

FLOOD INFORMATION MAP



PLACENTIA

FLOODING IN PLACENTIA

The Town of Placentia is located on a beach at the eastern end of an inlet off Placentia Bay known as "Placentia Road", where the action of waves and currents, over the years, has created a low, broad expanse of beach. Mapping and documentation as early as 1709 refer to the town site as "The Great Beach".

Tidal waters flow from "Placentia Road" into Northeast Arm through a narrow opening, known as the "Cut", which lies between the north end of the beach and the Town of Jerseyside.

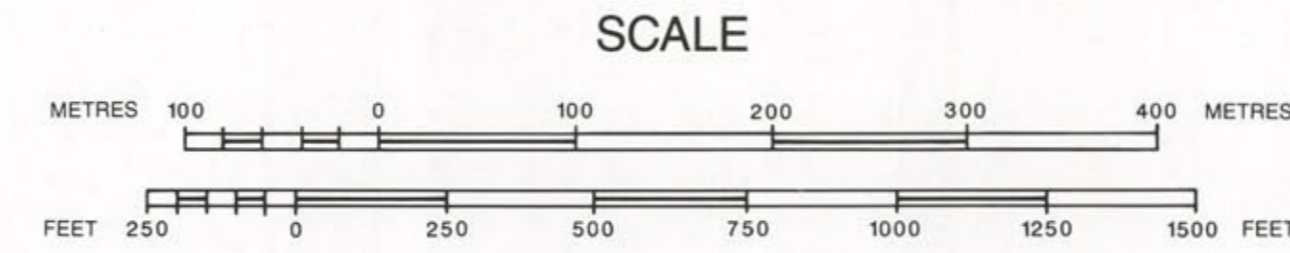
The Towns of Placentia and Jerseyside have experienced minor flooding as a relatively common occurrence over the decades. The first noted flooding was on February 3, 1904. Other floods occurred in September 1955 and the winter of 1960. More recently, there was flooding in March 1976, January 1977, January 10 and 16, 1982, and of course, the latest events of December 22 and 25, 1983.

On December 22, the water level rose in the Narrows and overtopped the breastwork beginning near the southern end adjacent to the Placentia Cottage Hospital. The water level peaked at an elevation of approximately 1.9 m, the highest recorded in recent years.

On December 25, the breastwork along the Narrows was again overtopped and the water level reached an elevation of 1.7 m, similar to the flood of January 10, 1982.

FLOOD INFORMATION MAP

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FLOOD ZONES

A "designated floodway" (1:20 year flood zone) is the area subject to most frequent flooding.

The "special policy area" represents a 1:20 year flood zone where special conditions apply.

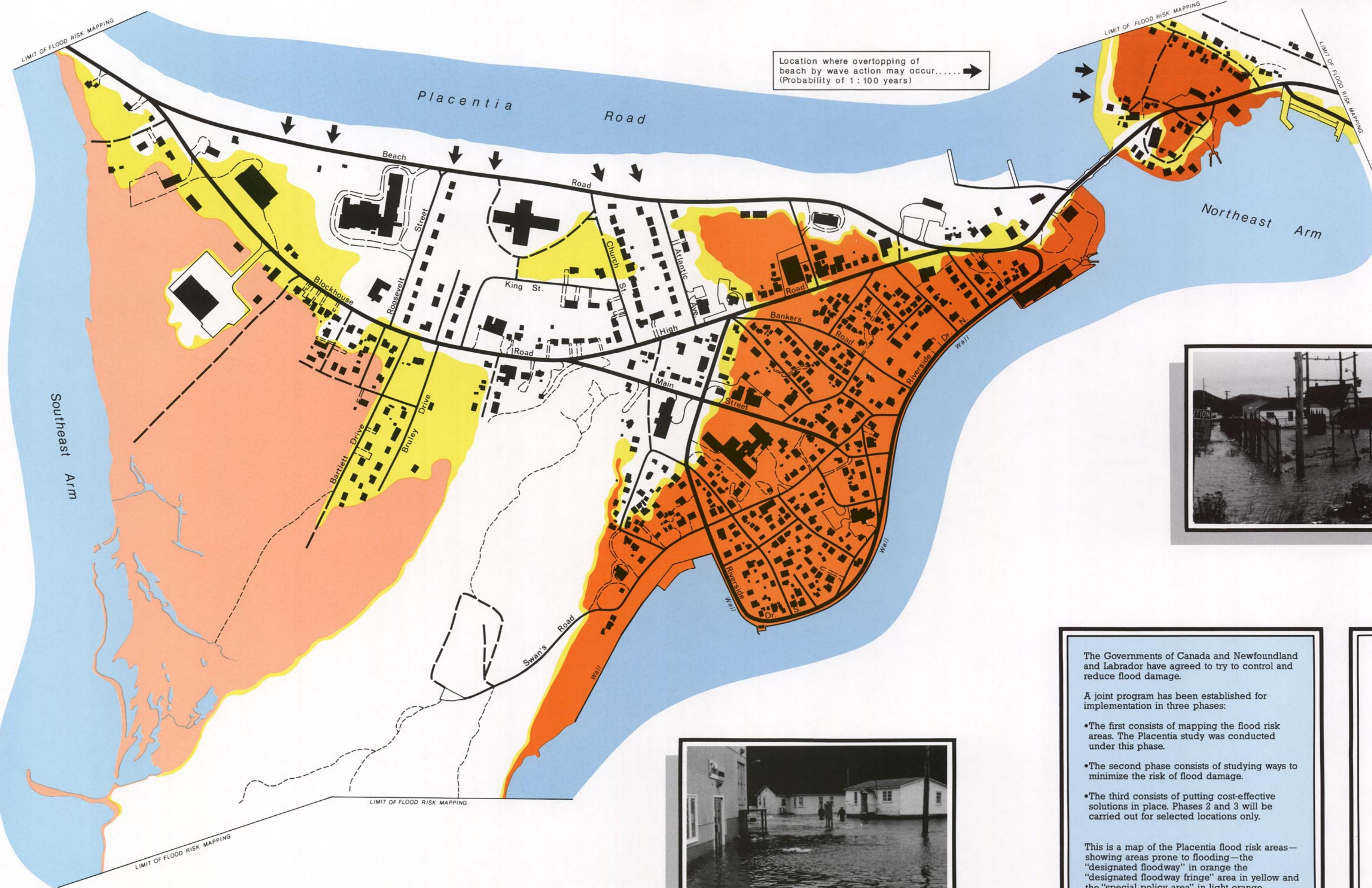
A "designated floodway fringe" (1:100 year flood zone) constitutes the remainder of the flood risk area. This generally receives less damage from flooding.

No building should be erected in the "designated floodway" since extensive damage may result from deeper and more swiftly flowing waters. However, it is often desirable and may be acceptable to use land in this area for agricultural and recreational purposes.

For the "special policy area," the Steering Committee for the program considered the nature of flooding and recommended that some development may be permitted, provided it follows a comprehensive development plan for the area. Plans for development must be submitted to the Department of Environment and Lands for review.

Within the "floodway fringe" a new building, or an alteration to an existing building, should receive flood proofing measures. A variety of these may be used, e.g. the placing of a dyke around the building, the construction of a building on raised land, or by the special design of a building.

Buildings erected prior to the designation of these areas may still be eligible for flood damage compensation.



FLOODING IN PLACENTIA



This map is a Public Information Document and is to be used for general reference only. The information is based on the Flood Risk Maps for Placentia.

Copies of this map and information on the Flood Damage Reduction Program may be obtained from:

Flood Damage Reduction Program
 Department of Environment & Lands
 Government of Newfoundland and Labrador
 P.O. Box 4750
 St. John's, Newfoundland
 A1C 5T7

Flood Damage Reduction Program
 Inland Waters Directorate
 Environment Canada
 4th Floor, Queen Square
 48 Alderney Drive
 Dartmouth, Nova Scotia
 B2Y 2N6

The designated Flood Risk Maps are suitable for use by elected officials, land use planners, developers, builders and newcomers seeking home or business locations. They may be viewed at the Town Council Office in Placentia, the Department of Environment and Lands Offices in Corner Brook, Grand Falls, and St. John's.

Copies of the Flood Risk Maps may be ordered for a nominal fee from:

Department of Environment and Lands
 Mapping Division
 Howley Building, Higgins Line
 P.O. Box 4750
 St. John's, Newfoundland
 A1C 5T7



The Governments of Canada and Newfoundland and Labrador have agreed to try to control and reduce flood damage.

A joint program has been established for implementation in three phases:

- The first consists of mapping the flood risk areas. The Placentia study was conducted under this phase.
- The second phase consists of studying ways to minimize the risk of flood damage.
- The third consists of putting cost-effective solutions in place. Phases 2 and 3 will be carried out for selected locations only.

This is a map of the Placentia flood risk areas—showing areas prone to flooding—the "designated floodway" in orange the "designated floodway fringe" area in yellow and the "special policy area" in light orange.

LEGEND

Normal Water Surface	
1:20 Year Flood Zone	
1:20 Year Special Policy Area	
1:100 Year Flood Zone	
Road, all season	
cart track	
Railway	
Building	
Stream/River	