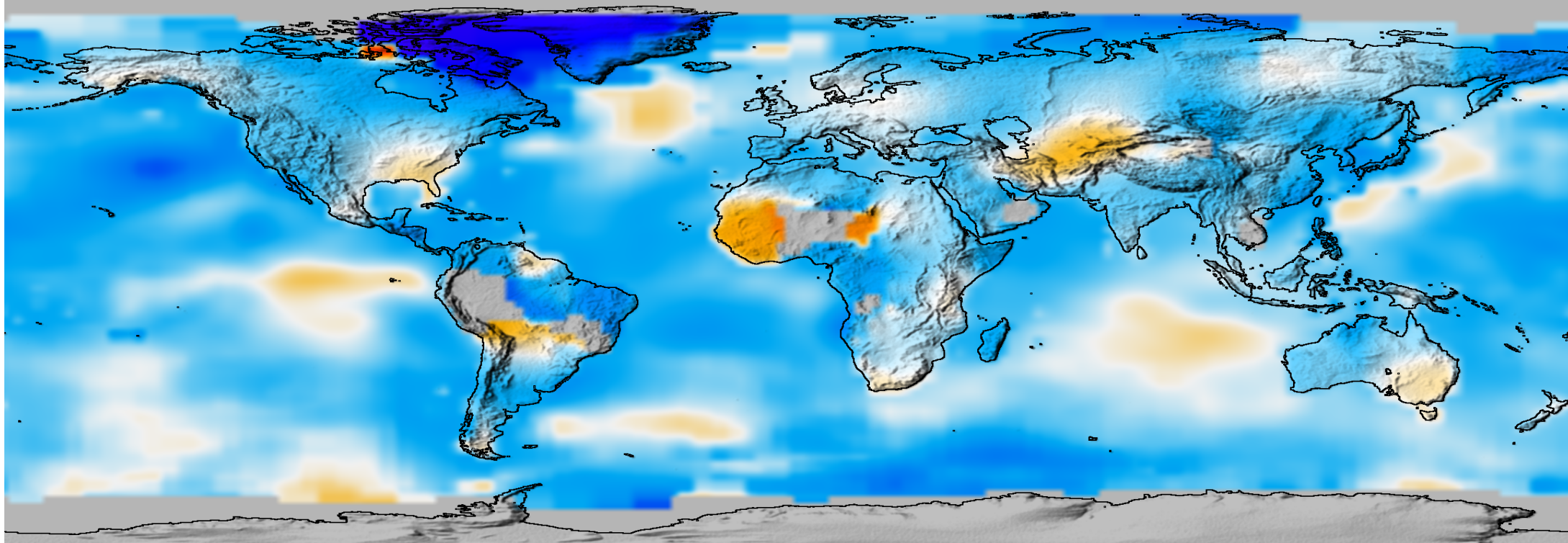


# 1910-1919

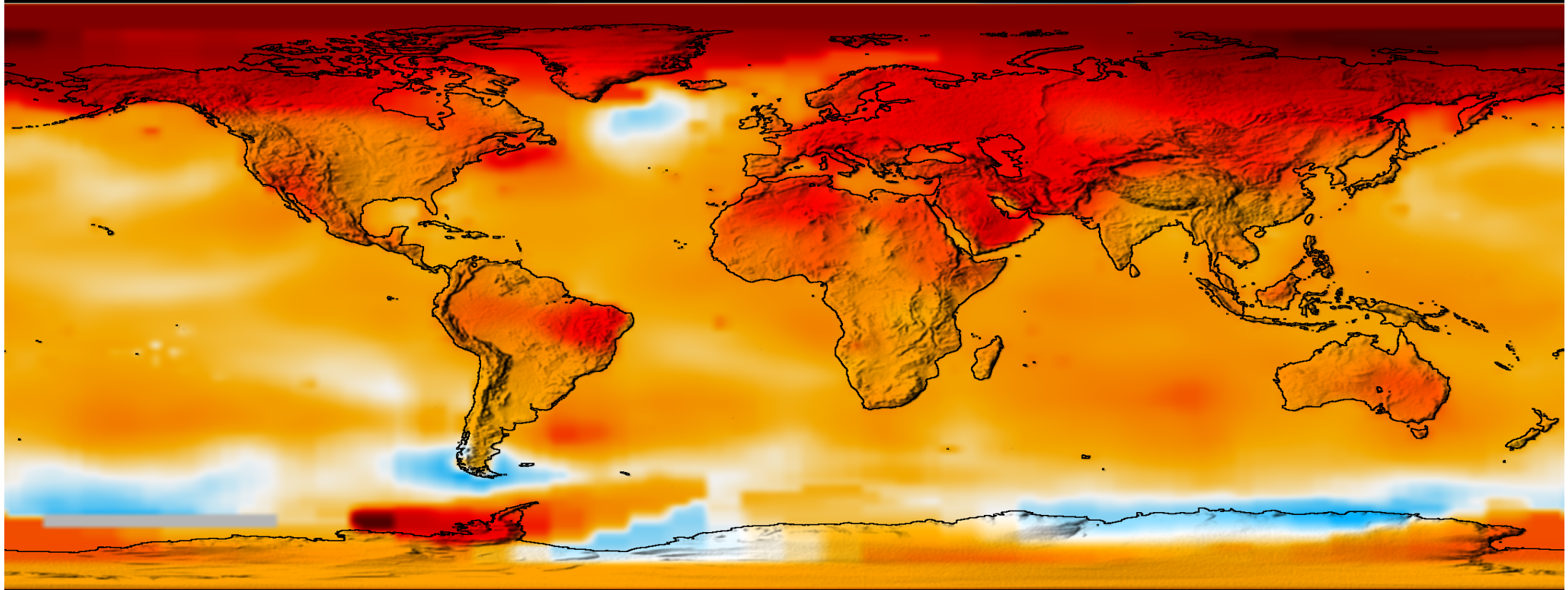


Data: NASA/GISS. Graphics: Bentsen, Bethke, Drange @ bjerknes.uib.no

3 yr averages (°C) relative to 1951-1980



# 2010-2019

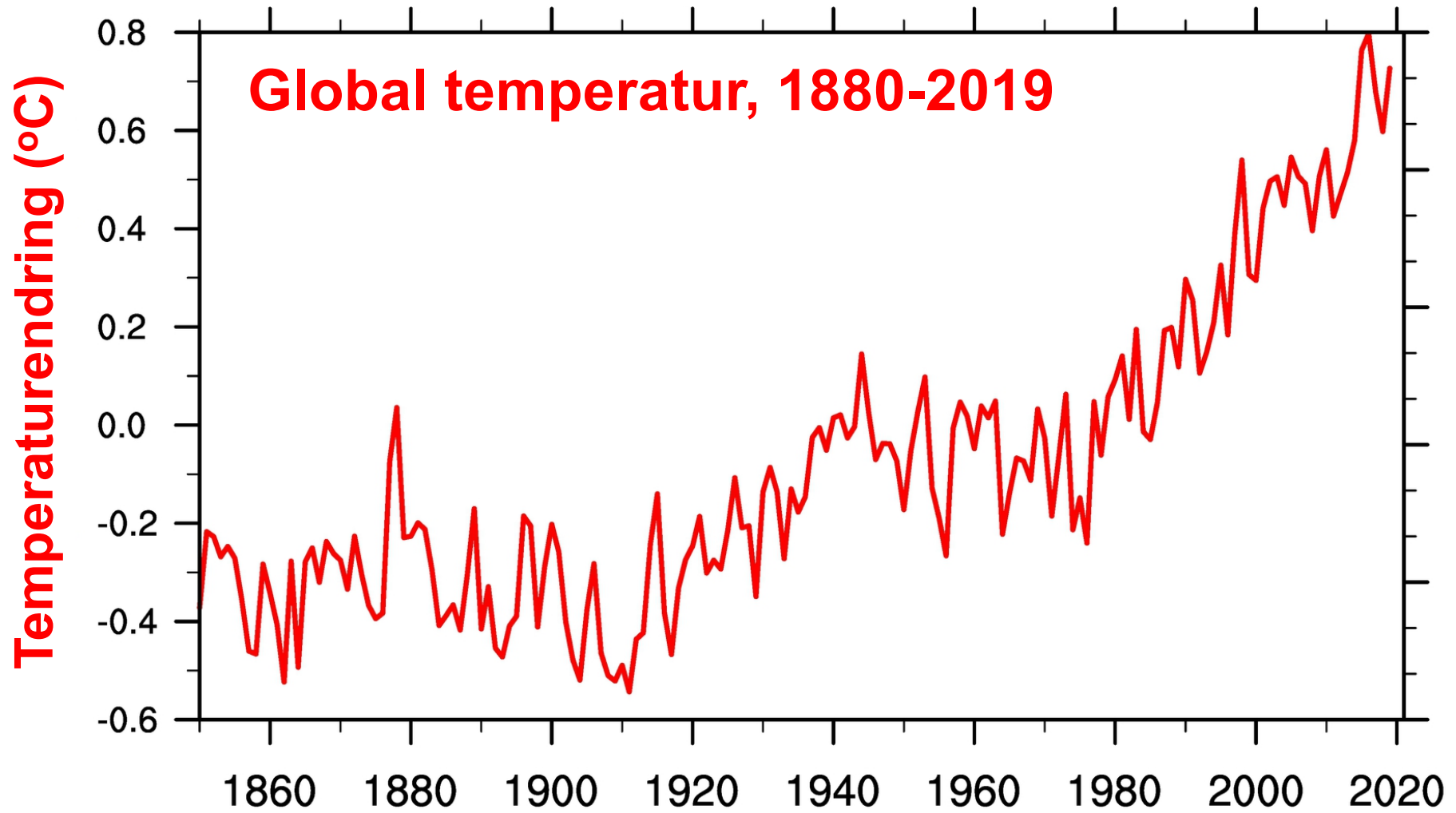


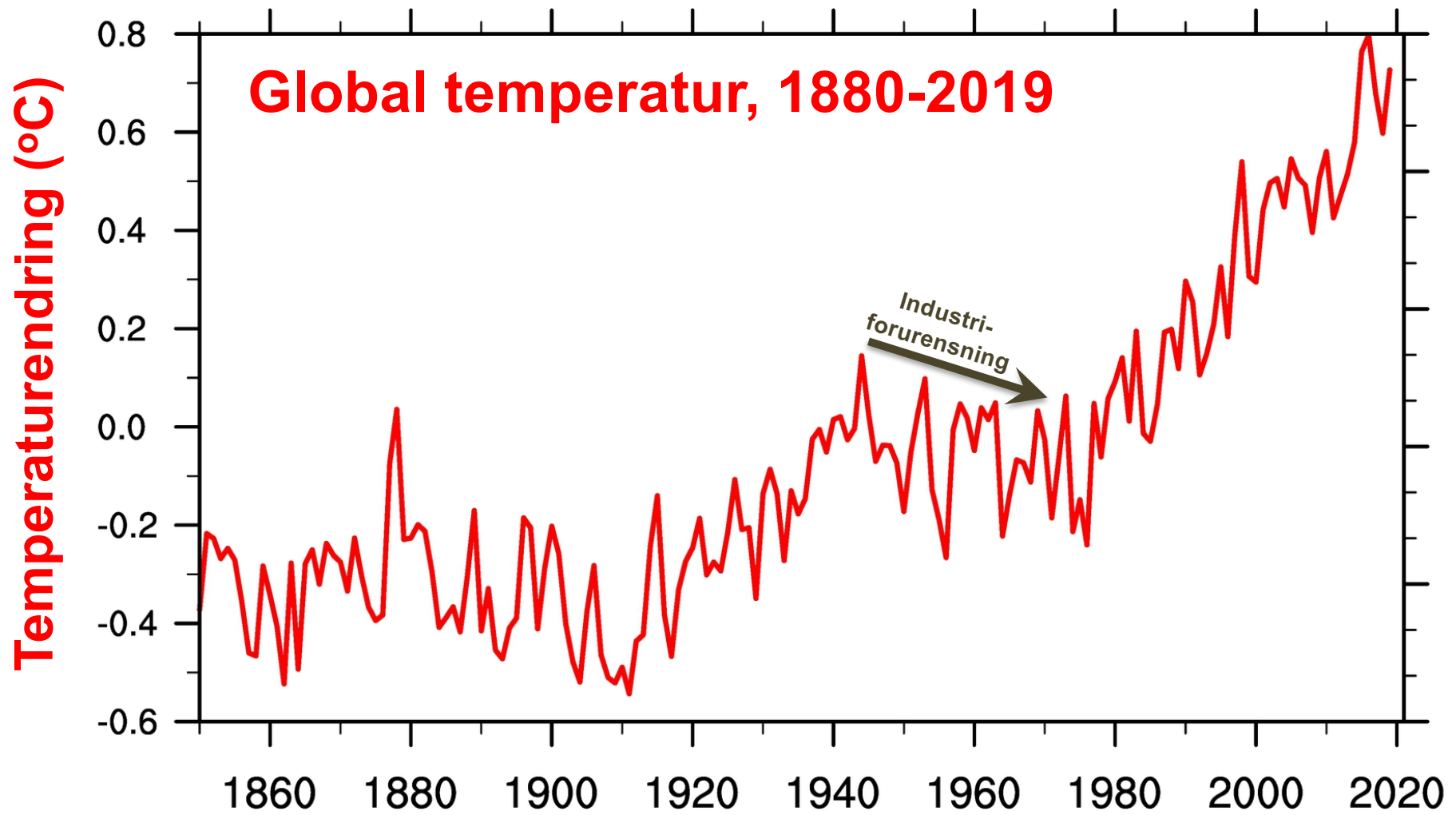
Data: NASA/GISS. Graphics: Bentsen, Bethke, Drange @ bjerkes.uib.no

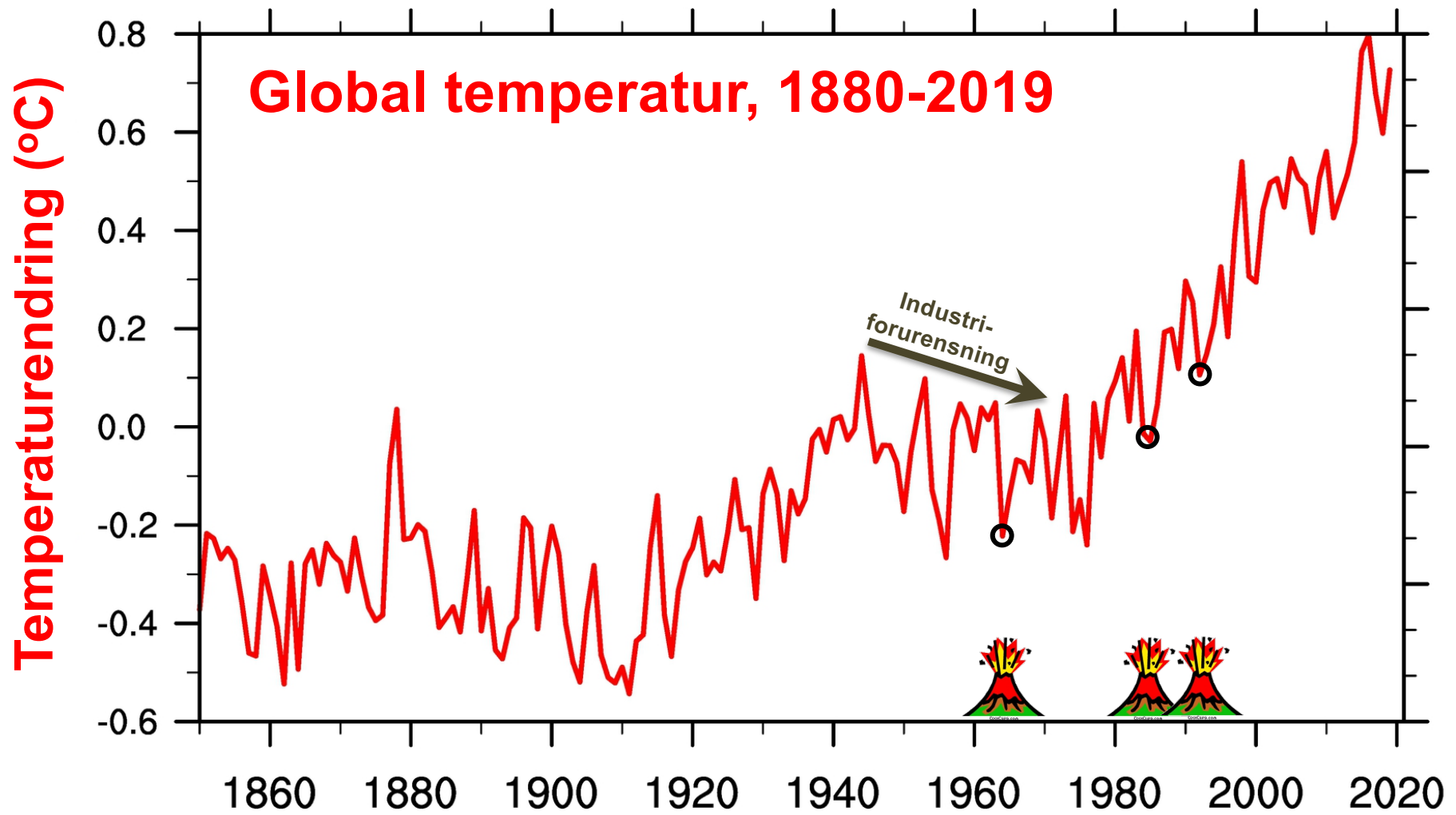
3 yr averages (°C) relative to 1951-1980

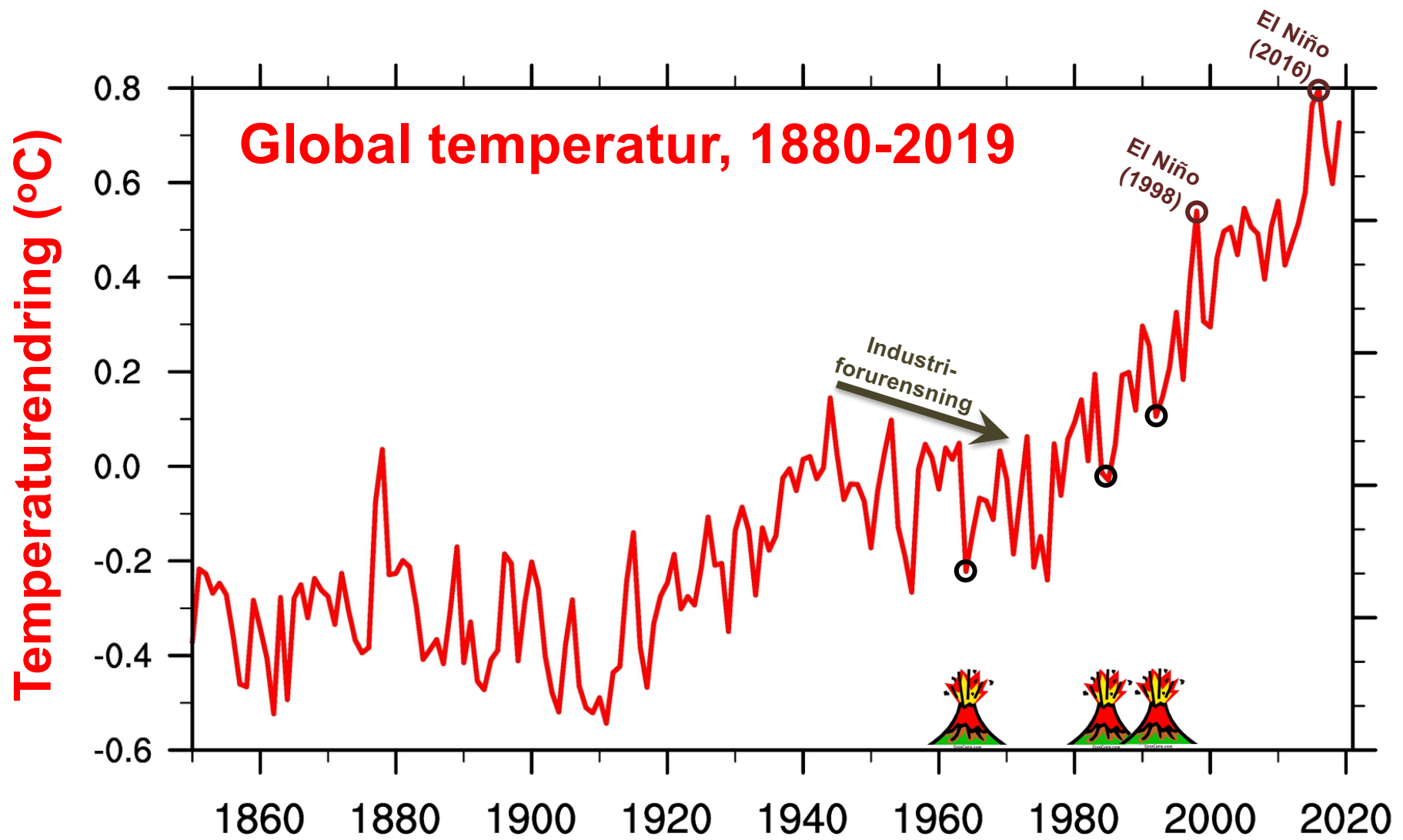


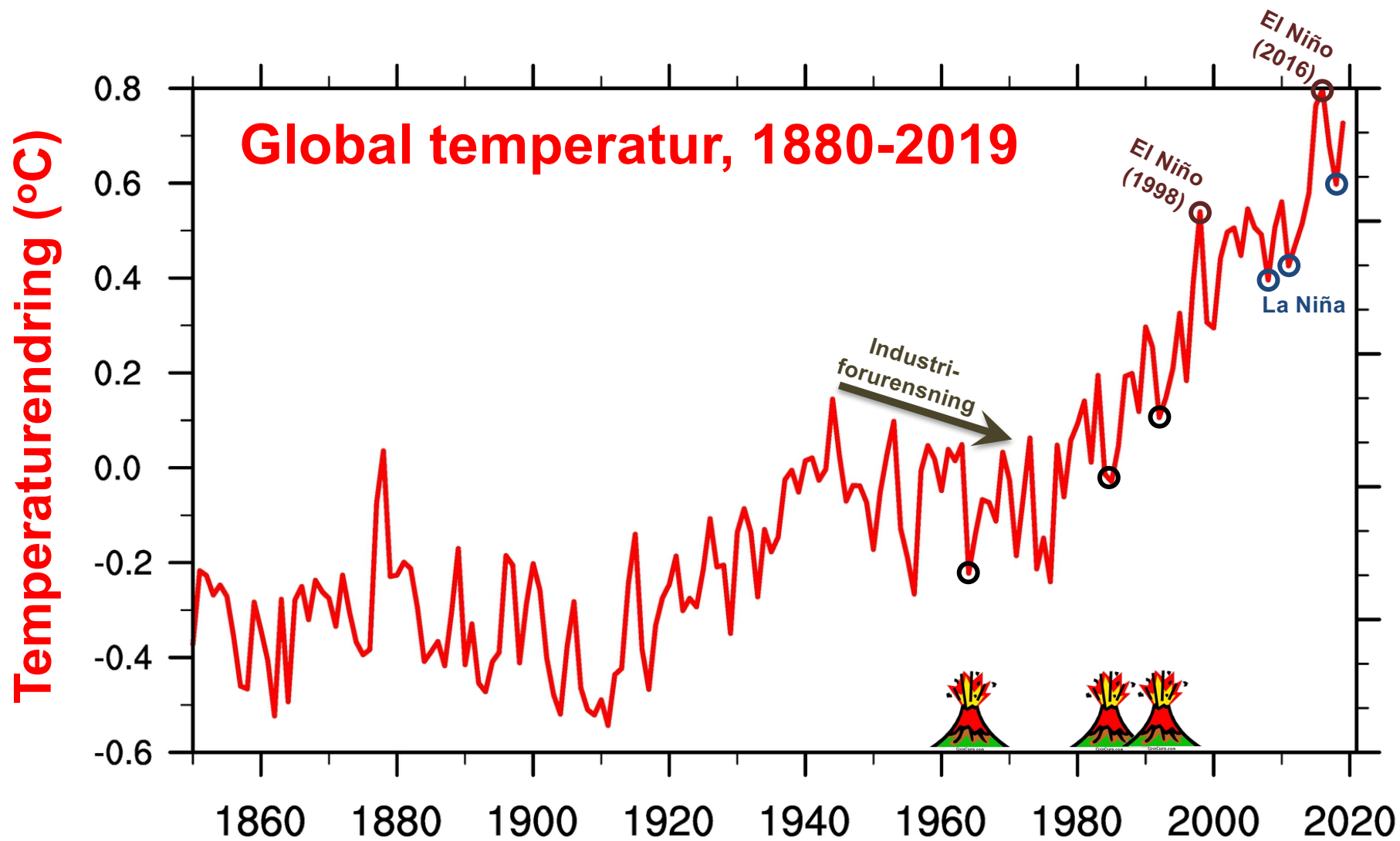
**Temperaturen stiger ikke**



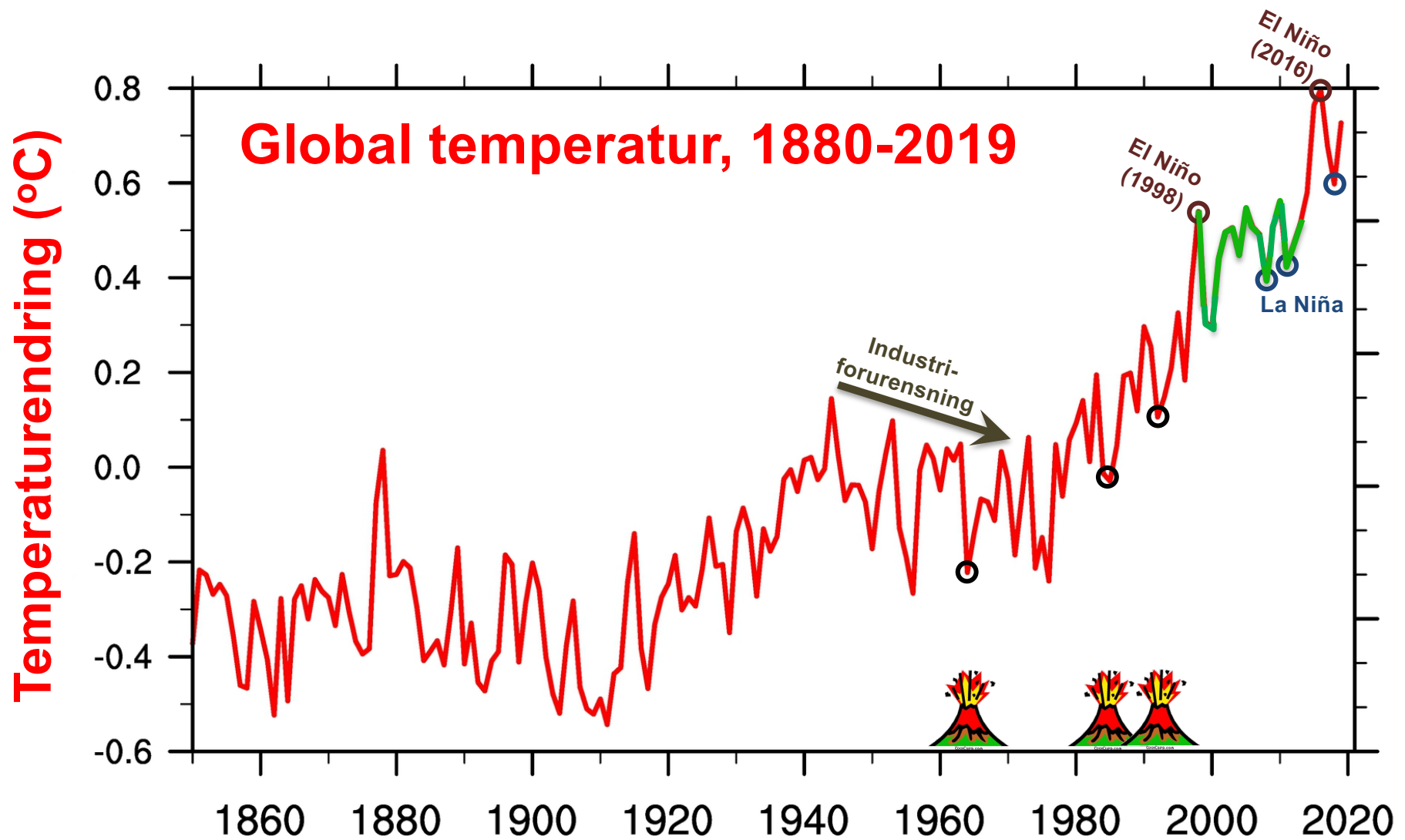


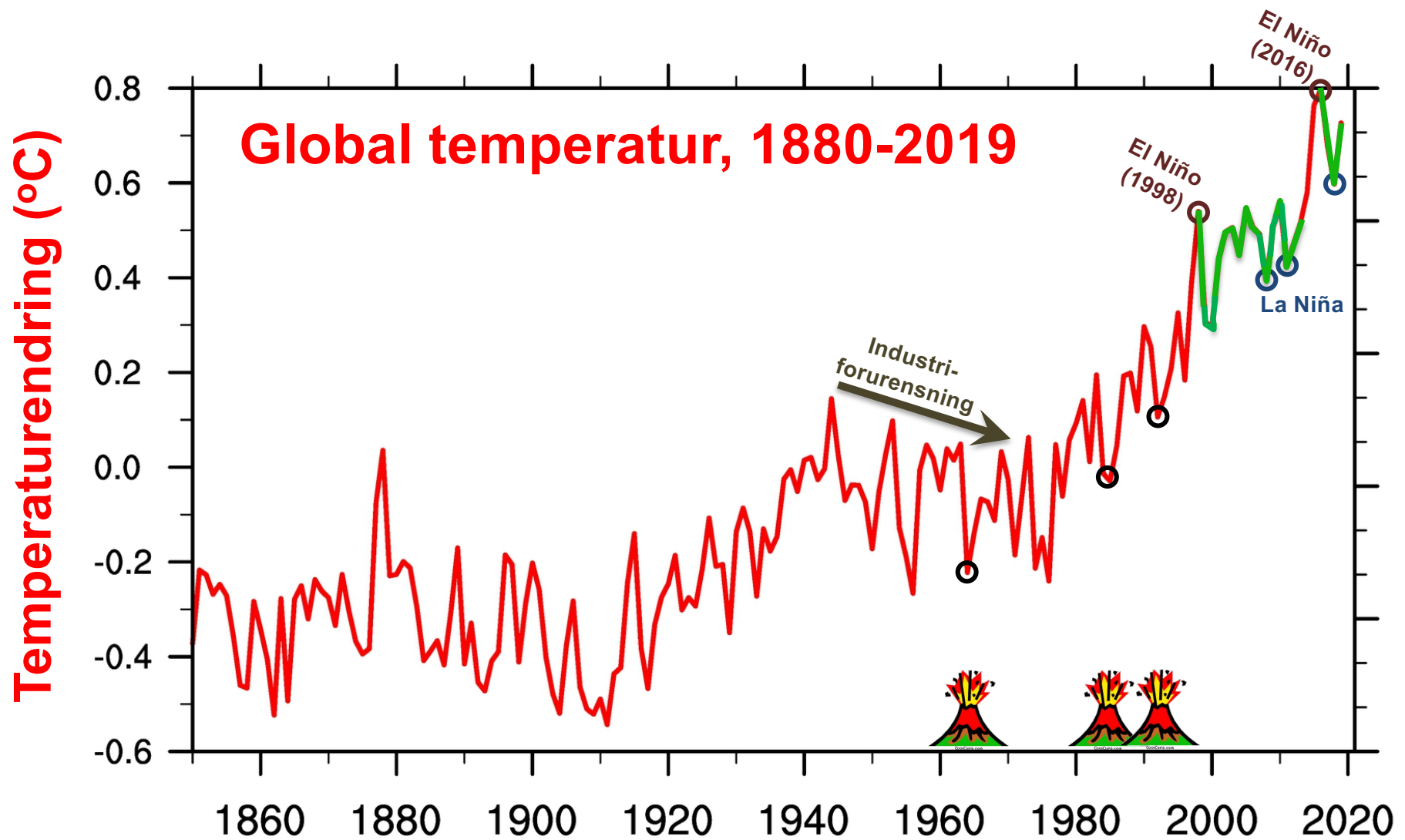


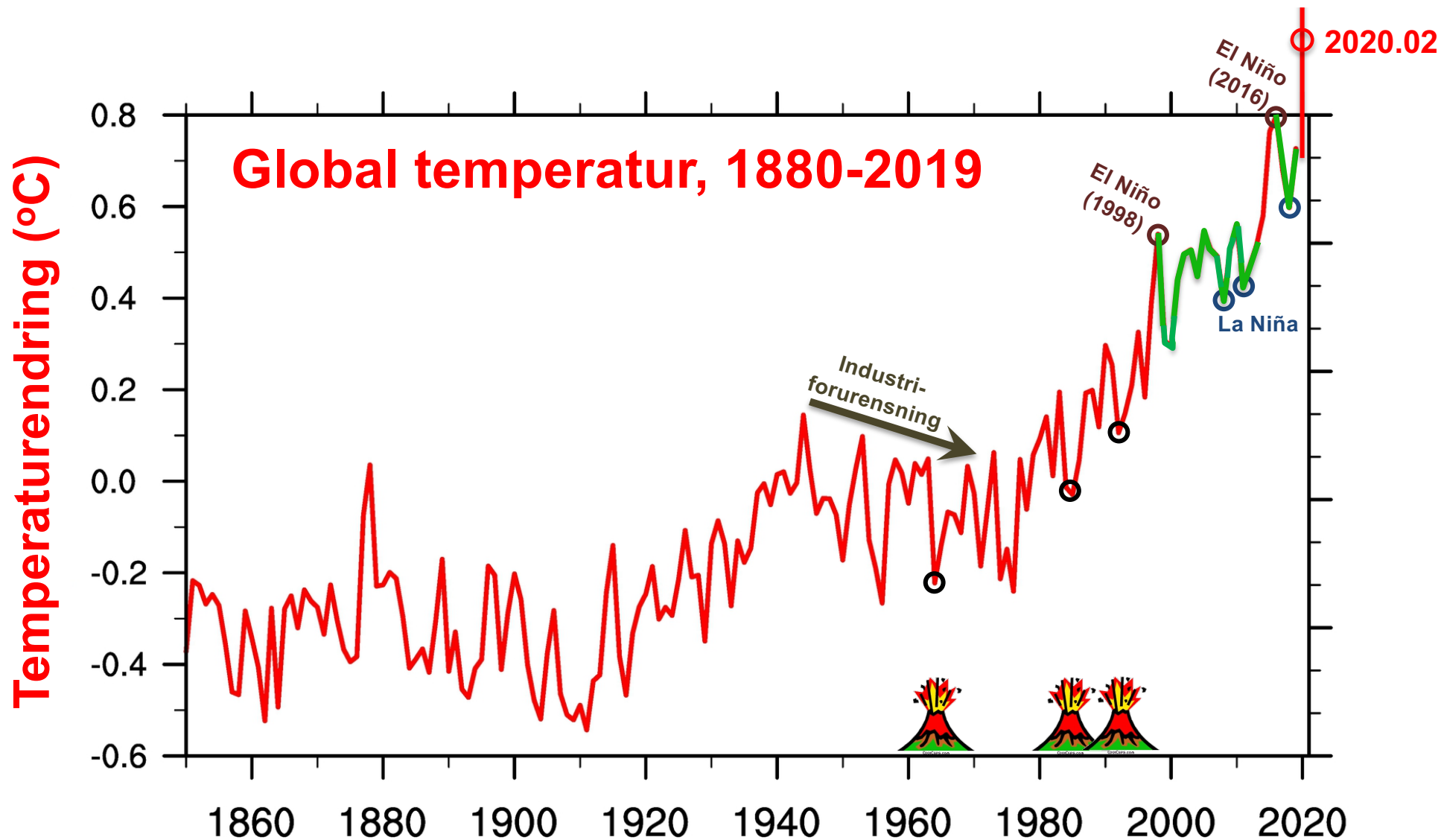












**Temperaturen stiger ikke**

**Temperaturen stiger ikke**

**Helt feil.**

**Temperaturen stiger i atmosfæren, i havet, og i grunnen – (så å si) over alt på jorden**

**Solen styrer klimaet.**

**Solen styrer klimaet.**

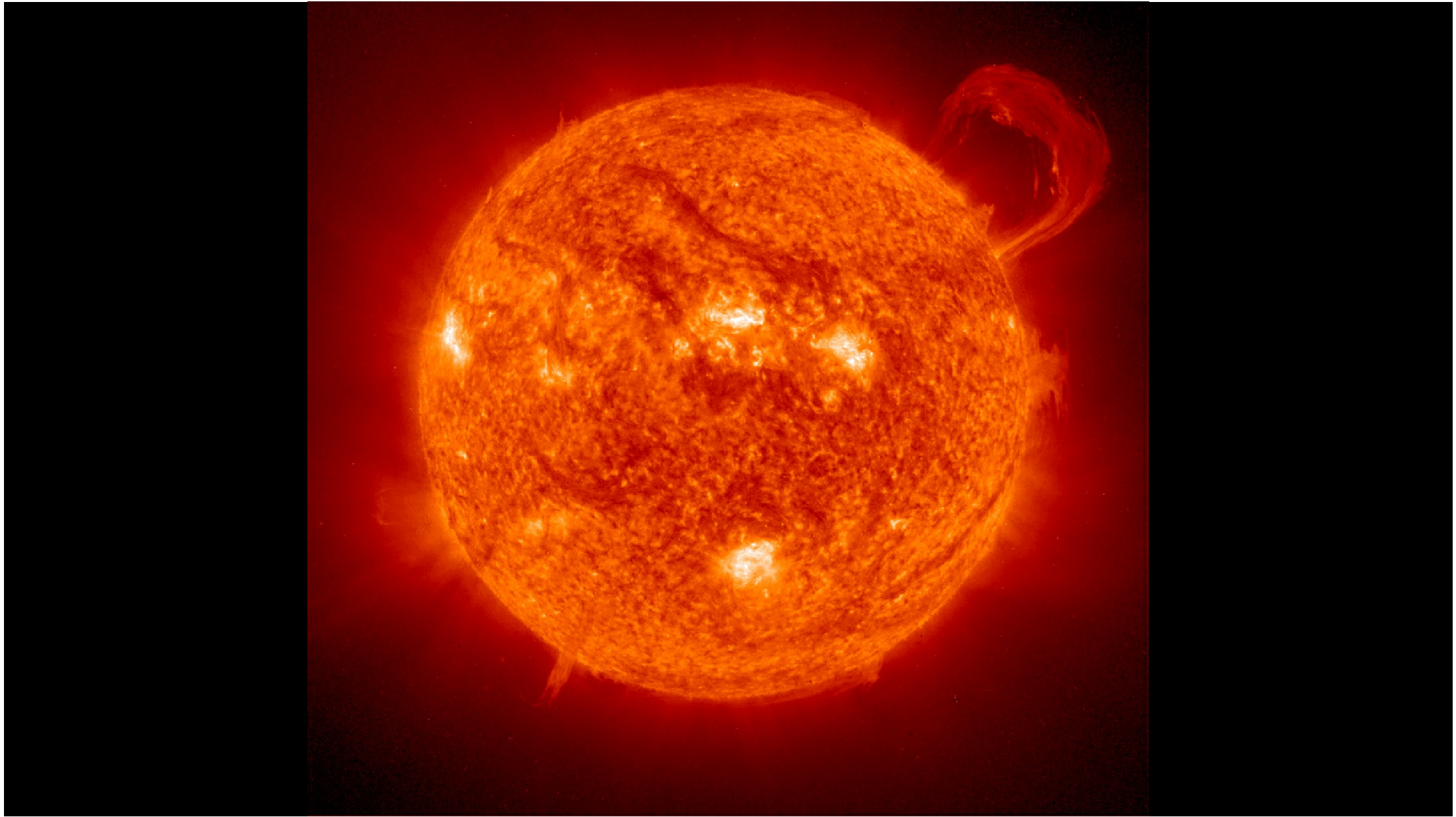
**Ja.**

**Solen styrer klimaet.**

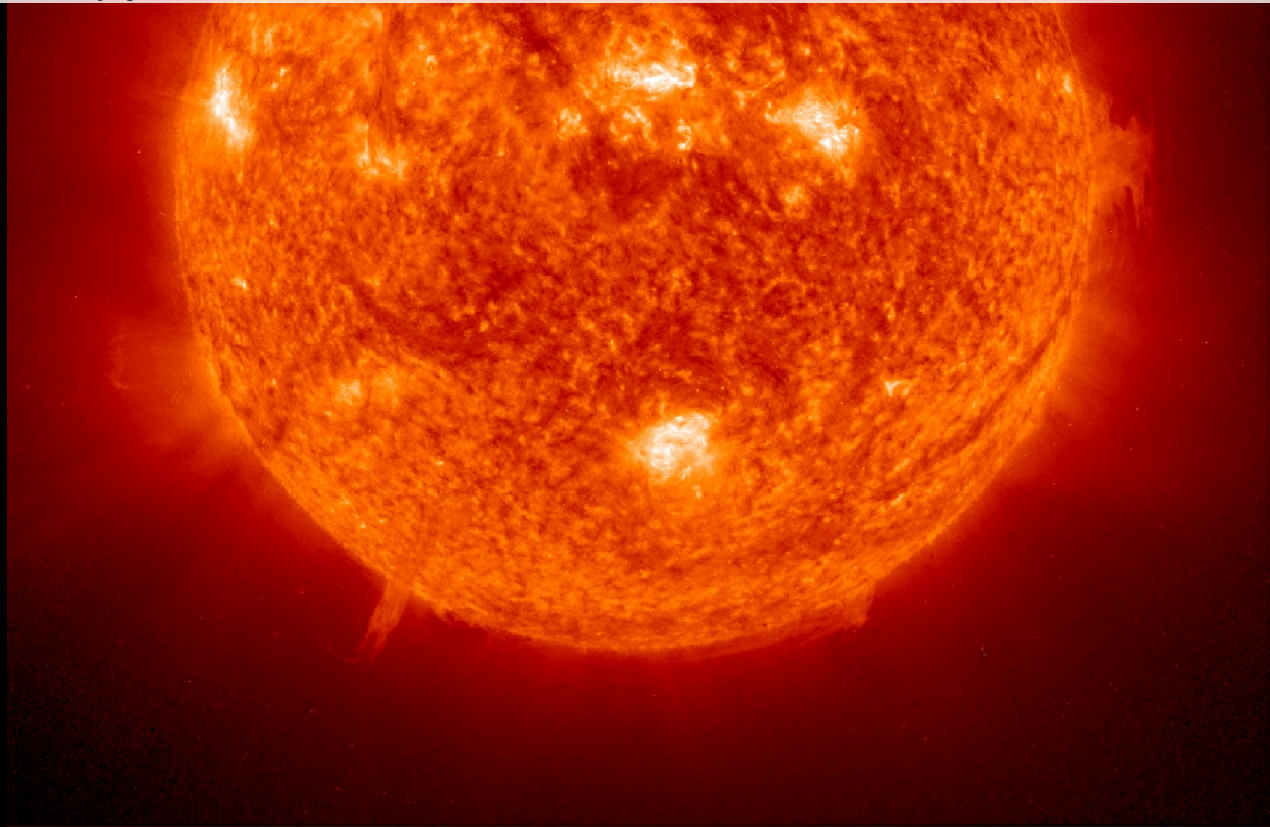
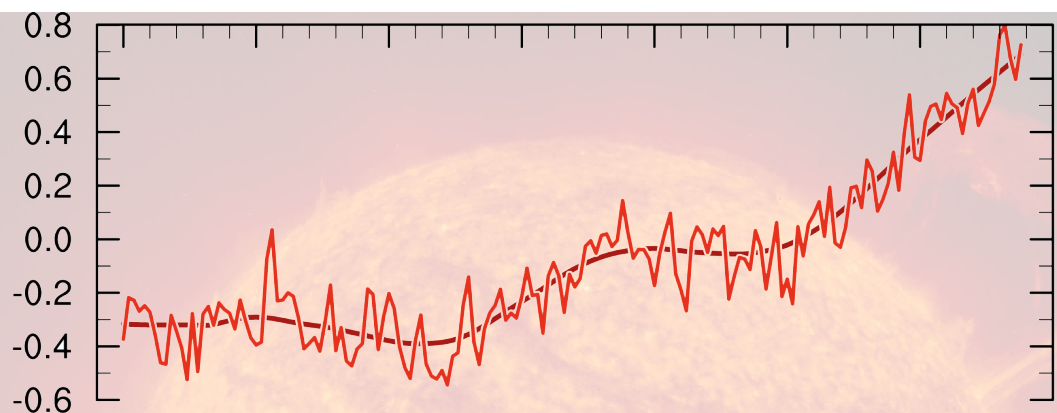
**Ja.**

**Men forklarer solen  
oppvarmingen etter 1950/1960?**

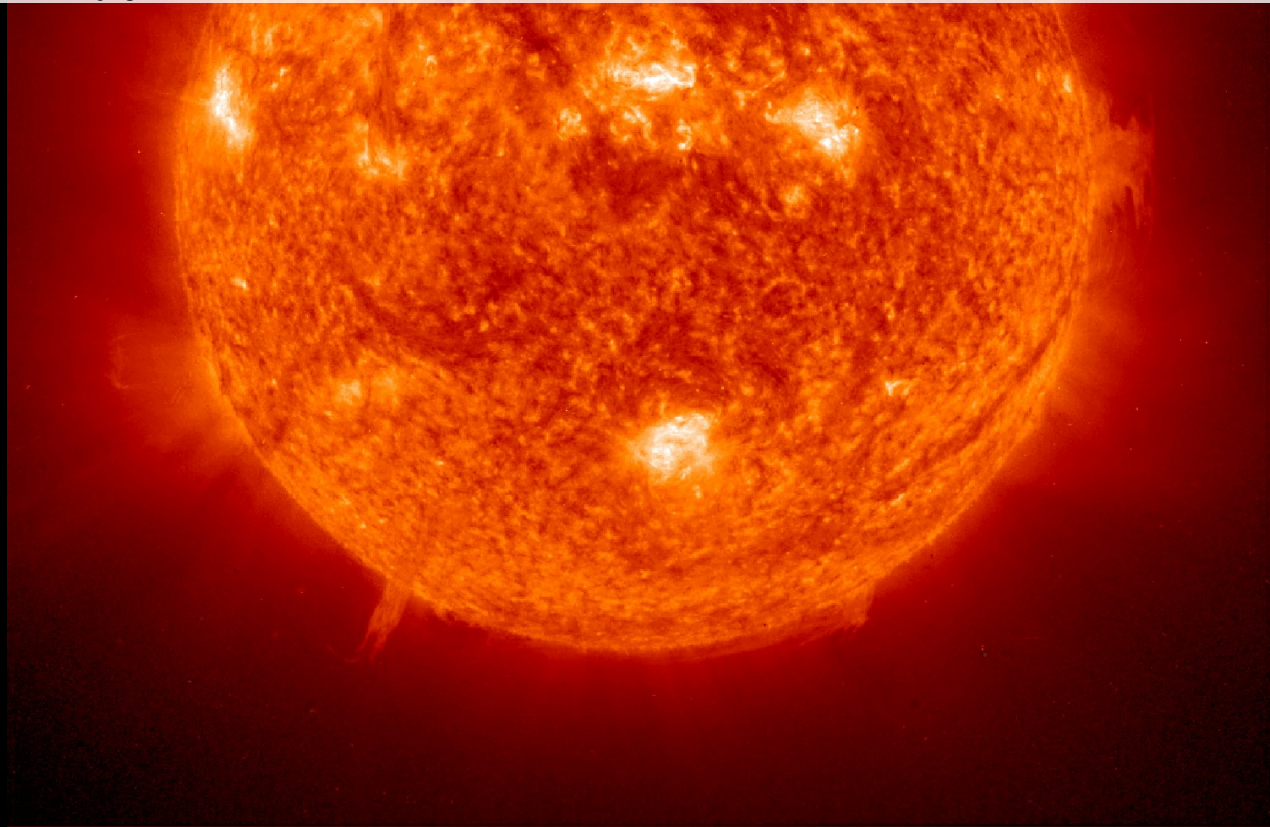
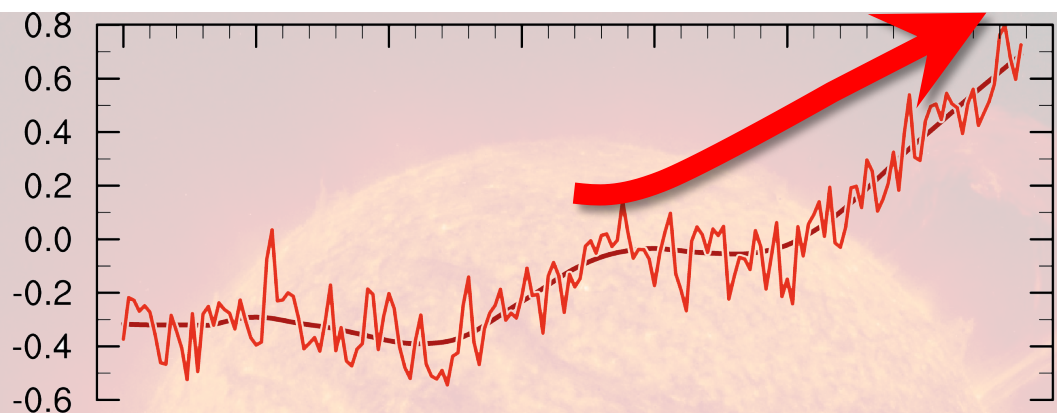


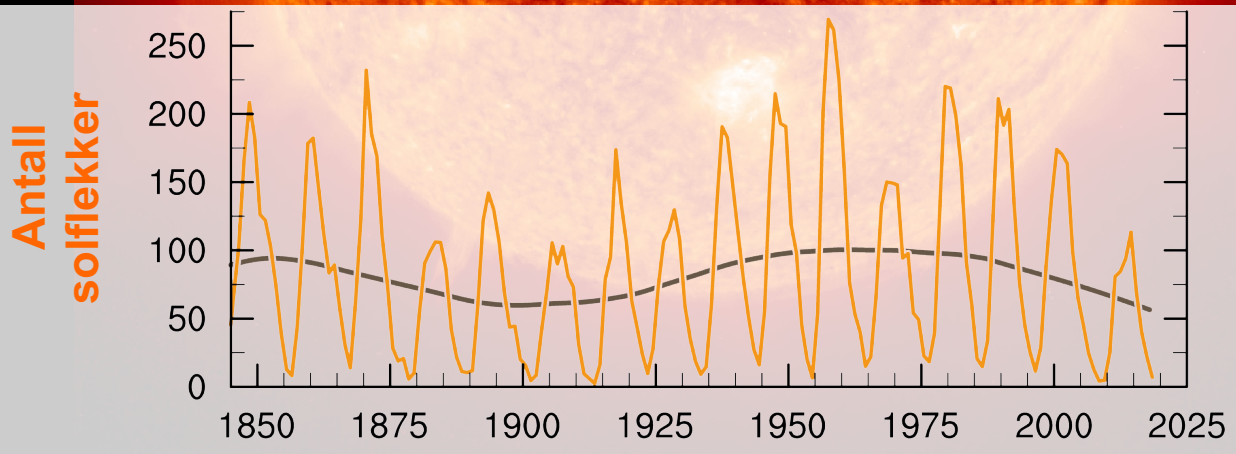
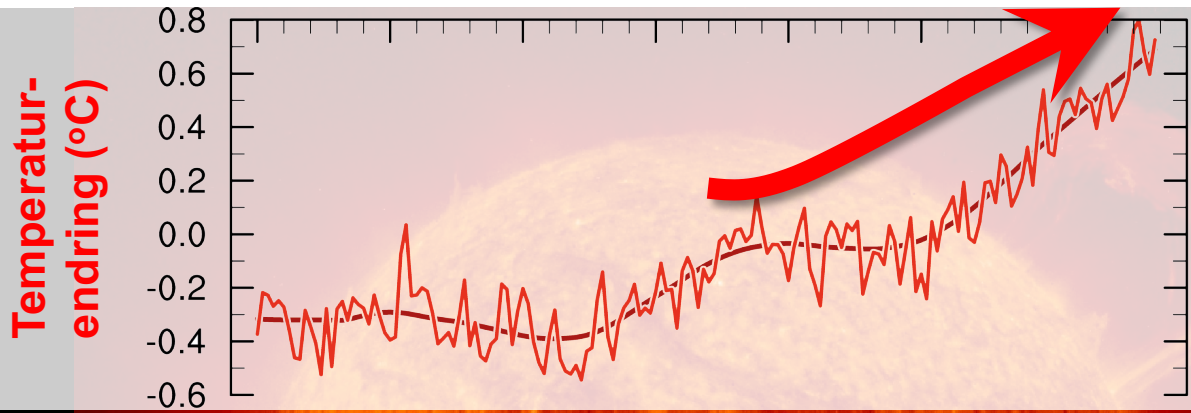


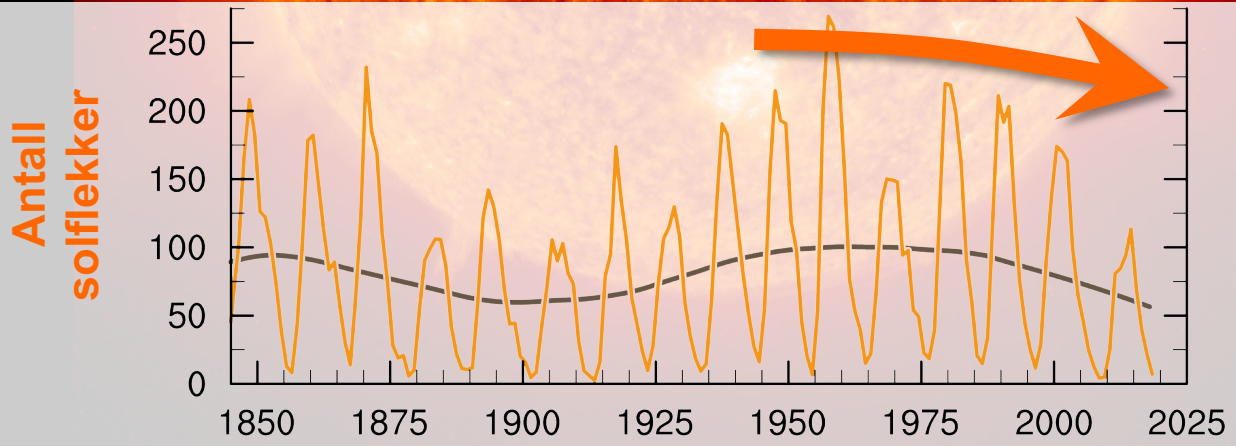
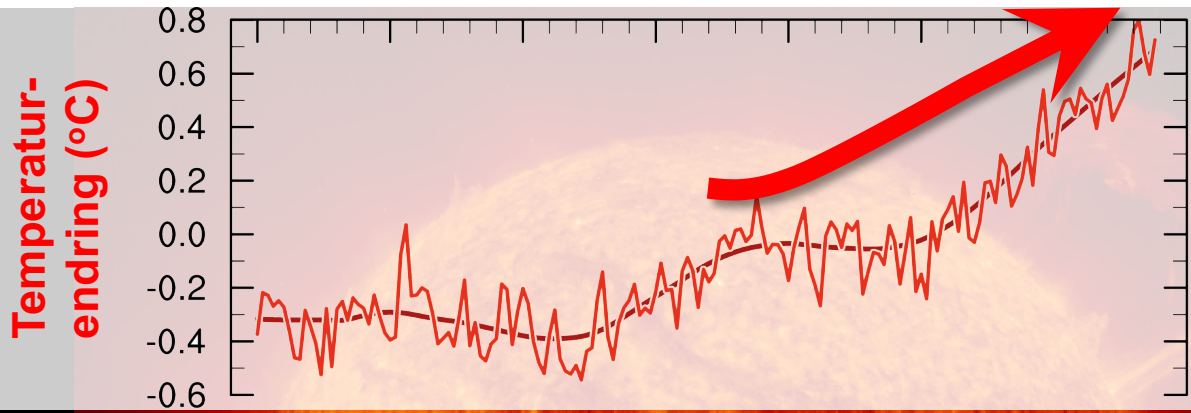
Temperatur-  
änderung (°C)



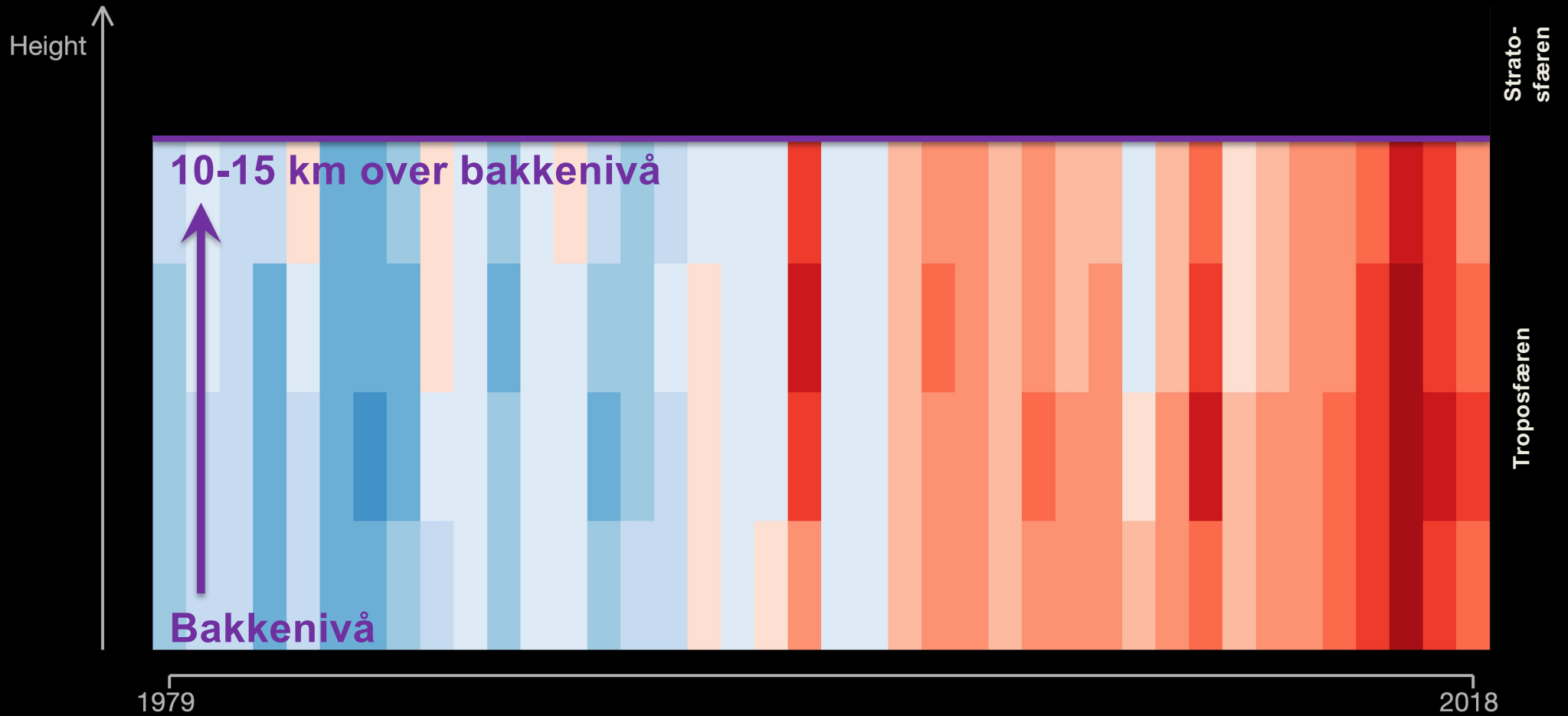
Temperature-  
ending (°C)







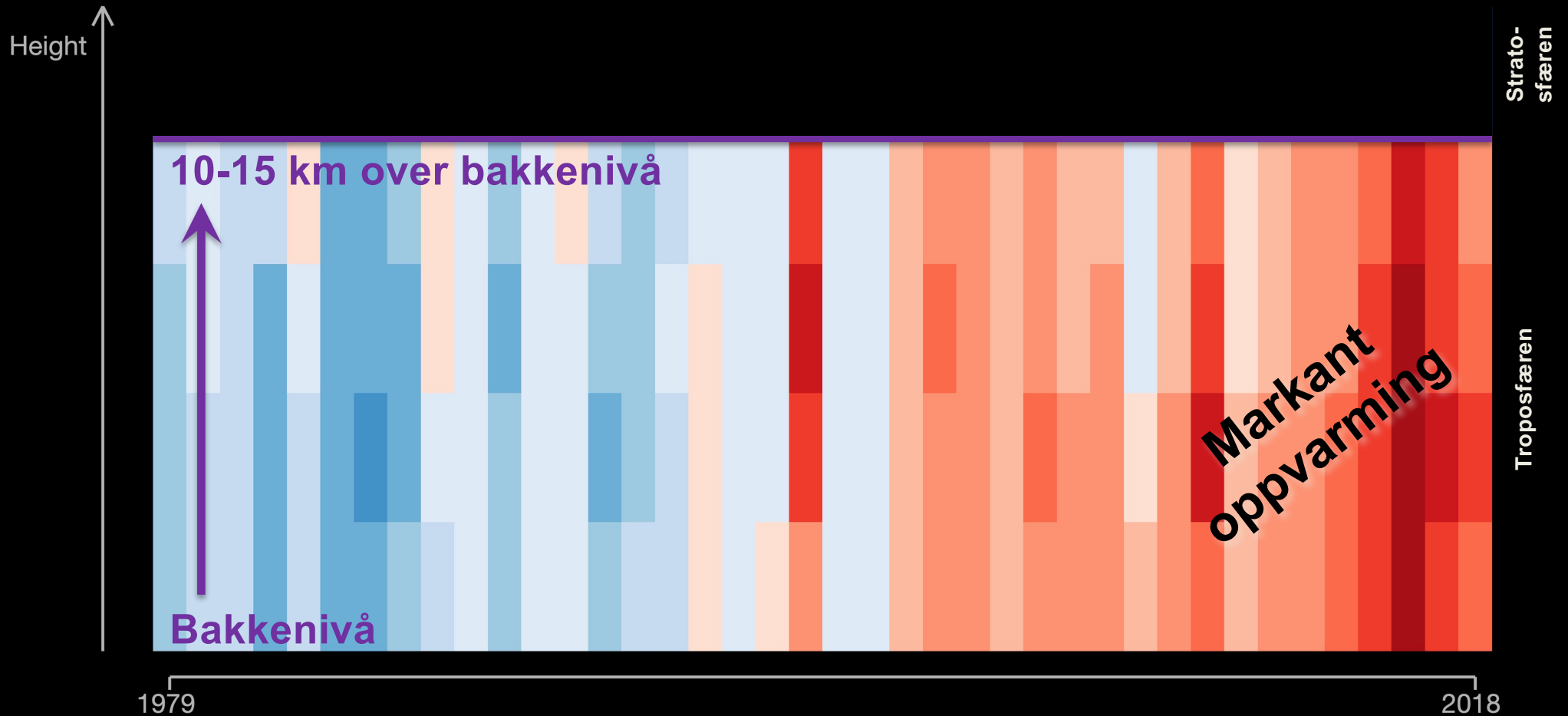
# Satellittmålt temperaturendring 1979-2018



Data: Cowtan & Way (surface) and RSS (TLT, TTT, TMT, TLS)

@ed\_hawkins

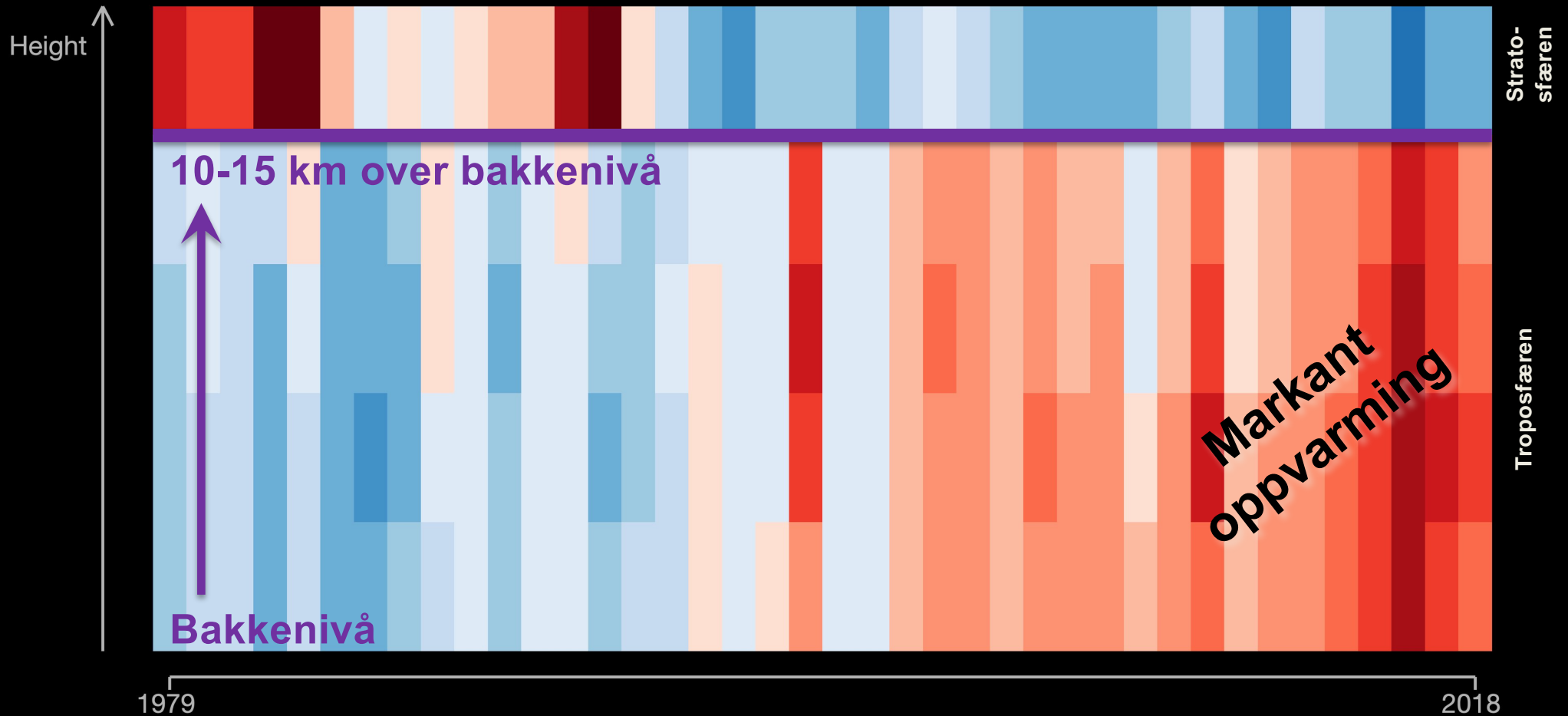
# Satellittmålt temperaturendring 1979-2018



Data: Cowtan & Way (surface) and RSS (TLT, TTT, TMT, TLS)

@ed\_hawkins

# Satellittmålt temperaturendring 1979-2018

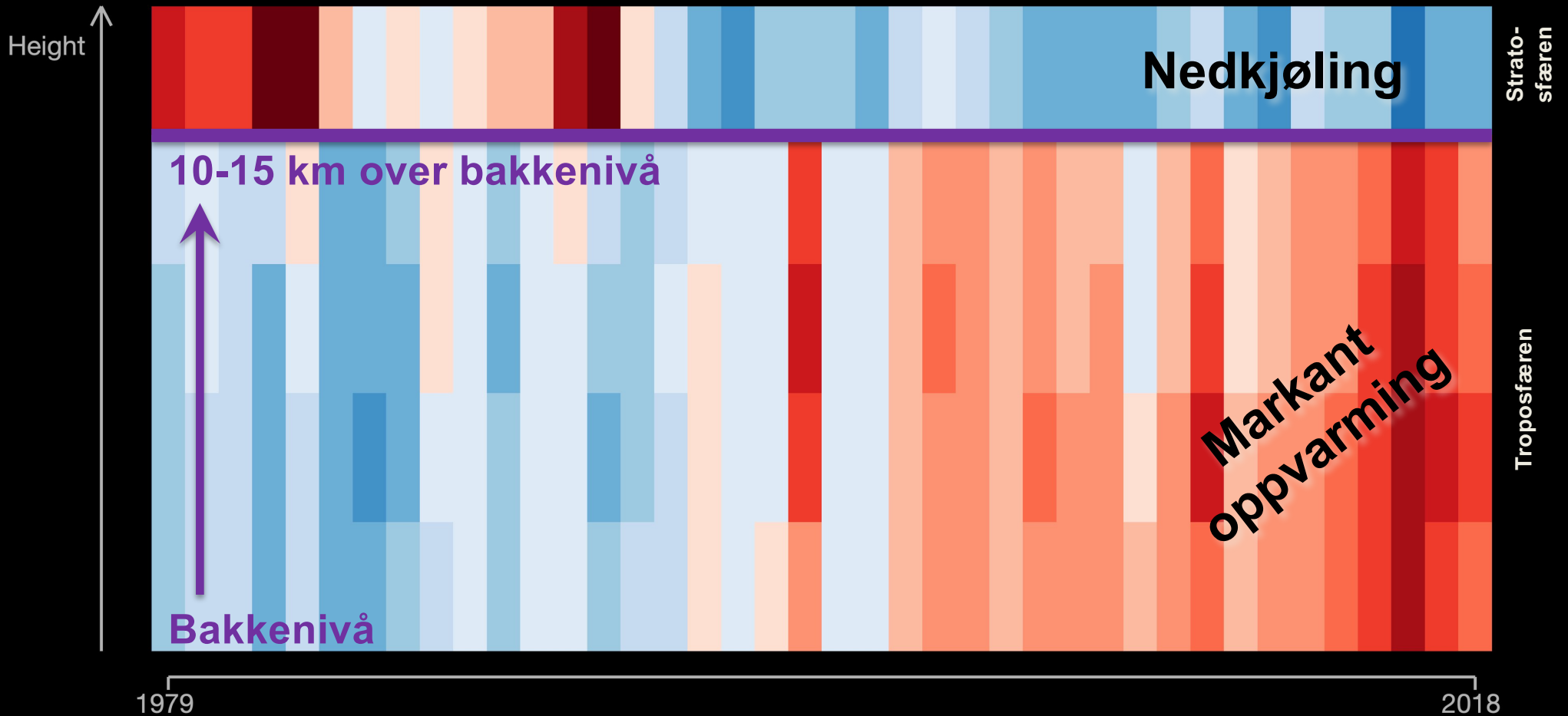


Data: Cowtan & Way (surface) and RSS (TLT, TTT, TMT, TLS)

@ed\_hawkins



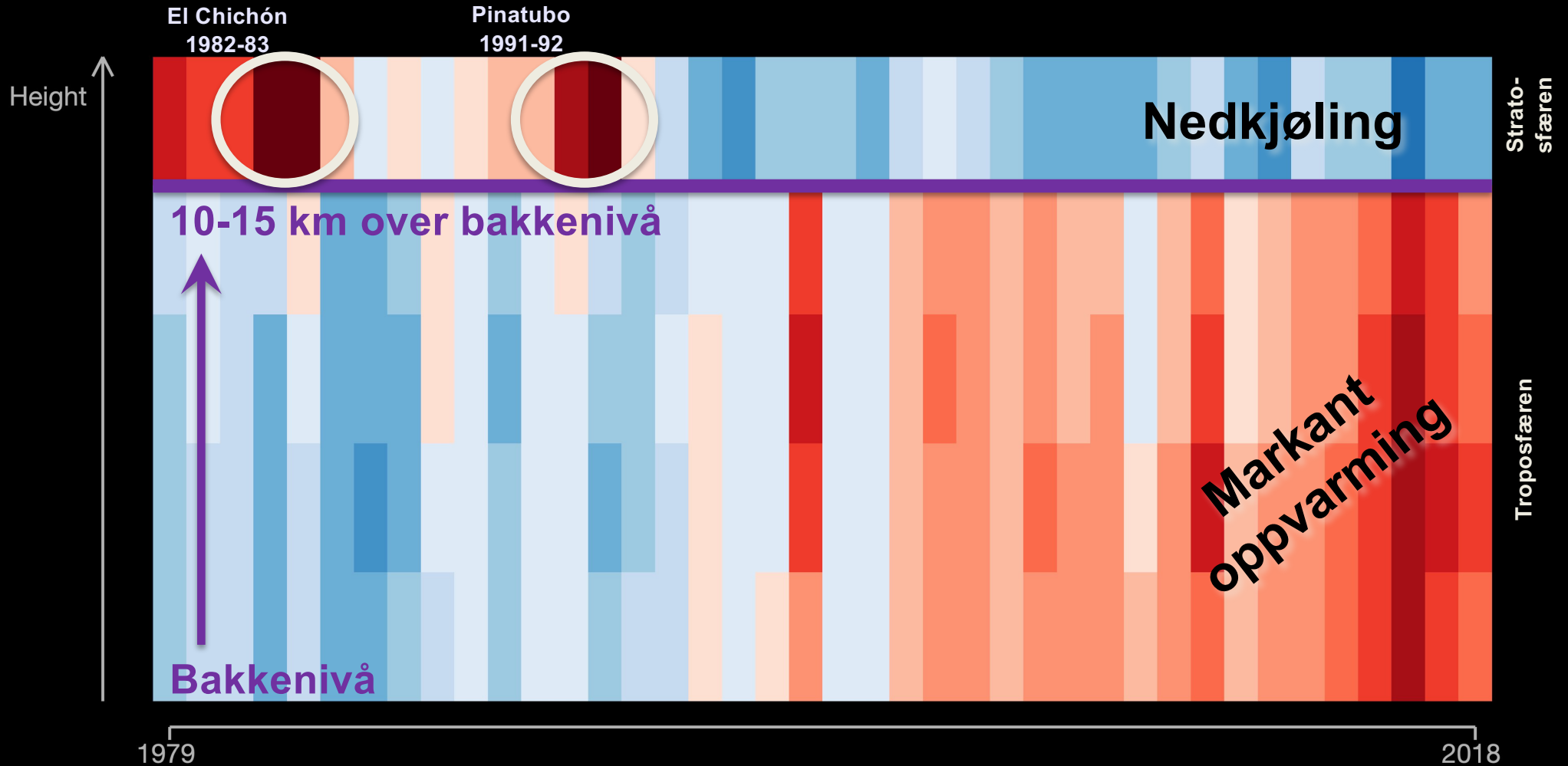
# Satellittmålt temperaturendring 1979-2018



Data: Cowtan & Way (surface) and RSS (TLT, TTT, TMT, TLS)

@ed\_hawkins

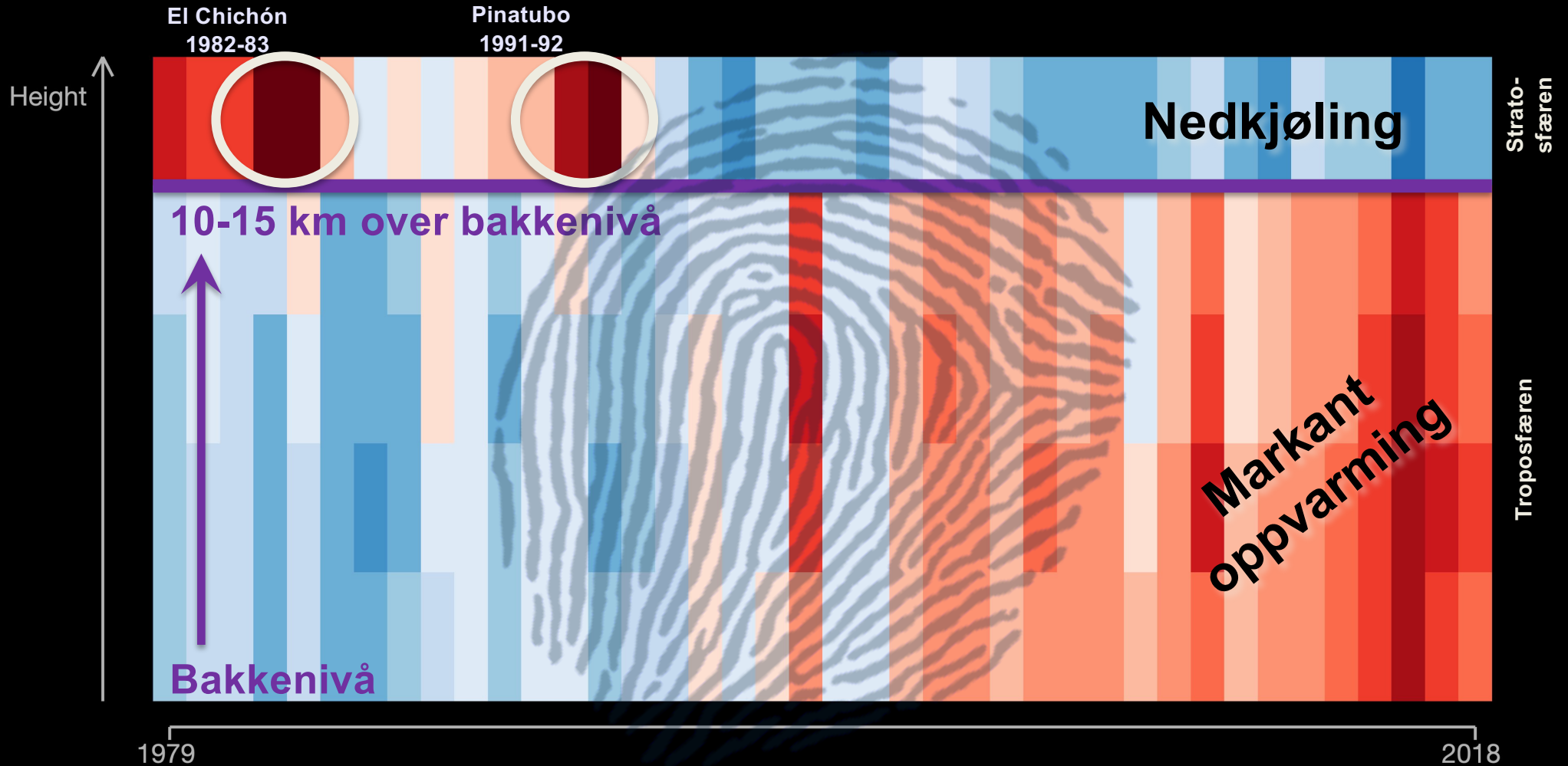
# Satellittmålt temperaturendring 1979-2018



Data: Cowtan & Way (surface) and RSS (TLT, TTT, TMT, TLS)

@ed\_hawkins

# Satellittmålt temperaturendring 1979-2018



Data: Cowtan & Way (surface) and RSS (TLT, TTT, TMT, TLS)

@ed\_hawkins

**Solen styrer klimaet.**

**Ja.**

**Men forklarer solen  
oppvarmingen etter 1950/1960?**

**Solen styrer klimaet.**

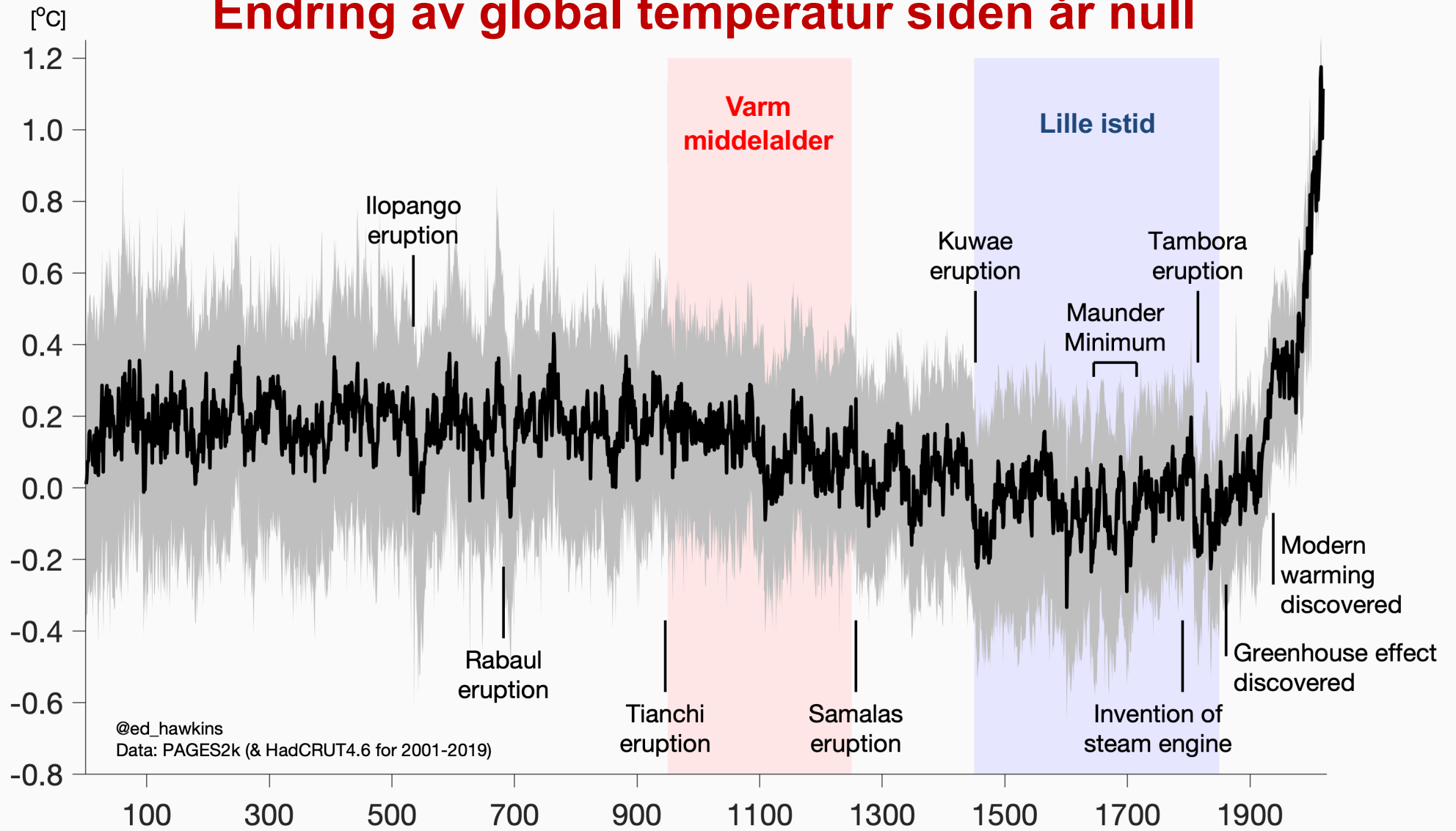
**Ja.**

**Men forklarer solen  
oppvarmingen etter 1950/1960?**

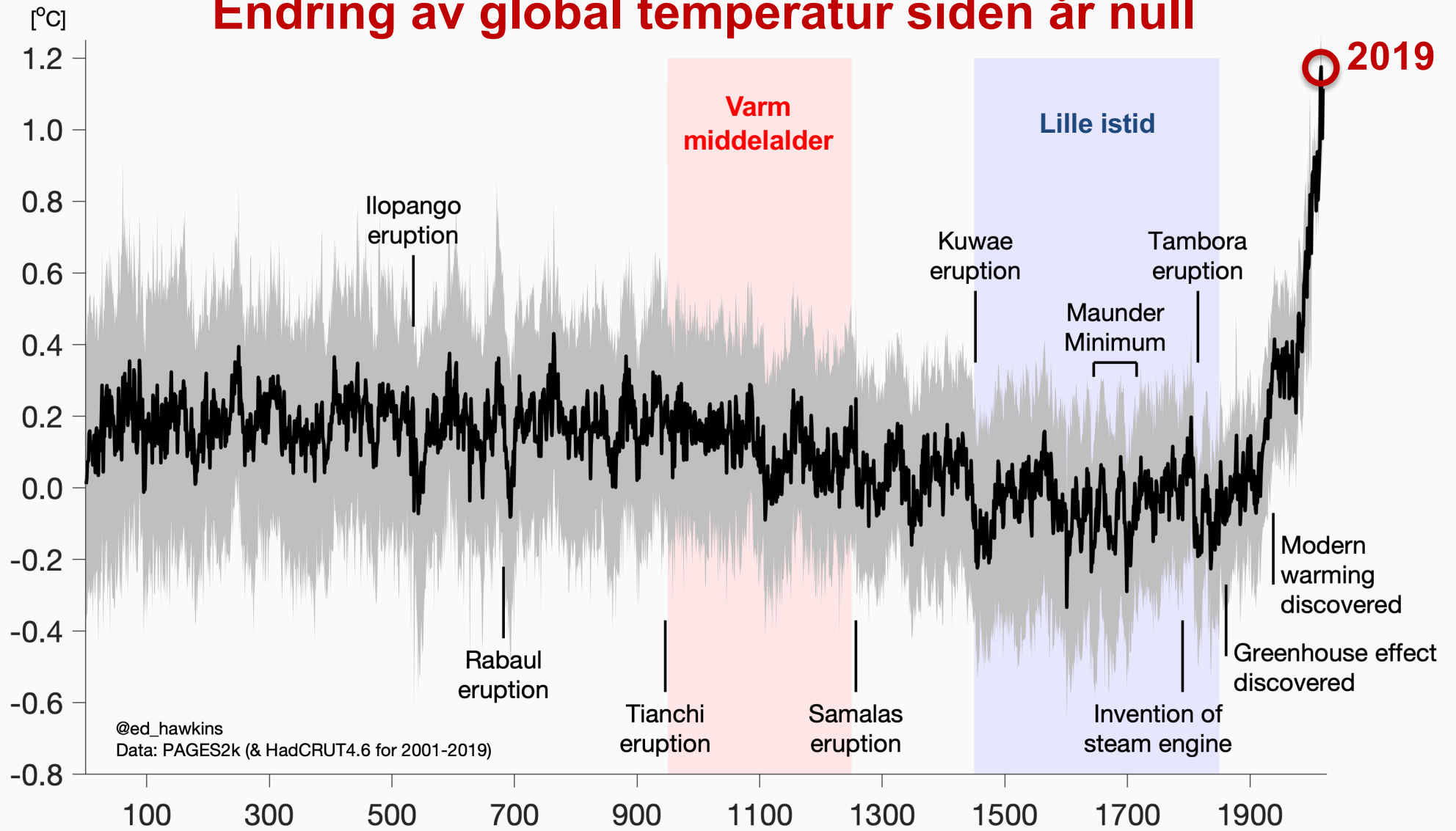
**Nei.** Solen skulle ført til nedkjøing.

**Det har vært varmere før**

# Endring av global temperatur siden år null

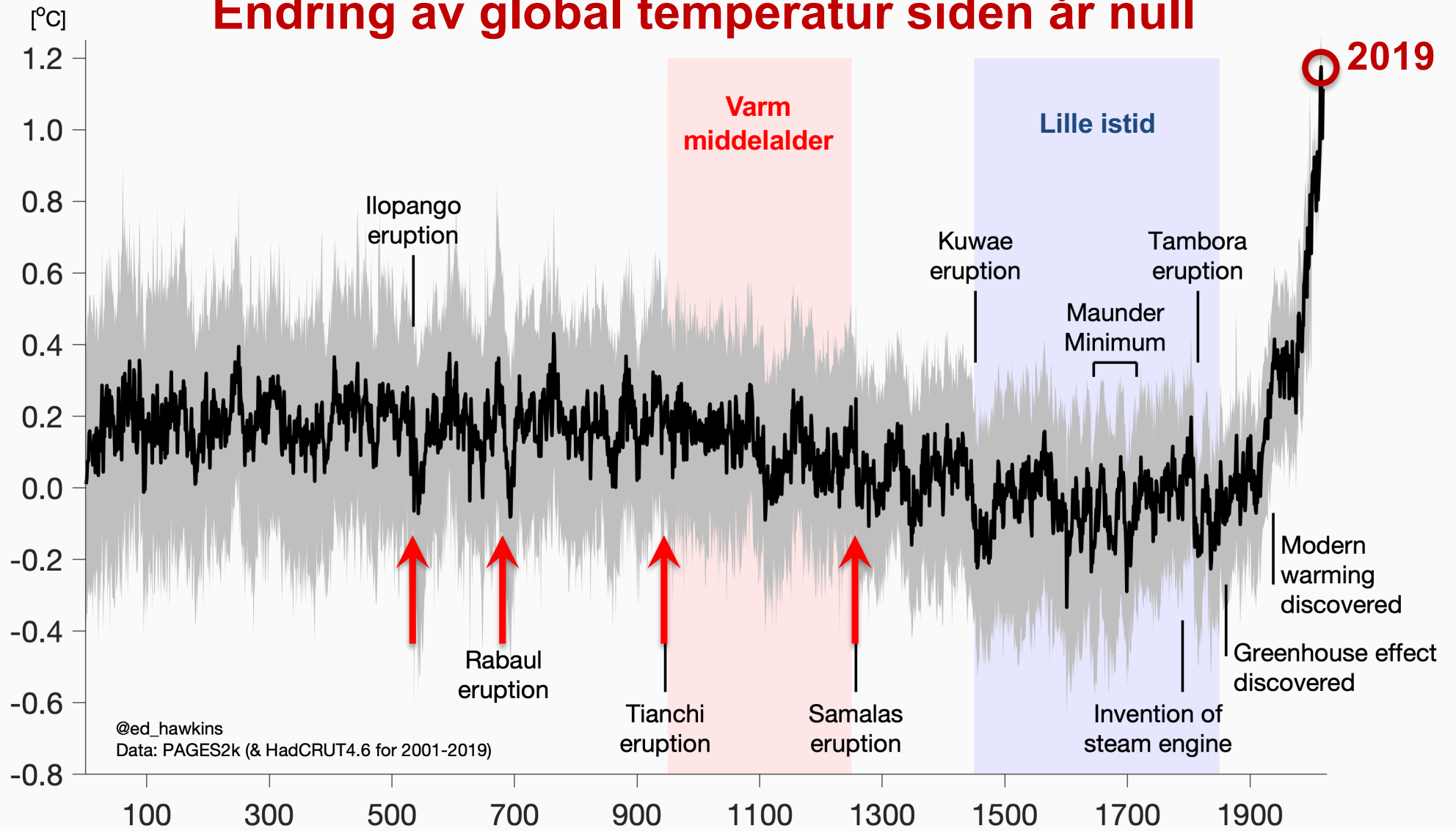


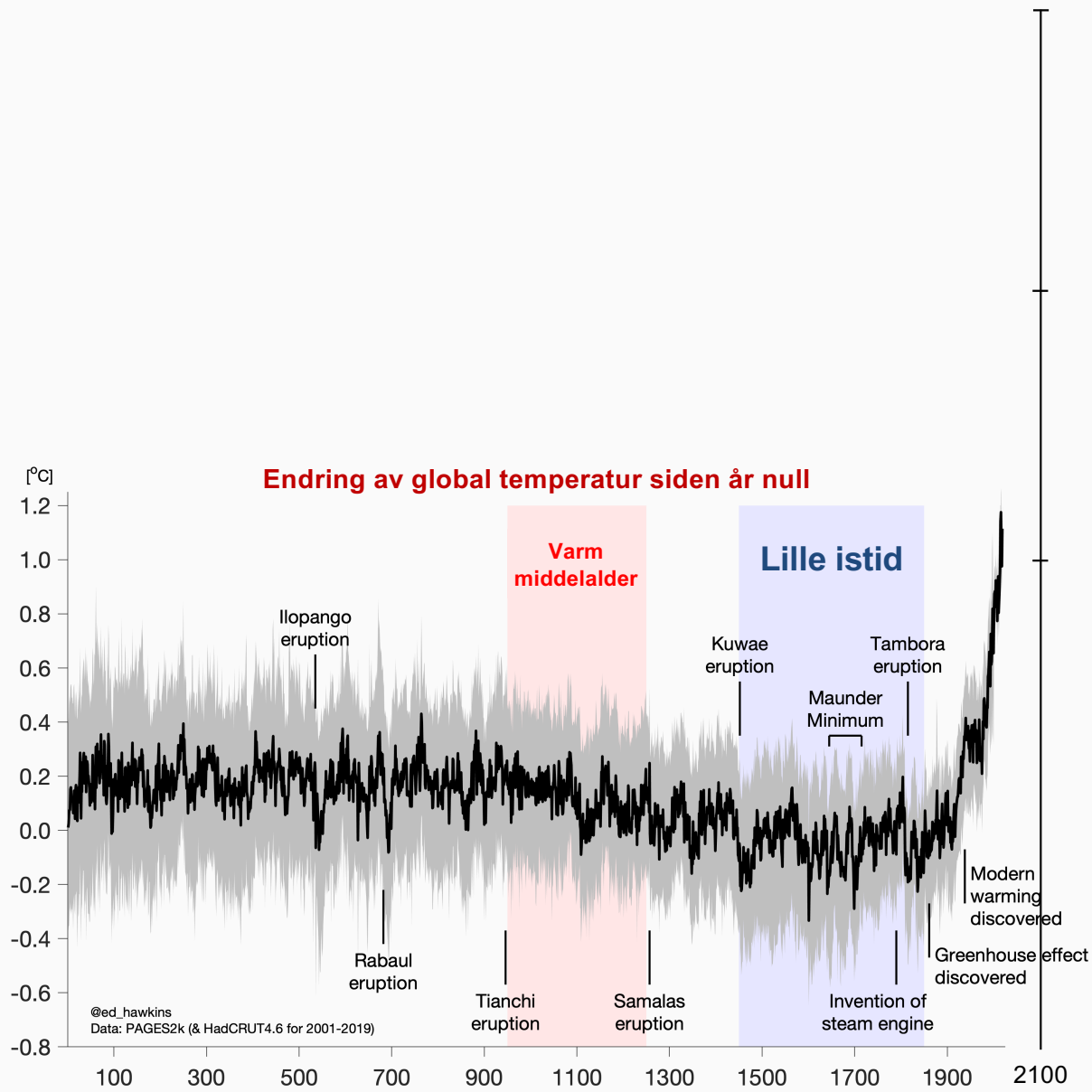
# Endring av global temperatur siden år null

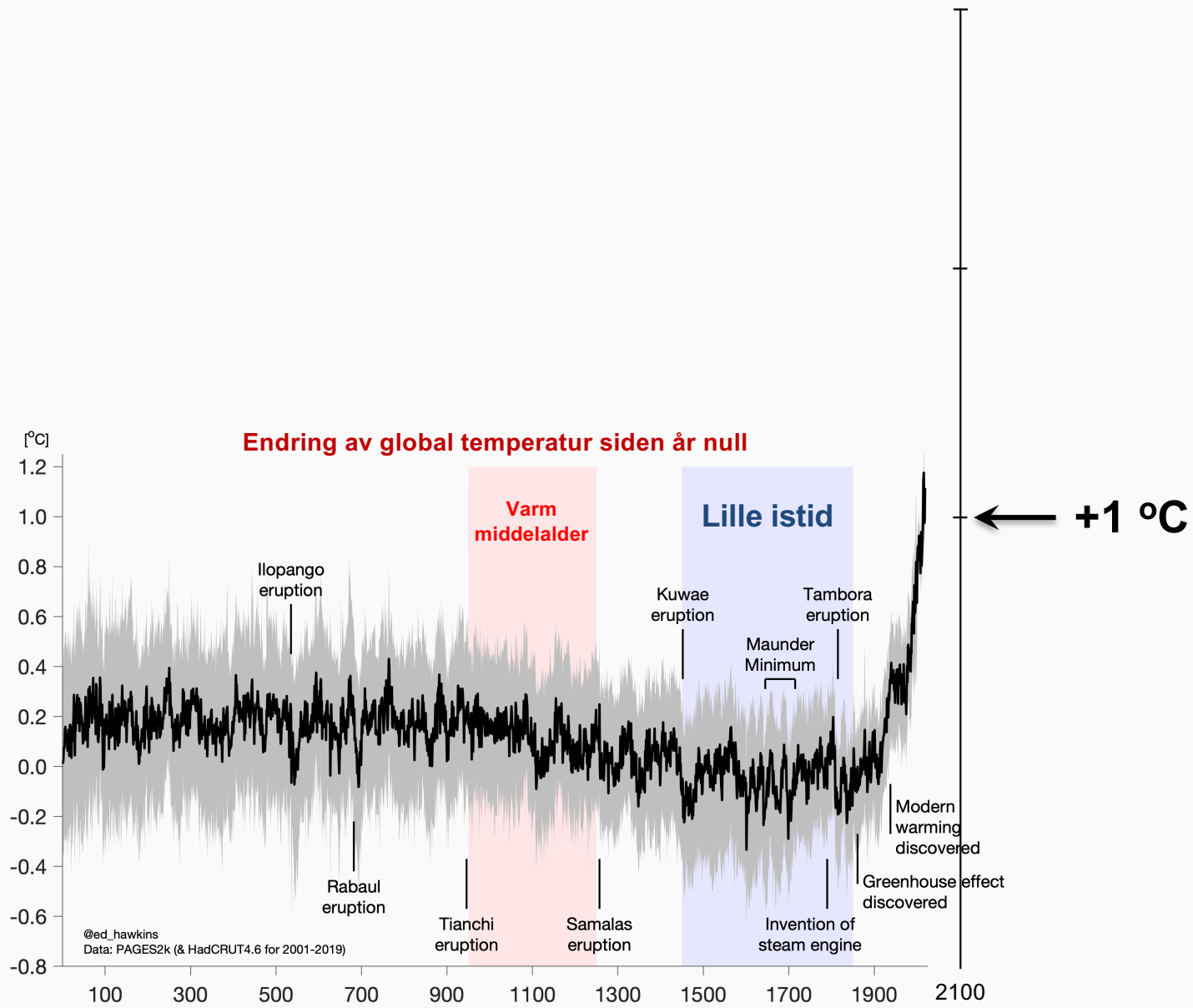


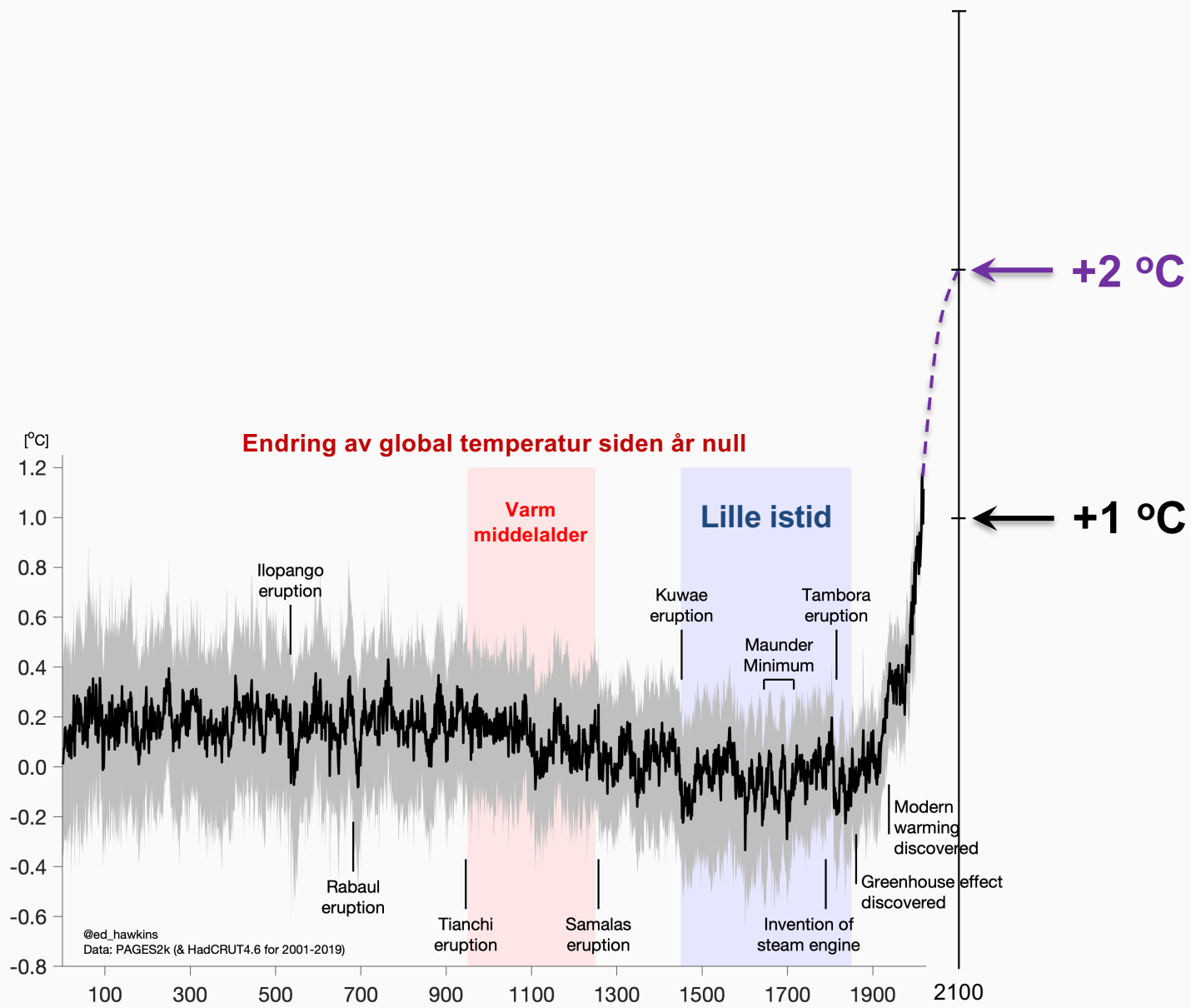


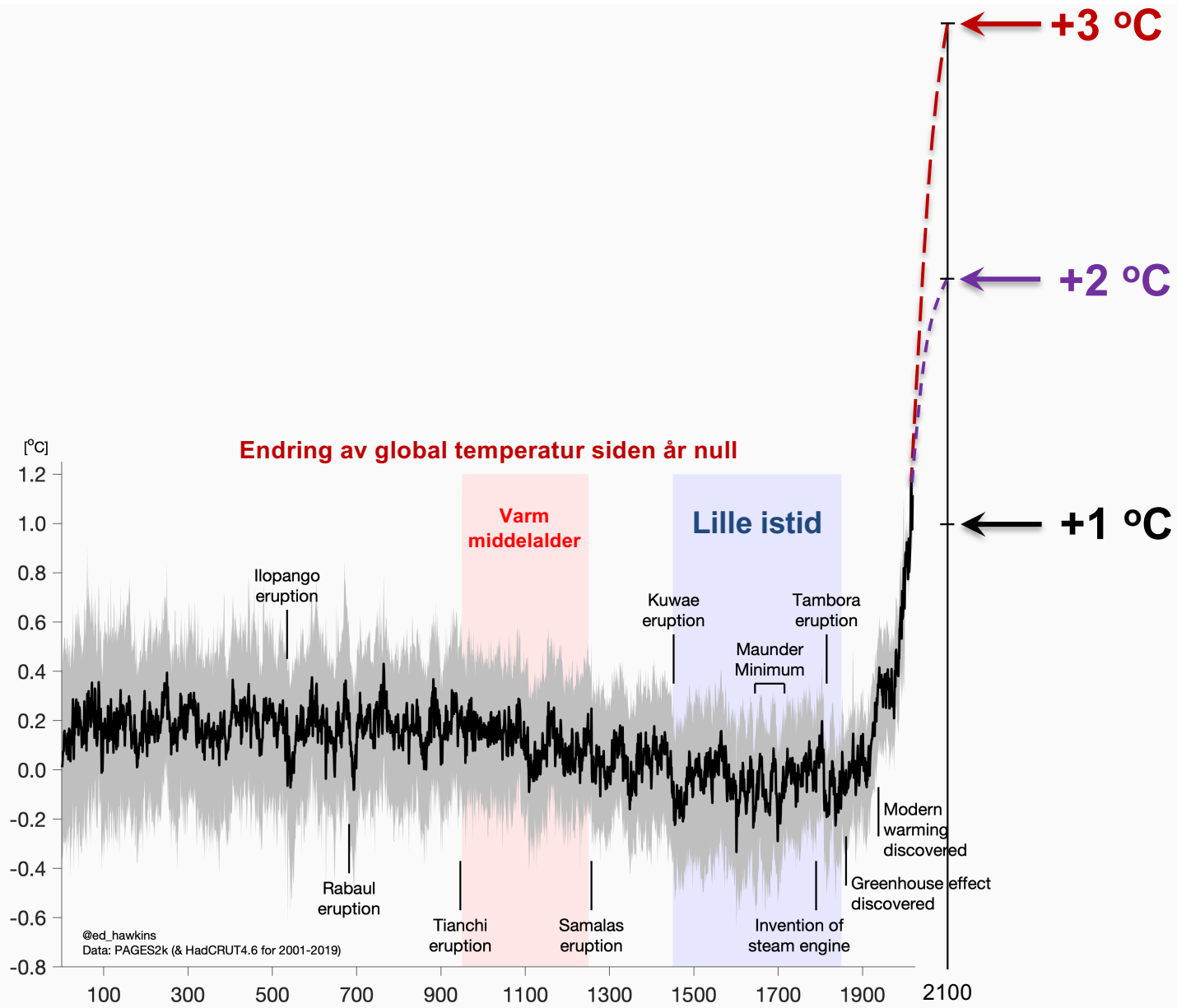
# Endring av global temperatur siden år null











**Det har vært varmere før**

# Det har vært varmere før

## Ja, men lite relevant, fordi:

- Vi ligger an til en oppvarming på 2 til 3+ grader i år 2100
- Må da ~3,2 mill. år tilbake for å finne et tilsvarende klima
- Det moderne mennesket har vært på jorden i 300,000 år
- Det er i dag ~8 milliarder mennesker på jorden