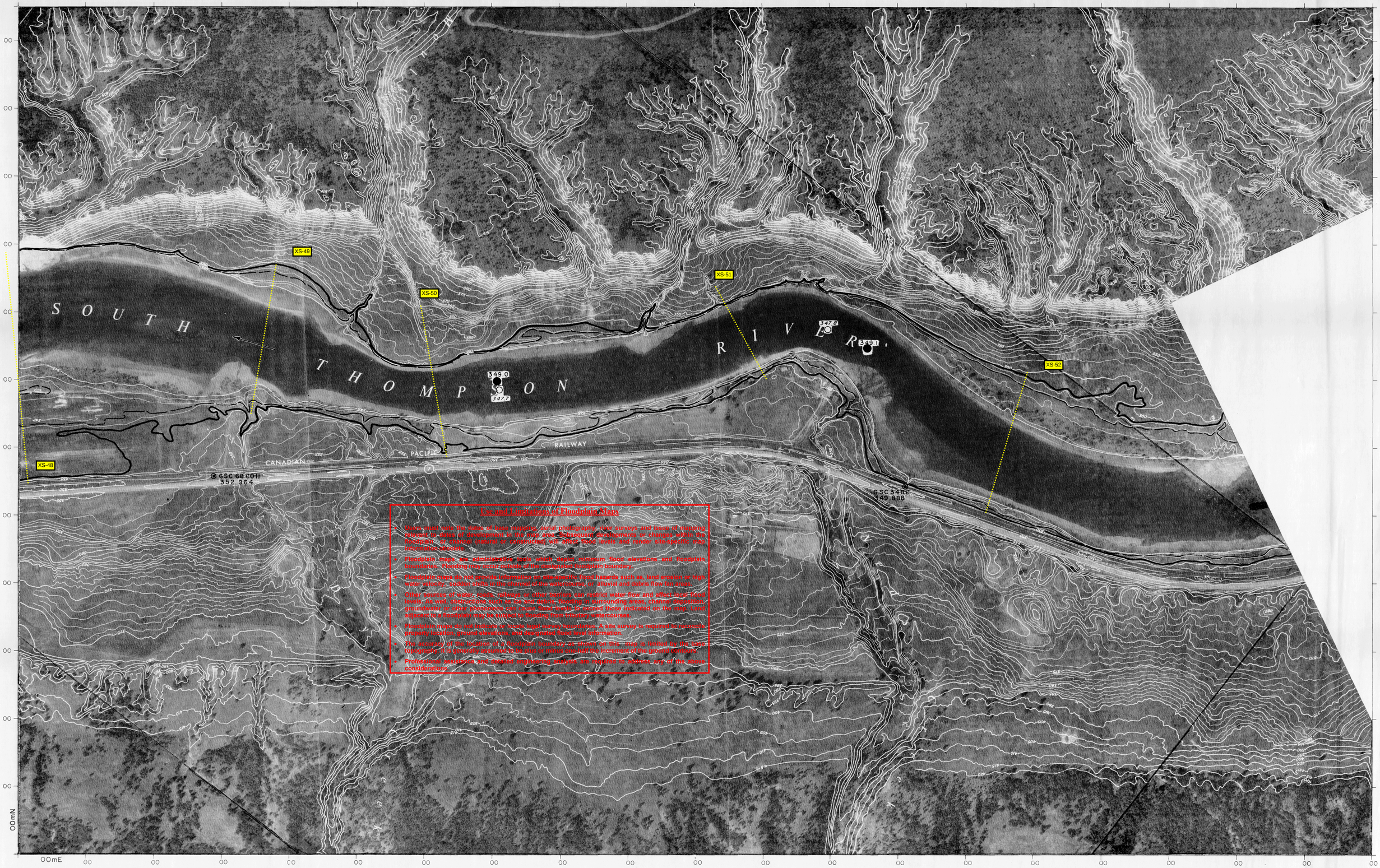


Use and Limitations of Floodplain Maps

- Check areas with the dates of base mapping, aerial photography, river surveys and issue of mapping relevant to dates of development on the area. Subsequent developments or changes within the floodplain or channel (natural or man-made) can affect flood levels and render site-specific data inaccurate or obsolete.
- Floodplain maps are administrative tools which depict maximum flood elevations and floodplain boundaries. Considerable uncertainty exists in determining floodplain boundary.
- Floodplain maps do not generally take account of all potentially 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.
- Dikes, bridges or other works, whether in or near the watercourse, can restrict water flow and affect flood levels as well. Obstructions such as ice and debris, blocking or 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 all areas of known water related hazards. A site survey is required to accurately property location, ground elevations, and incorporate flood level information.
- The accuracy of the locations of floodplain boundaries as shown on this map is limited by the scale, interpretation of the topographic contours on the map or limited knowledge of the ground elevations.
- Professional land development engineering services 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 ± 0.15 metres.
   (b) Grid origin referred to UTM Projection Zone 11
   (c) Cadastral detail approximate only and based on best local information.

FLOODPLAIN LIMITS

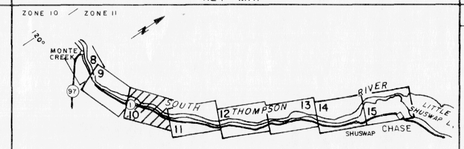
a) Flood profiles were computed by a standard step method modelling technique.
b) Floodplain Limits shown assume absence of all dykes.
c) Floodplain Limits and Flood Levels include 2 ft. (0.61 m) allowance for freeboard.
d) Position of floodplain boundary not established on ground by legal survey.
e) 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



SEE CONTINUATION OF KEY MAP ON SHEET 8

SCALE: 1:250,000

REVISIONS

NO.	DESCRIPTION	DATE
1	MONUMENTS ADDED	JUNE 1988

NOTE:
This information is considered historical as it represents channel conditions and configuration at the time of the survey and flood frequency analysis undertaken. The suitability, accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

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 to CHASE
FLOOD PLAIN MAPPING

SOUTH THOMPSON RIVER

100 50 0 100 200 300 400 500
SCALE IN METRES

RECOMMENDED DIVISION CHIEF: J.L. Watts
APPROVED DEPUTY MINISTER: [signature]

FILE NUMBER 0310213 - 4

SCALE 1:5,000

Copy used to indicate South Thompson River 1973 XS's

5113

SHEET 10 OF 15