



Maximum ice extent (on the chart)

2021-02-15 127 000 km²
(= average ice season)

Distance in ice to the ice edge

From Kemi	194 M
From St. Petersburg	205 M
From Riga	37 M

Winter navigation

	SWE	FIN
Icebreakers	8	8
Towed vessels	40	162
Assisted vessels	603	1655

Operational season

	SWE	FIN
Start	2021-01-02	2020-12-25
End	2021-05-14	2021-05-15
Assisting days, accumulated	361	630

Assistance restrictions for ports

Port	start	end
Karlsborg, Luleå	26.12.	13.5.
Haraholmen, Skelleftehamn	8.1.	13.5.
Holmsund	10.1.	11.4.
Rundvik-Örnsköldsvik	10.1.	28.3.
Ångermanälven	9.1.	25.4.
Härnösand-Stocka	1.2.	22.3.
Hudiksvall-Skutskär	1.2.	14.3.
Öregrund-Hallstadvik	7.2.	14.3.
Grisslehamn-Västervik	14.2.	28.2.
Mälaren	16.1.	22.3.
Oskarshamn-Bergövara	14.2.	28.2.
Vänern, Trollhätte kanal, Göta älv	1.2.	26.2.
Tornio, Kemi, Oulu	27.12.	16.5.
Raahе, Kalajoki, Kokkola	10.1.	16.5.
Pietarsaari	10.1.	4.5.
Vaasa	16.1.	15.4.
Kaskinen, Kristinankaupunki, Pori, Rauma	23.1.	22.3.
Uusikaupunki, Naantali, Turku	23.1.	25.3.
Taalintehtas, Förby	23.1.	5.4.
Hanko	10.2.	8.3.
Lappohja, Koverhar	23.1.	25.3.
Inkoo	23.1.	22.3.
Kantvik	23.1.	5.4.
Helsinki, Sköldvik	23.1.	22.3.
Lovisa	23.1.	5.4.
Mussalo	16.1.	22.3.
Kotka	16.1.	5.4.
Hamina	16.1.	11.4.
Lappeenranta, Saimaa Canal	14.12.	22.4.
Varkaus, Savonlinna, Ristiina, Imatra, Joensuu	14.12.	28.4.
Sillinjärvi, Kuopio, Joensuu, Puhos	14.12.	29.4.

Ice type and concentration

Ice free	Very open ice 1-3/10	Close ice 7-8/10	New ice (< 5 cm) 7-10/10
Open water < 1/10	Open ice 4-6/10	Very close or compact ice 9-9+/10	Nilas, grey ice (5-15 cm) 9-10/10
		Consolidated ice 10/10	Fast ice 10/10

Symbols

▼	Brash ice barrier	∞	Strips and patches	20-40	Ice thickness (cm)
—+—	Fracture	⌋⌋⌋	Rafted ice	ATLE*	Icebreaker (* coordinating)
⚡	Fracture zone	▲	Floebit, floeberg	—2°	Water temperature isotherm (°C)
▲▲	Ridged or hummocked ice				