# Exploring the Antarctic Peninsula

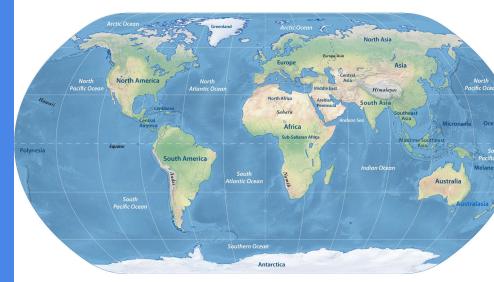
Rick Arellano September 20, 2023 1-The size of the U.S and Mexico combined.

- 2-The fifth largest continent
- 3-Discovered in 1820

4-Almost 98% of the continent is covered by ice, on average 1 mile thick

5-A polar desert; avg precipitation (3")

6-No country owns the Antarctica.





- 1. The roughest sea in the world
- 2. Wildlife
- 3. Glaciers and icebergs
- 4. Seasons and weather
- 5. Human inhabitants



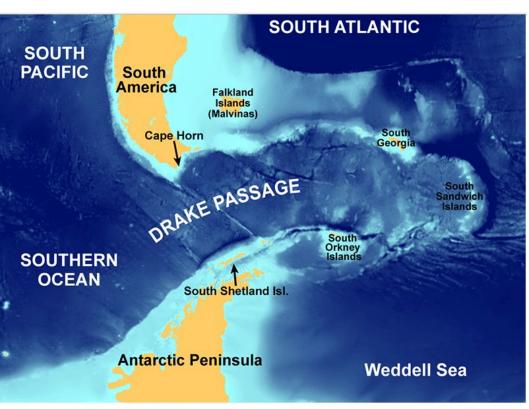


-The Drake Passage, a 600-mile stretch of ocean, is considered the roughest sea in the world.

-Currents meet no resistance from any landmass.

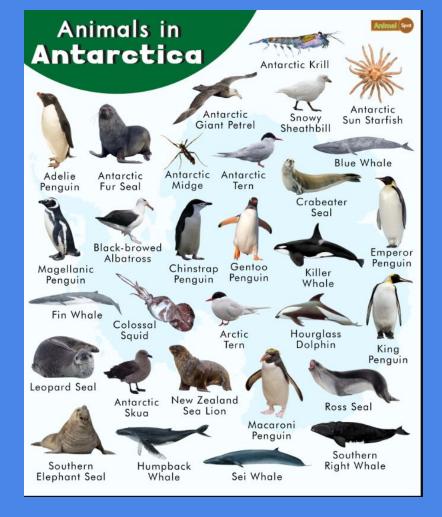
-Propensity for strong winds.

-Waves top 40 feet

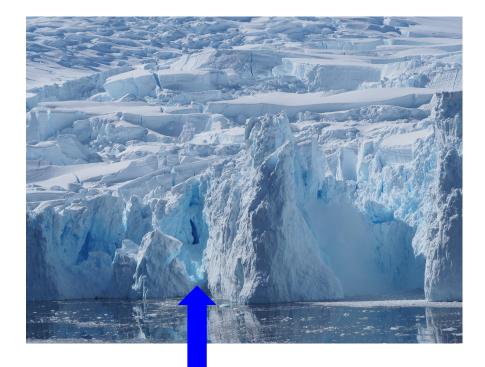


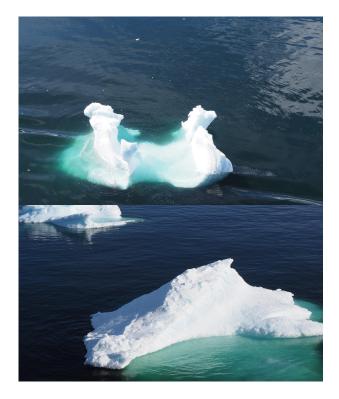
Drake Passage connects the Pacific and Atlantic Oceans. It is about 800km wide, between Cape Horn and the South Shetland Islands off the Antarctic Peninsula. www.euroargo-edu.org



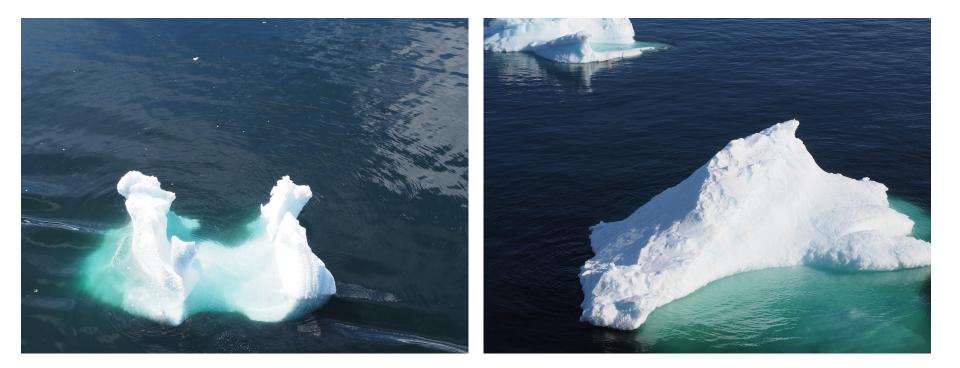




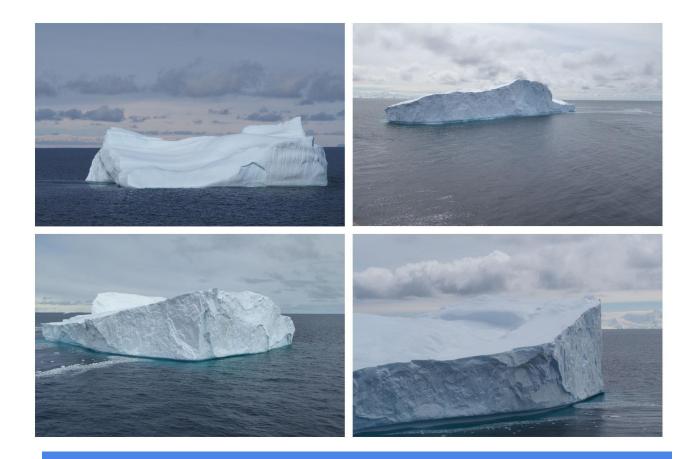




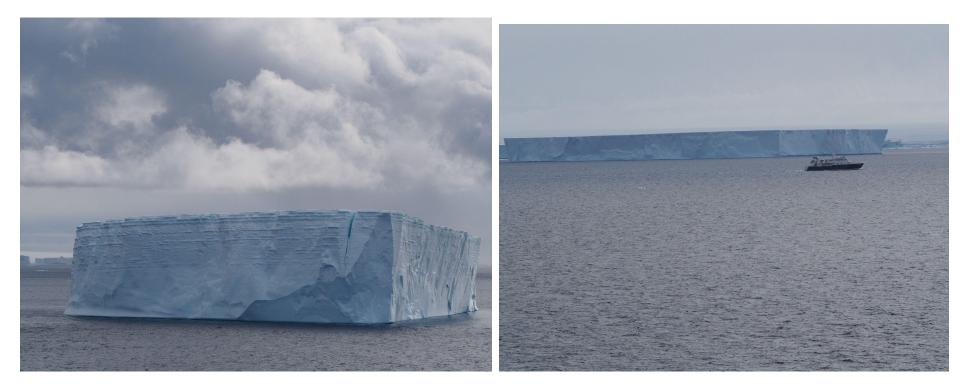
An iceberg is a large piece of freshwater ice that has broken off a glacier



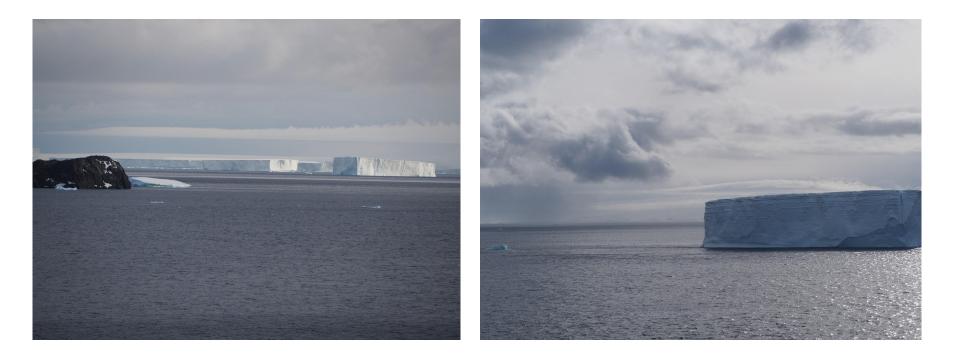
The icebergs' unique features are created by harsh winds, strong currents and trapped air bubbles



Icebergs are like fingerprints—each one is unique



## 90% of an iceberg is hidden



### The tabular icebergs are perfectly rectangular.



#### Most icebergs are blue, but eventually turn white.

#### Lemaire Channel

-Mountains on both sides of the ship

-Unique glaciers and icebergs

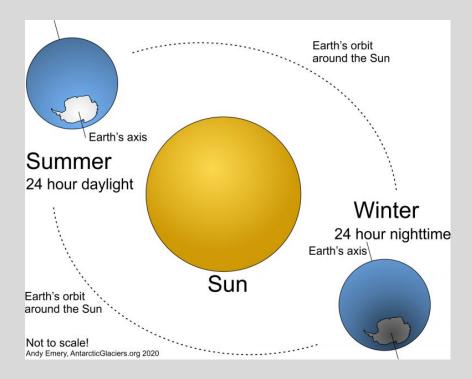
-There is no noise here

-One loses all sense of time





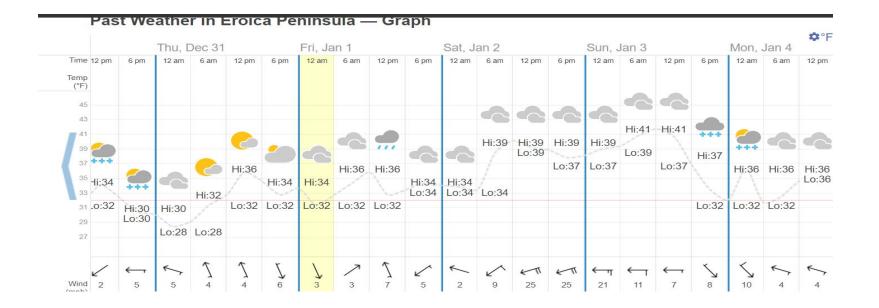




The Earth is a globe that spins around an axis. That axis is tilted. Because it is tilted, Antarctica and the south pole point towards the sun in summer and away from the sun in winter.



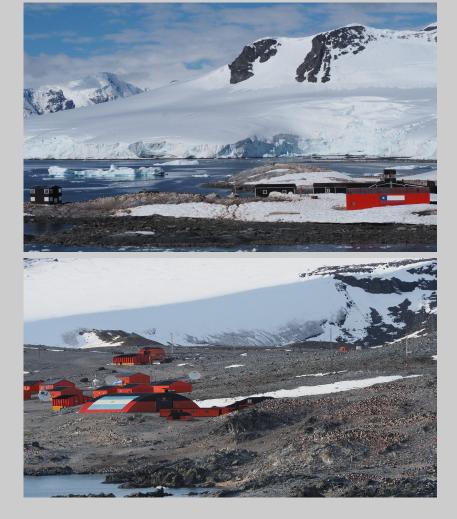




Summer (Nov-March) temperatures along the coast: 32°F to 48 F Winter (Apr-Oct) temperatures along the coast: 14° F to -22° F









#### Conclusion

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- 2. Wildlife
- 3. Glaciers and icebergs
- 4. Seasons and weather
- 5. Human inhabitants

Thank you for your interest and attention