



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

Eisbericht Nr. 108

Amtsblatt des BSH

Jahrgang 98	Nr. 108	Wednesday, 14.05.2025	1
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Übersicht

In der Bottenwiek ist in den nordöstlichen Schären meist offenes Wasser. Auf See befindet sich im Osten von nördlich von Raahe bis Kalajoki 10–40 cm dickes, dichtes bis sehr dichtes Treibeis. Weiter nördlich ist meist offenes Wasser mit vereinzelt Eisschollen und Treibeis verschiedener Konzentration im Fahrwasser nach Oulu. Ansonsten ist es auf See eisfrei.

Overview

In the Bay of Bothnia, there is mainly open water in the north-eastern archipelagos. At sea in the east from north of Raahe to Kalajoki, there is 10–40 cm thick, close to very close drift ice. Further north is mainly open water with floes at places and drifting ice of varying concentration on the fairway to Oulu. Else at sea it is ice-free.

Bay of Bothnia

In the archipelagos of the northeastern Bay of Bothnia and on the fairways to Tornio and Kemi is mainly open water. On the fairway to Oulu, there is rotten drift ice of varying concentration from Oulu 5 to Oulu 2. From Tauvo southwards to Nahkiainen and to Kalajoki, there is 10–40 cm thick, mostly

very close and close ice. Around the ice is open water with some drifting single floes. Else at sea it is ice free.

With air temperatures above 0 °C ice melt will continue the coming day. The ice will drift in southerly directions.

W. Aldenhoff

Restrictions to Navigation

	Harbour/District	At least dwt/hp/kW	Ice Class	Begin
Finland	Tornio and Kemi	-	cancelled	14.05.
	Oulu	2000 dwt	II	14.05.
	Raahe	2000 dwt	I	09.05.
	Kalajoki	2000 dwt	II	05.05.

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

www.bsh.de/eis

www.bsh.de/ice

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Finland/Sweden

Vessels bound for Gulf of Bothnia ports in which assistance restrictions apply, shall when passing latitude 60° 00' N report their nationality, name, destination, ETA and speed to ICE INFO on VHF channel 82. This report can also be given directly by telephone to +46 10 492 7600.

Vessels bound for Finnish or Swedish ports with assistance restrictions in the Quark or the Bay of Bothnia shall, 20 nautical miles before Nordvalen Lighthouse (63° 32.15' N 20° 46.60' E), report in accordance with the instructions for winter navigation to Bothnia VTS on VHF channel 67.

Icebreakers: ALE and POLARIS assist in the Bay of Bothnia.

Baltic Sea Ice Code

First number: A_B Amount and arrangements of sea ice 0 Ice free 1 Open water – concentration less than 1/10 2 Very open ice - concentration 1/10 to 3/10 3 Open ice – concentration 4/10 to 6/10 4 Close ice – concentration 7/10 to 8/10 5 Very close ice – concentration 9/10 to 9+10 6 Compact ice, including consolidated ice – concentration 10/10 7 Fast ice with drift ice outside 8 Fast ice 9 Lead in very close or compact drift ice or along the fast ice edge / Unable to report Third number: T_B Topography or form of ice 0 Pancake ice, ice cakes, brash ice – less than 20 m across 1 Small ice floes – 20 to 100 m across 2 Medium ice floes – 100 to 500 m 3 Big ice floes – 500 to 2000 m across 4 Vast or giant ice floes – more than 2000 m across – or level ice 5 Rafted ice 6 Compact slush or shuga, or compacted brash ice 7 Hummocked or ridged ice 8 Thaw holes or many puddles on the ice 9 Rotten ice / No information or unable to report	Second number: S_B Stage of ice development 0 New ice or dark nilas (less than 5 cm thick) 1 Light nilas (5 - 10 cm thick) or ice rind 2 Grey ice (10 - 15 cm thick) 3 Grey-white ice (15 - 30 cm thick) 4 White ice, first stage (30 - 50 cm thick) 5 White ice, second stage (50 - 70 cm thick) 6 Medium first year ice (70 - 120 cm thick) 7 Ice predominantly thinner than 15 cm with some thicker ice 8 Ice predominantly grey-white ice (15 – 30 cm) with some thicker ice 9 Ice predominantly thicker than 30 cm with some thinner ice / No information or unable to report Fourth number: K_B Navigation conditions in ice 0 Navigation unobscured 1 Navigation difficult or dangerous for wooden vessels without ice sheathing 2 Navigation difficult for unstrengthened or low-powered vessels built of iron or steel. Navigation for wooden vessels even with ice sheathing not advisable 3 Navigation without icebreaker assistance possible only for high-powered vessels of strong construction and suitable for navigation in ice 4 Navigation proceeds in lead or broken ice-channel without the assistance of an icebreaker 5 Icebreaker assistance can only be given to vessels suitable for navigation in ice and of special size 6 Icebreaker assistance can only be given to vessels of special ice class and of special size 7 Icebreaker assistance can only be given to vessels after special permission 8 Navigation temporarily closed 9 Navigation has ceased / Unknown
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Finland, 14.05.2025

Röyttä – Etukari	1302
Etukari – Ristinmatala	1302
Ajos – Ristinmatala	1302
Ristinmatala – Kemi 2	1302
Kemi 2 – Ulkokrunni – Virpiniemi	1302
Oulu harbours – Kattilankalla	1305
Kattilankalla – Oulu 1	3795
Sea area SW of Oulu 1	1305
High Sea N of the latitude of Marjaniemi	1305
Raahe harbour – Heikinkari	4356
Heikinkari – Raahe lighthouse	4356
Raahe lighthouse – Nahkiainen	5356
Latitude Marjaniemi – Ulkokalla, Sea	5356
Rahja harbour – Välimatala	0//5
Vaelimatala to line Ulkokalla – Ykskivi	0//5

Sweden, 13.05.2025

Karlsborg – Malören	1402
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