

**Flood
Information
Map**



Glenwood/Appleton

FLOODING IN GLENWOOD/APPLETON

Flooding causes damage to personal property, disrupts the lives of individuals and communities and can be a threat to life itself. Continuing development of flood plain land increases these risks. The Governments of Canada and Newfoundland and Labrador are sometimes asked to compensate property owners for damage caused by floods or are expected to find solutions to these problems.

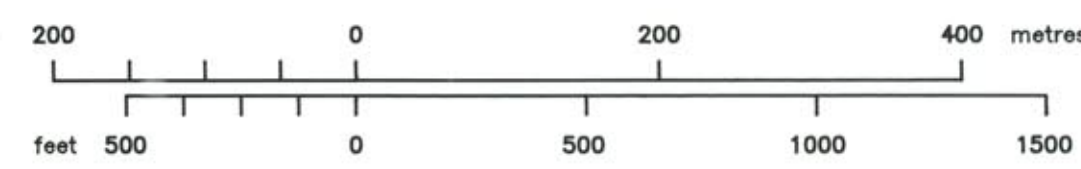
Included on this map are flood risk zones along the Gander River in the communities of Glenwood and Appleton. The communities are located on opposite banks, with Glenwood on the west bank and Appleton on the east bank.

There has been one serious flood in the Glenwood/Appleton area in recent years. This flood occurred in 1983. It has been reported that some minor flooding occurs almost every year in the low-lying areas. This is a significant problem in Glenwood where the riverside zone is low.

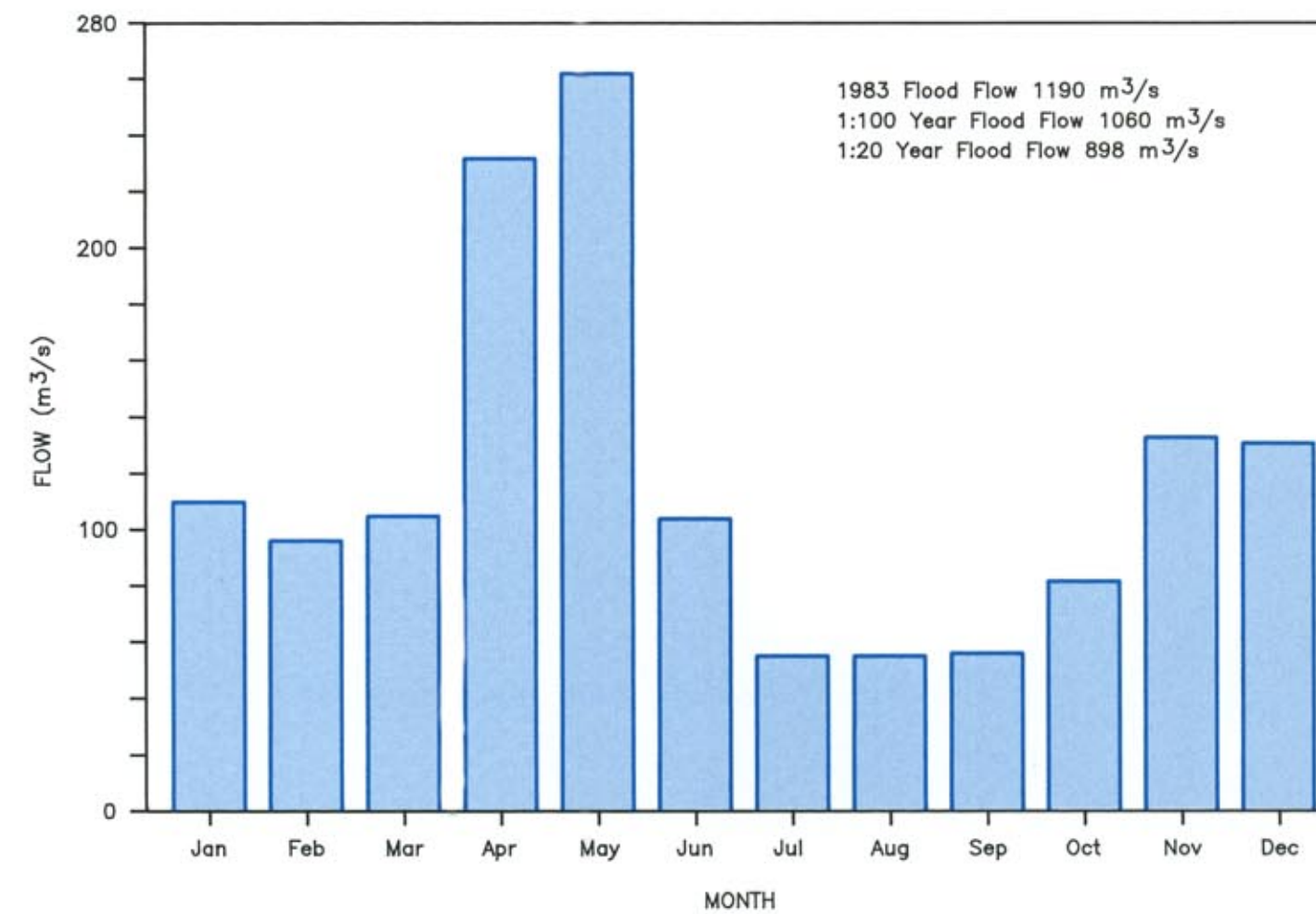
In 1983 the same storm which caused extensive damage at Bishop's Falls and other areas in Central Newfoundland also resulted in serious flooding in Glenwood/Appleton. During this flood waters from Gander River flooded the communities to a depth of 2 m, marooning houses, cars, boats, etc., and covering roads, back and front yards and driveways with broken ice sheets. In all, forty basements were flooded and twelve families, ten in Glenwood and two in Appleton were forced to evacuate their homes. In Glenwood the water and sewer supply systems became inoperable due to high water levels.

**FLOOD INFORMATION MAP
GLENWOOD/APPLETON - NEWFOUNDLAND**

SCALE 1:5000



MEAN MONTHLY FLOWS - GANDER RIVER AT BIG CHUTE



FLOOD ZONES

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

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

No building or structure 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 or recreational purposes.

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, eg. 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 two areas may still be eligible for flood damage compensation.

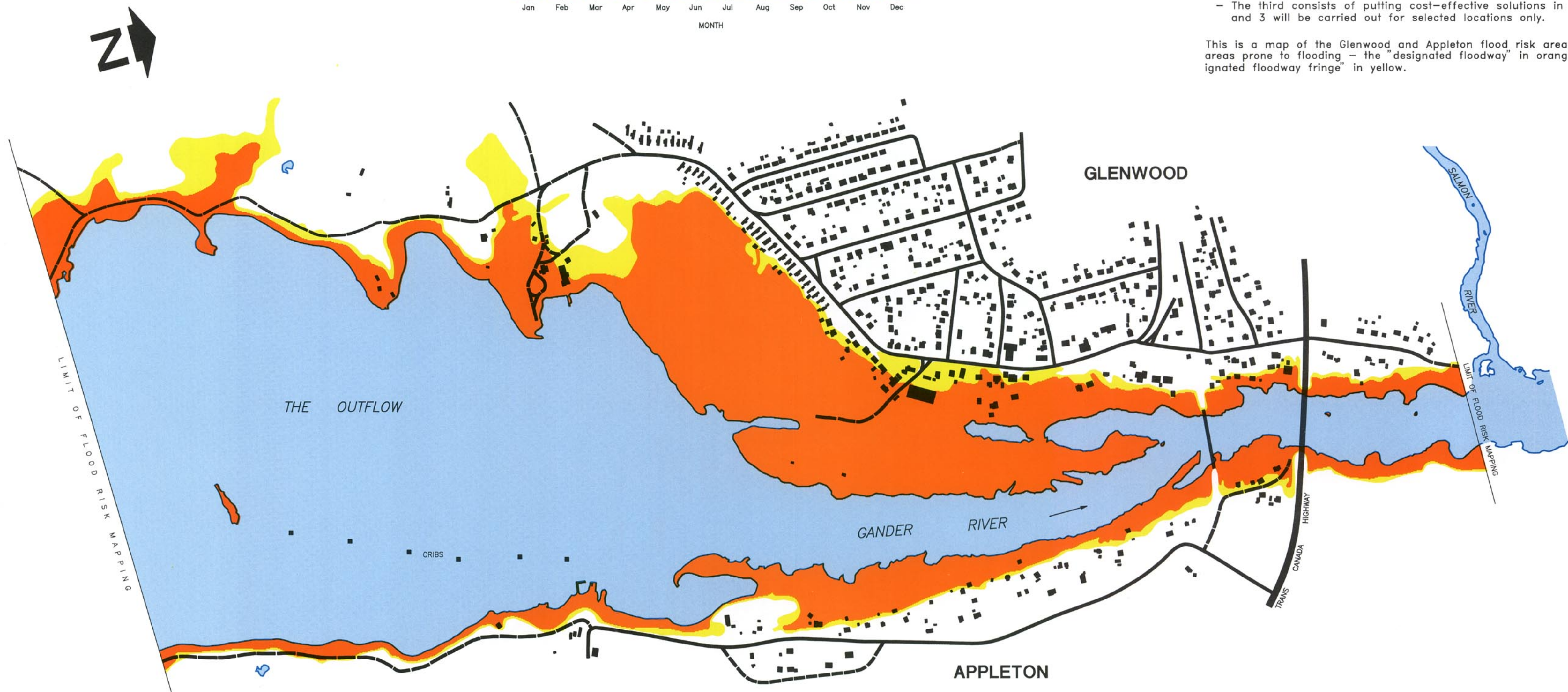
LEGEND

- Normal Water Surface
- Designated Floodway (1:20 Year Flood Zone)
- Designated Floodway Fringe (1:100 Year Flood Zone)
- Road, all season
- Building

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 Glenwood/Appleton study was conducted under this phase.
 - The second 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 Glenwood and Appleton flood risk areas - showing the areas prone to flooding - the "designated floodway" in orange and the "designated floodway fringe" in yellow.



Glenwood/Appleton

FLOOD INFORMATION MAP

This map is a Public Information Document and is to be used for general reference only.

The information is based on Flood Risk Maps for the Glenwood/Appleton Area.

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

Flood Damage Reduction Program
c/o Water Resources Division
Department of Environment and Lands
P.O. Box 8700
St. John's, Newfoundland
A1B 4J6

Flood Damage Reduction Program
c/o Inland Waters Directorate
Environment Canada
4th Floor, Queen Square,
45 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 Offices in Glenwood and Appleton at the Department of Environment and Lands Offices in Grand Falls and St. John's.

**Canada - Newfoundland
Flood Damage Reduction Program**

Flood Information Maps Available

- Badger
- Bishop's Falls
- Codroy Valley
- Cox's Cove
- Deer Lake
- Glenwood/Appleton
- Glovertown
- Parson's Pond
- Placentia
- Rushoon
- Rushy Pond
- Steady Brook
- Stephenville
- Stephenville Crossing
- Trout River
- Waterford River

Copies of the designated 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 8700
St. John's, Newfoundland
A1B 4J6