

# Seasonal Outlook

North American Arctic Waters  
Summer 2019



By the North American Ice Service

## **Seasonal outlook for North American Arctic Waters issued by the North American Ice Service on 31 May 2019.**

**The first set of 30 day ice outlook bulletins will be issued on June 14<sup>th</sup>, 2019.**

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

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

Forecast ice breakup events are expected to be earlier than normal for most locations this summer except near to later than normal over eastern and southern Hudson Bay area. 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...

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 along the coast.

Elsewhere, bergy water.

Outlook for June...

June 1-7

- 1-3 tenths ice along the coast near Mary's Harbour.
- 7-8 tenths ice from Groswater Bay to Mary's Harbour.
- Elsewhere, bergy water.

June 8-15

- 1-3 tenths ice along the coast.
- Elsewhere, bergy water.

June 16-24

- 1-3 tenths ice from Mary's harbour to Groswater Bay.
- Elsewhere, bergy water.

After June 24

- Ice melting completely to bergy water.

Outlook for July...

- Bergy water.

## **Northern Labrador Coast.**

Current conditions...

4-6 tenths first-year ice including a trace of old ice with patches of 9-9+ tenths first-year ice including a trace of old ice in the northwestern section.

Elsewhere along the coast, 8-9+ tenths first-year ice including a trace of old ice.

Bergy water offshore.

Outlook for June...

After June 8

- 7-8 tenths ice in the northwestern section and along parts of the coast in the central and southern sections.

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

- Bergy water offshore.

After June 15

- 7-8 tenths ice in the northwestern section.

- 1-3 tenths ice with patches of 7-8 tenths ice along the coast.

- Bergy water offshore.

After June 24

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

- Bergy water with areas 1-3 tenths ice along the coast in the central and southern sections.

- Bergy water offshore.

Outlook for July...

July 3-9

- 4-6 tenths ice in the northwestern section.

- Elsewhere, bergy water.

July 8-14

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

- Elsewhere, bergy water.

July 17-23

- Ice melting completely to bergy water.

Outlook for August...

Bergy water.

## **Lake Melville.**

Current conditions...

7-8 tenths first-year ice.

Outlook for June...

June 5-8

- 1-3 tenths ice.

After June 8

- Ice melting completely to open water.

Outlook for July...

- Ice free.

## **Southern Davis Strait.**

Current conditions...

9-9+ tenths first-year ice including up to 1 tenth old ice in the western and central sections.

Elsewhere, bergy water.

Outlook for June...

- 8-9+ tenths ice in the western and central sections.
- Elsewhere, bergy water.

After June 15

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

Outlook for July...

- 4-6 tenths ice with areas of 8-9+ tenths ice mostly in the western section.
- Elsewhere, bergy water.

After July 15

- 4-6 tenths ice with areas of 7-8 tenths ice mostly in the western section.
- Elsewhere, bergy water.

Outlook for August...

August 5-11

- 4-6 tenths ice in the northwestern section.
- Elsewhere, bergy water.

August 8-14

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

After August 17

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Northern Davis Strait.**

Current conditions...

9-9+ tenths first-year ice including up to 2 tenths old ice mostly in western section.

Bergy water in the extreme southeastern section.

Outlook for June...

- 8-9+ tenths ice.
- Bergy water in the extreme southeastern section.

After June 15

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

Outlook for July...

After July 15

- 4-6 tenths ice with areas of 9-9+ tenths ice in the western half.
- Elsewhere, bergy water.

After July 28

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

Outlook for August...

August 1-7

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

August 5-11

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

August 16-22

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Frobisher Bay.**

Current conditions...

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

Consolidated first-year ice in the western section and in shallow bays.

Outlook for June...

June 1-13

- 8-9+ tenths ice.
- Consolidated ice in western section and in shallow bays.

June 14-23

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

June 24-30

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

Outlook for July...

July 1-7

- Consolidated ice continuing to fracture.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

July 12-18

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

July 25-31

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

## **Cumberland Sound.**

Current conditions...

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

Consolidated first-year ice along the coast.

Outlook for June...

June 15-27

- 4-6 tenths ice.
- Consolidated ice along the coast.

After June 27

- Bergy water with areas of 1-3 tenths ice.
- Consolidated ice beginning to fracture.

Outlook for July...

July 4-10

- 4-6 tenths ice with areas of 7-8 tenths ice along the coast and southeastern section
- Elsewhere, bergy water with patches of 1-3 tenths ice.
- Consolidated ice continuing to fracture.

July 20-26

- 4-6 tenths ice in the southeastern section.
- Elsewhere, bergy water.

Outlook for August...

August 7-13

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Hudson Strait.**

Current conditions...

4-6 tenths first-year ice in the southeastern and southwestern sections.

8-9+ tenths first-year ice including a trace of old ice in the northeastern.

8-9+ tenths first-year ice in the northwestern section and along the southern coast of Baffin Island.

Consolidated first-year ice along the coast.

Outlook for June...

June 1-10

- 7-9+ tenths ice in the western section, in the northern section near the Baffin Island coast as well as in the extreme northeastern section.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths.
- Consolidated ice beginning to fracture.

June 11-21

- 7-8 tenths ice with patches of 9-9+ tenths ice in the extreme western and extreme northeastern sections.
- Areas of 7-8 tenths ice along the Quebec and the Baffin Island coasts.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.
- Consolidated ice continuing to fracture.

June 22-30

- Mainly bergy water with areas of 1-3 tenths ice.
- 4-6 tenths ice with patches of 7-8 tenths ice in the extreme northwestern and extreme eastern sections.
- Patches of 4-6 tenths ice along the Quebec coast.
- Consolidated ice continuing to fracture.

Outlook for July...

July 1-7

- Mainly bergy water.
- 4-6 tenths ice with patches of 7-8 tenths ice in the extreme northwestern and extreme eastern sections.
- Patches of 1-3 tenths of ice along the Quebec coast.
- Consolidated ice continuing to fracture.

July 10-16

- 1-3 tenths ice with patches of 4-6 tenths ice in the extreme northwestern and extreme eastern sections.
- Elsewhere, bergy water.

July 20-26

- 1-3 tenths ice in the extreme northeastern and northwestern sections.
- Elsewhere, bergy water.

Outlook for August...

August 1-7

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Ungava Bay.**

Current conditions...

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

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

Outlook for June...

June 1-7

- 9-9+ tenths in the extreme western section.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

June 8-14

- 7-8 tenths ice with areas of 9-9+ tenths along the western coast.
- Elsewhere, bergy water with areas of 1-3 tenths ice.

After June 15

- Generally, bergy water with areas of 1-3 tenths ice.
- Areas of 7-8 tenths in the western section.

Outlook for July...

July 1-10

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

After July 10

- Ice melting completely to bergy water.

Outlook for August...

- Bergy water.

Outlook for September...

- Bergy water.

## **Foxe Basin.**

Current conditions...

1-3 tenths first-year ice in the extreme northwestern and southeastern.

Consolidated first-year ice along the coast.

Elsewhere, 8-9+ tenths first-year ice.

Outlook for June...

- 1-3 tenths ice in extreme northwestern and southeastern sections.
- Consolidated ice along the coast.
- Elsewhere, 8-9+ tenths ice.

After June 15

- Open water in extreme northwestern section.
- 1-3 tenths ice in the southeastern section.
- Consolidated ice beginning to fracture.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

Outlook for July...

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

Outlook for August...

August 14-20

- 2-6 tenths ice the southwestern and northeastern sections.

Outlook for September...

September 1-7

- 1-3 tenths ice in southwestern section near Southampton Island and in Fury and Hecla Strait.
- Elsewhere, open water.

September 7-13

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

## **Northwestern Hudson Bay.**

Current conditions...

Open water with areas of 4-6 tenths first-year ice along the northwestern coast.

Elsewhere, 8-9+ first-year ice.

Consolidated first-year ice along the coast.

Outlook for June...

After June 15

- Open water with areas of 4-6 tenths in the northwestern section and along the southern coast of Southampton Island.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

After June 21

- Open water with areas of 4-6 tenths in the northwestern and northern sections.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.
- Consolidated ice beginning to fracture.

Outlook for July...

July 3-9

- Consolidated ice continuing to fracture.
- 4-6 tenths ice in extreme southwestern section.
- Elsewhere, open water.

After July 24

- Ice melting completely to open water.

Outlook for August...

- Open water.

Outlook for September...

- Ice free.

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

Current conditions...

8-9+ tenths first-year ice.

Outlook for June...

June 1-17

- Areas of 4-6 tenths ice with patches of 7-8 tenths ice in the eastern section.
- Elsewhere, 9-9+ tenths ice.

June 18-24

- 7-8 tenths ice in the extreme western section.
- Open water in southern James Bay.
- Elsewhere, 4-6 tenths ice.

Outlook for July...

July 1-7

- 5-8 tenths ice in the extreme southwestern section, in northwestern James Bay and in the northern section.
- Open water in the rest of James Bay.
- Elsewhere, 1-3 tenths ice.

July 12-18

- 4-6 tenths ice in the extreme southwestern section, in northwestern James Bay and in the northern section.
- Open water in the rest of James Bay.
- Elsewhere, open water with patches of 1-3 tenths ice.

After July 28

- Ice melting completely to open water

Outlook for August...

August 6-12

- Ice free.

Outlook for September...

- Ice free.

## **Southwestern Hudson Bay.**

Current conditions...

9-9+ tenths first-year ice.

Outlook for June...

- 9-9+ tenths ice.

Outlook for July...

July 3-8

- 9-9+ tenths ice.
- 7-8 tenths ice along the coast and in the northern section.

July 15-21

- 7-8 tenths ice in the southern and northeastern sections.
- 1-3 tenths ice along the coast and the central section.
- Elsewhere, open water.

Outlook for August...

August 1-7

- Areas of 4-6 tenths ice.
- Elsewhere, open water.

August 9-15

- Ice melting completely to open water.

Outlook for September...

- Ice free.

## **Eastern and Northern Arctic**

### **Summer ice outlook.**

In general, forecast ice breakup events are expected to be earlier than normal over most locations this summer except near to later than normal in the southern part of 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...

7-8 tenths old ice with areas of 9-9+ tenths old ice in the extreme northwestern section along the Ellesmere and Devon Island coasts and east of Lancaster Sound.

Bergy water with areas of 1-3 tenths first-year including a trace of old ice in the extreme northern section.

Elsewhere, 9-9+ tenths first-year ice including up to 2 tenths old ice.

Outlook for June...

June 1-15

- Bergy water with areas of 1-3 tenths ice in the northwestern section.
- A band of 7-9+ tenths old ice along the Ellesmere and Devon Island coast as well as east of Lancaster Sound.
- Elsewhere, 7-9+ tenths ice.

June 16-27

- Bergy water with areas of 4-6 tenths ice in the northwestern section.
- 7-8 tenths ice in the southwestern section.
- Areas of 7-8 tenth old ice along the Ellesmere, Devon and Bylot Islands coast.
- Elsewhere, 7-9 tenths ice.

Outlook for July...

July 3-9

- Bergy water in the western section.
- 4-6 tenths ice with areas of 7-8 tenths ice in the southwestern section.
- 7-8 tenths ice in the southeastern section.
- Patches of 7-8 tenth old ice along the Ellesmere, Devon and Bylot Islands coast.

July 18-24

- Bergy water in the northern section.
- 4-6 tenths ice with areas of 7-8 tenths ice in the southwestern section.
- Areas of 4-6 tenths old ice in the extreme northwestern section.

Outlook for August...

August 3-9

- Areas of 1-3 tenths ice in the extreme northwestern and southeastern sections.
- Elsewhere, mainly bergy water.

After August 15

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

## **Southwestern Baffin Bay.**

Current conditions...

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

Up to 2 tenths of old ice in the western section.

Consolidated ice along the Baffin Island coast.

Outlook for June...

- 9-9+ tenths ice.

Outlook for July...

July 13-18

- 7-8 tenths ice.

July 23-29

- Consolidated ice fracturing along the coast.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

Outlook for August ...

August 15-21

- Areas of 1-3 tenths ice along the coast in the southwestern section.
- Elsewhere, bergy water.

Outlook for September...

September 1-7

- Ice melting completely to bergy water.

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

Current conditions...

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

Outlook for July...

July 14-20

- Consolidated ice fracturing.

After July 28

- 4-6 tenths ice.

Outlook for August...

August 9-15

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Admiralty Inlet.**

Current conditions...

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

Outlook for July...

July 15-21

- Consolidated ice fracturing.

After July 27

- 4-6 tenths ice in southern section.
- Elsewhere, 1-3 tenths ice.

Outlook for August...

August 5-11

- Ice melting completely to bergy water.

Outlook for September...

- Bergy water.

## **Lancaster Sound.**

Current conditions...

9-9+ tenths first-year ice including up to 2 tenths of old ice in the eastern section.

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

Outlook for June...

June 11-18

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

After June 25

- Consolidated ice in the western section fracturing.
- 1-3 tenths ice in the eastern section.

Outlook for July...

July 7-13

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

Outlook for August...

- Bergy water except 1-3 tenths ice in the extreme southwestern section.
- Risk of areas of 7-8 tenths ice mostly in the western section.

Outlook for September...

- Bergy water.

## **Barrow Strait.**

Current conditions...

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

Consolidated first-year ice including up to 7 tenths old ice in southwestern section.

Outlook for June...

Consolidated ice.

Outlook for July...

July 3-9

- Consolidated ice fracturing in eastern section.

July 12-18

- 7-9 tenths ice in eastern section.

- Consolidated ice fracturing in the western section.

Outlook for August...

August 13-18

- 1-3 tenths ice in the eastern section.

- 7-8 tenths ice in the western section.

After August 26

- 1-3 tenths ice in the eastern section.

- 7-8 tenths ice in the western section.

Outlook for September...

First half of September

- Generally, 2-5 tenths ice with areas of 7-8 tenths ice in the southwestern section.

Second half of September

- New and grey ice forming increasing concentration to 8-9+ 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...

Consolidated first-year ice including up to 1 tenth old ice in the northern section.

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

Outlook for June...

After June 15

- Consolidated ice fracturing in northern section.
- Elsewhere, 9-9+ tenths ice.

Outlook for July...

July 13-18

- 7-8 tenths ice in northern section.
- Elsewhere, 9-9+ tenths ice.

Outlook for August...

August 3-9

- 9-9+ tenths ice in the extreme southern section.
- 4-6 tenths ice in the northern and central sections.

August 18-24

- 4-6 tenths ice in the southern section.
- Bergy water to 1-3 tenths ice in the central and northern sections.

After August 26

- Bergy water.
- 1-3 tenths ice in the extreme northern and southern sections.

Outlook for September...

- Bergy water.

## **Gulf of Boothia.**

Current conditions...

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

Consolidated old ice along parts of the coast.

Outlook for July...

- 9-9+ tenths ice.

July 18-24

- Consolidated ice fracturing.

After July 26

- 1-3 tenths ice in Pelly Bay area.

Outlook for August...

August 5-10

- 7-8 tenths ice in the northern section.
- Elsewhere, 9-9+ tenths ice.
- Open water in Pelly Bay.

August 24-29

- Bergy water in the northern section.
- Elsewhere, 7-8 tenths ice.
- Open water in Pelly Bay.

Outlook for September...

September 1-7

- Ice melting completely to bergy water in the central section.
- 4-6 tenths ice in the southeastern section.

## **Wellington Channel.**

Current conditions...

Consolidated first-year ice including up to 7 tenths old ice.

Outlook for July...

July 17-23

- Consolidated ice fracturing.

Outlook for August...

August 1-7

- 7-8 tenths ice.

August 12-18

- 1-3 tenths ice.

After August 26

- Ice melting completely to bergy water.

Outlook for September...

After September 21

- Some new ice forming.

## **McDougall Sound.**

Current conditions...

Consolidated first-year ice with a trace of old ice in the southern section.

Consolidated old ice north of Little Cornwallis Island.

Outlook for July...

- Consolidated ice.

Outlook for August...

August 1-7

- Consolidated ice fracturing.

August 15-21

- 1-3 tenths ice.

Outlook for September...

After September 21

- New ice forming.

## **Jones Sound.**

Current conditions...

Consolidated first-year ice including up to 3 tenths old ice.

Outlook for July...

July 21-27

- Consolidated ice fracturing.
- 1-3 tenths ice in the extreme eastern section.

After July 25

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

Outlook for August...

August 13-18

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

Outlook for September...

- 1-3 tenths ice.

## **Norwegian Bay.**

Current conditions...

Consolidated old and first-year ice.

Outlook for July...

July 24-30

- Consolidated ice fracturing in southern section.

Outlook for August...

August 1-7

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

August 12-18

- 7-8 tenths ice.

After August 26

- 1-3 tenths ice in eastern section.
- 7-8 tenths ice in the western section.

Outlook for September...

September 3-9

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

After September 15

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

## **Eureka Sound.**

Current conditions...

Consolidated old ice.

Outlook for July...

July 12-18

- Consolidated ice beginning to fracture in some sections.

After July 26

- Remaining consolidated ice fracturing.

Outlook for August...

August 4-10

- 1-3 tenths ice in central and southern sections.
- 7-8 tenths ice in the extreme northern section.

August 17-23

- 1-3 tenths ice.

Outlook for September...

After September 15

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

## **Western Kane Basin.**

Current conditions...

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

Consolidated first-year and old ice along the coast.

Outlook for June...

- 4-6 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice along the coast beginning to fracture.

Outlook for July...

July 1-7

- 4-6 tenths ice with areas of 9-9+ tenths ice.
- Consolidated ice along the coast continuing to fracture.

July 25-31

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

Outlook for August...

August 12-18

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

Outlook for September...

First half of September

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

Second half of September

- 9-9+ tenths new and old ice.

## **Western and Central Arctic**

### **Summer ice outlook.**

In general, forecast ice breakup events are expected to be earlier than normal over most locations except near to later than normal along the Alaskan coast 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...

8-9+ tenths first-year ice including up to 3 tenths old ice in the northeastern section.

Elsewhere, open water except some areas of 1-3 tenth first-year ice including a trace of old ice.

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

Outlook for June...

June 1-7

- 7-9 tenths ice in the northeastern section.
- 4-6 tenths ice with patches of 7-8 tenths in the southeastern section.
- Elsewhere, open water with areas of 1-3 tenths ice
- Consolidated ice along the coast beginning to fracture.

After June 15

- Open water except a few areas of 4-6 tenths ice mostly in the eastern section.
- Open water in the Mackenzie Bay area.
- Consolidated ice along the coast continuing to fracture.

Outlook for July...

July 1-7

- Elsewhere, open water with areas of 1-3 tenths ice except 4-6 tenths ice in the northeastern section.
- Open water in Mackenzie Bay.
- Remaining consolidated ice along the coast continuing to fracture.

July 12-18

- Open water except 4-6 tenths ice in the northeastern section

Outlook for August...

- Ice free except 4-6 tenths ice in the northeastern section

Outlook for September...

- Ice free.
- Risk of areas of 4-6 tenths ice in the eastern section

## **Amundsen Gulf.**

Current conditions...

Consolidated first-year ice along the coast in the eastern and northeastern sections as well as along the southern coast.

8-9+ tenths first-year ice including a trace of old ice in the northwestern section.

Elsewhere, open water with a few areas of 4-6 tenths first-year ice.

Outlook for June...

- Consolidated ice along the southern coast and in western Dolphin and Union Strait beginning to fracture.
- Consolidated ice in the northeastern sections beginning to fracture.
- 1-3 tenths ice with areas of 7-8 tenths ice in the northern section.
- Elsewhere, open water with areas of 1-3 tenths ice.

After June 27

- Consolidated ice in the eastern and northern section continuing to fracture.
- Elsewhere, 1-3 tenths ice with areas of 7-8 tenths ice.

Outlook for July...

July 6-12

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

July 17-23

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

Outlook for August...

August 18-24

- Mainly open water.

Outlook for September...

- Ice free.

## **Prince of Wales Strait.**

Current conditions...

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

Outlook for July...

July 12-18

- Consolidated ice fracturing.

July 24-30

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

Outlook for August...

- 4-6 tenths ice in northern section.
- Elsewhere, open water except a few patches of 1-3 tenths ice.

Outlook for September...

- 4-6 tenths ice in northern section.
- Elsewhere, open water.

## **Northern Alaskan Coast.**

Current conditions...

Open water with areas of 1-3 tenths first-year and old ice west of Point Barrow and in the eastern half.

Elsewhere, mostly 9-9+ tenths first-year ice with a trace of old ice.

Consolidated first-year ice with areas of up to 3 tenths old ice along the coast.

Outlook for June...

After June 7

- Open water with areas of 1-3 tenths ice west and near Point Barrow as well as in the eastern half.
- Elsewhere, 7-8 tenths ice.
- Consolidated ice along the coast beginning to fracture.

After June 15

- Open water with areas of 1-3 tenths ice west and near Point Barrow as well as the eastern half.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.
- Consolidated ice along the coast continuing to fracture.

After June 24

- Open water with areas of 1-3 tenths ice west and near Point Barrow as well as the eastern half.
- 4-6 tenths ice with areas of 7-8 tenths ice in the extreme northern section.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.
- Consolidated ice along the coast continuing to fracture.

Outlook for July...

July 1-7

- Consolidated ice along the coast continuing to fracture.
- Open water near and west of Point Barrow.
- Open water with areas of 1-3 tenths ice in the eastern half.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

After July 28

- Open water near and west of Point Barrow.
- Open water with areas of 1-3 tenths ice east of Point Barrow.
- 4-6 tenths ice with areas of 7-8 tenths ice in the extreme northern section and along the coast.

Outlook for August...

August 8-14

- Areas of 4-6 tenths along the coast.
- Elsewhere, open water.

Outlook for September...

September 7-13

- Open water.

## **Western Alaskan Coast.**

Current conditions...

Consolidated first-year ice along parts of the coast.

Open water with areas of 1-3 tenths first-year ice in the extreme northeastern section.

Elsewhere, open water.

Outlook for June...

- Consolidated ice continuing to fracture along the coast.
- Elsewhere, open water.

Outlook for July...

- Areas of 4-6 tenths ice along parts of the coast.
- Elsewhere, open water.

After July 27

- Ice melting completely to open water.

Outlook for August...

- Open water.

Outlook for September...

- Ice free.

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

Current conditions...

Along Banks Island Coast... Consolidated first-year ice including trace of old ice.

Beyond the consolidated ice along Banks Island, open water with areas of 1-3 tenths first-year and old ice extending westwards about 50 nautical miles.

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

Outlook for June...

- Open water with areas of 4-6 tenths ice within 50 nautical miles of Banks Island.
- Elsewhere, 7-9+ tenths ice.
- Consolidated ice along the Banks Island coast.

After June 15

- Open water with areas of 4-6 tenths ice within 50 nautical miles of Banks Island.
- 7-8 tenths ice in the southern section.
- Elsewhere, 9-9+ tenths ice.
- Consolidated ice along the Banks Island coast beginning to fracture.

Outlook for July...

After July 15

- Open water with areas of 1-3 tenths ice within 30 nautical miles of Banks Island.
- 7-8 tenths ice in the western and southern sections.
- Elsewhere, 9-9+ tenths ice.
- Consolidated ice along the Banks Island coast continuing to fracture.

Outlook for August...

After August 15

- 7-8 tenths ice in the eastern section.
- 4-6 tenths ice in the western section and within 30 nautical miles of Banks Island.

Outlook for September...

- Open water.
- 4-6 tenths ice in northern section.

- Risk of areas of 9-9+ tenths ice in the eastern section.

### **Arctic Ocean north of 75°N.**

Current conditions...

9-9+ tenths old ice.

Outlook for July...

- 9-9+ tenths ice.

Outlook for August...

- 9-9+ tenths ice in the eastern sections.
- 4-6 tenths ice with areas of 7-8 tenths in the western section.

Outlook for September...

September 1-7

- 7-9 tenths ice.

### **Coronation Gulf.**

Current conditions...

Consolidated first-year ice.

Outlook for July...

July 10-16

- Consolidated ice fracturing.

July 19-25

- 4-6 tenths ice.

July 24-30

- 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 including a trace of old ice mostly in the eastern section.

Outlook for July...

July 14-20

- Consolidated ice fracturing.

After July 25

- 4-6 tenths ice.

Outlook for August...

August 1-5

- Open water.
- 1-3 tenths old ice drifting into the northeastern section.

Outlook for September...

- Ice free.

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

Current conditions...

Consolidated first-year and old ice.

Up to 9 tenths of old ice in the western section.

Outlook for July...

July 17-23

- Consolidated ice fracturing.

Outlook for August...

August 1-7

- 9-9+ tenths ice.

August 24-30

- 4-6 tenths ice in the northern and southern section.
- Elsewhere, 7-8 tenths ice.

After August 27

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

Outlook for September...

- Open water except 4-6 tenths ice in western section.

## **Peel Sound.**

Current conditions...

Consolidated first-year ice with up to 3 tenths old ice.

Outlook for July...

July 19-25

- Consolidated ice fracturing.

Outlook for August...

August 10-16

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

August 24-30

- Open water with patches of 1-3 tenths ice.
- Risk of areas of 7-8 tenths ice in the northern section.

Outlook for September...

- Open water.
- Risk of areas of 7-8 tenths ice in the northern section.

## **M'Clintock Channel.**

Current conditions...

Consolidated old ice.

Up to 9 tenths old ice.

Outlook for July...

After July 27

- Consolidated ice beginning to fracture.

Outlook for August...

August 1-7

- Consolidated ice continuing to fracture
- Elsewhere, 9-9+ tenths ice.

August 10-16

- 9-9+ tenths ice except 7-8 tenths ice along the southwestern coast of Prince of Wales Island.

After August 27

- 7-8 tenths ice with areas of 9-9+ tenths ice except 1-3 tenths ice along the southwestern coast of Prince of Wales Island.

Outlook for September...

- 7-8 tenths ice.

## **Viscount Melville Sound.**

Current conditions...

Consolidated old ice.

Outlook for July...

July 21-27

- Consolidated ice fracturing.

Outlook for August...

After August 21

- 9-9+ tenths ice except 4-6 in the northern section.

Outlook for September...

September 3-9

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

## **M'Clure Strait.**

Current conditions...

Consolidated old ice in the eastern section.

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

Outlook for July...

July 9-15

- Consolidated ice fracturing.

Outlook for August...

August 12-18

- 9-9+ tenths ice.

- 4-6 tenths ice in the northeastern section.

Outlook for September...

- 7-9 tenths ice.