



Fig. 38.2. Jeremiah.

Sophie's Planet #29: Chapters 38 (Tipping Point) & 39 (The Freshwater Experiment)

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Drafts of Chapters 38 and 39 of Sophie's Planet are available [here](#) for fact checking.

Heroine butterfly and traumatized amphibian need our understanding.

You can sign up for our monthly global temperature updates [here](#).

You can sign up for my other Communications [here](#).

I'm on Twitter @DrJamesEHansen, (<https://twitter.com/drjamesehansen>), but focused on book.

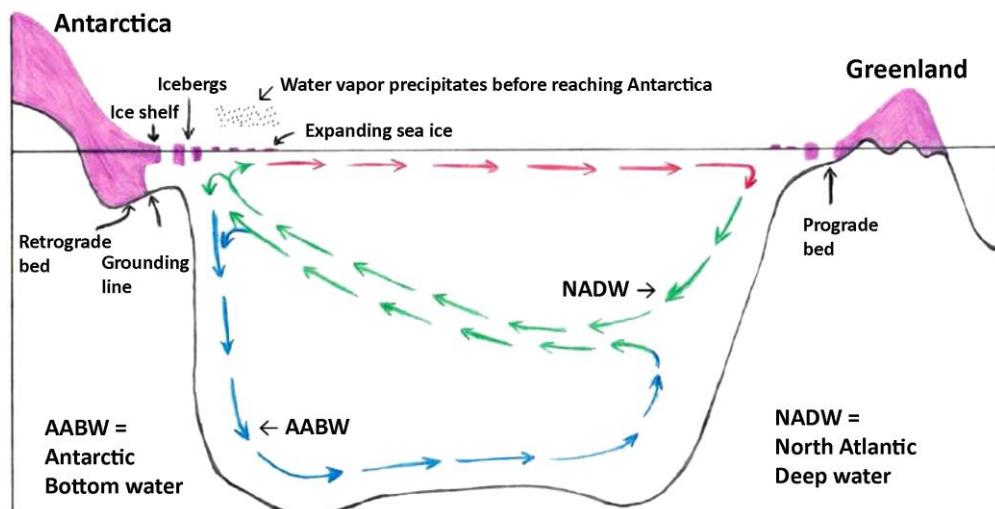


Fig. 39.2. Schematic diagram of the surface origin of two water masses that fill most of the world ocean: North Atlantic Deep Water (NADW) and Antarctic Bottom Water (AABW).