



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 accuracy of the ground contours.
- Professional assistance and detailed engineering analysis are required to address any of the above considerations.

| NOTES | | FLOODPLAIN DATA | | LEGEND | | KEY MAP | | REVISIONS | | ISSUE OF MAPPING | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | CANADA / BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT | | FILE NO. | |
|--|--|--|--|---|--|----------------------------|--|-----------------------|--|--------------------------|--|---|--|---|--|----------------------|--|
| Produced by: British Columbia Water Management Branch, Special Projects Section, Floodplain Mapping Program. | | 1. The floodplain areas as depicted on this map have been interin designated pursuant to the Canada/British Columbia Floodplain Mapping Agreement (1988) by the Minister of the Environment for Canada and the Minister of Environment for British Columbia. | | DESIGNATED FLOODPLAIN LIMIT | | DISTRICT OF ELK FORD, B.C. | | No. | | DATE: SEPTEMBER 30, 1989 | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | L'ACCORD CANADA-COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES D'INONDATION | | 35-0700-S.1 | |
| Survey: River survey done by Surveys Section, Water Management Branch, August 1975, Project No. 83-117-TC. | | 2. The designated flood has a statistical frequency of occurrence of once every 200 years. | | FLOOD LEVEL (Freeboard included) 200 Year Frequency | | Scale in kilometres | | DESCRIPTION | | DRAWN: T.E. | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | FLOODPLAIN MAPPING | | N.T.S. MAP No. 82J/2 | |
| Mapping: Base mapping done by Map Production Division, Surveys and Resource Mapping Branch, Project No. 83-117-TC. | | 3. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions. | | | | | | DATE | | CHECKED: B.B. | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | ELK RIVER NEAR ELK FORD | | SCALE 1:5 000 | |
| a) Contour interval 2.0 metre and greater; spot elevations shown to 0.1 m with accuracy to ± 0.6 metres, except where noted. | | 4. The floodplain limits assume the absence of all dykes. | | | | | | RIVER SURVEY | | DESIGNED: B.B. | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | Scale in metres | | NEGATIVE No. | |
| b) Grid origin referred to U.T.M. Projection Zone 11. | | 5. The floodplain limits and flood levels include an allowance for freeboard. | | | | | | ENGINEER: R.W. Nichol | | RECOMMENDED: [Signature] | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | 100m 0 100 200 300 400 500m | | DRAWING No. 87-30-3 | |
| | | 6. The floodplain limits are not established on the ground by legal survey. | | | | | | APPROVED: [Signature] | | RECOMMENDED: [Signature] | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | | | SHEET 3 of 7 | |
| | | 7. The floodplain limits are not delineated for side streams and tributaries. | | | | | | | | | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | | | | |
| | | 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. | | | | | | | | | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | | | | |
| | | 9. MAPS AVAILABLE FROM THE MINISTRY OF CROWN LANDS, SURVEYS AND RESOURCE MAPPING BRANCH, MAPS B.C., MAP AND AIR PHOTO SALES, VICTORIA, B.C. | | | | | | | | | | ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT | | | | | |