# GLACIAL MELTING AROUND THE WORLD

FACTS YOU SHOULD KNOW



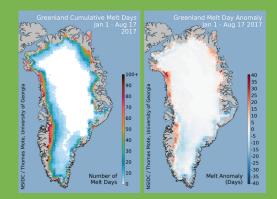
### **IRREVERSIBLE MELTING**

According to research, Antartica is at it's tipping point where the acceleration of glacacial melting will become irreversible even if global heating decreases

### MELTING IN GREENLAND

"HELP ME.. I'M MELTING"

Beginning on July 16, a broader area of northern Greenland began to melt, spreading and persisting until August 3.



# GRACE Observations of Antarctic Ice Mass Changes Average Mass Loss: 125 Gigatons/year 1878 — 2002 2004 2006 2008 2018 2019 2019 08-2016 Antarctic Ice Loss Antarctic Ice Loss Antarctic Ice Loss Antarctic Ice Loss

# ANTARCTICA IS LOSING ICE 6X FASTER THAN 40 YEARS AGO

Earth's Polar Regions -- where Antarctica is located -- are experiencing the highest positive temperature anomalies in the planet, and the excess heat is causing ice and snow to melt much faster than before, according to a new study. Between 1979 and 2017, ice melt over the continent is occurring six times faster than 40 years ago. Scientists have also calculated that the melting of Antarctic ice has increased sea level rise 1.3 centimetres globally over that period of time.

## BYE BYE FLORIDA

Together, Greenland and
Antarctica hold more than 99% of
the world's fresh water in their ice
sheets, according to the National
Snow and Ice Data Center. If both
were to melt entirely, the state of
Florida would disappear.



## STAND UP AND GET INVOLVED

WHAT YOU CAN DO TO HELP

Drive as little as possiible Save power at home Install solar panels

