 White ice, first stage (30 - 50 cm thick)</p> <p>5 White ice, second stage (50 - 70 cm thick)</p> <p>6 Medium first year ice (70 - 120 cm thick)</p> <p>7 Ice predominantly thinner than 15 cm with some thicker ice</p> <p>8 Ice predominantly grey-white ice (15 – 30 cm) with some thicker ice</p> <p>9 Ice predominantly thicker than 30 cm with some thinner ice</p> <p>/ No information or unable to report</p> <p>Fourth number:</p> <p>K_B Navigation conditions in ice</p> <p>0 Navigation unobscured</p> <p>1 Navigation difficult or dangerous for wooden vessels without ice sheathing</p> <p>2 Navigation difficult for unstrengthened or low-powered vessels built of iron or steel. Navigation for wooden vessels even with ice sheathing not advisable</p> <p>3 Navigation without icebreaker assistance possible only for high-powered vessels of strong construction and suitable for navigation in ice</p> <p>4 Navigation proceeds in lead or broken ice-channel without the assistance of an icebreaker</p> <p>5 Icebreaker assistance can only be given to vessels suitable for navigation in ice and of special size</p> <p>6 Icebreaker assistance can only be given to vessels of special ice class and of special size</p> <p>7 Icebreaker assistance can only be given to vessels after special permission</p> <p>8 Navigation temporarily closed</p> <p>9 Navigation has ceased</p> <p>/ Unknown</p>
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Finland, 06.11.2023

Röyttä – Etukari

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