

FECN19 CWIS 151800

THIRTY-DAY ICE OUTLOOK FOR THE GREAT LAKES ISSUED BY ENVIRONMENT CANADA ON 15 FEBRUARY 2024 FOR MID-FEBRUARY TO MID-MARCH. THE NEXT SCHEDULED BULLETIN WILL BE ISSUED ON 1 MARCH 2024.

Lake Superior

Above normal air temperatures were experienced from mid-January to mid-February over Lake Superior. Temperatures are forecast to be above normal from mid-February to mid-March.

Thunder Bay.

February 15-20:

-9 tenths thin lake ice. Consolidated thin and medium lake ice along the shore and in the northeastern section.

February 21-25:

-9 plus tenths thin and medium lake ice. Consolidated medium lake ice along the shore.

February 26-March 4:

-9 tenths medium lake ice. Consolidated medium and thick lake ice along the shore.

March 5-15:

-7 tenths thin and medium lake ice. Consolidated medium and thick lake ice along parts of the shore.

Nipigon and Black Bays.

February 15-25:

- Consolidated medium and thick lake ice.

February 26-March 15:

- Consolidated thick lake ice.

From Grand Marais Minnesota to the entrance to Nipigon Bay.

February 15-21:

-Open water except 4-6 tenths new and thin lake ice along the shore from Thunder Bay to Black Bay.

February 22-March 4:

-1-3 tenths thin lake ice except 7-8 tenths thin lake ice along the shore from Thunder Bay to Black Bay.

March 5-15:

-Open water except 4-6 tenths thin and medium lake ice near the shore from Thunder Bay to Black Bay.

From Grand Marais to Duluth.

February 15-19:

- Open water.

February 20-29:

- Open water except 1-3 tenths new and thin lake ice near Grand Marais and 4-6 tenths new and thin lake ice near Duluth.

March 1-8:

- Open water except 4-6 tenths thin lake ice near Grand Marais and 7-8 tenths new and thin lake ice near Duluth.

March 9-15:

- Open water.

Southern Lake Superior west of Keweenaw Peninsula.

February 15-19:

- Open water except 1-3 tenths new lake ice along the shore and 4-6 tenths new lake ice amongst the Apostle Islands. Consolidated medium lake ice in Chequamegon Bay.

February 20-25:

- 1-3 tenths new and thin lake ice except 7-8 tenths thin lake ice along parts of the shore and within the Apostle Islands. Consolidated medium lake ice in Chequamegon Bay.

February 26-March 3:

- 4-6 tenths new and thin lake ice except 9 tenths thin lake ice along the shore and within the Apostle Islands. Consolidated medium lake ice in Chequamegon Bay and 9-9+ tenths thin and medium lake ice amongst the Apostle islands.

March 4-15:

- Open water except 7-8 tenths thin and medium lake ice along parts of the shore. Consolidated medium lake ice in Chequamegon Bay and amongst the Apostle islands.

Southern Lake Superior east of the Keweenaw Peninsula.

February 15-19:

- Open water except 4-6 tenths new and thin lake ice in a few sheltered bays.

February 20-27:

- Open water except 9 tenths thin and medium lake ice sheltered bays.

February 28-March 5:

- Open water except 7-8 tenths new and thin lake ice along parts of the shore. 9-9+ tenths thin and medium lake ice in a few sheltered bays.

March 6-15:

- Open water except 1-3 tenths thin lake ice along parts of the shore. 9-9+ tenths medium lake ice in a few sheltered bays.

Whitefish Bay.

February 15-19:

- 1-3 tenths new and thin lake ice except consolidated medium lake ice along parts of the shores.

February 20-25:

- 4-6 tenths thin lake ice except consolidated medium lake ice along parts of the shores.

February 26-March 4:

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

March 5-9:

- 9-9 plus tenths medium lake ice except consolidated medium lake ice along the eastern shore. Consolidated medium and first-year lake ice along the shore in the southeastern section.

March 10-15:

- 4-6 tenths thin and medium lake ice except consolidated medium lake ice along the eastern shore. Consolidated medium and first-year lake ice along the shore in the southeastern section.

From Whitefish Bay northwards to Michipicoten Bay.

February 15-20:

- Open water.

February 21-March 2:

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

March 3-8.

- Open water except 7-8 tenths new and thin lake ice along parts of the shore.

March 9-15.

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

From Michipicoten Bay to the entrance to Nipigon Bay.

February 15-25:

- Open water.

February 26-March 5.

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

March 6-15:

- Open water.

Elsewhere in Lake Superior.

February 15-March 15:

- Ice free to open water.

Lake Michigan

Near normal air temperatures were experienced from mid-January to mid-February over Lake Michigan. Temperatures are forecast to be above normal from mid-February to mid-March.

Green Bay.

February 15-19:

- 4-6 tenths thin and medium lake ice. Consolidated thin and medium lake ice along the shore in the southern section and in Bays de Noc.

February 20-March 4:

- 7-8 tenths thin and medium lake ice except 9-9+ tenths medium and thick lake ice along the shore in the southeastern section. Consolidated medium and thick lake ice in the southern section and in Bays de Noc.

March 5-15:

- 7-8 tenths medium and thick lake ice except 9-9+ tenths medium and thick lake ice along the shore in the southeastern section. Consolidated medium and thick lake ice in the southern section and in Bays de Noc.

Northeastern Lake Michigan.

February 15-19:

- 1-3 tenths new and thin lake ice except 9 tenths thin and medium lake ice along the northern shore and near the Straits of Mackinac.

February 20-26:

- 1-3 tenths thin lake ice except 7-8 tenths thin and medium lake ice north and east of Beaver Island. Consolidated thin and medium lake ice along parts of the shore near the Straits of Mackinac.

February 27-March 6:

- 4-6 tenths thin and medium lake ice except 7-8 tenths thin and medium lake ice north and east of Beaver Island. Consolidated medium lake ice along parts of the northern shore and near the Straits of Mackinac.

March 7-15:

- 1-3 tenths thin and medium lake ice except 7-8 tenths thin and medium lake ice along the northeastern shore. Consolidated medium lake ice along parts of the northern shore and near the Straits of Mackinac.

Elsewhere in Lake Michigan.

February 15-19:

- Open water.

February 20-March 2:

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

March 3-15:

- Open water.

Lake Huron and Georgian Bay

Near normal air temperatures were experienced from mid-January to mid-February over Lake Huron and above normal air temperatures were experienced from mid-January to mid-February over Georgian Bay and the North Channel. Temperatures are forecast to be above normal from mid-February to mid-March.

North Channel.

February 15-20:

- 7-8 tenths thin lake ice except consolidated medium lake ice along the shores and in the extreme western and eastern sections.

February 21-March 2:

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

March 3-15:

- 7-8 tenths medium and thick lake ice except consolidated medium and thick lake ice along the shores and in the extreme western and eastern sections.

St Mary's River.

February 15- 25:

- Consolidated medium lake ice.

February 26- March 15:

- Consolidated medium and thick lake ice.

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

February 15-March 15:

- 1-3 tenths new and thin lake ice except consolidated thin and medium lake ice in sheltered bays.

North-western Lake Huron near the Straits of Mackinac.

February 15-20:

- 1-3 tenths thin lake ice except 9-9+ tenths thin and medium lake ice along parts of the shores near the Straits of Mackinac.

February 21-27:

- 7-8 tenths thin and medium lake ice except consolidated thin and medium lake ice along parts of the shores and near the Straits of Mackinac.

February 28-March 7:

- 7-8 tenths medium lake ice except consolidated medium lake ice along parts of the shores and near the Straits of Mackinac.

March 8-15:

- 1-3 tenths thin medium lake ice except 7-8 tenths medium lake ice along parts of the shores and near the Straits of Mackinac.

From north-western Lake Huron to Saginaw Bay.

February 15-23:

- 1-3 tenths new and thin lake ice along the shore except 4-6 tenths new and thin lake ice near Alpena.

February 24-March 6:

- 1-3 tenths new and thin lake ice along the shore except 7-8 tenths new and thin lake ice along the shore near and south of Alpena.

March 7-15:

- Open water except 9-9+ thin and medium lake ice along the shore near Alpena.

Saginaw Bay.

February 15-23:

- 1-3 tenths thin and medium lake ice except consolidated medium lake ice along the shore in the southeastern section.

February 24-29:

- 7-8 tenths thin and medium lake ice except consolidated medium lake ice along parts of the shore and in the southeastern section.

March 1-15:

- 9-9+ tenths thin and medium lake ice except 9-9+ tenths medium and thick lake ice along the southern shore. Consolidated medium lake ice along the shore and in the eastern section.

The southern and eastern shore of Lake Huron.

February 15-20:

- Open water except consolidated thin lake ice along parts of the Bruce Peninsula.

February 21-March 6:

- 1-3 tenths new and thin lake ice except consolidated thin and medium lake ice along parts of the Bruce Peninsula.

March 7-15:

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

Georgian Bay.

February 15-21:

- Open water except 4-6 tenths new and thin lake ice near the shore in the northeastern section. Consolidated medium lake ice along the northeastern shore.

February 22-March 2:

- Open water except 7-8 tenths new and thin lake ice in the northeastern section. Consolidated medium lake ice along the northeastern shore.

March 3-15:

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

Elsewhere in Lake Huron.

February 1-March 15:

- Open water to ice free.

Lake Erie and Lake St. Clair

Near normal air temperatures were experienced from mid-January to mid-February over Lake Erie and Lake St. Clair. Temperatures are forecast to be above normal from mid-February to mid-March.

Lake St Clair and the Western Basin.

February 15-21:

- Open water except 4-6 tenths new and thin lake ice along the shore in eastern Lake St Clair. 1-3 tenths thin lake ice in Sandusky Bay and near Pelee Island.

February 22-March 6:

- 4-6 tenths new and thin lake ice except 9-9+ thin and medium lake ice along the eastern shore of Lake St. Clair. 4-6 tenths thin and medium lake ice in Sandusky Bay and near Pelee Island.

March 7-15:

- Open water except 4-6 tenths thin and medium lake ice along the northeastern shore of Lake St. Clair.

The rest of Lake Erie.

February 15-21:

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

February 22-29:

- 1-3 tenths new and thin lake ice except 4-6 tenths thin lake ice along parts of the shore and near the Western Basin.

March 1-15:

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

Lake Ontario

Near normal air temperatures were experienced from mid-January to mid-February over Lake Ontario. Temperatures are forecast to be above normal from mid-February to mid-March.

Northeastern Lake Ontario.

February 15-22:

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

February 23-March 5:

- Open water except 7-8 tenths new and thin lake ice near the shores. Consolidated thin and medium lake ice along the shores.

March 6-15:

- Open water except 1-3 tenths thin and medium lake ice near the shores.
Consolidated thin and medium lake ice along the shores.

Bay of Quinte.

February 15-March 15:

- Consolidated medium lake ice.

St Lawrence River.

February 15-20:

- 1-3 tenths new and thin lake ice except consolidated thin and medium lake ice along parts of the shores.

February 21-March 8:

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

March 9-15:

- Open water except consolidated medium lake ice along parts of the shores.

Elsewhere in Lake Ontario.

February 15-21:

- Open water except consolidated medium lake ice in sheltered bays east of Cobourg.

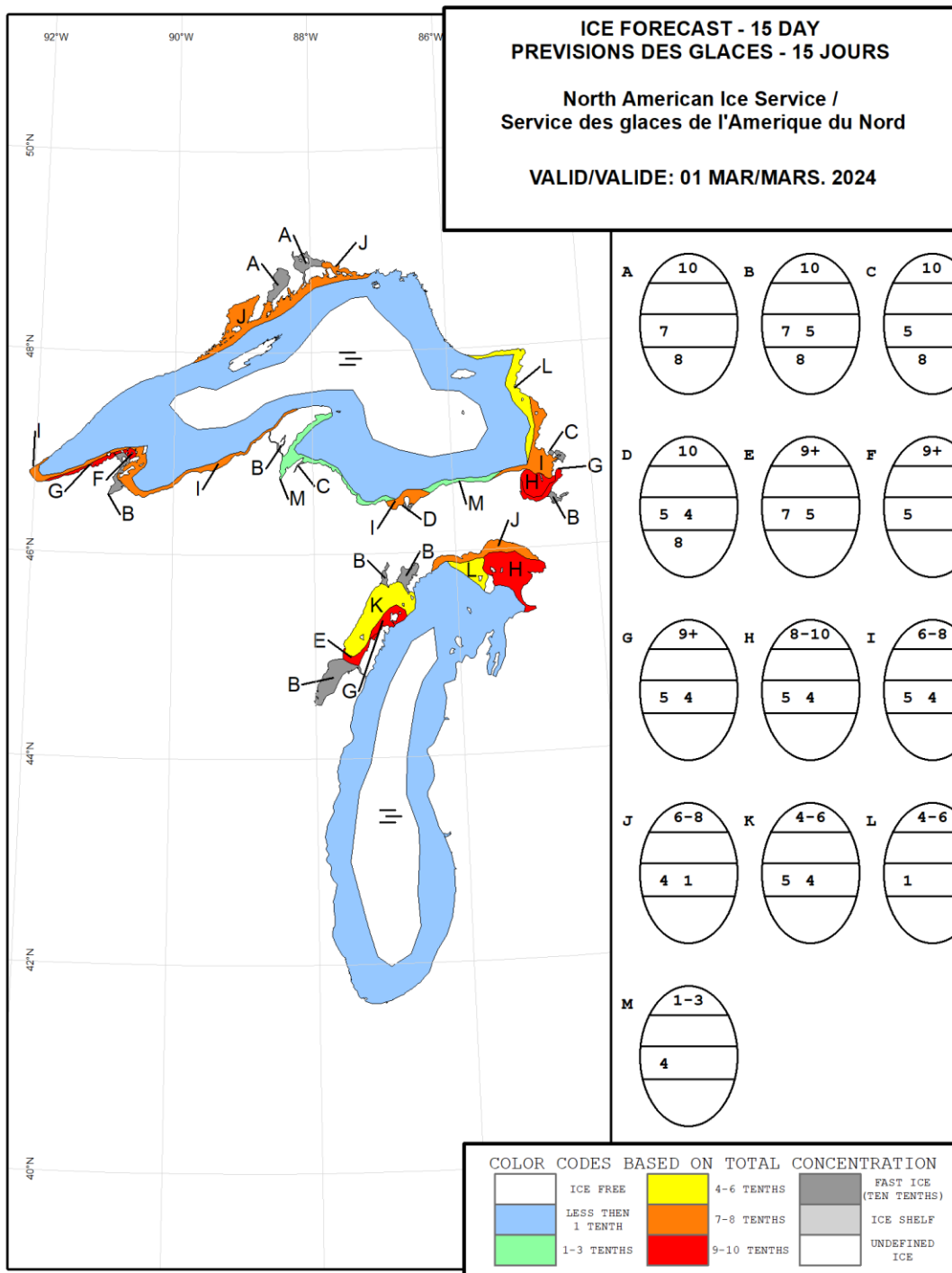
February 22-March 6:

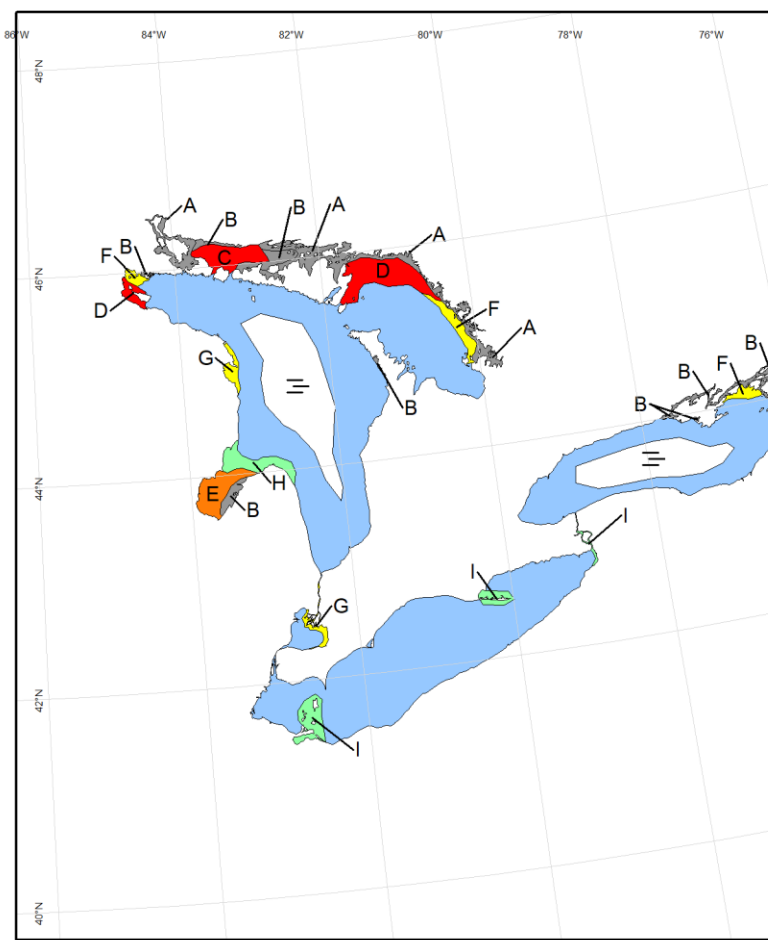
- Open water except 4-6 tenths new and thin lake ice along parts of the shore east of Cobourg. Consolidated medium lake ice in sheltered bays east of Cobourg.

March 7-15:

- Open water except consolidated medium lake ice in sheltered bays east of Cobourg.

END














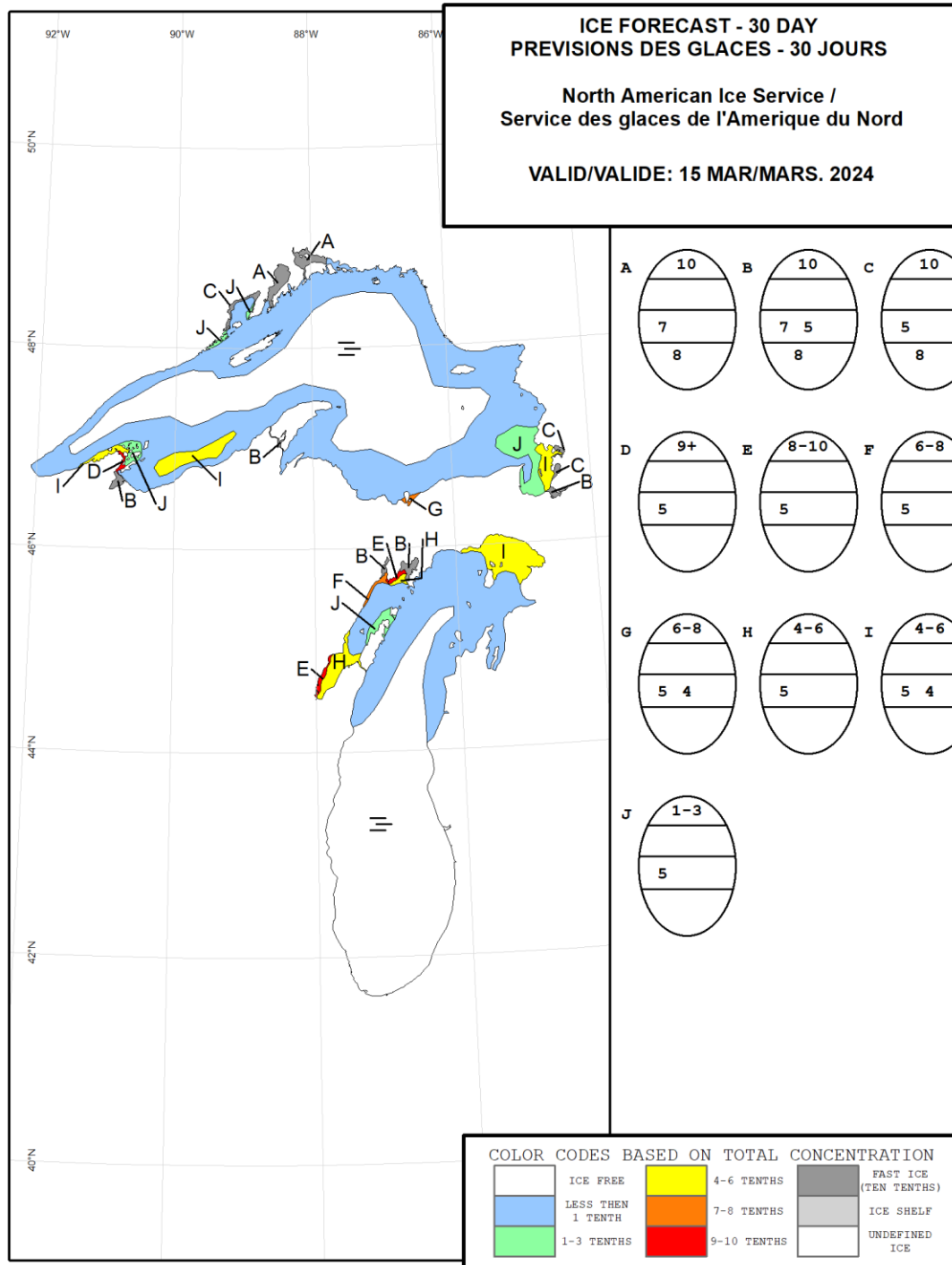
**ICE FORECAST - 15 DAY
PREVISIONS DES GLACES - 15 JOURS**

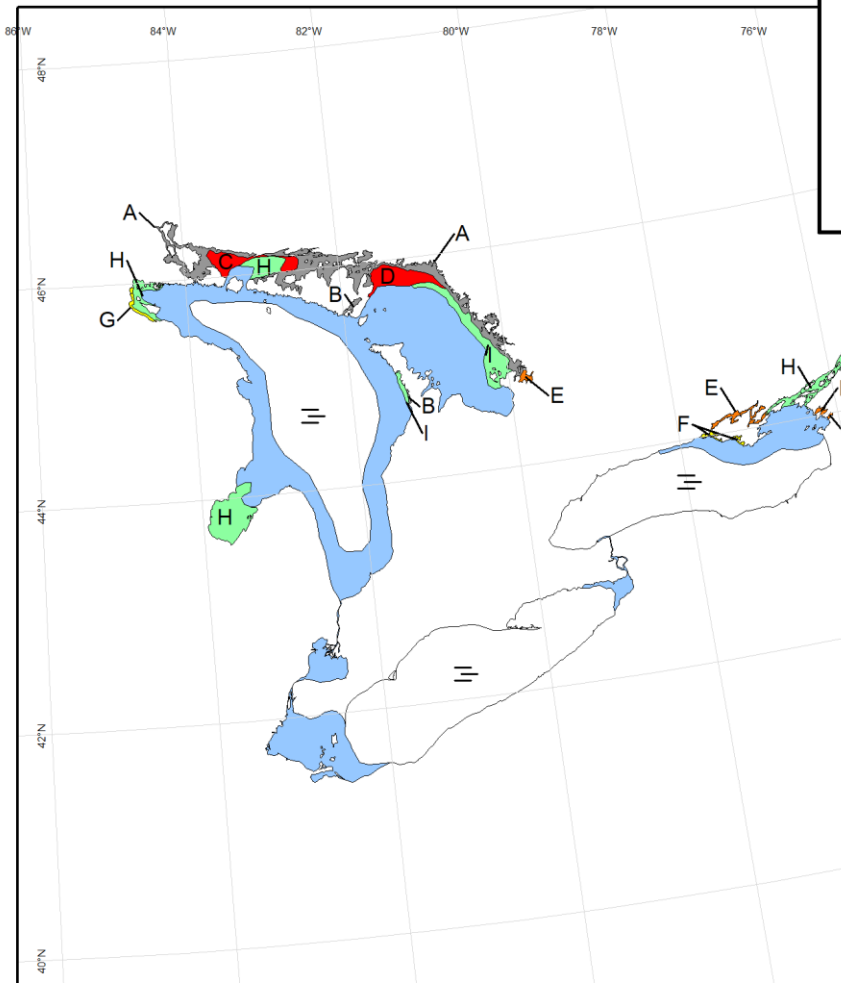
North American Ice Service /
Service des glaces de l'Amerique du Nord

VALID/VALIDE: 01 MAR/MARS. 2024

A	10 7 5 8	B	10 5 8	C	9+ 5
D	8-10 5 4	E	6-8 5 4	F	4-6 5 4
G	4-6 4 1	H	1-3 5	I	1-3 4

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. 2024

A	10 7 5 8	B	10 5 8	C	8-10 5
D	8-10 5 4	E	6-8 5	F	4-6 5
G	4-6 5 4	H	1-3 5	I	1-3 5 4

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