



Use and Limitations of Floodplain Maps

- Users must note the dates of base mapping, aerial photography, river surveys and issue of mapping relevant to the 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 show 500 500m 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 deposition, 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.

NOTE:

1. THE FLOODPLAIN LIMITS AS SHOWN ARE WITHIN THE ACCURACY OF THE BASE MAPPING. SITE SPECIFIC GROUND ELEVATIONS SHOULD BE CONFIRMED BY FIELD SURVEY.
2. PROBLEMS RELATED TO MAJOR CHANNEL DISLOCATION, PROPERTY DAMAGE AND DEBRIS JAMMING HAVE BEEN OBSERVED IN THE CHILAKO RIVER FLOODPLAIN.
3. PONDING MAY OCCUR UPSTREAM OF TRANSPORTATION ROUTE EMBANKMENTS DUE TO DEBRIS JAMMING OF BRIDGES OR CULVERTS RESULTING IN THE FLOOD LEVELS SHOWN TO BE EXCEEDED.

NOTE:

AREAS WITHIN THE FLOODPLAIN LIMIT THAT ARE ELEVATED ABOVE THE COMPUTED FLOOD LEVEL ARE SUBJECT TO POSSIBLE FLOODING FROM OVERFLOW OF UPSTREAM RIVER BANKS.

NOTES		FLOODPLAIN DATA		LEGEND		KEY MAP		REVISIONS		ISSUE OF MAPPING		ENVIRONMENT CANADA / ENVIRONNEMENT CANADA		BRITISH COLUMBIA MINISTRY OF ENVIRONMENT / COLOMBIE-BRITANNIQUE MINISTÈRE DE L'ENVIRONNEMENT		CANADA / BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT / L'ACCORD CANADA-COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES D'INONDATION		FILE No. 35100-30/180-0690	
Produced by: British Columbia Water Management Division, Hydrology Branch, Flood Identification Section.		1. The floodplain areas as depicted on this map have been interim designated pursuant to the Canada/British Columbia Floodplain Mapping Agreement (1980) by the Minister of the Environment for Canada and the Minister of Environment, Lands and Parks for British Columbia.		DESIGNATED FLOODPLAIN LIMIT		PRINCE GEORGE		No.		DATE		ENVIRONNEMENT CANADA / ENVIRONNEMENT CANADA		COLOMBIE-BRITANNIQUE MINISTÈRE DE L'ENVIRONNEMENT		L'ACCORD CANADA-COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES D'INONDATION		N.T.S. MAP No. 93G/15	
Survey: River survey done by Water Management Division, Hydrology Branch, Technical Support Section, Project 93 30 F043.		2. The designated flood has a statistical frequency of occurrence of once every 200 years.		FLOOD LEVEL		Chilako River		DESCRIPTION		DRAWN		T.E.		Scale in metres		1 : 5 000		NEGATIVE No.	
Mapping: a) Horizontal control based on provincial network. b) Elevations are in metres and are referred to Sea Level Survey of Canada datum. (© indicates Survey Monument).		3. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions.		200 Year Frequency		Scale 1:250 000		DATE		CHECKED		B.B.		100m 0 100 200 300 400 500m		DRAWING No. REV.		93-1-2	
a) Contour interval 1 metre and greater, with spot elevations shown to 0.1 metres, with a specified accuracy of ± 0.3 metres, except where noted. Contact SRM for further details on base mapping specifications.		4. The floodplain limits assume the absence of all dykes.		20 Year Frequency		Scale 1:250 000		RIVER SURVEY		DESIGNED		S.C.		Scale in metres		SHEET 2 of 3		MASTER	
b) Grid origin referred to U.T.M. Projection Zone 10.		5. The floodplain limits and flood levels include an allowance for freeboard.		(METRES G.S.C. DATUM)		Scale 1:250 000		APPROVED		RECOMMENDED		Rw. n. l. l.		Scale in metres		SHEET 2 of 3		MASTER	
		6. The floodplain limits are not established on the ground by legal survey.																	
		7. The floodplain limits are not delineated for side streams and tributaries.																	
		8. The required setback of buildings from the natural boundaries of lakes and watercourses to allow for the passage of floodwaters and possible bank erosion is not shown. This information is available either through local municipalities or the Ministry of Environment, Lands and Parks.																	
		9. MAPS AVAILABLE FROM																	