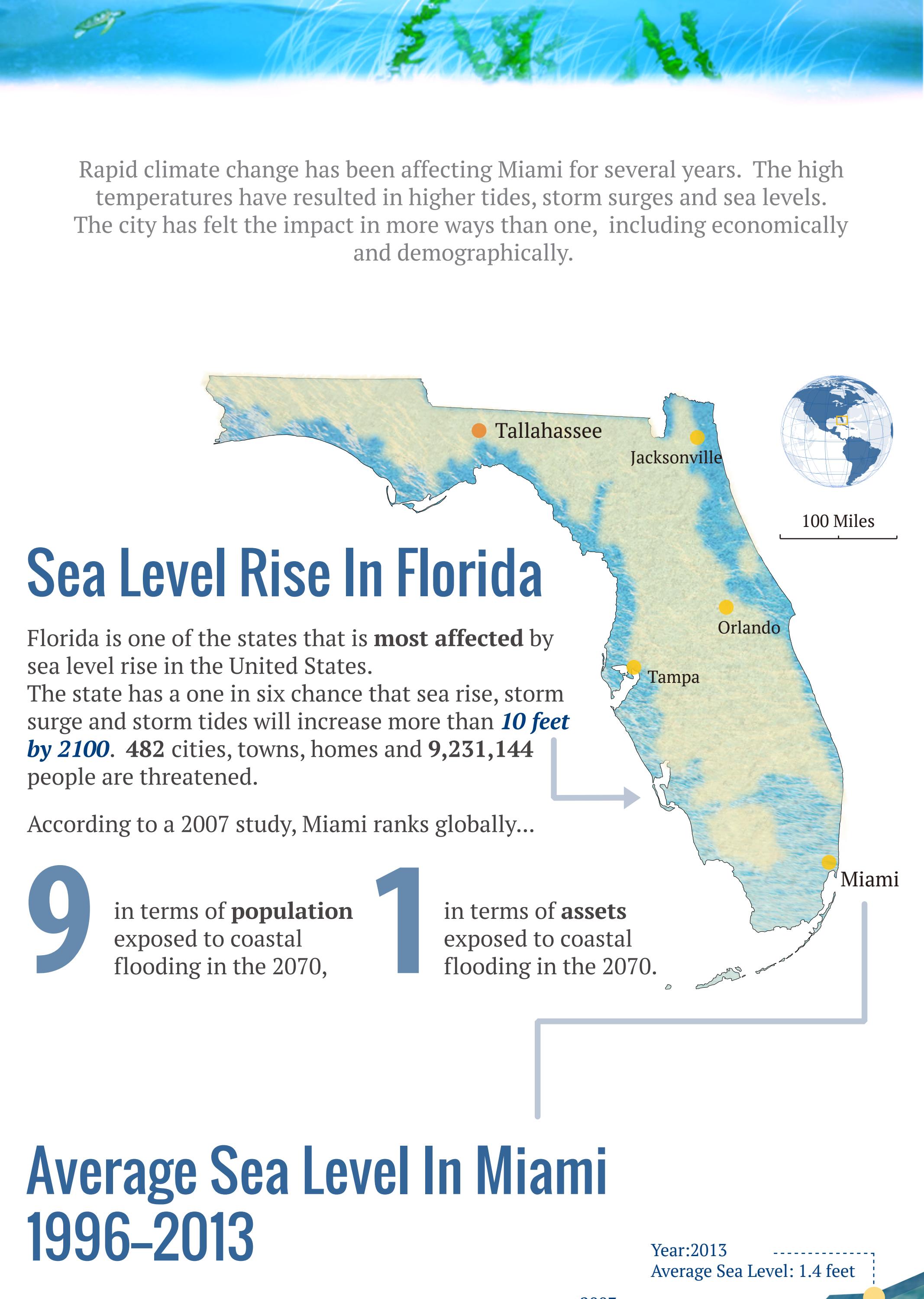


MIAMI UNDERWATER

- A Study Of Sea Level Rise In Miami



Rapid climate change has been affecting Miami for several years. The high temperatures have resulted in higher tides, storm surges and sea levels. The city has felt the impact in more ways than one, including economically and demographically.

Sea Level Rise In Florida

Florida is one of the states that is **most affected** by sea level rise in the United States. The state has a one in six chance that sea rise, storm surge and storm tides will increase more than **10 feet** **by 2100**. 482 cities, towns, homes and 9,231,144 people are threatened.

According to a 2007 study, Miami ranks globally...

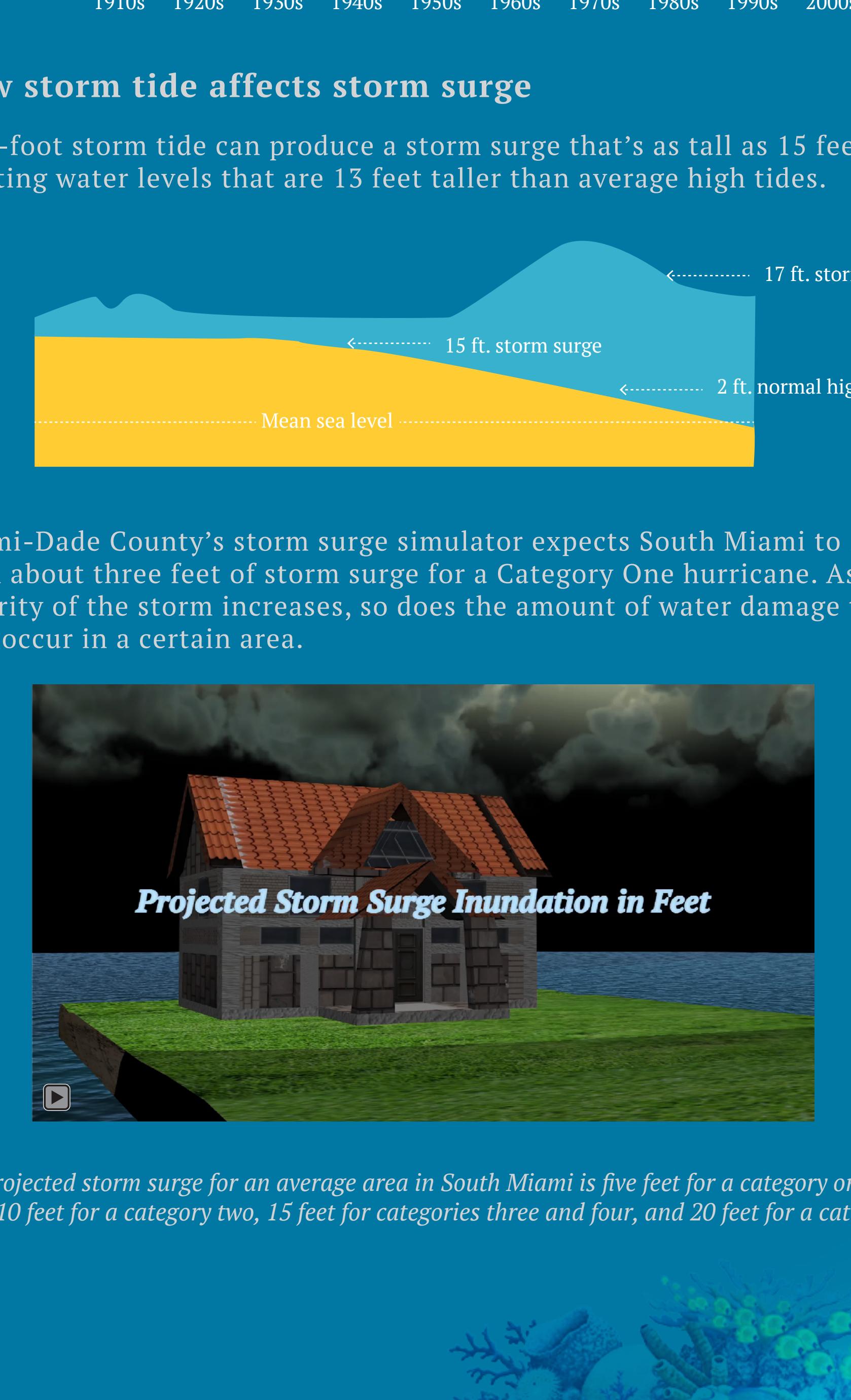


Average Sea Level In Miami 1996–2013

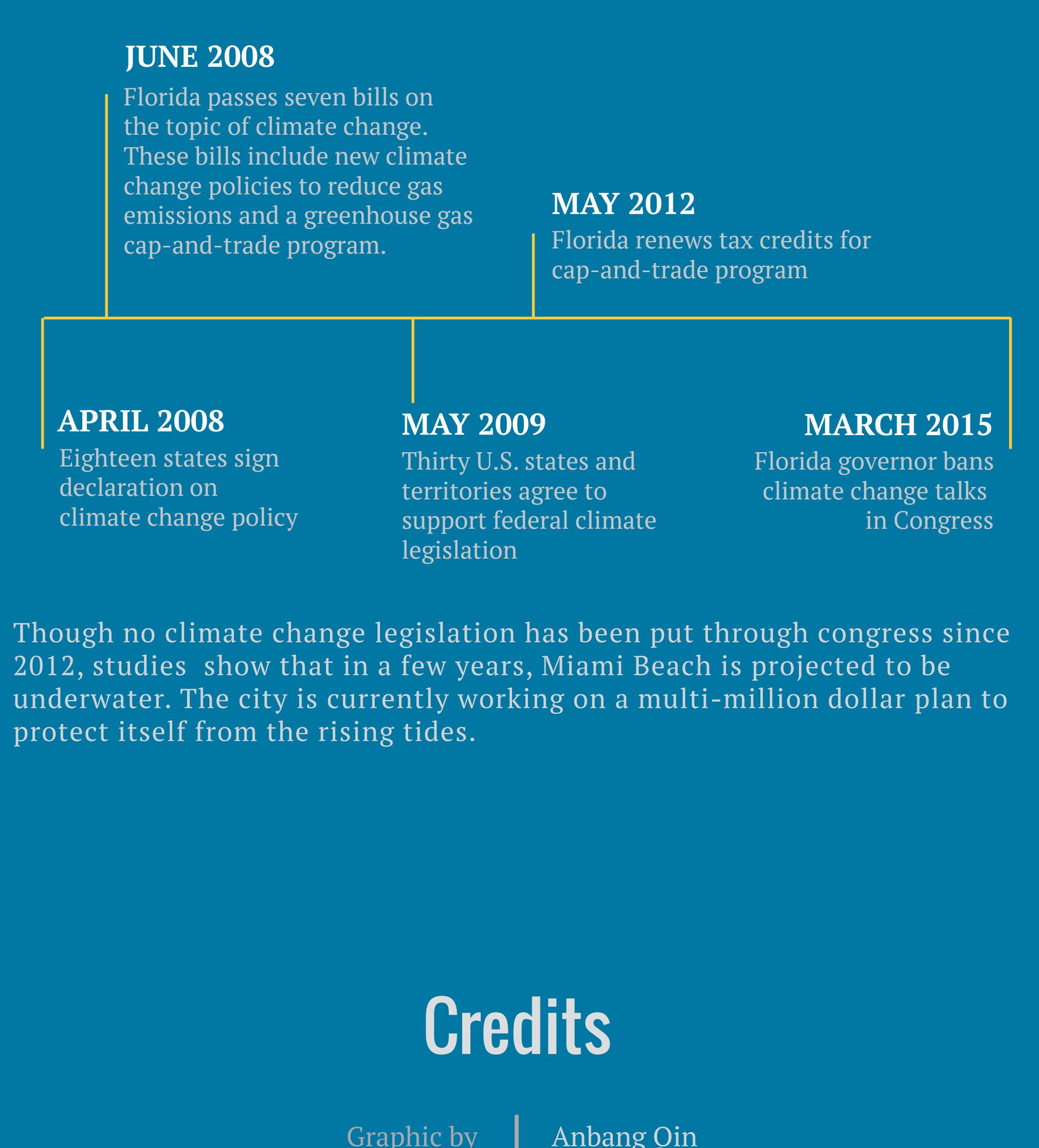


Trend by Month

Below are the detailed sea level change in Virginia Key, Miami from 1994 to 2014.



Miami-Dade County's storm surge simulator expects South Miami to suffer from about three feet of storm surge for a Category One hurricane. As the severity of the storm increases, so does the amount of water damage that may occur in a certain area.



Though no climate change legislation has been put through congress since 2012, studies show that in a few years, Miami Beach is projected to be underwater. The city is currently working on a multi-million dollar plan to protect itself from the rising tides.

Policy And Plans

Florida legislation on climate change

JUNE 2008 Florida passes seven bills on the topic of climate change. These bills include new climate change policies to reduce gas emissions and a greenhouse gas cap-and-trade program.

MAY 2012 Florida renews tax credits for cap-and-trade program

APRIL 2008 Eighteen states sign declaration on climate change policy

MAY 2009 Thirty U.S. states and territories agree to support federal climate legislation

MARCH 2015 Florida governor bans climate change talks in Congress

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Sources NOAA-Tides & Currents
Climate Central-Surging Seas
Citi-data.com
Center for Climate and Energy Solutions

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