

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 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.



SEE SHEET 3

SEE SHEET 5

NOTES		FLOODPLAIN DATA		LEGEND	KEY MAP	REVISIONS		ISSUE OF MAPPING		ENVIRONMENT CANADA INLAND WATERS ENVIRONNEMENT CANADA EAUX INTERIEURES		BRITISH COLUMBIA MINISTRY OF ENVIRONMENT AND PARKS COLOMBIE-BRITANNIQUE MINISTRE DE L'ENVIRONNEMENT ET PARCS		CANADA BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT L'ACCORD CANADA COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES D'INONDATION		FILE No. 35100-30/100-0000P
Produced by: British Columbia Water Management Division Hydrology Branch, Flood Identification Section. Survey: River survey done by Water Management Division, Hydrology Branch, Technical Support Section, Projects 78FDC-4 and 95 03 F 019. Mapping: Base mapping provided by City of Prince George, M40 53, Digital Format, Air Photography dated April 20, 1993. a) Contour Interval 1 metre or greater, with spot elevations to 0.1 metre with 10 specified accuracy of ± 0.3 metres, except where noted. b) Grid origin referred to U.T.M. Projection Zone 10.		1. The floodplain areas as depicted on this map have been designated pursuant to the Canada/British Columbia Floodplain Mapping Agreement (1988) by the Minister of the Environment for Canada and the Minister of Environment, Lands and Parks for British Columbia. Floodplain may still occur outside the designated floodplain areas. The Ministers do not assume any liability by reason of the designation or failure to designate areas on this map. 2. The designated Flood has a statistical frequency of occurrence of once every 200 years. 3. The flood levels were computed using a standard step method modeling technique, assuming open water flow conditions. 4. The floodplain limits assume the absence of all dikes. 5. The floodplain limits and flood levels include an allowance for freeboard and ice jamming. 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.		DESIGNATED FLOODPLAIN LIMIT FLOOD LEVEL (Freeboard included) 200 Year Frequency	SCALE 1:500 000	1	REPLACES DWG 5419-3 DATED SEPTEMBER 1983.	DATE APRIL 97	DATE APRIL 97	DRAWN A.S.	CHECKED R.F.R.	FLOODPLAIN MAPPING FRASER & NECHAKO RIVERS AT PRINCE GEORGE		SCALE 1:50000	NEGATIVE No.	DRAWING No. REV. 1
										DESIGNED R.F.Rodman	RECOMMENDED R.W. Nichols	APPROVED T. J. ...		91-3-4	SHEET 4 of 12	