

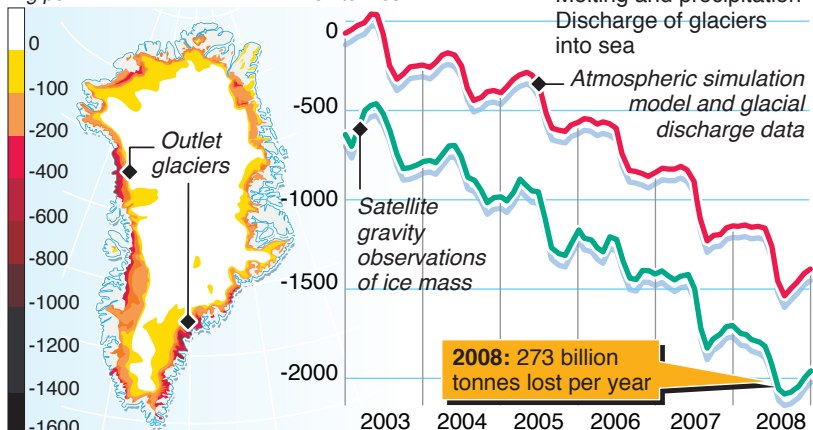
# Greenland ice cap melting faster than ever

Satellite observations and a state of the art regional atmospheric model have both confirmed that the rate at which the Greenland ice sheet is melting is accelerating. Since 2000, the ice sheet has lost about 1,500 billion tonnes, representing a global sea level rise of about 5mm

**ICE LOSS**  
kg per m<sup>2</sup>

**CUMULATIVE CHANGE**  
Billion tonnes

**Two main processes:**  
Melting and precipitation  
Discharge of glaciers  
into sea

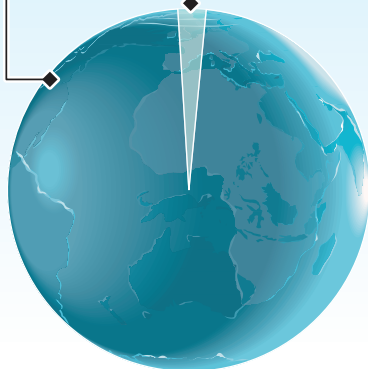


## GLACIERS AND GLOBAL WATER

Oceans **97.5%**

Freshwater **2.5%**  
of which:  
Glaciers,  
ice caps  
**68.7%**

Greenland's ice sheet  
contains enough water  
to cause a global sea  
level rise of 7m



Groundwater **30.1%**

Permafrost **0.8%**

Surface/  
atmospheric water  
**0.4%**

