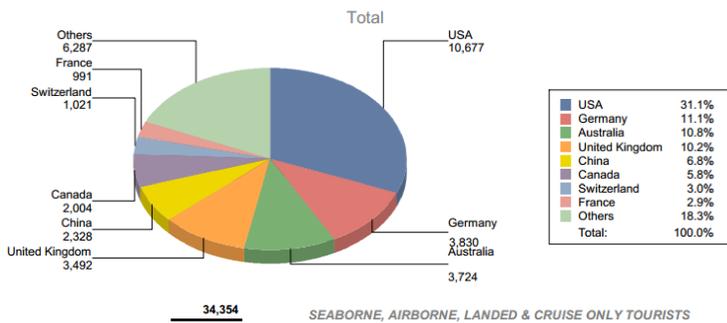


Background

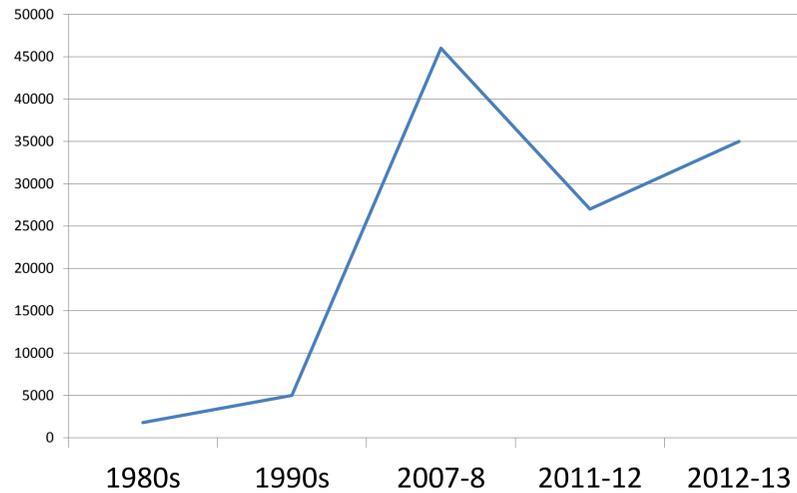
- Rules by the International Maritime organization to limit use of heavy fuel oil and by Antarctic Treaty committee to limit ship size and require insurance lack support. U.S. has not signed.
- **Could more tourists provide more support for protection? (or just destroy more...)**

Tourist Origins

2012-2013 TOURISTS BY NATIONALITY



Visitor Numbers



- 1980's fewer than 2000 per year
- By 2007-8 increase to 46,000.
- Decline during recession to 27,000 in 2011-12
- Now increase again – 35,000 2012-13.

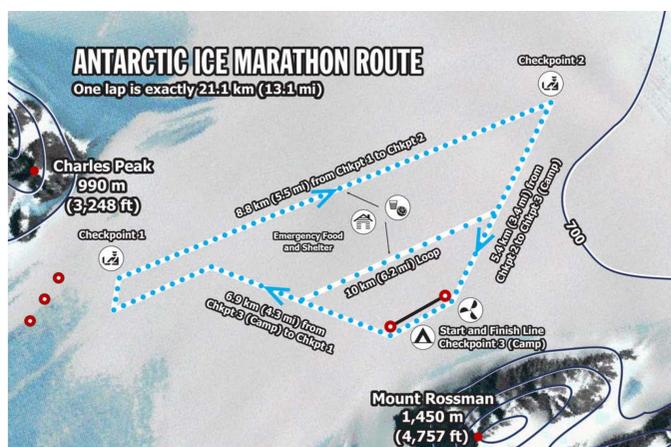


Visitor Types

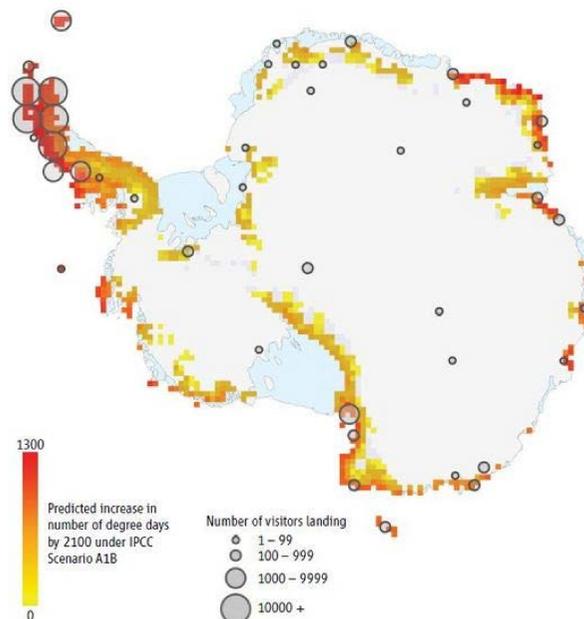
- In 1990s mostly middle aged or older cruisers who went onshore in a few places to see wildlife and historic sites.
- Now younger, paragliders, skiers, water skiers, divers, hang-gliders, sky divers, etc...



Tourists and Temperatures



Port Lockroy is visited by approximately 18,000 ship-borne visitors amounting to two ship visits per day. The base is also home to the only gift shop in the continent



Climate change deniers?



Selected Sources:
Sources include: R. Lemelin, J. Dawson and E. Steart 2012. Last Chance Tourism: Adapting Tourism Opportunities in a Changing World. Routledge
M. Hall and J. Saarinen 2010. Tourism and Change in Polar Regions. Routledge.
E. Eljajaar, C. Thaper and Paul peeters. 2010. "Antarctic cruise tourism: the paradoxes of ambassadorship, "last chance tourism" and greenhouse gas emissions. Journal of Sustainable Tourism Vol18 #3, 337-354.
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C.M. Hall, B. Amelung et al 2015. "On climate change skepticism and denial in tourism" Journal of Sustainable Tourism Vol23, 1. 4-25.
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