

Interactive comment on “Long-term contributions of Baffin and Bylot Island Glaciers to sea level rise: an integrated approach using airborne and satellite laser altimetry, stereoscopic imagery and satellite gravimetry” by A. S. Gardner et al.

A. S. Gardner et al.

alexsg@umich.edu

Received and published: 21 August 2012

Dear Neil Glasser,

Thank you for taking the time to read our manuscript and for providing us with feedback. We are very familiar with your work of reconstructing glacier changes of the Patagonia Icefields. The reason that we did not cite you and others when referencing glacier mass change in Patagonia is that our objective was to simply provide some context for our measured rates of recent (2003-2011) mass loss for Baffin and Bylot Island

C1224

glaciers. We chose to only reference the Ivins et al. (2011) study as they provide the most recent Patagonia glacier mass loss estimate with similar temporal overlap. The additional suggested citations do not provide mass loss estimates with the same temporal overlap and therefore cannot be directly compared with our estimate of most recent mass loss. Following the suggestion of Reviewer 2 we removed the comparison with Patagonia glacier loss.

Sincerely, Alex Gardner and coauthors

Interactive comment on The Cryosphere Discuss., 6, 1563, 2012.

C1225