



The Atlas of Canada
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Late Winter Sea Ice Conditions

Typical sea ice types are shown here near the end of the winter season. Also shown is how often sea ice has been present at any location on the 26th February over the last 30 years. Based on the observations of sea ice extents and ice types over the last 30 years, this map shows how frequently sea ice has been present and what is the most likely predominant ice type and where. Sea ice is any form of ice that is found at sea and has originated from the freezing of seawater. The ice type gives an indication of the thickness of sea ice such as new ice, grey ice, grey-white ice, first year ice, and old ice. Ice represents a danger for navigation. Information on sea ice is essential in estimating transportation costs, and what type of vessel is appropriate. The map shows the typical sea ice types near the end of the winter season (February 26) and as well as frequency of sea ice on that date. The frequency of sea ice indicates how often sea ice has been present on February 26 over the last 30 years.

0 150 300 450 600 km
Lambert Conformal Conic Projection. Standard Parallels 49°N and 77°N

- | | | |
|-------------------------------------------------------|--------------------------------------|-----------------------------------------|
| Late Winter Predominant Ice Type (February 26) | Populated Places | Road network |
| New ice | • 1 - 4 999 | — Road network |
| Grey ice | • 5 000 - 49 999 | — Ferry route |
| Grey-white ice | • 50 000 - 99 999 | |
| First-year ice | • 100 000 and greater | Boundaries |
| Old ice | ○ Provincial and Territorial Capital | — International |
| Permanent ice | ★ National Capital | — Provincial / Territorial |
| Estimated maximum ice limit | | — EEZ (200 miles) |
| | | — Canada / Kalaaat Nunaat dividing line |
-
- | |
|-------------------------------------------------------|
| Late Winter Frequency of Sea Ice (February 26) |
| 1% - 25% |
| 26% - 50% |
| 51% - 75% |
| 76% - 99% |
| 100% |

Source(s):
Late Winter Frequency of Sea Ice (February 26)
Regional Ice Charts from 1969 to 1998, Canadian Ice Service, Environment Canada.
Late Winter Predominant Ice Type (February 26)
Regional Ice Charts from 1969 to 1998, Canadian Ice Service, Environment Canada.

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