

FECN19 CWIS 121800

THIRTY-DAY ICE OUTLOOK FOR THE GREAT LAKES ISSUED BY ENVIRONMENT CANADA ON 12 FEBRUARY 2021 FOR MID-FEBRUARY TO MID-MARCH. THE NEXT SCHEDULED BULLETIN WILL BE ISSUED ON 26 FEBRUARY 2021.

Lake Superior

Average air temperatures for mid-January to mid-February were above near normal for Lake Superior except for the northwestern section near Thunder Bay, Black Bay and Nipigon Bay where temperatures were above normal. Temperatures are expected to be near to below normal for mid-February to mid-March.

Thunder Bay.

February 12-14:

- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice along the shore

February 15-28:

- Consolidated medium and thick lake ice.

March 1-15:

- Consolidated thick lake ice.

Nipigon and Black Bays.

February 12-17:

- Consolidated medium and thick lake.

February 18-March 15:

- Consolidated thick lake ice.

From Grand Marais Minnesota to the entrance to Nipigon Bay.

February 12-22:

- Open water except 4-6 tenths new and thin lake ice along the shore and between Thunder Bay and Isle Royal.

February 23-March 10:

- Open water except occasional patches of 4-6 tenths new and thin lake ice between Thunder Bay and Isle Royal and to Nipigon Bay.

March 11-15:

- Open water except 1-3 tenths new and thin lake ice between Thunder Bay and Nipigon Bay.

From Grand Marais to Duluth.

February 12-22:

- 1-3 tenths new and thin lake ice along the shore except consolidated medium lake ice near Duluth.

February 23-March 15:

- Open water except 4-6 tenths new and thin lake ice in the western section. Consolidated medium lake ice near Duluth.

Southern Lake Superior west of Keweenaw Peninsula.

February 12-28

- 9-9+ tenths thin and medium lake ice along the shore except consolidated medium lake ice near the Apostle Islands. Consolidated thick lake ice in

Chequamegon Bay.

March 1-10:

- 9-9+ tenths thin and medium lake ice including a trace of thick lake ice along the shore except consolidated thick lake ice near the Apostle Islands and in Chequamegon Bay.

March 11-15:

7-8 tenths thin and medium lake ice including a trace of thick lake ice along the shore except consolidated thick lake ice near the Apostle Islands and in Chequamegon Bay.

Southern Lake Superior east of the Keweenaw Peninsula.

February 12-22:

- Open water except 4-6 tenths new and thin lake ice along the eastern shore of the Keweenaw Peninsula. 7-8 tenths thin and medium lake ice along the southern shore. Consolidated medium lake ice in sheltered bays.

February 23-March 10:

- Open water except 4-6 tenths thin and medium lake ice along the shore. Consolidated medium lake ice in sheltered bays.

March 11-15:

- Open water except 1-3 tenths thin and medium lake ice along parts of the shore. Consolidated medium lake ice in sheltered bays.

Whitefish Bay.

February 12-14:

- 9-9+ tenths new and thin lake ice except consolidated medium lake ice in sheltered bays.

February 15-22:

- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice along parts of the shore.

February 23-March 10:

- 7-8 tenths thin and medium lake ice except consolidated medium and thick lake ice along the shore.

March 11-15:

- 4-6 tenths thin and medium lake ice except consolidated medium and thick lake ice along the shore.

From Whitefish Bay northwards to Michipicoten Bay.

February 12-14:

- Open water except 4-6 tenths new and thin lake ice along parts of the shore.

February 15-22:

- Open water except 7-8 tenths thin and medium lake ice along the shore.

February 23-March 10:

- Open water except 4-6 tenths thin and medium lake ice along parts of the shore. Consolidated medium lake ice along parts of the shore.

March 11-15:

- Open water except 1-3 tenths thin and medium lake ice along parts of the shore.

From Michipicoten Bay to the entrance to Nipigon Bay.

February 12-March 10:

- Open water except 1-3 tenths new and thin lake ice along parts of the shore near

Nipigon Bay.
March 11-15:
- Open water.

Elsewhere in Lake Superior.
February 12-March 15:
- Ice free to open water.

Lake Michigan

Average air temperatures for mid-January to mid-February were near normal Lake Michigan. Air temperatures are forecast to be near to below for mid-February to mid-March.

Green Bay.
February 12-22:
- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice in the southern section and the Bays de Noc.
February 23-March 10:
- 7-8 tenths medium lake ice except consolidated medium and thick lake ice in the southern sections and the Bays de Noc.
March 11-15:
- 4-6 tenths medium lake ice except 7-8 tenths medium and thick lake ice in the southern section. Consolidated thick lake ice in the extreme southern sections and in the Bays de Noc.

Northeastern Lake Michigan.
February 12-22:
- Open water except 7-8 new and thin lake ice along parts of the shore and near Beaver Island. 9-9+ tenths thin and medium lake ice north and east of Beaver Island. Consolidated thin and medium lake ice near the Straits of Mackinac.
February 23-March 4:
- Open water except 4-6 tenths new and thin lake ice in the northeastern section and along parts of the shore. 9-9+ tenths thin and medium lake ice north and east of Beaver Island. Consolidated medium lake ice near the Straits of Mackinac.
March 5-10:
- Open water except 1-3 tenths new and thin lake ice along parts of the shore. 7-8 tenths thin and medium lake ice north and east of Beaver Island. Consolidated medium lake ice near the Straits of Mackinac.
March 11-15:
- Open water except 7-8 tenths medium lake ice near the Straits of Mackinac.

Elsewhere in Lake Michigan.
February 12-22:
- Open water except 7-8 tenths new and thin lake ice along parts of the shore.
February 23-28:
- Open water except 1-3 tenths thin lake ice along parts of the shore.
March 1-15:
- Ice free to open water.

Lake Huron and Georgian Bay

Average air temperatures for mid-January to mid-February were near normal for Lake Huron and Georgian Bay. Air temperatures are forecast to be near to below normal for mid-February to mid-March.

North Channel.

February 12-14:

- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice in the eastern and western sections.

February 15-22:

- Consolidated medium lake ice

February 23-March 15

- Consolidated medium lake ice except consolidated medium and thick lake ice in the eastern and western sections.

St Mary's River.

February 12-22:

- Consolidated medium lake ice.

February 23-March 15:

- Consolidated medium and thick lake ice.

South of Manitoulin Island westward to north-western Lake Huron.

February 12-22:

- 4-6 tenths new and thin lake ice.

February 23-March 10:

- 1-3 tenths new and thin lake ice except 4-6 tenths thin and medium lake ice in the western section.

March 11-15:

- Open water except 1-3 tenths thin and medium lake ice in the western section.

North-western Lake Huron near the Straits of Mackinac.

February 12-22:

- 7-8 tenths new and thin lake ice except consolidated thin and medium lake ice near the Straits of Mackinac and in sheltered bays.

February 23-March 10:

- 4-6 tenths new and thin lake ice except consolidated medium lake ice near the Straits of Mackinac and in sheltered bays.

March 11-15:

- 1-3 tenths thin lake ice except 7-8 tenths medium lake ice near the Straits of Mackinac. Consolidated medium lake ice in sheltered bays.

From north-western Lake Huron to Saginaw Bay.

February 12-22:

- Open water except 4-6 tenths new and thin lake ice along the shore. 7-8 tenths new and thin lake ice south of Alpena.

February 23-March 10:

- Open water except 1-3 tenths new and thin lake ice along parts of the shore.

March 11-15:

- Open water.

Saginaw Bay.

February 12-22:

- 7-8 tenths new and thin lake ice except consolidated medium lake ice in the western section.

February 23-March 4:

- 4-6 tenths new and thin lake ice except consolidated medium lake ice in the western section.

March 5-10:

- 1-3 tenths new and thin lake ice except 9-9+ tenths medium lake ice in the western section. Consolidated medium lake ice along parts of the shore.

March 11-15:

- Open water except 7-8 tenths medium lake ice in the western section.

The southern and eastern shore of Lake Huron.

February 12-22:

- Open water except 4-6 tenths new and thin lake ice along parts of the shore. 9-9+ tenths new and thin lake ice in the southern section and along the Ontario shore.

February 23-March 4:

- Open water except 1-3 tenths new and thin along parts of the shore. 7-8 tenths thin and medium lake ice along the Ontario shore. Consolidated medium lake ice along the Bruce Peninsula.

March 5-10:

- Open water except 4-6 tenths new and thin lake ice along the Ontario shore. Consolidated medium lake ice along the Bruce Peninsula.

March 11-15:

- Open water except consolidated medium lake ice along the Bruce Peninsula.

Georgian Bay.

February 12-22:

- Open water except 9-9+ tenths new and thin lake ice in the northeastern section. Consolidated medium lake ice along the shore.

February 23-March 10:

- Open water except 9-9+ tenths thin and medium lake ice in the northern and eastern sections. Consolidated medium and thick lake ice along the shore.

March 11-15:

- Open water except 4-6 tenths thin and medium lake ice in the northern and eastern sections. Consolidated medium and thick lake ice along the shore.

Elsewhere in Lake Huron.

February 12-March 15:

- Open water to ice free.

Lake Erie and Lake St. Clair

Average air temperatures for mid-January to mid-February were near normal for Lake Erie and Lake St. Clair. Air temperatures are expected to be near to below normal for mid-February to mid-March.

Lake St Clair and the Western Basin.

February 12-22:

- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice along parts of the shore.

February 23-28:

- 7-8 tenths thin and medium lake ice except 9-9+ tenths thin and medium lake ice in Lake St. Clair. Consolidated medium lake ice along parts of the shore.

March 1-8:

- 4-6 tenths thin and medium lake ice except 7-8 tenths thin and medium lake ice in Lake St. Clair.

March 9-15:

- 1-3 tenths thin and medium lake ice.

The rest of Lake Erie.

February 12-22:

- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in the western section. Consolidated thin lake ice in Long Point Bay and the extreme eastern section.

February 23-28:

- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake along parts of the shore. Consolidated medium lake ice in Long Point Bay and the extreme eastern section.

March 1-8:

- 4-6 tenths thin and medium lake ice except consolidated medium lake ice in Long Point Bay and the extreme eastern section.

March 9-15:

- Open water except 1-3 tenths thin and medium lake ice in the extreme western section and along the shore in the eastern section.

Lake Ontario

Average air temperatures for mid-January to mid-February were near normal for Lake Ontario. Air temperatures will be near to below normal for mid-February to mid-March.

Northeastern Lake Ontario.

February 12-22:

- Open water except 7-8 tenths thin lake ice in the northeastern section. Consolidated medium lake ice in sheltered bays.

February 23-March 10:

- Open water except 4-6 tenths thin and medium lake ice in the northeastern section. Consolidated medium lake ice in sheltered bays.

March 11-15:

- Open water except 1-3 tenths thin and medium lake ice in the northeastern section. Consolidated medium lake ice in sheltered bays.

Bay of Quinte.

February 12-28:

- Consolidated medium lake ice.

March 1-15:

- Consolidated medium and thick lake ice.

St Lawrence River.

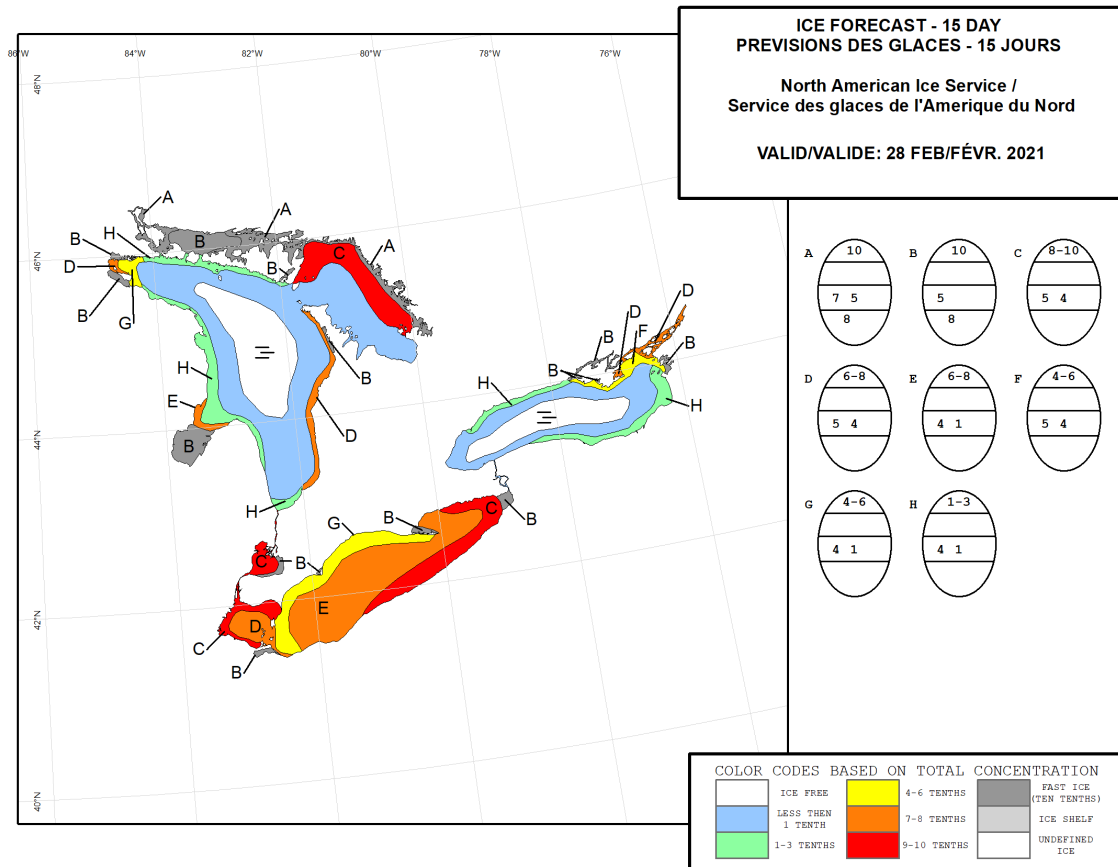
February 12-March 15:
 - 7-8 tenths thin and medium lake ice.

Elsewhere in Lake Ontario.

February 12-22:
 - Open water except 4-6 tenths new and thin lake ice along parts of the shore.

February 23-March 10:
 - Open water except patches of 1-3 tenths new and thin lake ice along the south shore and the north shore between Toronto and the Bay of Quinte.

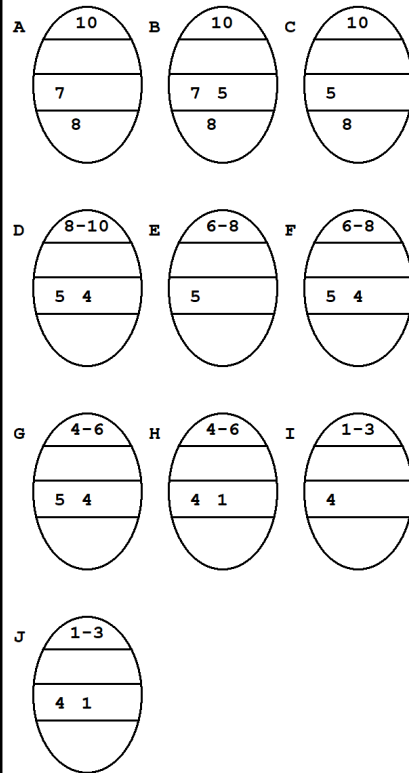
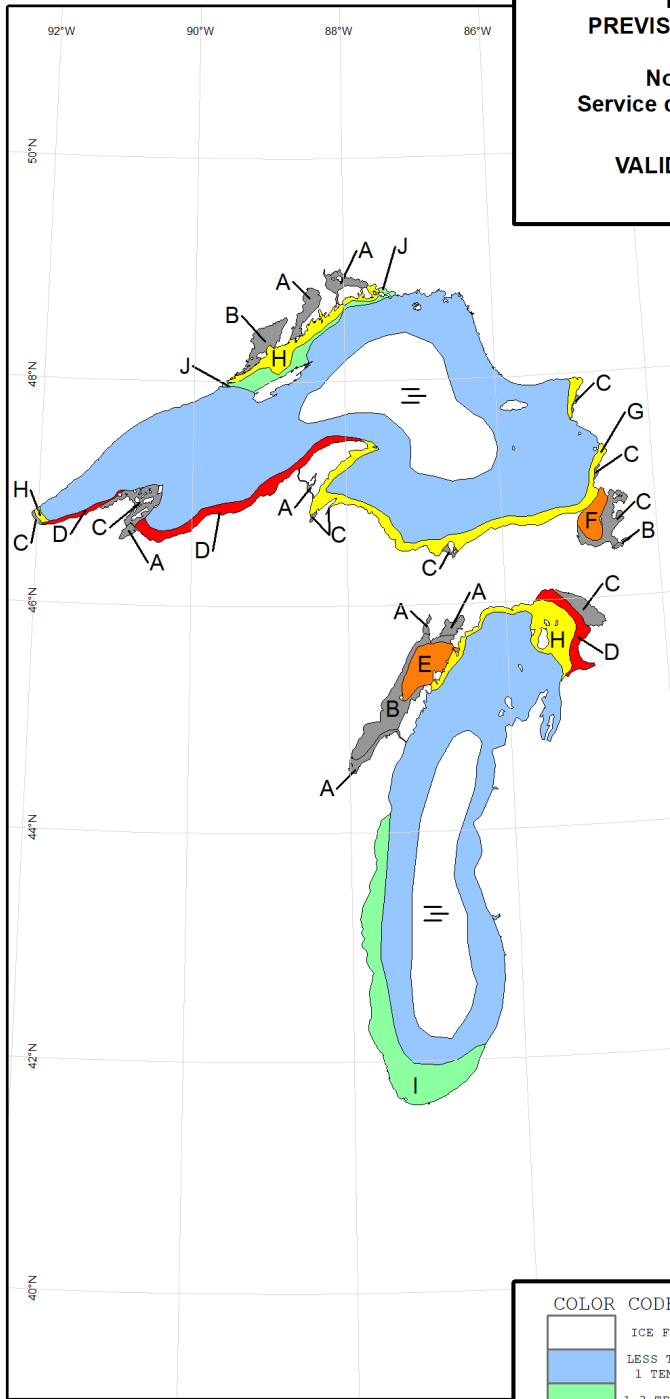
March 11-15:
 - Open water.



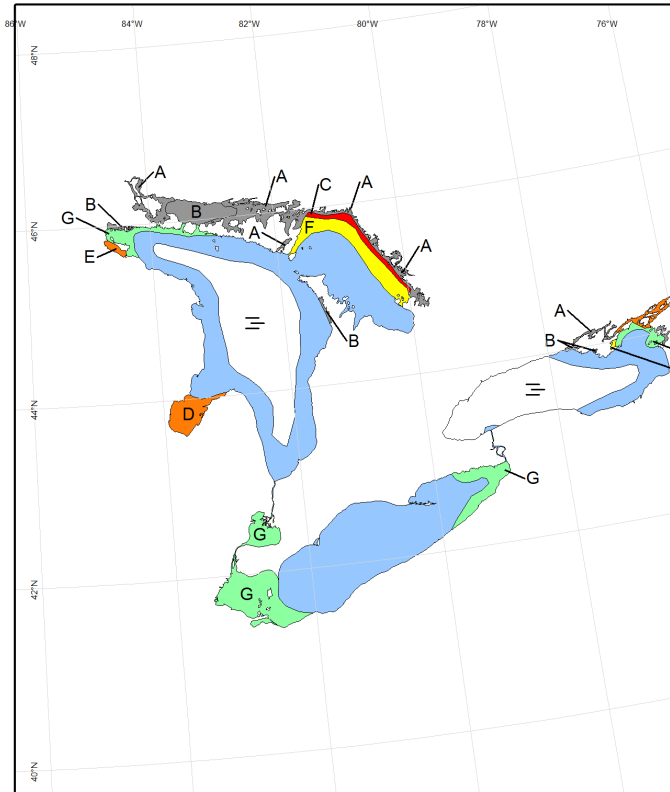
**ICE FORECAST - 15 DAY
PREVISIONS DES GLACES - 15 JOURS**

**North American Ice Service /
Service des glaces de l'Amerique du Nord**

VALID/VALIDE: 28 FEB/FÉVR. 2021



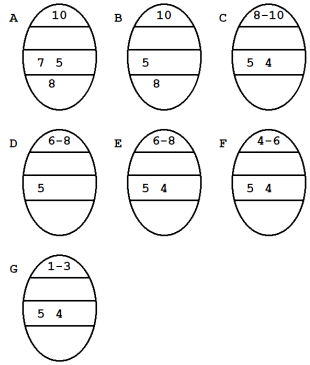
COLOR CODES BASED ON TOTAL CONCENTRATION					
	ICE FREE		4-6 TENTHS		FAST ICE (TEN TENTHS)
	LESS THEN 1 TENTH		7-8 TENTHS		ICE SHELF
	1-3 TENTHS		9-10 TENTHS		UNDEFINED ICE



ICE FORECAST - 30 DAY
PREVISIONS DES GLACES - 30 JOURS

North American Ice Service /
 Service des glaces de l'Amerique du Nord

VALID/VALIDE: 15 MAR/MARS, 2021



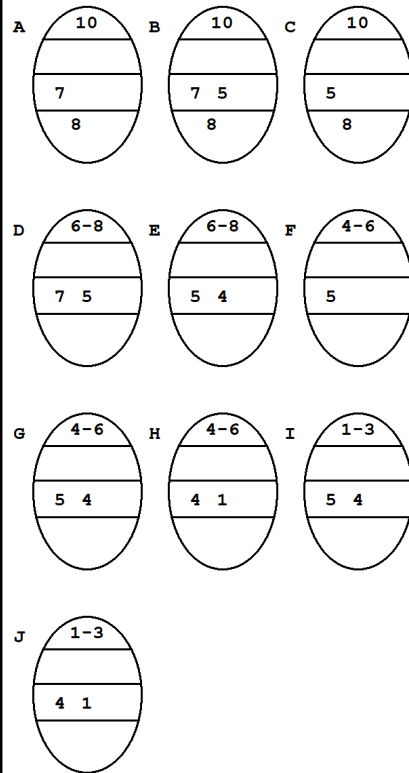
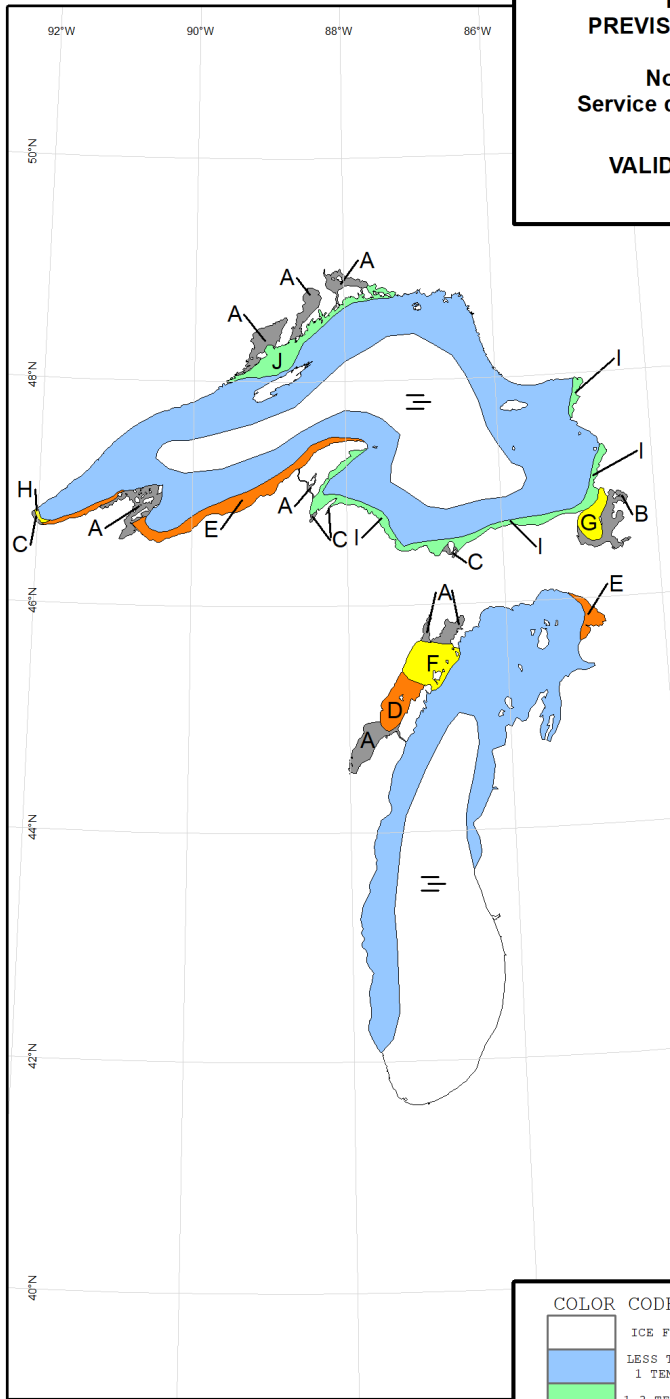
COLOR CODES BASED ON TOTAL CONCENTRATION

ICE FREE	4-6 TENTHS	FAST ICE (TEN TENTHS)
LESS THEN 1 TENTH	7-8 TENTHS	ICE SHELF
1-3 TENTHS	9-10 TENTHS	UNDEFINED ICE

**ICE FORECAST - 30 DAY
PREVISIONS DES GLACES - 30 JOURS**

**North American Ice Service /
Service des glaces de l'Amerique du Nord**

VALID/VALIDE: 15 MAR/MARS. 2021



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