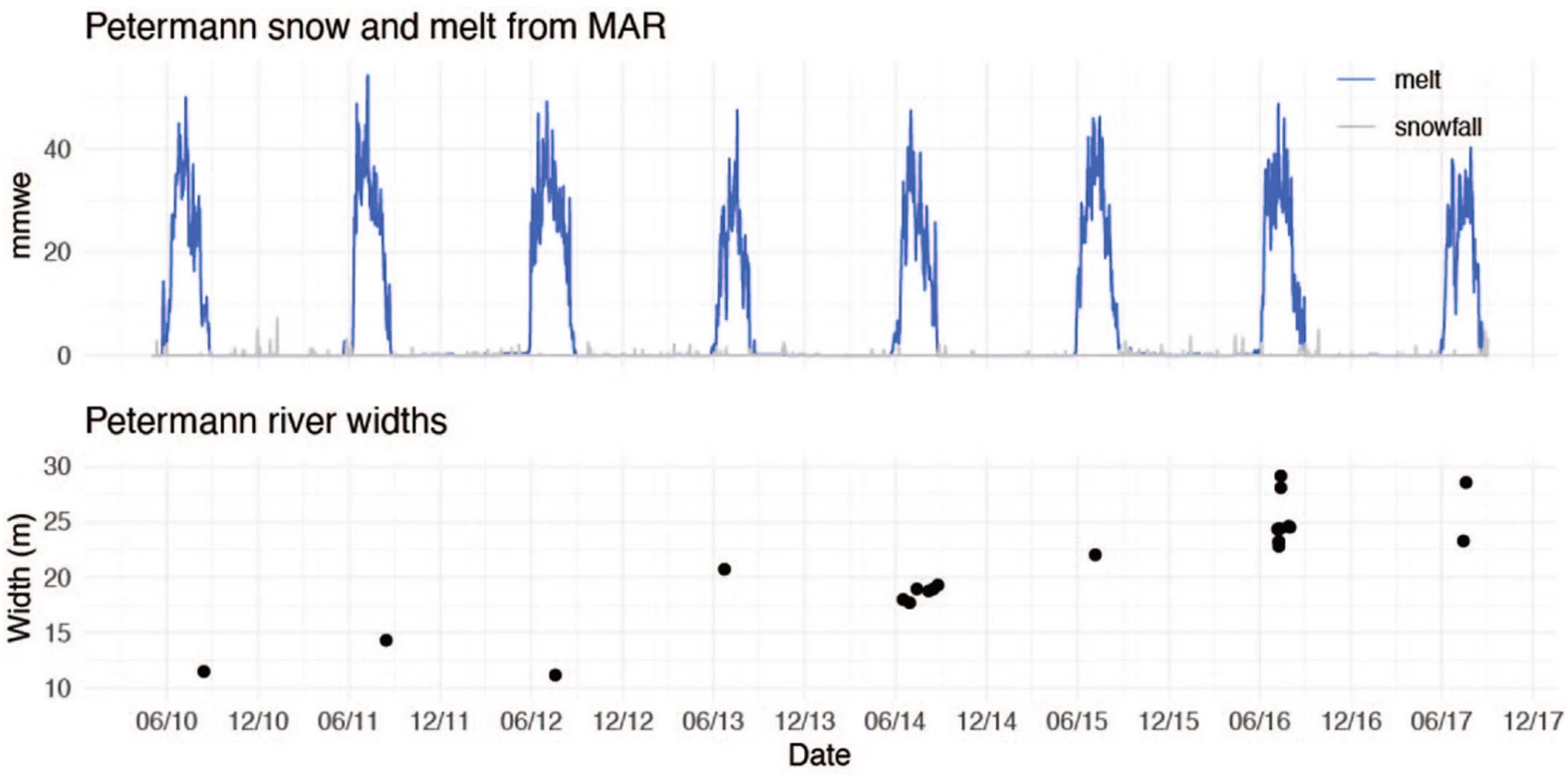
Extended Data Fig. 2: Modelled melt and snowfall on Petermann Ice Shelf.

From: Development of ice-shelf estuaries promotes fractures and calving



Top: MAR simulation of daily surface melt (blue) and snowfall (gray) averaged across the Petermann Ice Shelf from 2010 to 2017. Melt and snowfall are reported in millimeters water equivalent (mmwe), which is used to represent snow or ice mass in terms of its equivalent water volume. Bottom: estuary wetted widths measured at 25 m from calving front as in Extended Data Fig. 3 from 2010 to 2017. This demonstrates the lack of correlation between estuary widening and surface runoff.

Back to article page >