

AMS Washington Forum 2014



John Englander



“Connecting the dots”

- **Weather**
- **Ocean Heat**
- **Sea level**
- **Shorelines**
- **Real Estate**

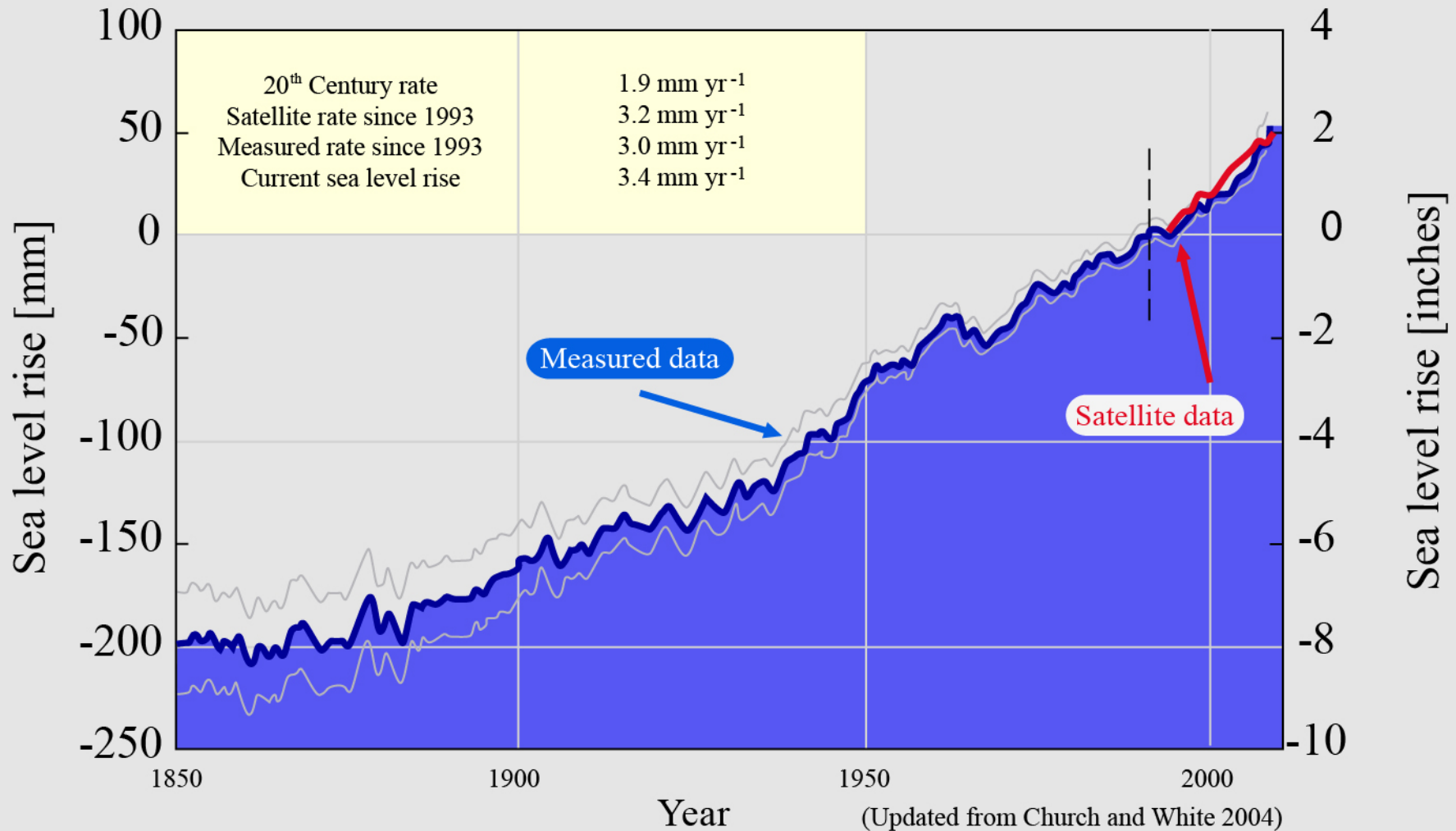


Message Opportunities:

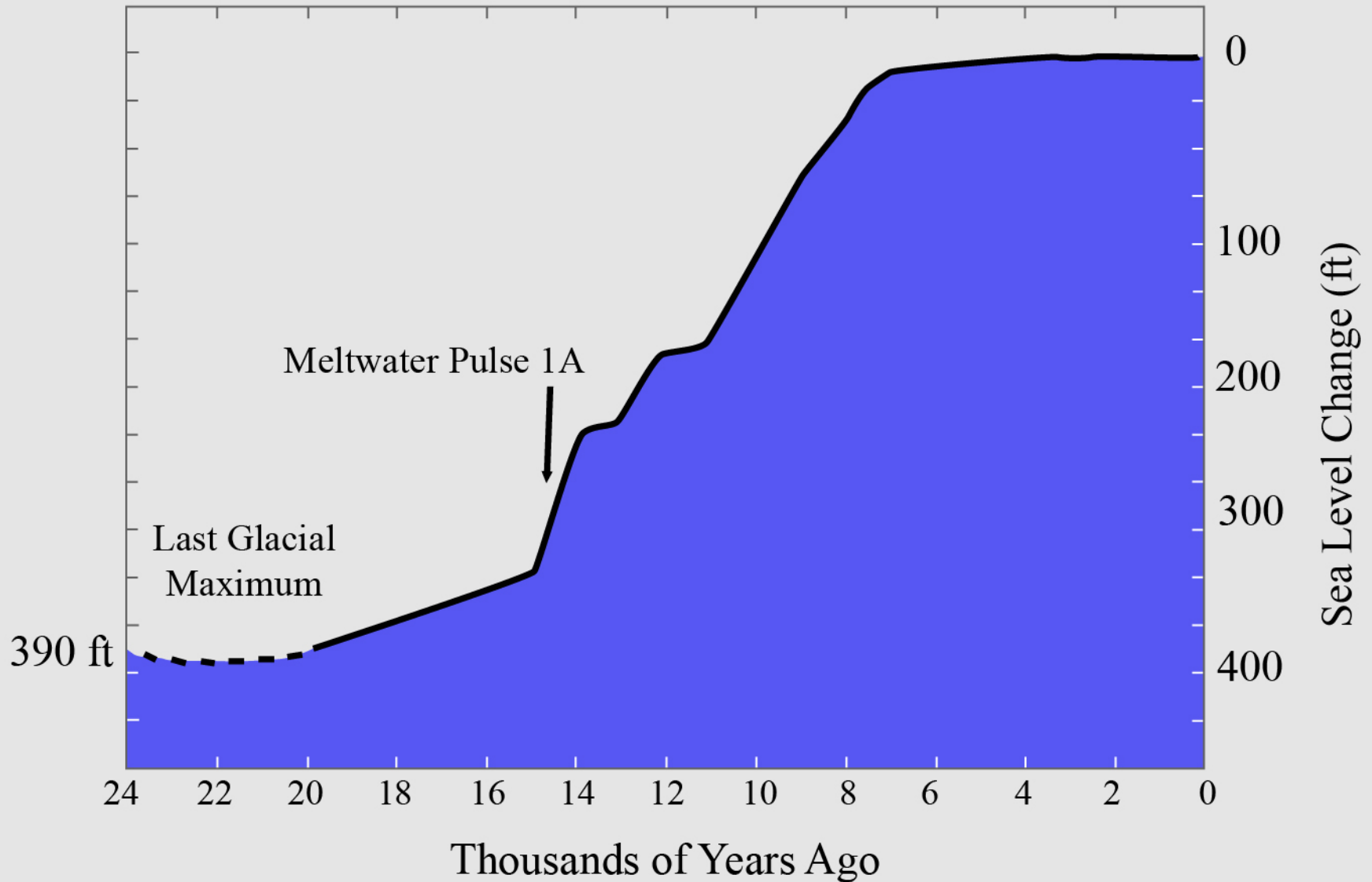
1. Melting icebergs do not add to rising seas
2. Melting polar ice cap can explain abnormal weather
3. Ice free Arctic for 1st time in 3 million years means...
4. Need more data...satellites.....



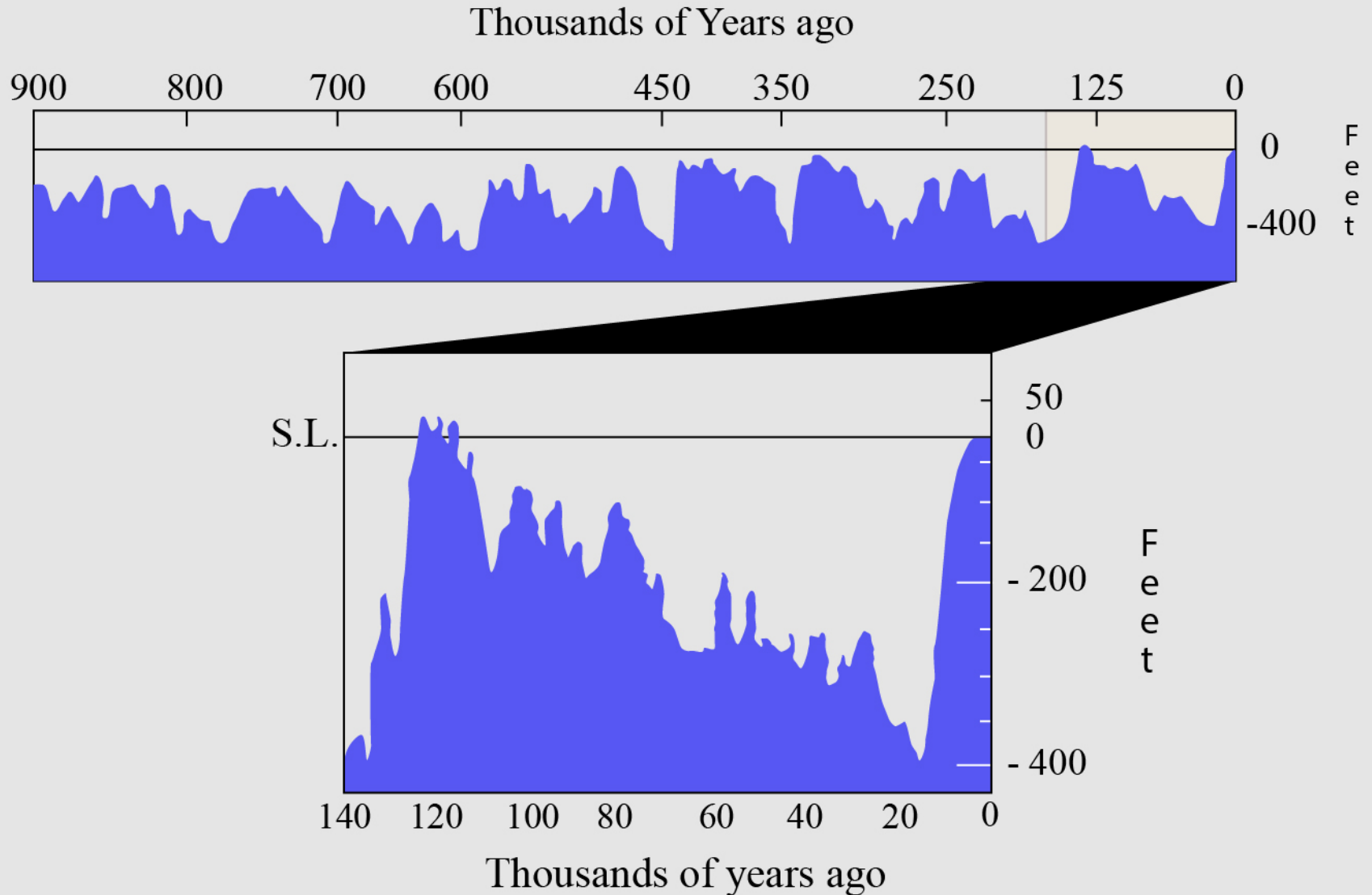
Sea Level Rise: 20th Century

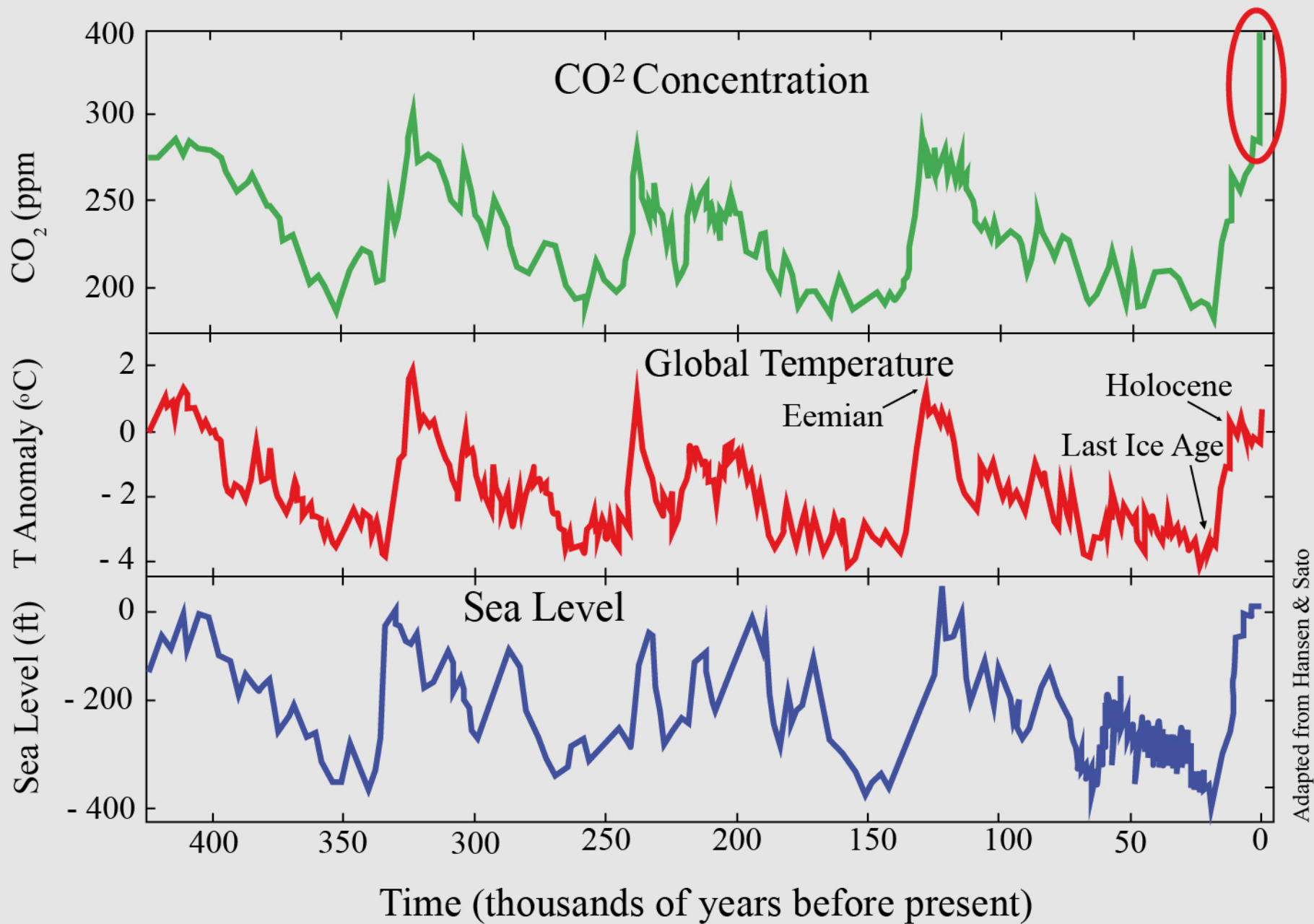


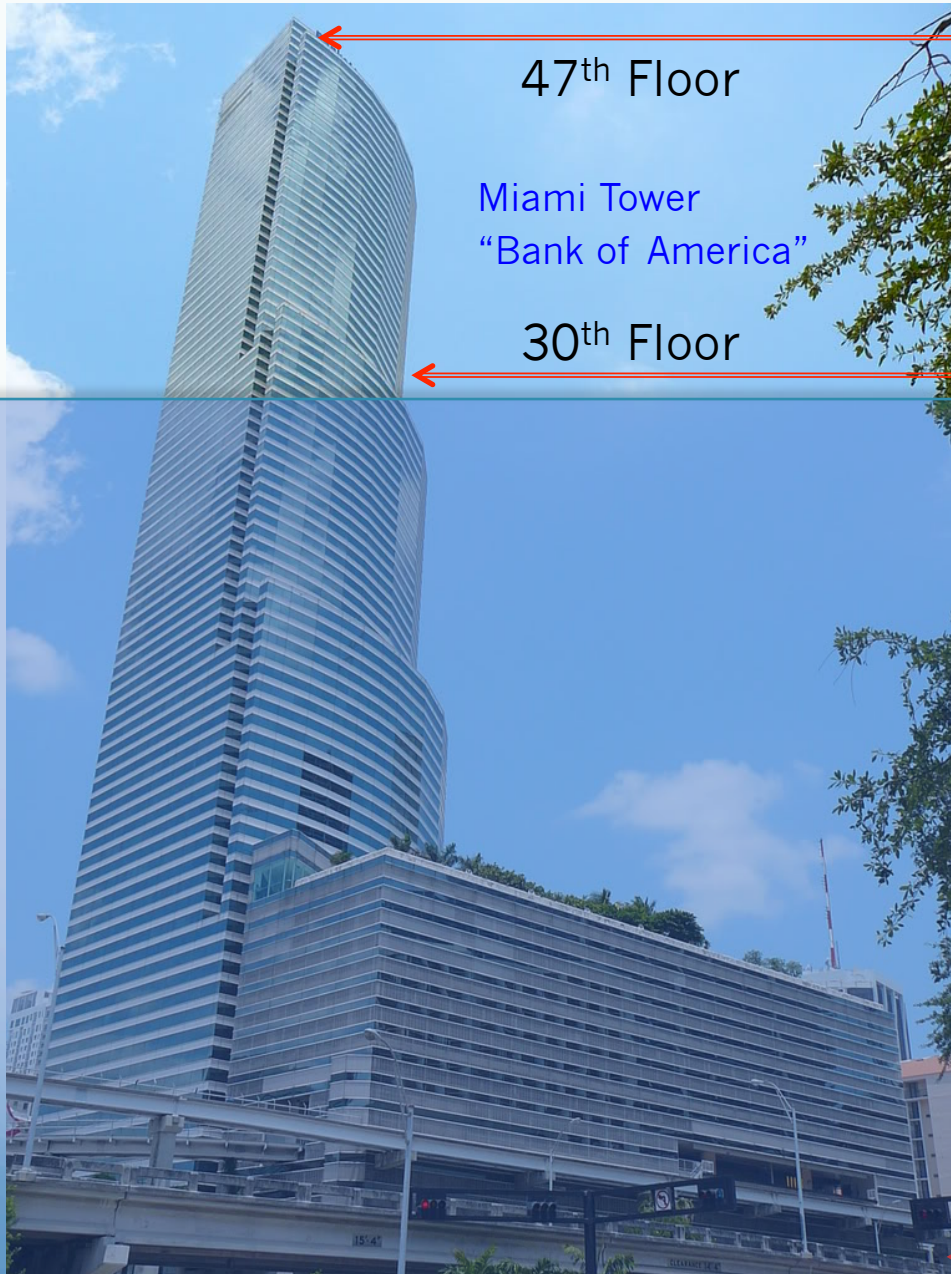
Post-Glacial Sea Level Rise



900,000 Year Sea Level Record







47th Floor

Miami Tower
"Bank of America"

30th Floor

When all ice melts

212 ft (65 m)

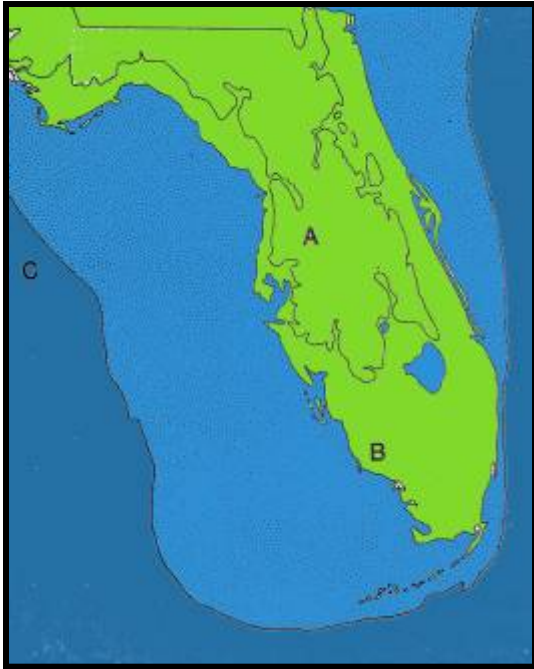
Present Sea Level

390 ft (120 m)

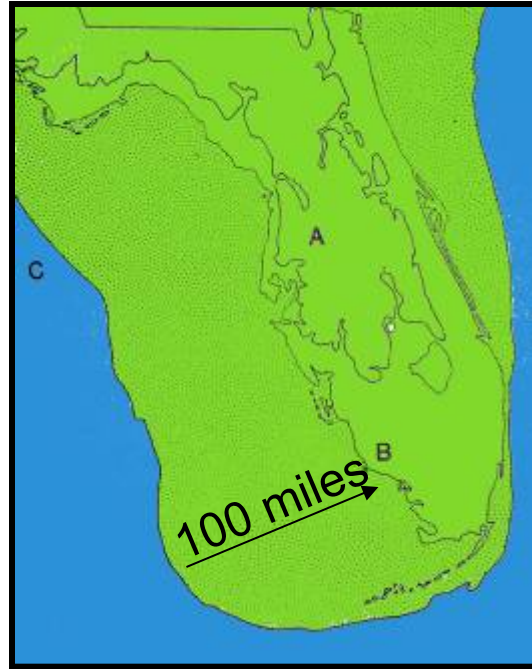
**20,000 years ago
Last Ice Age**

FLORIDA THROUGH TIME

Today

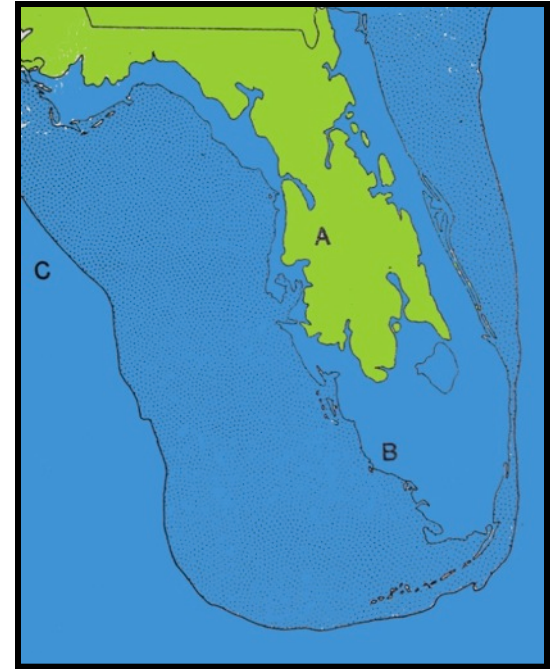


18,000 yrs ago



- 120 meters (- 390')

120,000 yrs ago



+ 8 meters (+ 25')