



**Use and Limitations of Floodplain Maps**

- Users must note the dates of base mapping, aerial photography, river surveys and issue of mapping relevant to dates of development in the map area. Subsequent developments or changes within the floodplain or channel (natural or constructed) will affect flood levels and render site-specific map information obsolete.
- Floodplain maps are administrative tools which depict minimum flood elevations and floodplain boundaries. Flooding may occur outside of the designated floodplain boundary.
- Floodplain maps do not provide information on site-specific flood hazards such as, land erosion or high water velocity, sudden shifts in the channel of the watercourse, or alluvial and debris flow fan areas.
- Other sources of water, roads, railways or other barriers can restrict water flow and affect local flood levels. As well, obstructions such as ice and debris, flooding in surrounding areas, channel degradation, groundwater or other phenomena can cause flood levels to exceed those indicated on the map. Land adjacent to a floodplain may be subject to flooding from tributary watercourses.
- Floodplain maps do not indicate or locate legal survey boundaries. A site survey is required to reconcile property location, ground elevations, and designated flood level information.
- The accuracy of the location of a floodplain boundary as shown on this map is limited by the base topography. It is generally assumed to be plus or minus one-half the increment of the ground contours.
- Professional assistance and detailed engineering analysis are required to address any of the above considerations.

**MAPPING**

BRITISH COLUMBIA WATER RESOURCES SERVICE FLOODPLAIN MAPPING PROGRAM

Field surveys and map production done by Planning & Surveys Division, Water Investigations Branch, Water Resources Service. Photogrammetric Mapping done by Map Production Division, Surveys & Mapping Branch, Lands Service.

**1) SURVEYS**

- (a) Horizontal Control based on Provincial Network
- (b) Vertical Control based on Geodetic Survey of Canada (1968)

**2) MAPPING**

- (a) Contour interval 1 metre and greater. Spot elevations shown to 0.1 metres with accuracy  $\pm 0.15$  metres.
- (b) Grid origin referred to UTM Projection Zone 10
- (c) Cadastral details approximate only and based on best local information.

**FLOODPLAIN LIMITS**

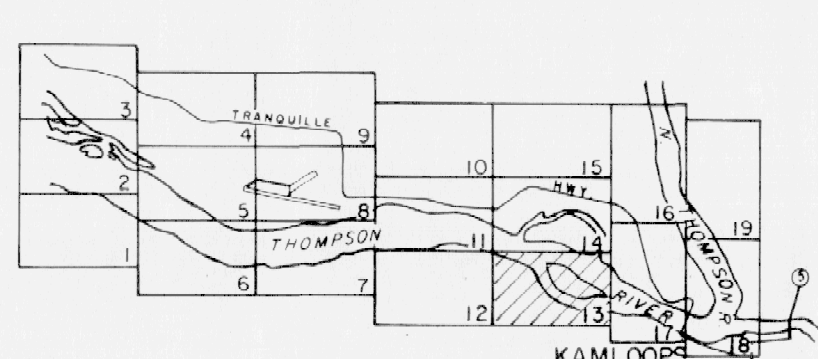
- a) Flood profiles were computed by a standard step method modelling technique.
- b) Floodplain Limits shown assume absence of all dykes.
- c) Floodplain Limits and Flood Levels include 2 ft. (0.61 m) allowance for freeboard.
- d) Position of floodplain boundary not established on ground by legal survey.
- e) See "Flood Control Requirements" \* for minimum distance allowed from building to natural boundaries of water courses and lakes.
- f) Floodplain Limits are not delineated for side streams or tributaries.

\* Correspondence to Municipalities October 30, 1973.

**LEGEND**

- 200 Year Frequency Floodplain Limit
- - - 20 Year Frequency Floodplain Limit
- 351.2 Flood Level 200 Year Frequency Flood in Metres
- 349.6 Flood Level 20 Year Frequency Flood in Metres

**KEY MAP**



ZONE 10  
SCALE: 1:250,000

**REVISIONS**

NO	DESCRIPTION	DATE

ORTHOPHOTO  
MAPPING  
DATE OF PHOTOGRAPHY  
OCT 14, 1974

MAPPING  
INFORMATION  
CHECKED

FLOOD PLAIN  
INFORMATION  
CHECKED

ISSUE OF MAPPING  
DATE JUNE, 1976

BRITISH COLUMBIA  
DEPARTMENT OF ENVIRONMENT  
WATER RESOURCES SERVICE  
WATER INVESTIGATIONS BRANCH

**KAMLOOPS AREA  
FLOOD PLAIN MAPPING**  
THOMPSON AND NORTH THOMPSON RIVERS

RECOMMENDED  
DIVISION CHIEF *J. L. L.*  
APPROVED  
DEPUTY MINISTER *[Signature]*

FILE NUMBER  
0310213-4

SCALE  
1:2500

DWG NO  
5112

SHEET  
13 OF 19