



BC Extreme Flood Project

Dam Hydrologic Loading Estimation

To assist registrants of Engineers and Geologists British Columbia who conduct dam hydrologic loading estimation projects, the Dam Safety Section initiated and managed the BC Extreme Flood Project. The project reports are available on the BC Ministry of Environment and Climate Change Strategy - Ecological Reports Catalogue (EcoCat):

<https://a100.gov.bc.ca/pub/acat/public/welcome.do>

The project consists of the following regional analysis for all of BC:

- Regional Flood Frequency Analysis (RFFA) – *EcoCat ID 59125*
- Regional Precipitation Frequency Analysis (RPFA) – *EcoCat ID 59231*
- Probable Maximum Precipitation (PMP) – *EcoCat ID 59232*

The BC MetPortal for obtaining point precipitation quantile and probable maximum precipitation estimates across British Columbia is also available at the following:

https://dtn-metportal.shinyapps.io/bc_region/