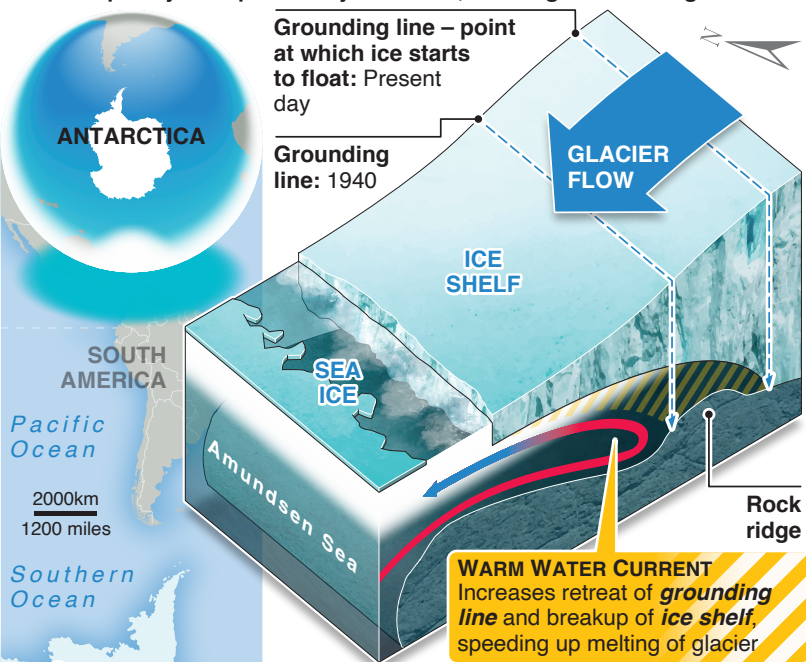


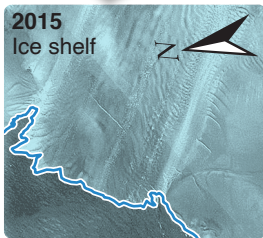
# Critical Antarctic ice shelf breaking apart

Pine Island Glacier is increasingly vulnerable as a large, floating ice shelf that stops it from collapsing into the sea is breaking up more quickly than previously observed, creating vast icebergs



## Pine Island Glacier:

Contains **160 trillion tonnes** of ice – equal to **50cm** of global sea level rise. Responsible for **25%** of Antarctic ice loss



## EFFECTS OF 50CM SEA LEVEL RISE

Severe high tides, storm surges and chronic flooding in low-lying coastal areas, damaging coastal communities and tourism. Salt water driven further inland, contaminating drinking water and crippling freshwater ecosystems. Entire populations could be displaced