

Reference year (ca.)	Reference	Original data	Derived data
1901	Freudiger et al. (2018)	Glacier outlines <sup>a</sup>	Total glacier area Glacier area per elevation band <sup>c</sup>
1973 and 2010	Matthias Huss (unpublished data)	Gridded ice thickness data <sup>b</sup>	Total glacier area Glacier area per elevation band <sup>c</sup> Total glacier volume Mean thickness per elevation band <sup>c</sup>

<sup>a</sup> Digitization from historical topographic maps (“Siegfriedkarte”) provided by Swisstopo. <sup>b</sup> Computed ice thickness based on the approach by Huss and Farinotti (2012) using glacier outline inventories from Maisch et al. (2000), originally Müller et al. (1976), and from Fischer et al. (2014). <sup>c</sup> All GIS analyses based on the same digital elevation model (25 m × 25 m) for recent conditions.