

Supporting information for ''Polyphase mid-latitude glaciation on Mars: chronology of the formation of superposed glacier-like forms from crater-count dating''

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Contained within this folder are shapefiles, and data tables derived from Hepburn et al 20XX

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SGLF\_global.shp

ESRI standard shapefile format

The boundaries for all 320 superposed glacier-like forms (SGLFs) described in this study, all projected to the Mars2000 equicylindrical projection system.

The field 'Sinu\_area' lists the area (km<sup>2</sup>) of each SGLF derived from a sinusoidal projection system of these polygons.

The field 'Glob\_ID' refers to each unique SGLF idea, as listed in table1.xlsx (this repository).

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Craters.shp

ESRI standard shapefile

The diameter of all craters mapped in this study, on both SGLFs and their underlying VFFs. Projection system is 'SimpleCylindrical\_Mars'

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Data\_file\_S1.xlsx

Excel file listing the inventory of SGLFs and their morphometric characteristics

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Data\_File\_S2.xlsx

Excel file listing the counting area and crater counts in different crater diameter bins on each SGLF aggregate (Sheet 1) and its underlying VFF (Sheet 2).