

# Seasonal Outlook

North American Arctic Waters  
Summer 2023



By the North American Ice Service

## **Seasonal Outlook for North American Arctic Waters issued by the Canadian Ice Service on June 1<sup>st</sup>, 2023.**

**The first set of 30 day ice outlook bulletins will be issued on June 15, 2023.**

### **Hudson Bay, Davis Strait and Labrador Coast**

#### **Summer ice outlook.**

Forecast ice events are expected to be earlier than normal for most of Foxe Basin, Hudson Strait, and Hudson Bay. Forecast ice events are expected to be slightly earlier to near normal for Davis Strait and along the Labrador coast.

See [http://weather.gc.ca/saisons/prob\\_e.html](http://weather.gc.ca/saisons/prob_e.html) for temperature trends.

#### **Southern Labrador Coast.**

Current conditions...

4-6 tenths first-year ice including a trace of old ice near the coast. 7-8 tenths first-year ice including a trace of old ice with areas of 9-9+ tenths first-year ice including a trace of old ice in the northwestern section. Elsewhere, bergy water.

- June 1-8

- 1-3 tenths ice with areas of 9-9+ tenths ice near the coast.

- Elsewhere, bergy water.

- June 9-17

- 1-3 tenths ice with areas of 4-6 tenths ice near the coast.

- Elsewhere, bergy water.

June 18-23

- Ice melting completely to bergy water.

Outlook for July...

- Bergy water.

## **Northern Labrador Coast.**

Current conditions...

Within 60-90 nautical miles of the coast... 7-9+ tenths first-year ice including a trace of old ice.

Bergy water further offshore.

Consolidated first-year ice including a trace of old ice along parts of the coast.

June 1-7

- South of Nain, 4-6 tenths ice with areas of 9-9+ tenths ice within 30-60 nautical miles of the coast.
- North of Nain, 7-8 tenths ice with areas of 9-9+ tenths ice within 60-90 nautical miles of the coast.
- Elsewhere, bergy water.
- Consolidated ice continuing to fracture.

June 8-15

- 4-6 tenths ice with areas of 7-8 tenths ice within 20-40 nautical miles of the coast in the southern section.
- 4-6 tenths ice with areas of 7-8 tenths ice within 60-80 nautical miles of the coast in the northern section.
- Elsewhere, bergy water.

June 16-30

- 1-3 tenths ice with areas of 4-6 tenths ice within 20-40 nautical miles of the coast in the northern section.
- Bergy water with areas of 1-3 tenths ice within 20 nautical miles of the coast in the southern section.
- Elsewhere, bergy water.

Outlook for July...

July 1-7

- Bergy water except 1-3 tenths ice within 20-40 nautical miles of the coast in the northern section.

July 11-17

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

## **Lake Melville.**

Current conditions...

Open water.

Outlook for June...

June 1-30

- Open water.

Outlook for July...

- Ice free.

## **Southern Davis Strait.**

Current conditions...

8-9+ tenths first-year ice including up to 2 tenths old ice in the western section. Elsewhere, bergy water. Consolidated first-year ice including a trace of old ice along parts of the Baffin Island coast.

Outlook for June...

June 1-19

- 7-8 tenths ice with areas of 9-9+ tenths ice in the western section.

- Elsewhere, bergy water.

After June 25...

- 4-6 tenths ice with areas of 7-8 tenths ice in the southwestern section.

- 7-8 tenths ice with areas of 9-9+ tenths ice in the northwestern section.

- Elsewhere, bergy water.

Outlook for July...

July 1-15

- 1-3 tenths ice with areas of 4-6 tenths ice in the southwestern section.

- 4-6 tenths ice with areas of 7-8 tenths ice in the northwestern section.

- Elsewhere, bergy water.

July 16-24

- 1-3 tenths ice with areas of 4-6 tenths ice in the western section.

- Elsewhere, bergy water.

After July 25

- Bergy water with patches of 1-3 tenths ice in the western section.

- Elsewhere, bergy water.

Outlook for August...

August 1-8

- Bergy water with patches of 1-3 tenths ice in the northwestern section.

- Elsewhere, bergy water.

After August 9

- Bergy water.

Outlook for September...

- Bergy water.

## **Northern Davis Strait.**

Current conditions...

9-9+ tenths first-year ice including up to 3 tenths old ice in the central and southwestern sections.

Bergy water with areas of 7-8 tenths first-year ice including a trace of old ice in the extreme eastern section.

Outlook for June...

June 1-21

- 9-9+ tenths ice in the western and central sections.
- Bergy water with areas of 4-6 tenths ice in the eastern section.

After June 22

- 7-8 tenths ice with areas of 9-9+ tenths ice in the western and central sections.
- Elsewhere, bergy water with areas of 1-3 tenths first-year ice.

Outlook for July...

After July 19

- 4-6 tenths ice with areas of 7-8 tenths ice in the western and central sections.
- Elsewhere, bergy water

After July 25

- 4-6 tenths ice with areas of 7-8 tenths ice in the northwestern section.
- 1-3 tenths ice in the southwestern section.
- Elsewhere, bergy water.

Outlook for August...

August 3-10

- 1-3 tenths ice with areas of 4-6 tenths ice in the northwestern section.
- Elsewhere, bergy water.

August 11-15

- Bergy water with 1-3 tenths ice in the western section.

August 16-23

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Frobisher Bay.**

Current conditions...

1-3 tenths first-year ice including a trace of old ice except 8-9+ tenths first-year ice including a trace of old ice in the extreme eastern section. Consolidated first-year ice in the western section and along parts of the coast in the rest of the bay.

Outlook for June...

June 1-15

- Bergy water with areas of 1-3 tenths ice in the western section. 8-9+ tenths ice in the extreme eastern section.
- Consolidated ice in the western section and in shallow bays.

June 16-30

- Consolidated ice beginning to fracture in the western section and along parts of the coast.
- Elsewhere, bergy water with areas of 4-6 tenths ice.

Outlook for July...

July 1-7

- Consolidated ice continuing to fracture.
- Elsewhere, bergy water with areas of 1-3 tenths ice.

July 15-23

- Bergy water with areas of 1-3 tenths ice.
- Remainder of consolidated ice continuing to fracture.

After July 29

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water

Outlook for September...

- Bergy water.

## **Cumberland Sound.**

Current conditions...

1-3 tenths first-year ice except 9-9+ tenths first-year ice including a trace of old ice in the southeastern section.

Consolidated first-year ice along parts of the coasts.

Outlook for June...

June 1-8

- Bergy water with areas of 1-3 tenths ice in the central section.
- 8-9+ tenths ice in the southeastern section.
- Consolidated ice beginning to fracture.

June 9-18

- 1-3 tenths ice with areas of 4-6 tenths ice in the central section.
- 8-9+ tenths ice in the southeastern entrance.
- Consolidated ice continuing to fracture.

After June 24

- 4-6 tenths ice with areas of 7-8 tenths ice in the eastern entrance.
- Elsewhere in the sound, bergy water with areas of 1-3 tenths ice.
- Consolidated ice continuing to fracture.

Outlook for July...

July 1-15

- 1-3 tenths ice with areas of 7-8 tenths ice in the eastern section.
- Elsewhere, bergy water with patches of 1-3 tenths ice.

July 16-25

- 1-3 tenths ice in the extreme eastern section.
- Elsewhere, bergy water.

Outlook for August...

August 1-5

- Ice melting completely to bergy water.

Outlook for September.

- Bergy water.

## **Hudson Strait.**

Current conditions...

Bergy water with areas of 1-3 tenths first-year ice in the northwestern section. 8-9+ tenths first-year ice in the southwestern section. 9-9+ tenths first-year ice including a trace of old ice in the extreme northeastern section. 9-9+ first-year ice including a trace of old ice in the extreme southeastern section. Consolidated first-year ice along the coasts.

Outlook for June...

June 1-10

- Bergy water with areas of 1-3 tenths ice in the northwestern section.
- 7-8 tenths ice in the southwestern section.
- 9-9+ tenths ice in the extreme eastern section.
- Consolidated ice beginning to fracture.

June 11-18

- Bergy water with occasional areas of 1-3 tenths ice in the northwestern section.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.
- Consolidated ice continuing to fracture.

June 19-24

- Bergy water with patches of 1-3 tenths ice in the northern section near the Baffin Island coast.
- 1-3 tenths ice with patches of 4-6 tenths ice along the Quebec coast.
- 4-6 tenths ice with areas of 7-8 tenths ice in the extreme eastern section.
- Consolidated ice continuing to fracture.

June 25-30

- Bergy water with areas of 1-3 tenths ice.
- 4-6 tenths ice in the extreme eastern section.
- Consolidated ice continuing to fracture.

Outlook for July...

July 1-12

- Bergy water with occasional patches of 1-3 tenths ice in the northeastern and extreme western sections.

July 13-July 20

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.



## **Ungava Bay.**

Current conditions...

9-9+ tenths first-year ice including a trace of old ice except 4-6 tenths first-year along the coast in the southwestern section outside of the consolidated ice edge.

Consolidated first-year ice along the coast.

Outlook for June...

June 1-10

- 1-3 tenths ice with areas of 4-6 tenths ice along the coast in the southwestern section.
- Elsewhere, 9-9+ tenths ice.
- Consolidated ice beginning to fracture.

June 11-21

- 4-6 tenths ice with areas of 7-8 tenths ice in the southern and western sections.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice continuing to fracture.

June 22-30

- 1-3 tenths ice with areas of 4-6 tenths ice in the southern and western sections.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

Outlook for July...

July 1-5

- 1-3 tenths ice with areas of 4-6 tenths ice.

July 6-15

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

## **Foxe Basin.**

Current conditions...

Open water with areas of 4-6 tenths first-year ice in the western section outside of the consolidated ice edges. 1-3 tenths first-year ice with areas of 9-9+ tenths ice north and west of Southampton Island. Elsewhere, 9-9+ tenths first-year ice.

Consolidated first-year ice along the coasts.

Outlook for June...

June 1-12

- Open water with areas of 4-6 tenths ice in the western section and west of Southampton Island.
- Elsewhere, 7-9+ tenths ice.
- Consolidated ice along the coasts.

June 13-30

- Open water with areas of 1-3 tenths ice in the western section and west of Southampton Island.
- Elsewhere, 7-9+ tenths ice.
- Consolidated ice along the coasts beginning to fracture.

Outlook for July...

July 1-15

- 4-6 tenths ice from Prince Charles Island to southeastern Foxe Basin.
- Open water with areas of 1-3 tenths ice in the extreme northwestern section.
- Open water west of Southampton Island.
- Elsewhere, 7-9 tenths ice.
- Consolidated ice continuing to fracture.

July 16-31

- 1-3 tenths ice with areas of 4-6 tenths ice from Prince Charles Island to southeastern Foxe Basin.
- Open water with areas of 1-3 tenths ice in the northwestern section.
- Open water west of Southampton Island.
- Elsewhere, 7-8 tenths ice.
- Consolidated ice continuing to fracture.

Outlook for August...

August 1-11

- Open water with areas of 1-3 tenths ice in the northwestern section.
- Open water west of Southampton Island.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

August 12-22

- Open water in the northwestern section and west of Southampton Island.
- Elsewhere, open water with areas of 1-3 tenths ice.

August 23-31

- 1-3 tenths ice in Fury and Hecla Strait.
- Elsewhere, open water.

Outlook for September...

September 1-7

- Ice melting completely to open water except patches of 1-3 tenths ice in Fury and Hecla Strait.

After September 8

- Ice free.

## **Northwestern Hudson Bay.**

Current conditions...

1-3 tenths first-year ice with areas of 9-9+ tenths first-year ice in the northeastern section. 7-8 tenths first-year ice along the coast in the western and southern sections outside of the consolidated ice edge. Elsewhere, 9-9+ first-year ice.

Consolidated first-year ice along the coasts.

Outlook for June...

June 7-19

- 1-3 tenths ice including areas of 4-6 tenths ice in the western and northeastern section.
- 7-8 tenths ice along coast in the southern section.
- Elsewhere, 8-9+ tenths ice.
- Consolidated ice along the coast.

June 20-30

- Open water with areas of 1-3 tenths ice in the northeastern section and along the consolidated ice edge in the western section.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice beginning to fracture.

Outlook for July...

July 3-12

- 4-6 tenths ice with areas of 7-8 tenths ice in the extreme southeastern section.
- Elsewhere, open water.
- Consolidated ice continuing to fracture.

July 13-20

- Ice melting completely to open water.

Outlook for August...

- Open water.

Outlook for September...

- Ice free.

## **Eastern Hudson Bay – James Bay.**

Current conditions...

4-6 tenths first-year ice in the northern section. 7-8 tenths first-year ice in southern James Bay. Elsewhere, 9-9+ tenths first-year ice. Consolidated first-year ice along parts of the coast and around the Belcher Islands.

Outlook for June...

June 10-20

- Open water with areas of 1-3 tenths ice in the northern section and in southern James Bay.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice in the southern section and northern James Bay.
- Consolidated ice beginning to fracture.

June 21-30

- Open water in the northern section and in southern James Bay.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.
- Consolidated ice continuing to fracture.

Outlook for July...

July 3-11

- Open water in the northern section and southern James Bay.
- Open water with areas of 1-3 tenths ice in northern James Bay.
- Elsewhere, 1-3 tenths ice with areas of 7-8 tenths ice.

July 12-20

- 1-3 tenths ice with areas of 4-6 tenths ice in the southern section and in northwestern James Bay.
- Elsewhere, open water.

July 21-27

- Open water with areas of 1-3 tenths ice in the extreme southwestern section.
- Ice in the northwestern part of James Bay melting completely to open water.
- Open water to ice free in central and southern James Bay as well as the rest of the eastern part of Hudson Bay.

After July 28

- Ice melting completely to open water.

Outlook for August...

- Open water.

Outlook for September...

- Ice free.

## **Southwestern Hudson Bay.**

Current conditions...

9-9+ tenths first-year ice except 7-8 tenths first-year ice in the extreme northern section and along the coast in the extreme southwestern section. Consolidated first-year ice along the coast.

Outlook for June...

June 3-13

- 4-6 tenths ice in the extreme northern section.
- 7-8 tenths ice along the coast in the southern section.
- Elsewhere, 9-9+ tenths ice.
- Consolidated ice beginning to fracture.

June 14-22

- 1-3 tenths ice in the extreme northern section.
- 7-8 tenths ice along the coast in the southern section.
- Elsewhere, 9-9+ tenths ice.
- Consolidated ice continuing to fracture.

June 23-30

- Open water in the northern section.
- Elsewhere, 7-8 tenths ice.
- Consolidated ice continuing to fracture.

Outlook for July...

July 1-13

- Open water in the northern section.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

July 14-23

- Open water in the northern section.
- 1-3 tenths ice with areas of 4-6 tenths ice in the southern section.

July 24-31

- 1-3 tenths ice in the southern section.
- Elsewhere, open water.

Outlook for August...

August 1-6

- Areas of 1-3 tenths ice in the southern section.
- Elsewhere, open water.

August 7-13

- Ice melting completely to open water.

Outlook for September...

- Ice free.

## **Eastern and Northern Arctic**

### **Summer ice outlook.**

In general, forecast ice events are expected to be earlier than normal over most locations this summer except near normal for southern Baffin Bay. See [http://weather.gc.ca/saisons/prob\\_e.html](http://weather.gc.ca/saisons/prob_e.html) for temperature trends.

### **Northern Baffin Bay.**

Current conditions...

9-9+ tenths first-year ice including up to 4 tenths old ice in the southern section.

1-3 tenths first-year ice including a trace of old ice with areas of 7-8 tenths first-year ice including a trace of old ice in the northern section. Consolidated first-year and old ice along the coasts.

Outlook for June...

June 1-14

- 4-6 tenths ice with areas of 9-9+ tenths ice in the northern section.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice along the coasts.

After June 15

- Bergy water with areas of 4-6 tenths ice drifting in from Kane Basin into the northwestern section and across the central section towards the entrance to Lancaster Sound.
- 4-6 tenths ice with areas of 9-9+ tenths ice in the southern section.
- Consolidated ice along the coast.

Outlook for July...

July 1-9

- Bergy water with areas of 4-6 tenths ice drifting in from Kane Basin into the northwestern section and across the central section towards the entrance to Lancaster Sound.
- 4-6 tenths ice with areas of 7-8 tenths ice in the southern section.

July 10-24

- Bergy water with areas of 4-6 tenths ice drifting in from Kane Basin into the northwestern section.
- Bergy water with areas of 4-6 tenths ice in the southern section.
- Consolidated ice beginning to fracture.

Outlook for August...

August 1-9

- 1-3 tenths ice with areas of 4-6 tenths ice in the extreme northwestern section.
- Elsewhere, bergy water with areas of 1-3 tenths ice in the extreme southern section and along the Baffin Island coast.

After August 15

- Occasional areas of 1-3 tenths old ice in the extreme northwestern section.
- Elsewhere, bergy water.

### **Southwestern Baffin Bay**

Current conditions...

9-9+ tenths first-year ice including up to 5 tenths old ice. Consolidated first-year and old ice along the Baffin Island coast.

Outlook for June...

June 1-20

- 9-9+ tenths ice.

June 21-30

- 9-9+ tenths ice except 7-8 tenths ice in the extreme northwestern section and along the coast outside the ice edge.
- Bergy water with areas of 1-3 tenths ice in the extreme eastern section.

Outlook for July...

July 1-15

- Bergy water in the extreme eastern section.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice beginning to fracture.

July 16-23

- 4-6 tenths ice with areas of 7-8 tenths ice in the western section.
- Bergy water in the extreme eastern section.
- Consolidated ice continuing to fracture.

July 24-31

- 1-3 tenths ice with areas of 4-6 tenths ice in the extreme western section
- Bergy water with areas of 1-3 tenths ice in the eastern section.

Outlook for August ...

August 1-7

- 1-3 tenths ice with areas of 4-6 tenths ice in the western section.
- Bergy water in the eastern section.

August 8-15

- Bergy water with areas of 1-3 tenths ice in the extreme western section.

After August 15

- Ice melting completely to bergy water in the western section.
- Elsewhere, bergy water.

Outlook for September...

- Bergy water.

## **Pond and Navy Board Inlets.**

Current conditions...

Consolidated first-year ice including up to 4 tenths old ice.

Outlook for July...

July 10-16

- Consolidated ice fracturing in Pond and Navy Board Inlet.

July 17-24

- 7-8 tenths ice with areas of 9-9+ tenths ice in Pond and Navy Board Inlets.
- Consolidated ice fracturing in Eclipse Sound.

July 25-29

- 7-8 tenths ice with areas of 9-9+ tenths ice in Eclipse Sound.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

After July 30

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

## **Admiralty Inlet.**

Current conditions...

Consolidated first-year ice.

Outlook for July...

July 5-12

- Consolidated ice fracturing.

July 13-20

- 4-6 tenths ice with areas of 7-8 tenths ice.

After July 21

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

## **Lancaster Sound.**

Current conditions...

1-3 tenths first-year ice including a trace of old ice with areas of 7-8 tenths first-year ice including a trace of old ice.

Consolidated first-year ice including a trace of old ice in the extreme western section.

Outlook for June...

June 1-15

- Consolidated first-year ice including a trace of old ice in the extreme western section.

- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

June 16-22

- Bergy water with areas of 1-3 tenths ice.

- Consolidated ice fracturing in the extreme western section.

June 23-30

- 7-9+ tenths ice in the extreme western section.

- Elsewhere, bergy water with areas of 1-3 tenths ice.

Outlook for July...

July 1-11

- Mainly bergy water in the eastern section.

- 4-6 tenths ice with areas of 7-8 tenths ice in the extreme western section.

July 12-31

- 1-3 tenths ice in the extreme western section.

- Elsewhere, bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

After September 25

- Bergy water with the risk of areas of 1-3 tenths old ice in the extreme eastern section.



## **Barrow Strait.**

Current conditions...

Consolidated first-year ice. Consolidated first-year ice including a trace of old ice in the extreme southeastern section.

Outlook for June...

June 1-28

Consolidated ice.

After June 29

- Consolidate ice beginning to fracture in the eastern section.

Outlook for July...

July 4-15

- 7-9 tenths ice in the eastern section.

- Consolidated ice beginning to fracture in the western section.

July 20-31

- 1-3 tenths ice with areas of 7-8 tenths ice in the eastern section.

- 7-8 tenths ice in the western section.

Outlook for August...

August 1-15

- 1-3 tenths ice in the eastern section.

- 4-6 tenths ice with areas of 7-8 tenths ice in the western section.

After August 16

- Bergy water with areas of 1-3 tenths ice in the eastern section.

- 4-6 tenths ice with areas of 7-8 tenths ice in the western section.

Outlook for September...

September 1-23

- Bergy water with areas of 1-3 tenths ice.

September 24-30

- New and grey ice forming, increasing concentration to 7-9+ tenths ice in the western section.

- Some new ice forming, increasing concentration to 4-6 tenths ice in the eastern section.

## **Prince Regent Inlet.**

Current conditions...

7-9+ tenths first-year ice including a trace of old ice.

Outlook for June...

June 1-12

- 7-8 tenths ice in the northern section.
- 9-9+ tenths ice in the southern section.

June 13-30

- 4-6 tenths ice with areas of 7-8 tenths ice in the northern section.
- 7-8 tenths ice with areas of 9-9+ tenths ice in the southern section.

Outlook for July...

July 1-15

- 1-3 tenths ice in the northern section.
- 4-6 tenths ice in the southern section.

July 16-24

- Bergy water in the northern section.
- 1-3 tenths ice in the southern section.

After July 25

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

## **Gulf of Boothia.**

Current conditions...

9-9+ tenths first-year ice.

Consolidated first-year ice along the coasts.

Outlook for July...

July 10-17

- 9-9+ tenths ice.

- Consolidated ice in Pelly and Committee Bay beginning to fracture.

July 18-25

- 1-3 tenths ice in Pelly Bay.

- Elsewhere, 8-9+ tenths ice.

- Consolidated ice continuing to fracture.

After July 26

- Open water with areas of 1-3 tenths ice in Pelly Bay.

- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

Outlook for August...

August 1-15

- 4-6 tenths ice in the northern section.

- Open water in Pelly Bay.

- Elsewhere, 8-9+ tenths ice.

August 16-31

- Bergy water with areas of 1-3 tenths ice in the northern section.

- Open water in Pelly Bay.

- Elsewhere, 4-6 tenths ice with patches of 8-9+ tenths ice.

Outlook for September...

September 1-10

- Ice melting completely to bergy water in the northern section.

- 1-3 tenths ice with areas of 4-6 tenths ice in the southern section.

## **Wellington Channel.**

Current conditions...

Consolidated first-year ice. Consolidated first-year ice including 1 tenth old ice along the northeastern coast of Cornwallis Island.

Outlook for July...

July 12-18

- Consolidated ice fracturing.

After July 20

- 7-8 tenths ice with areas of 9-9+ tenths ice.

Outlook for August...

August 1-11

- 1-3 tenths ice except 4-6 tenths ice in the northwestern section.

August 12-18

- 1-3 tenths ice.

After August 20

- Ice melting completely to bergy water.

Outlook for September...

After September 24

- Bergy water with the risk of areas of 1-3 tenths old ice in the northwestern section.

## **McDougall Sound.**

Current conditions...

8-9+ tenths old and first-year ice in the northern section. Consolidated old and first-year ice in the southern section.

Outlook for June...

8-9+ tenths ice in the northern section. Consolidated ice in the southern section.

Outlook for July...

July 22-28

- 7-8 tenth ice in the northern section.

- Consolidated ice fracturing.

Outlook for August...

August 1-7

- 4-6 tenths ice with areas of 7-8 tenths ice.

After August 15

- Open water with areas of 4-6 tenths ice.

Outlook for September...

September 1-20

- Open water with areas of 7-8 tenths old ice in the extreme northern section.

After September 20

- 7-8 tenths new ice with areas of 9-9+ tenths old ice in the northern section.

## **Jones Sound.**

Current conditions...

Consolidated first-year ice including up to 2 tenths old ice in the western section. Open water with areas of 9-9+ tenths first-year ice including up to 3 tenths old ice in the extreme eastern section. Consolidated first-year and old ice along the coasts in the eastern section.

Outlook for July...

July 4-11

- Consolidated ice fracturing in the eastern and western sections.
- 7-8 tenths ice with areas of 9-9+ tenths ice in the extreme western section.
- Bergy water with areas of 7-8 tenths ice in the extreme eastern section.

July 12-19

- Consolidated ice in the central section beginning to fracture.
- 7-8 tenths ice with areas of 9-9+ tenths ice in the western section.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

After July 27

- 4-6 tenths ice including areas of 7-8+ tenths ice in the western section.
- Elsewhere, 1-3 tenths ice with areas of 7-8 tenths.

Outlook for August...

August 1-7

- Bergy water with areas of 1-3 tenths ice in the eastern section.
- 1-3 tenths ice with areas of 4-6 tenths ice in the western section.

August 10-16

- Bergy water with areas of 1-3 tenths ice in the western section.
- Elsewhere, bergy water.

Outlook for September...

- Bergy water except occasional areas of 1-3 tenths ice in the western section.

## **Norwegian Bay.**

Current conditions...

Consolidated old and first-year ice.

Outlook for July...

After July 28

- Consolidated ice beginning to fracture.

Outlook for August...

August 1-5

- Consolidated ice continuing to fracture.
- 7-9+ tenths ice in the southern section.

August 6-13

- 7-9+ tenths ice.

After August 24

- 4-6 tenths ice with areas of 9-9+ tenths ice.

Outlook for September...

September 1-20

- 7-8 tenths ice in the southwestern section.
- Elsewhere, 1-3 tenths ice.

After September 20

- New ice formation increasing concentrations to 7-9+ tenths ice.

## **Eureka Sound.**

Current conditions...

Consolidated first-year ice including a trace of old ice.

Outlook for July...

July 7-13

- Consolidated ice beginning to fracture in some sections.

After July 24

- Remaining consolidated ice fracturing.

Outlook for August...

August 4-10

- 1-3 tenths ice with areas of 7-8 tenths ice.

August 17-23

- 1-3 tenths ice.

After August 25

- Bergy water with areas of 1-3 tenths ice in the northern section.

Outlook for September...

After September 20

- New ice formation increasing concentrations to 9-9+ tenths ice.

## **Western Kane Basin.**

Current conditions...

4-6 tenths grey-white, first-year and old ice in the extreme southern section south of the consolidated ice edge.

Elsewhere, consolidated first-year and old ice.

Outlook for June...

- 7-8 tenths ice in the extreme southern section.

- Elsewhere, 9-9+ tenths ice.

- Consolidated ice along the coasts.

Outlook for July...

July 1-7

- 7-8 tenths ice.

- Consolidated ice along the coasts beginning to fracture.

July 8-24

- 4-6 tenths ice with areas of 7-8 tenths ice.

- Consolidated ice along the coasts continuing to fracture.

July 25-31

- 1-3 tenths ice with areas of 7-8 tenths ice.

Outlook for August...

- 1-3 tenths ice with areas of 9-9+ tenths ice.

Outlook for September...

September 1-20

- 4-6 tenths old ice with areas of 9-9+ tenths old ice.

September 21-30

- 9-9+ tenths new and old ice.

## **Western and Central Arctic**

### **Summer ice outlook.**

Forecast ice events are expected to be near normal over western locations and earlier than normal over eastern locations this summer.

See [http://weather.gc.ca/saisons/prob\\_e.html](http://weather.gc.ca/saisons/prob_e.html) for temperature trends.

### **Southeastern Beaufort Sea.**

Current conditions...

4-6 tenths first-year ice in the eastern section, south of Banks Island. 7-8 tenths first-year ice along the coast outside the consolidated ice edge. 9-9+ tenths first-year ice including a trace of old ice in the northwestern section. Consolidated first-year ice along the southern coast and along the western coast of Banks Island.

Outlook for June...

June 1-15

- 1-3 tenths ice with areas of 4-6 tenths ice in the eastern section.
- 7-8 tenths ice along the coast.
- Elsewhere, 9-9+ tenths ice.
- Consolidated ice along the coast beginning to fracture.

June 16-30

- 1-3 tenths ice along the coast and in the eastern section.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice in the Mackenzie Delta melting to open water conditions.
- Consolidated ice along the Tuktoyaktuk coast beginning to fracture.

Outlook for July...

July 1-7

- 1-3 tenths ice along the coast and in the eastern section.
- Elsewhere, 4-6 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice along the Tuktoyaktuk coast fracturing completely.
- Open water area in Mackenzie Bay.

July 15-31

- 4-6 tenths ice with areas of 7-8 tenths ice in the northern section.
- Elsewhere, open water with areas of 1-3 tenths ice
- Open water in Mackenzie Bay.

Outlook for August...

- 4-6 tenths ice with areas of 7-8 tenths ice in the northern section.
- Elsewhere, ice free except areas of 1-3 tenths ice.

Outlook for September...

- 1-3 tenths ice with areas of 7-8 tenths ice in the northern section.
- Elsewhere, ice free except risk of areas of 1-3 tenths ice in the northeastern section.

## **Amundsen Gulf.**

Current conditions...

Consolidated first-year ice in the central and eastern sections. 7-8 tenths first-year ice in the western section.

Outlook for June...

June 1-13

- 4-6 tenths ice with areas of 7-8 tenths ice in the western section.
- Consolidated ice in the central section fracturing.
- Consolidated ice in the eastern section.

June 14-26

- 1-3 tenths ice in the western section.
- Consolidated ice over the central section continuing to fracture.
- Consolidated ice in the eastern section and along the southern coast.

June 27-June 30

- 7-8 tenths ice with areas of 9-9+ tenths ice in the eastern section along the consolidated ice edge.
- Consolidated ice in the eastern and southern sections beginning to fracture.

Outlook for July...

July 8-15

- 4-6 tenths ice with areas of 7-8 tenths ice in the northern section and in Dolphin and Union Strait.
- Consolidated ice in Prince Albert Sound and Minto Inlet beginning to fracture.

July 17-31

- 1-3 tenths ice.

Outlook for August...

August 15-25

- Open water with areas of 1-3 tenths ice in the extreme northern and western sections.

After August 25

- Open water with risk of areas of 1-3 tenths ice in the extreme northern and western sections.

Outlook for September...

- Ice free.



## **Prince of Wales Strait.**

Current conditions...

Consolidated first-year ice in the southern section. Consolidated first-year and old ice in the northern section.

Outlook for July...

July 15-22

- Consolidated ice fracturing.

July 23-31

- 1-3 tenths ice except 7-8 tenths ice in the northern section.

Outlook for August...

August 1-8

- 1-3 tenths ice except 4-6 tenths ice in the extreme northern section.

After August 15

- 1-3 tenths ice in the northern section.

- Elsewhere, open water except a few patches of 1-3 tenths ice.

Outlook for September...

- Open water with a few patches of 1-3 tenths ice in the northern section.

## **Northern Alaskan Coast.**

Current conditions...

9-9+ tenths first-year ice including a trace of old ice in the northwestern section.

Consolidated first-year ice along the coast.

Outlook for June...

June 8-15

- 7-9 tenths ice west of Point Barrow along the consolidated ice edge.

- Elsewhere, 9-9+ tenths ice.

- Consolidated ice along the coast.

After June 24

- 4-6 tenths ice with areas of 9-9+ tenths ice west of Point Barrow along the consolidated ice edge.

- Elsewhere 9-9+ tenths ice.

- Consolidated ice along the coast beginning to fracture.

Outlook for July...

July 10-17

- Open water with areas of 7-8 tenths ice west and near Point Barrow.

- Elsewhere, 7-9 tenths ice.

- Consolidated ice along the coast beginning to fracture.

Outlook for July...

July 18-28

- Open water with areas of 4-6 tenths ice near and west of Point Barrow.

- Elsewhere, 7-9 tenths ice.

- Consolidated ice along the coast continuing to fracture.

After July 28

- Open water with areas of 1-3 tenths ice near and west of Point Barrow.

- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

Outlook for August...

August 5-12

- Open water with areas of 1-3 tenths ice.

After August 24

- Open water with patches of 1-3 tenths ice in the extreme northern section.

Outlook for September...

- Open water.

## **Western Alaskan Coast.**

Current conditions...

7-8 tenths first-year ice in the western section. Elsewhere, 9-9+ tenths first-year ice.

Consolidated first-year ice along the coast.

Outlook for June...

June 12-21

- 4-6 tenths ice with areas of 7-8 tenths ice in the western section.

- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

- Consolidated ice continuing to fracture along the coast.

June 22-30

- 1-3 tenths ice with areas of 4-6 tenths ice in the western section.

- Elsewhere, 7-8 tenths ice.

Outlook for July...

July 8-14

- 4-6 tenths ice in the extreme northern section and near Point Barrow.

- Elsewhere, open water with areas of 1-3 tenths ice.

After July 15

- Open water except 1-3 tenths ice in the extreme northern section and near Point Barrow.

Outlook for August...

- August 1-7

- Open water with risk of areas of 1-3 tenths ice near Point Barrow.

After August 8

- Open water.

Outlook for September...

- Ice free.

## **Northern Beaufort Sea south of 75°N.**

Current conditions...

9-9+ tenths old and first-year ice in the northern section. 9-9+ tenths first-year ice including a trace of old ice in the southern and eastern sections. Consolidated first-year ice along the coast of Banks Island.

Outlook for June...

June 5-15

- 9-9+ tenths ice except 7-8 tenths ice within 40 nautical miles of Banks Island.

June 16-23

- 4-6 tenths ice with areas of 7-8 tenths ice within 40 nautical miles of Banks Island.

- Elsewhere, 9-9+ tenths ice.

June 24-30

- 4-6 tenths ice with areas of 7-8 tenths ice within 40-60 nautical miles of Banks Island.

- Elsewhere, 9-9+ tenths ice.

- Consolidated ice along the coast of Banks Island fracturing.

Outlook for July...

After July 15

- 1-3 tenths ice with areas of 4-6 tenths ice within 40-60 nautical miles of Banks Island.
- 7-8 tenths ice in the extreme southern section.
- Elsewhere, 9-9+ tenths ice.

Outlook for August...

After August 20

- 4-6 tenths ice with areas of 7-8 tenths ice the southeastern section.
- 1-3 tenths ice with areas of 4-6 tenths ice in the southwestern section and within 40 nautical miles of Banks Island.
- Elsewhere, 9-9+ tenths ice.

Outlook for September...

- Open water with areas of 1-3 tenths ice within 40 nautical miles of Banks Island and in the extreme southwestern section.
- 7-8 tenths ice in the extreme southeastern section.
- Elsewhere, 9-9+ tenths ice.

### **Arctic Ocean north of 75°N.**

Current conditions...

9-9+ tenths old and first-year ice.

Outlook for July...

- 9-9+ tenths ice.

Outlook for August...

- 9-9+ tenths ice with areas of 7-8 tenths ice in the southwestern section.

Outlook for September...

September 1-7

- 7-9+ tenths ice.

After September 8

- 9-9+ tenths ice.

### **Coronation Gulf.**

Current conditions...

Consolidated first-year ice.

Outlook for July...

July 7-12

- Consolidated ice fracturing.

July 13-19

- 4-6 tenths ice.

After July 20

- Ice melting completely to open water.

Outlook for August...

- Open water.

Outlook for September...

- Ice free.

## **Queen Maud Gulf.**

Current conditions...

Consolidated first-year ice except consolidated first-year ice including a trace of old ice in the extreme northern section.

July 17-23

- Consolidated ice fracturing.

July 24-31

- 4-6 tenths ice.

Outlook for August...

August 1-7

- Open water except 4-6 tenths ice drifting into the northeastern section.

August 8-31

- Open water to ice free.

Outlook for September...

- Ice free.

## **Victoria Strait – Larsen Sound.**

Current conditions...

Consolidated first-year ice including a trace of old ice.

Outlook for July...

July 17-23

- Consolidated ice fracturing.

Outlook for August...

August 1-7

- 4-6 tenths ice with areas of 7-9 tenths ice.

August 21-27

- 1-3 tenths ice except 7-8 tenths ice in the northwestern section.

Outlook for September...

- Open water except 1-3 tenths ice in the northwestern section.

## **Peel Sound.**

Current conditions...

Consolidated first-year ice.

Outlook for July...

July 17-23

- Consolidated ice fracturing.

July 24-31

- 4-6 tenths ice with areas of 7-8 tenths ice.

Outlook for August...

August 1-7

- 1-3 tenths ice with areas of 4-6 tenths ice.

August 8-27

- 1-3 tenths ice.

After August 28

- Open water with patches of 1-3 tenths ice.

Outlook for September...

- Open water.

- Risk of areas of 4-6 tenths ice in the extreme northern section.

## **M'Clintock Channel.**

Current conditions...

Consolidated first-year ice with a trace of old ice. Consolidated first-year ice including 3 tenths old ice in the southwestern section.

Outlook for July...

After July 20

- Consolidated ice beginning to fracture.

Outlook for August...

August 10-16

- 7-8 tenths ice with areas of 9-9+ tenths ice.

After August 27

- 1-3 tenths ice with areas of 7-8 tenths ice.

Outlook for September...

- 1-3 tenths ice with areas of 4-6 tenths ice.

## **Viscount Melville Sound.**

Current conditions...

Consolidated first-year ice including a trace of old ice in the northern section. Consolidated old and first-year ice in the southern section.

Outlook for July...

July 20-28

- Consolidated ice fracturing.

Outlook for August...

August 1-15

- 9-9+ tenths ice except 7-8 tenths ice in the northern section.

August 16-31

- 4-6 tenths ice with areas of 7-8 tenths ice in the southern section.

Outlook for September...

September 1-9

- 1-3 tenths ice.

September 10-20

- 1-3 tenths ice with areas of 4-6 tenths ice.

September 21-30

- 7-8 tenths ice with areas of 9-9+ tenths ice.

## **M'Clure Strait.**

Current conditions...

Consolidated first-year ice with a trace of old ice except 9-9+ tenths first-year and old ice in the extreme western section.

Outlook for June...

June 5-15

- Consolidated ice except 7-8 tenths ice in the extreme western section.

June 16-30

- Consolidated ice except 4-6 tenths ice with areas of 7-8 tenths ice in the extreme western section.

Outlook for July...

July 9-15

- 4-6 tenths ice in the extreme western section.

- Consolidated ice fracturing in the eastern section.

Outlook for August...

August 1-15

- 7-8 tenths ice including areas of 9-9+ tenths ice.

August 16-31

- 4-6 tenths ice including areas of 7-8 tenths ice.

Outlook for September...

September 1-18

- Open water with areas of 4-6 tenths ice.

September 19-30

- 7-8 tenths ice.