

FECN14 CWIS 011800

THIRTY DAY ICE OUTLOOK FOR THE WESTERN AND CENTRAL ARCTIC FOR JULY
ISSUED BY ENVIRONMENT CANADA ON 1 JULY 2020.

THE NEXT 30 DAY OUTLOOK WILL BE ISSUED ON 15 JULY 2020.

Summary for June 15 to 28.

Average air temperatures were above normal over most of the region. The exception is along the coast from Amundsen Gulf to Point Barrow where temperatures were slightly below normal. Ice melt is about 1-2 weeks earlier than normal over the southeastern Beaufort Sea and Amundsen Gulf area.

Weather forecast for July 1 to 31.

Air temperatures are forecast to be below normal values over the Amundsen Gulf and southeast Beaufort Sea as well as the western part of the Queen Elizabeth Islands. Elsewhere, air temperatures are forecast to be near to above normal.

Southeastern Beaufort Sea.

July 1-10

- Remaining consolidated first-year ice along the Tuktoyaktuk Peninsula coast, Liverpool Bay and Franklin Bay fracturing completely.
- 7-8 tenths old ice with patches of 9-9+ tenths old ice in the extreme northwestern and extreme northeastern sections.
- Elsewhere, 1-3 tenths first-year ice including up to 1 tenth old ice with areas of 4-6 tenths first-year ice including up to 1 tenth old ice.

July 11-20

- 7-8 tenths ice with patches of 9-9+ tenths ice in the extreme northwestern and extreme northeastern sections.
- Elsewhere, open water with patches of 4-6 tenths ice.

July 21-31

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

Amundsen Gulf.

July 1-7

- Consolidated first-year ice along parts of the southern, eastern and northeastern coasts including Dolphin and Union Strait continuing to fracture.
- 4-6 tenths first-year ice with areas of 7-8 tenths first-year ice in the northwestern and eastern sections.
- Elsewhere, open water with patches of 1-3 tenths first-year ice.

July 8-15

- 4-6 tenths ice with areas of 7-8 tenths ice in Darnley Bay, Dolphin and Union Strait, Prince Albert Sound and Minto Inlet.
- Elsewhere, open water with areas of 1-3 tenths ice.

July 16-23

- Open water with patches of 4-6 tenths ice in Dolphin and Union Strait, Prince Albert Sound and Minto Inlet.
- Elsewhere, open water.

July 24-31

- Open water with patches of 1-3 tenths ice in the extreme northwestern section.
- Elsewhere, open water.

Prince of Wales Strait.

July 1-15

- Consolidated first-year and old ice beginning to fracture.

July 16-23

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

July 24-31

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

Northern Alaskan Coast.

July 1-10

- Consolidated first-year ice including a trace of old ice along the coast continuing to fracture.
- 4-6 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 west of Point Barrow.
- Open water with areas of 4-6 tenths first-year ice including a trace of old ice in the southeastern section.
- Elsewhere, 7-9+ tenths first-year ice including up to 2 tenths old ice.

July 11-20

- Open water with areas of 1-3 tenths ice west of Point Barrow, in the eastern section and along parts of the coast.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

July 21-31

- Open water with patches of 1-3 tenths ice along the coast.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice mainly in the northern section.

Western Alaskan Coast.

July 1-7

- 4-6 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.
- Open water with some patches of 1-3 tenths first-year ice along parts of the coast.
- Elsewhere, open water.

July 8-15

- 4-6 tenths ice with patches of 7-8 tenths ice in the extreme northern section.
- Elsewhere, ice melting completely to open water or ice free.

July 16-31

- Ice melting completely to open water or ice free.

Northern Beaufort Sea south of 75°N.

July 1-15

- Consolidated first-year and old ice along the western coast of Banks Island beginning to fracture.
- 1-3 tenths first-year ice including up to 2 tenths old ice with areas of 4-6 tenths first-year ice including up to 2 tenths old ice within 45-90 nautical miles of the consolidated ice edge west of Banks Island.
- Elsewhere, 9-9+ tenths old ice.

July 16-31

- Open water with areas of 4-6 tenths first-year ice including up to 2 tenths old ice within 45-90 nautical miles of the west of Banks Island coast.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

Arctic Ocean north of 75°N.

July 1-31

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

Coronation Gulf.

July 1-5

- Consolidated first-year ice beginning to fracture.

July 6-12

- 1-3 tenth ice with areas of 4-6 tenths ice in the northwestern section.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

July 13-18

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

July 19-31

- Ice melting completely to open water.

Queen Maud Gulf.

July 1-7

- Consolidated first-year ice.

July 8-15

- Consolidated ice fracturing.

July 16-23

- 4-6 tenths ice with areas of 9-9+ tenths ice, mostly along the southern section.

July 24-31

- 1-3 tenths ice with 4-6 tenths ice in the in the extreme northern section, south of Victoria Strait.
- Open water with patches of 1-3 tenths ice.

Victoria Strait – Larsen Sound.

July 1-10

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

July 11-17

- Consolidated ice fracturing in Victoria Strait.
- Elsewhere, consolidated ice.

July 18-31

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

Peel Sound.

July 1-17

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

July 18-31

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

M'Clintock Channel.

July 1-20

- Consolidated first-year and old ice.

July 21-31

- 9-9+ tenths ice.

Viscount Melville Sound.

July 1-20

- Consolidated first-year and old ice.

July 21-31

- 9-9+ tenths ice.

M'Clure Strait.

July 1-9

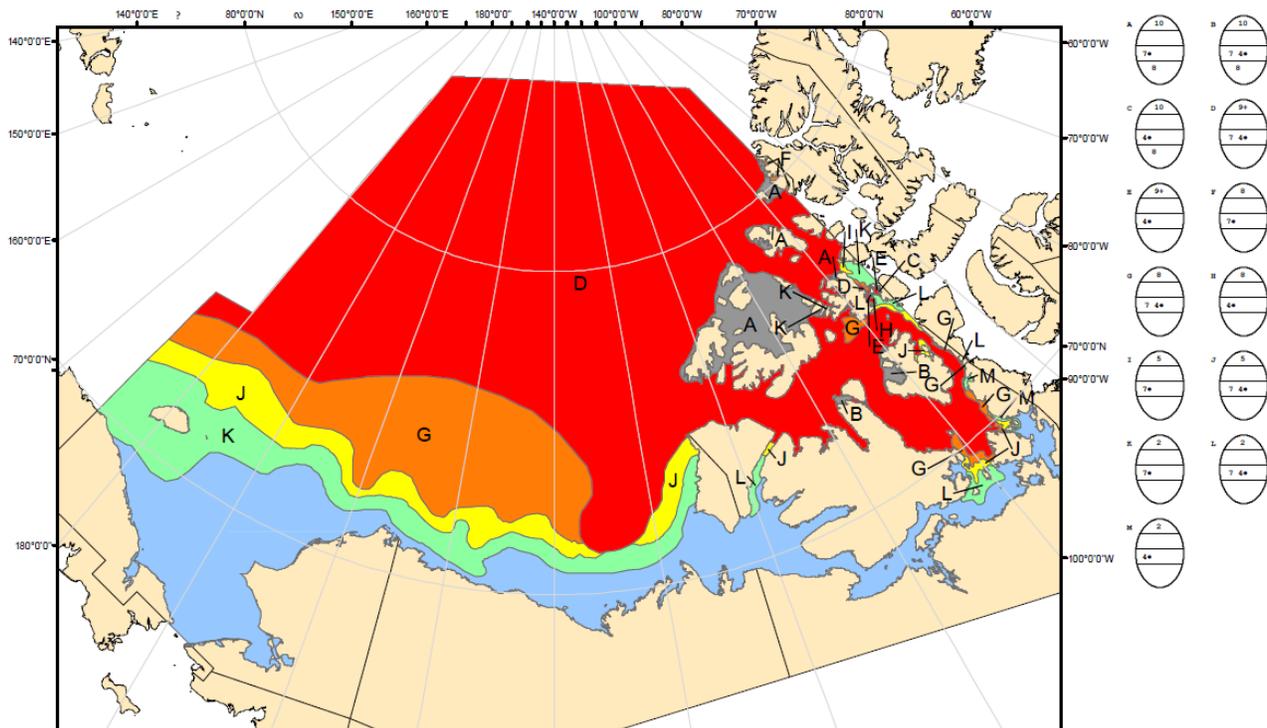
- 7-8 tenths old ice with areas of 9-9+ tenths old ice in the extreme western section.
- Elsewhere, consolidated old ice.

July 10-16

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

July 17-31

- 9-9+ tenths ice.



COLOR CODES BASED ON TOTAL CONCENTRATION			
	ICE FREE		FAST ICE (TEN TENTHS)
	LESS THEN 1 TENTH		ICE SHELF
	1-3 TENTHS		UNDEFINED ICE
	4-6 TENTHS		
	7-8 TENTHS		
	9-10 TENTHS		

North American Ice Service /
 Service des glaces de l'Amérique du Nord
 ICE FORECAST - 30 DAY
 PRÉVISIONS DES GLACES - 30 JOURS
 VALID/VALIDE: 01 AUG/AOUT 2020