

Interactive comment on “Rapid decline of Arctic sea ice volume: Causes and consequences” by Jean-Claude Gascard et al.

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Today (Tuesday January 22, 2019) on the first page of the New York Times international edition and under "Signs of future thirst", we can read "the world's roughly 150 000 glaciers, not including the large ice sheets of Greenland and Antarctica, cover about 200 000 square miles of the earth's surface. Over the last four decades they've lost the equivalent of a layer of ice 70 feet thick". Translated in metric units this is equivalent to a loss of about 23m of ice over half a million km² or 11500 km³ of ice loss. This is precisely the same amount of Arctic sea ice loss based on PIOMAS estimations for the same time period (the past 40 years).

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-2>, 2019.