



Supplement of

Brief communication: Mass balance of glaciers in the Eastern Hindu Kush from 1979 to 2002 using KH-9 panoramic and SPOT-5 stereo imagery

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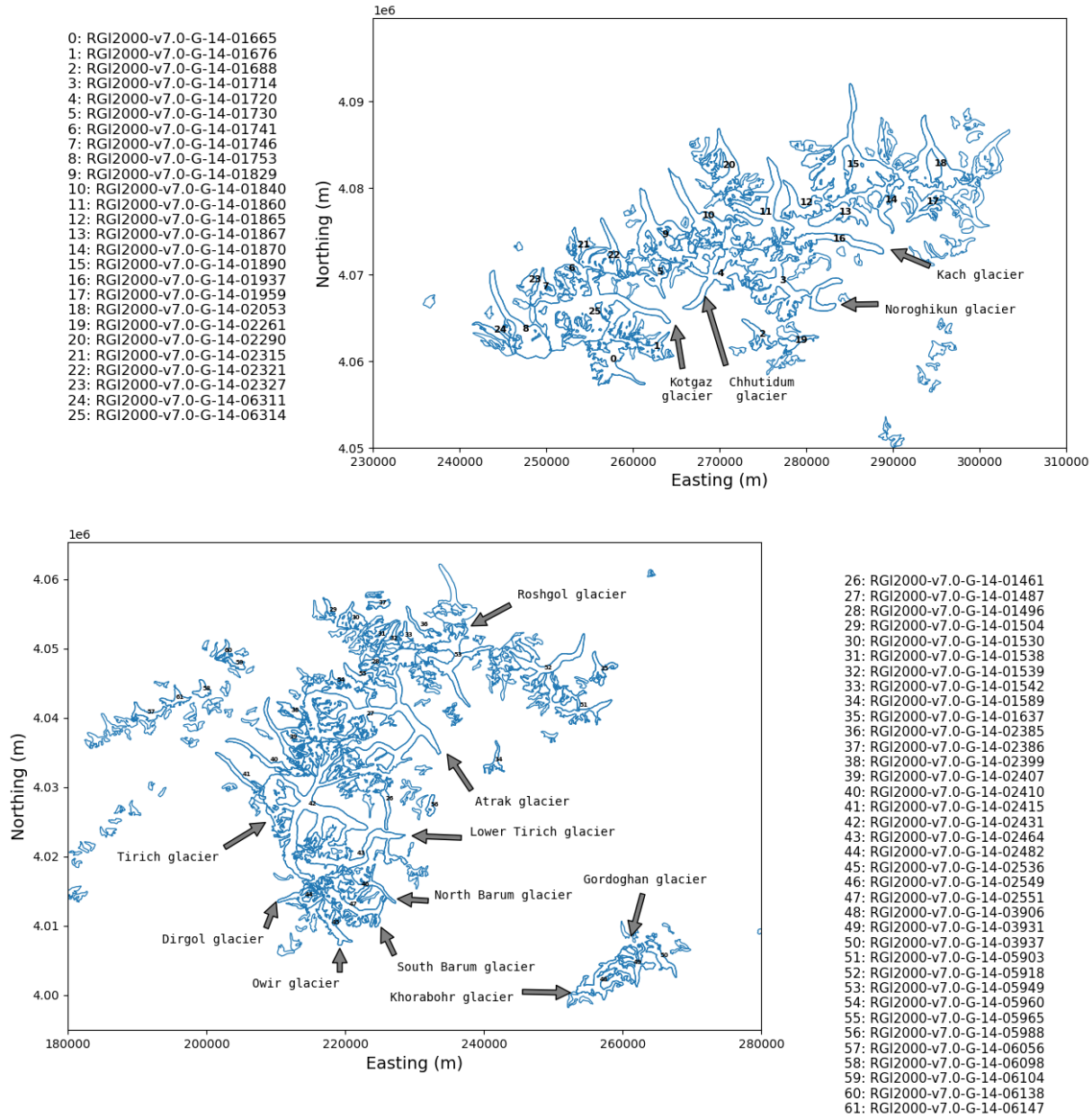


Figure S1: Map of glaciers with prominent names. The glacier ids are shown here to assist the reader in identifying glaciers mentioned in the main article. The total number of glaciers in the current study is 265.

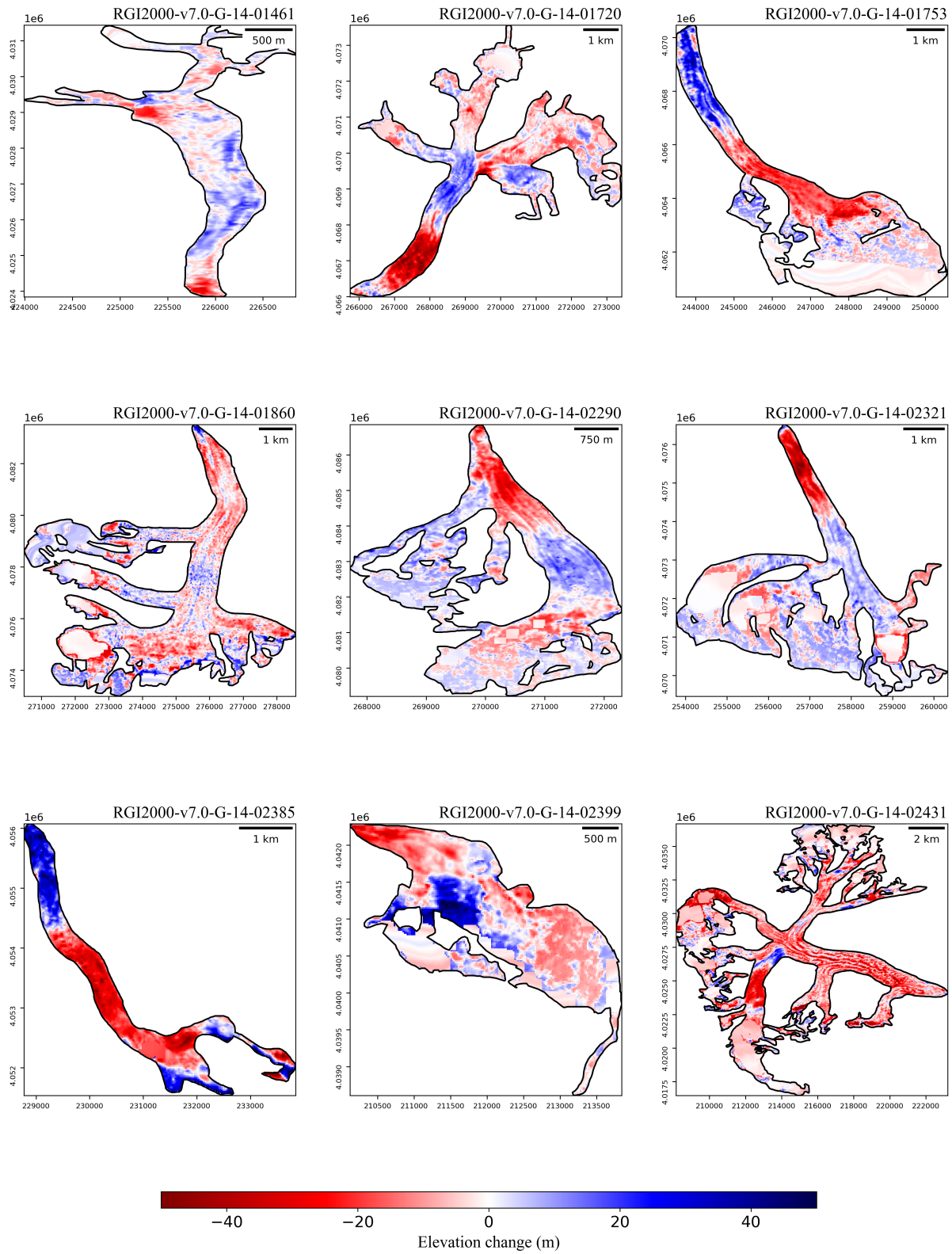


Figure S2: The figure shows elevation change of nine surging glaciers in Hindu Kush during 1979-2002. The figure does not include Noroghikun glacier which has also been classified as a possible surging glacier in previous study.

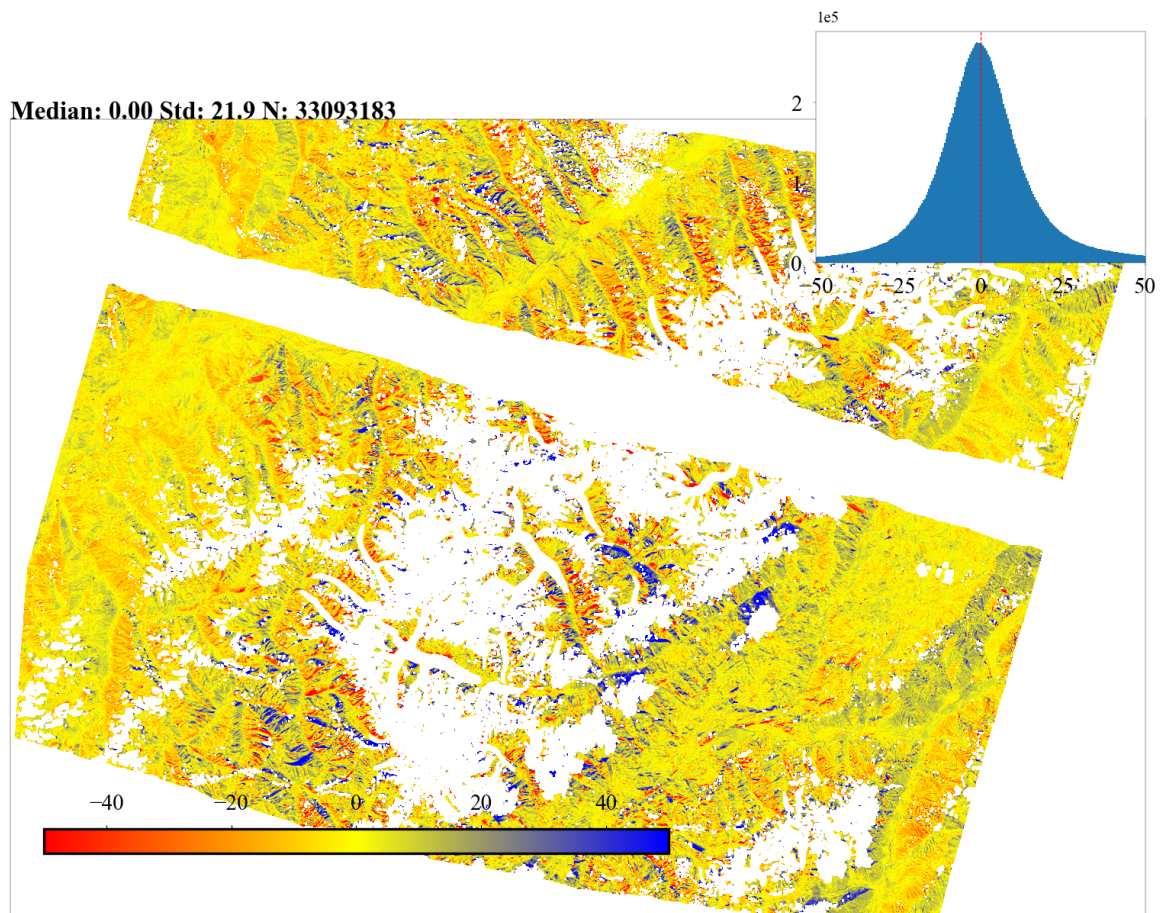


Figure S3: The figure shows elevation changes at the off-glacier terrain and the derived statistics.

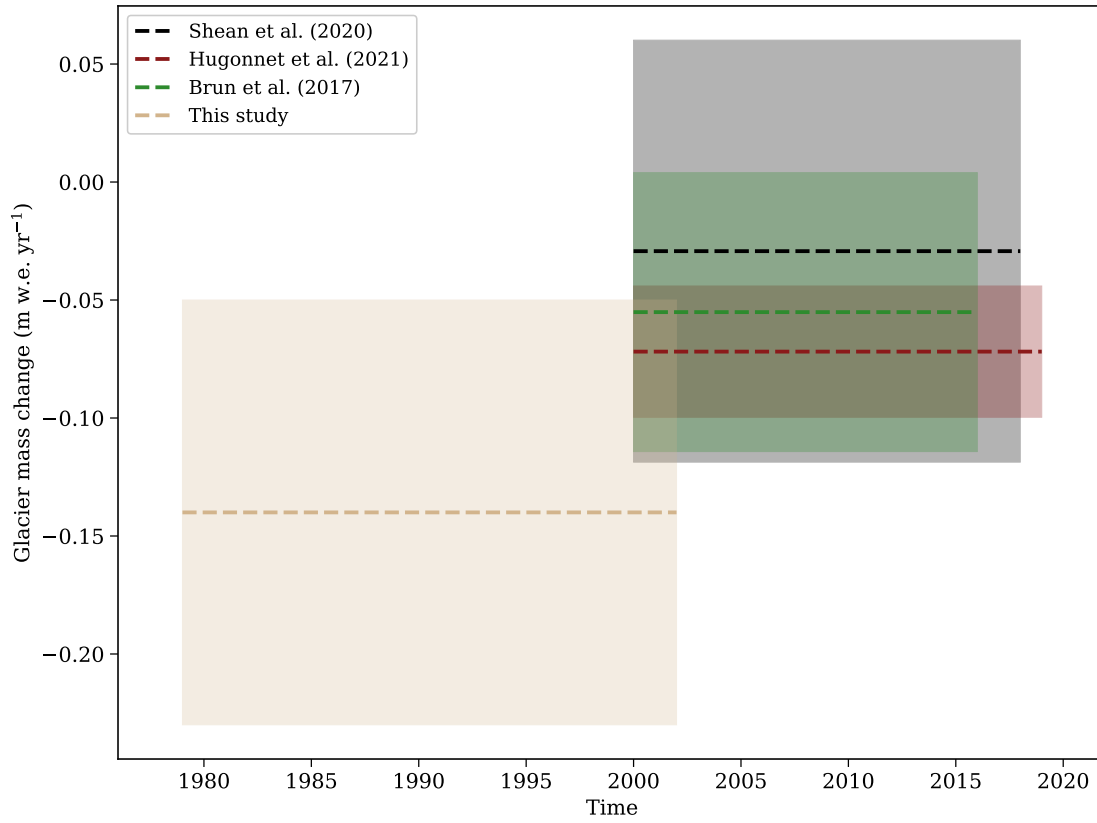


Figure S4: Comparison of the obtained mass loss with post-2000 results. The elevation change grids of these studies were used to compute the mass balance of glaciers studied in this work. The uncertainty in the mass balance was estimated using the method described in Data and Methods section.

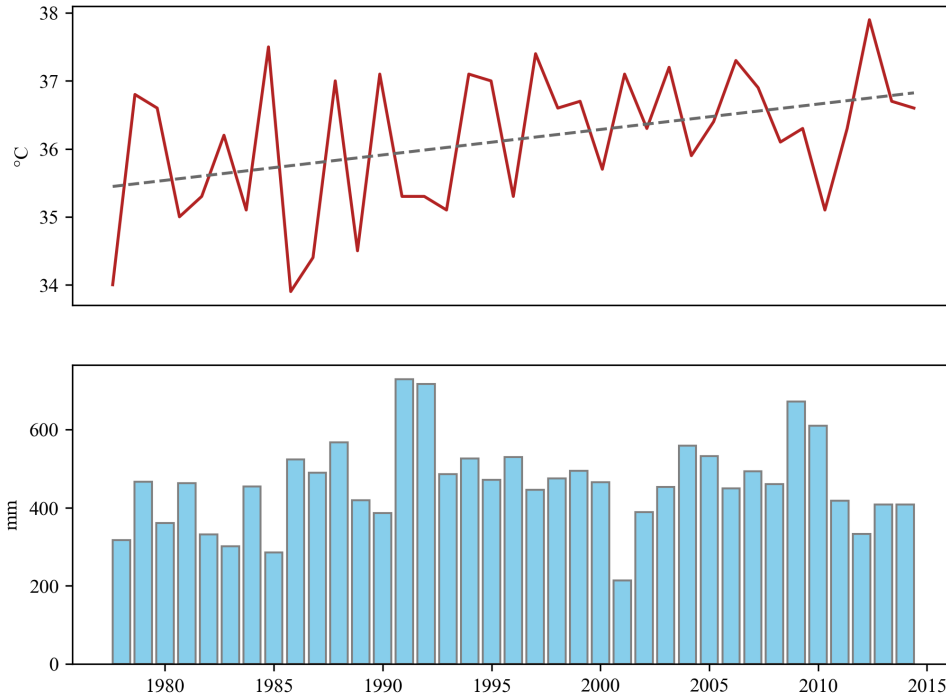


Figure S5: Temperature (top) and precipitation (bottom) acquired from the meteorological station in Chitral situated at lat, lon: 35.85, 71.83 and altitude of 1498 m.