



# THWAITES GLACIER

## The World's Deadliest Glacier

- **Thwaites Glacier in West Antarctica covers 182,000 square km (about the size of Florida) and is described as 'world's most dangerous' glacier**
- **Holds enough ice to raise the world ocean a little over 2 feet (65 centimeters) and backstops neighboring glaciers that would raise sea levels an additional 8 feet (2.4 meters) if all ice were lost**
- **A gigantic cavity two-thirds the area of Manhattan and almost 1,000 feet (300 meters) tall has been found growing at the bottom of Thwaites Glacier in West Antarctica.**
- **"The size of a cavity under a glacier plays an important role in melting," said the study's lead author, Pietro Milillo of JPL. "As more heat and water get under the glacier, it melts faster."**

Source: <https://www.jpl.nasa.gov/news/news.php?feature=7322>