



INTRODUCTION

This map represents an updated compilation of historical landslides across Canada from 1771-2019, which is updated from the ones published in 2015 and 2018 (Blais-Stevens et al. 2015, 2018). The first iteration in 2015 was compiled by a need to update the Canada landslides disasters map (Evans, 1994). A landslide disaster was defined as three or more fatalities per landslide event. However, since the compilation by Blais-Stevens et al. (2015), all incidents with at least one fatality are included. Along with the map is a table listing the events with coordinates and a brief description. Since the last publication in 2015, more events took place this year. Moreover, colleagues provided information on past events that were missing or made corrections to listed events. In some cases, only a general location was documented for a specific landslide event, therefore coordinates are approximate and identified as such in the table with asterisks. Overall, it was considered that the event took place in a specific region as landslides events that have caused fatalities that, in turn, caused fatalities. The landslide information comes from technical reports, scientific and newspaper articles or provincial government websites as well as from requests to colleagues who generously gave their time and knowledge. The identified events are often short and technical, therefore, interpretations and generalizations were made to make the information more accessible to a wider audience. The events were plotted within Canada's physiographic regions (Bostock, 2014) overlain on a bathymetric derived from a digital elevation model. A summary of historical fatal landslide events per province is also compiled (Figure 1). This open file has been created in a user-friendly format to allow for easy access to the information. It is intended to be used as a reference tool for researchers and the public alike. Please communicate any omission, error or discrepancy to the Geological Survey of Canada.

EVENT #	DATE	LOCATION	PROV/TER/REG/PHYSIOGRAPHIC REGION	FATALITIES	COMMENTS
1	1771/02/29	Fraser on Montserrat	BC	26	Landslide swept away a house and a barn.
2	1804	Portland	BC	44	Rockfall killed 44 people.
3	1824/05/02	Fraser on Montserrat	BC	26	Landslide swept away a house and a barn.
4	1840/05/12	Fraser on Montserrat	BC	26	Landslide swept away a house and a barn.
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