

2023

Data From: The Geography of Glaciers and Perennial Snowfields in the American West

Andrew G. Fountain
Portland State University, andrew@pdx.edu

Bryce Glenn
Portland State University

Hassan J. Basagic
Portland State University, basagic@pdx.edu

Follow this and additional works at: https://pdxscholar.library.pdx.edu/geology_data



Part of the [Environmental Monitoring Commons](#), [Geology Commons](#), and the [Glaciology Commons](#)

Let us know how access to this document benefits you.

Recommended Citation

Fountain, Andrew G.; Glenn, Bryce; and Basagic, Hassan J., "Data From: The Geography of Glaciers and Perennial Snowfields in the American West" (2023). Geology Faculty Datasets. 4. <https://doi.org/10.15760/geology-data.04>

This Dataset is brought to you for free and open access. It has been accepted for inclusion in Geology Faculty Datasets by an authorized administrator of PDXScholar. Please contact us if we can make this document more accessible: pdxscholar@pdx.edu.

This directory contains the glacier outlines used for Fountain et al. (2017), *The geography of glaciers and perennial snowfields in the American West*.

Outlines are in two formats, ESRI's shapefile format (.shp) and the open source Geojson format. Outlines are project in USA_Contiguous_Albers_Equal_Area_Conic_USGS_version coordinate system.

The provide outlines include all glacier and perennial snowfields $\geq 0.01 \text{ km}^2$. Outlines were extracted from the U.S. Geological Survey's 1:24000 topographic maps. For details of extraction see Fountain et al. (2007).

Fountain, A. G., Hoffman, M. J., Jackson, K., Basagic, H. J., Nylén, T. H., & Percy, D. (2007). *Digital outlines and the topography of the Glaciers of the American West* (Open File Report No. 2006–1340; p. 23). US Geological Survey. <https://doi.org/10.3133/ofr20061340>