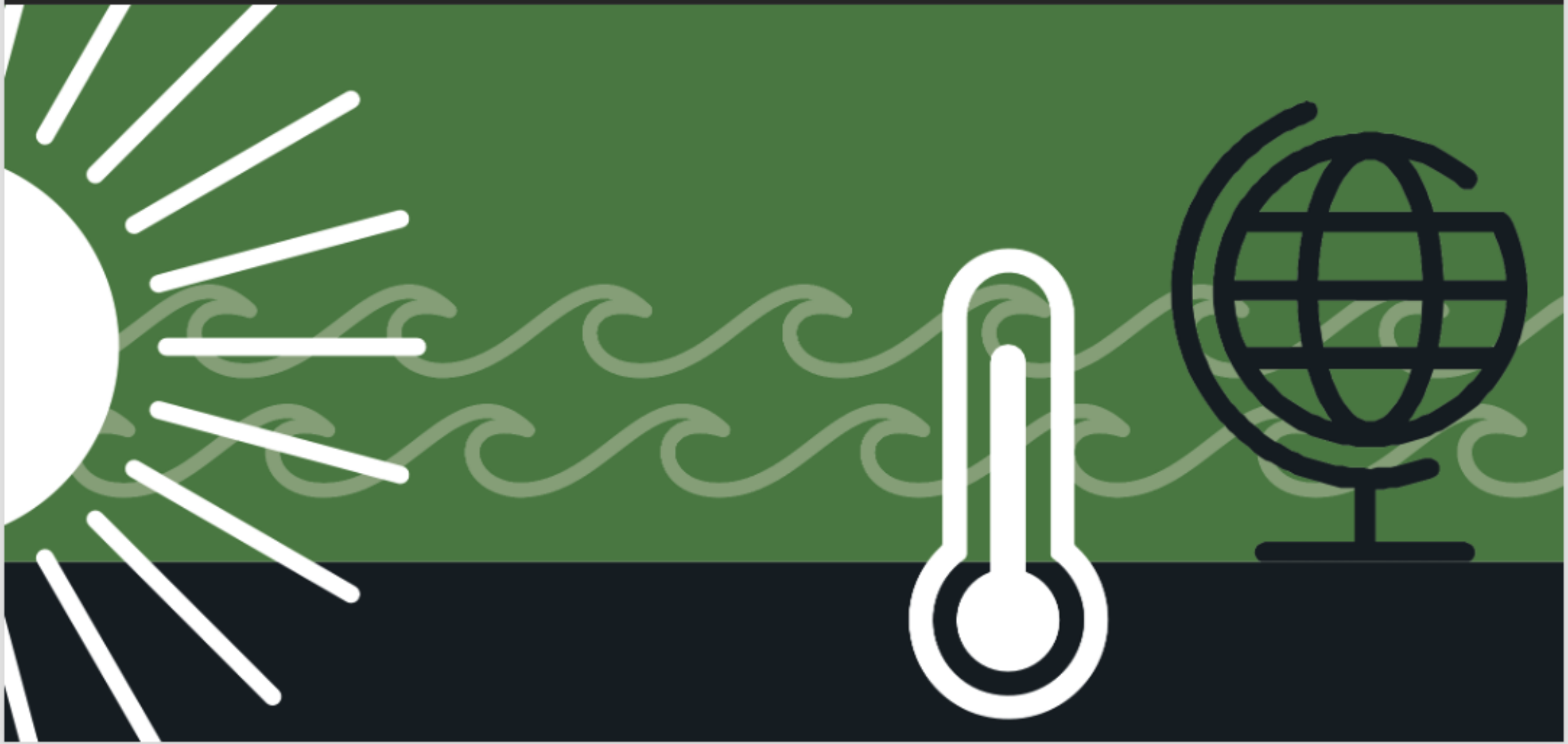


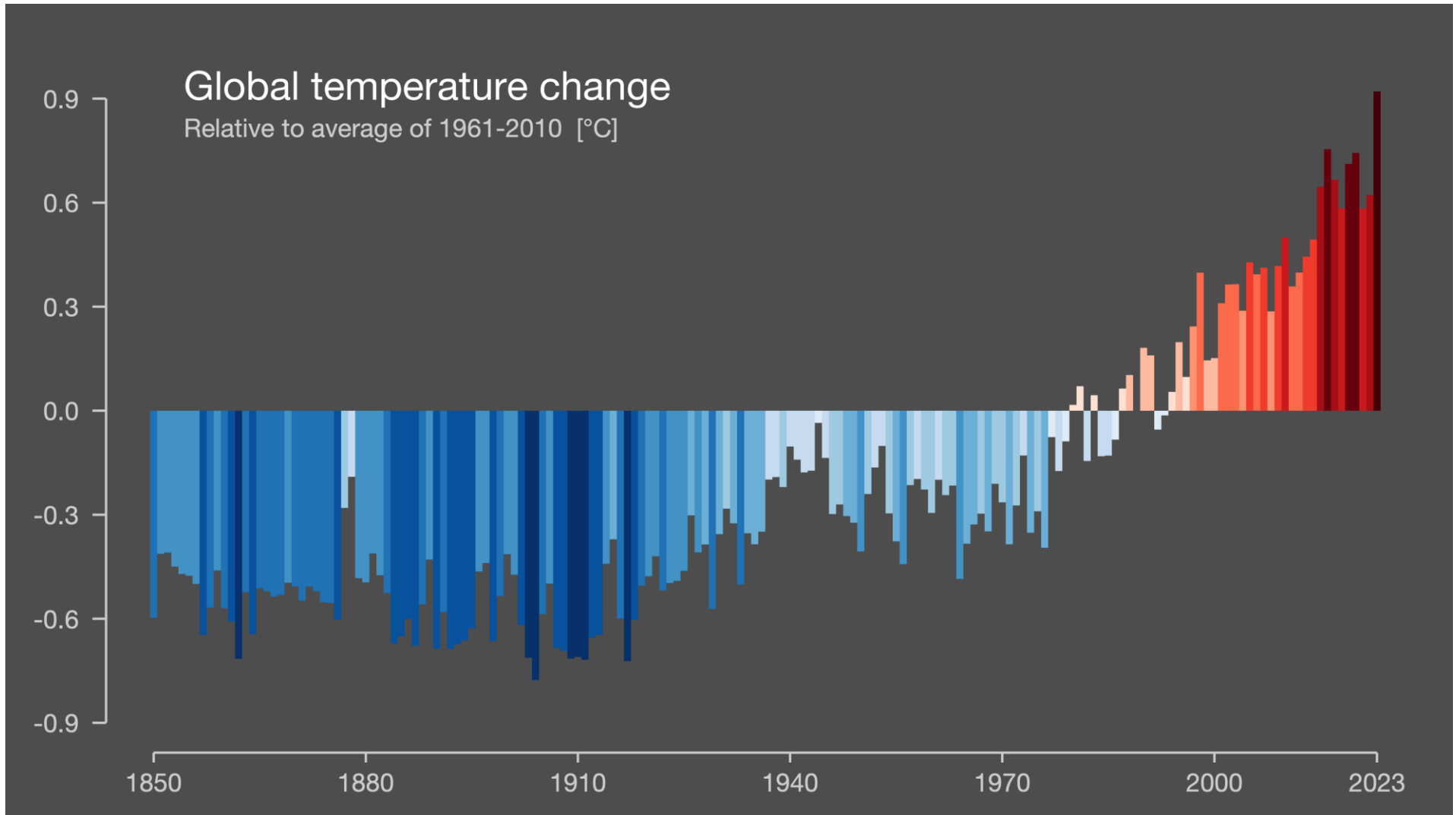


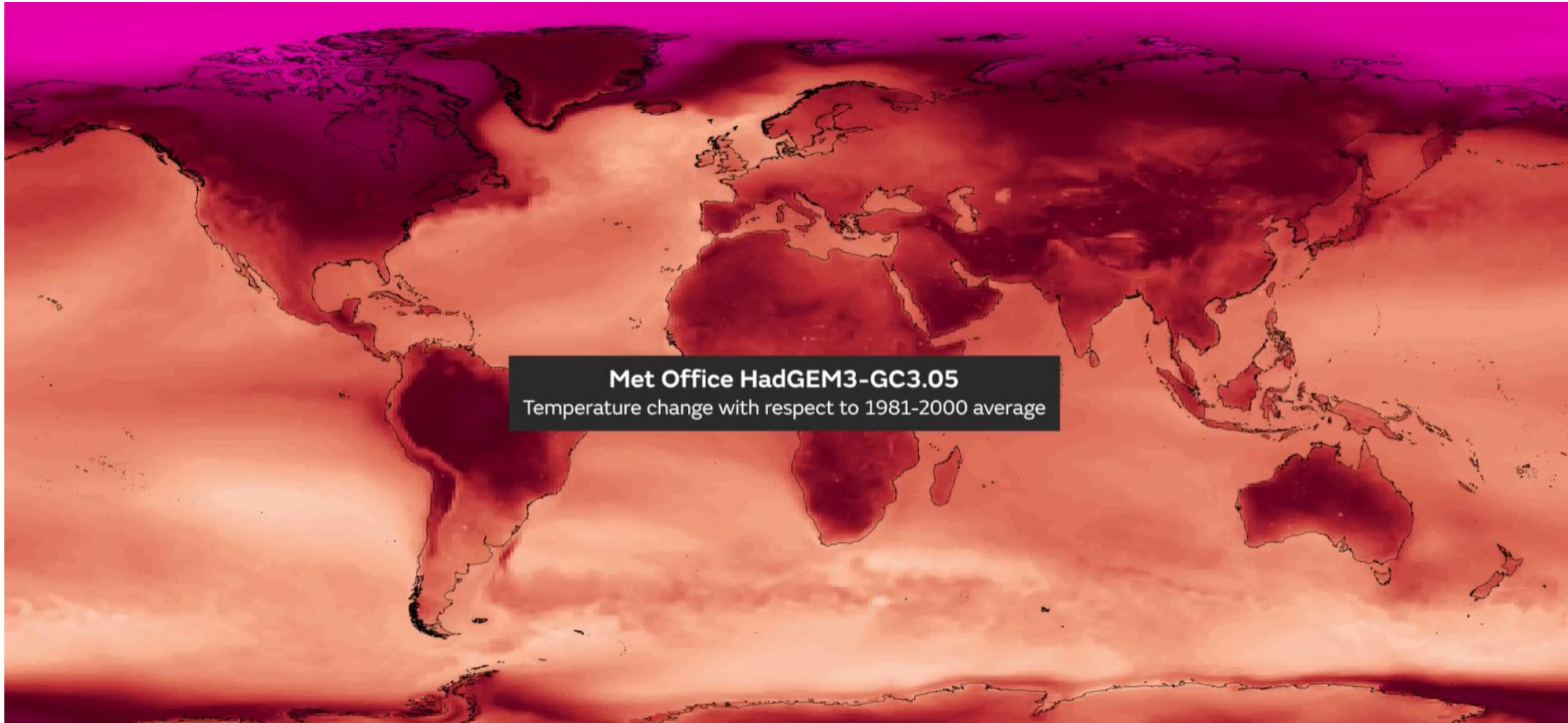
Session 2

– Climate change and 2050's forecast



<https://showyourstripes.info/> Professor Ed Hawkins







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NEWS

2023 was second warmest year on record for UK

Author: Press Office
13:17 (UTC) on Tue 2 Jan 2024

2023 was provisionally the second warmest year on record for the UK, with Wales and Northern Ireland having their respective warmest years in a series from 1884

<https://www.metoffice.gov.uk/about-us/press-office/news/weather-and-climate/2023/2023-was-second-warmest-year-on-record-for-uk>



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NEWS

Record breaking 2022 indicative of future UK climate

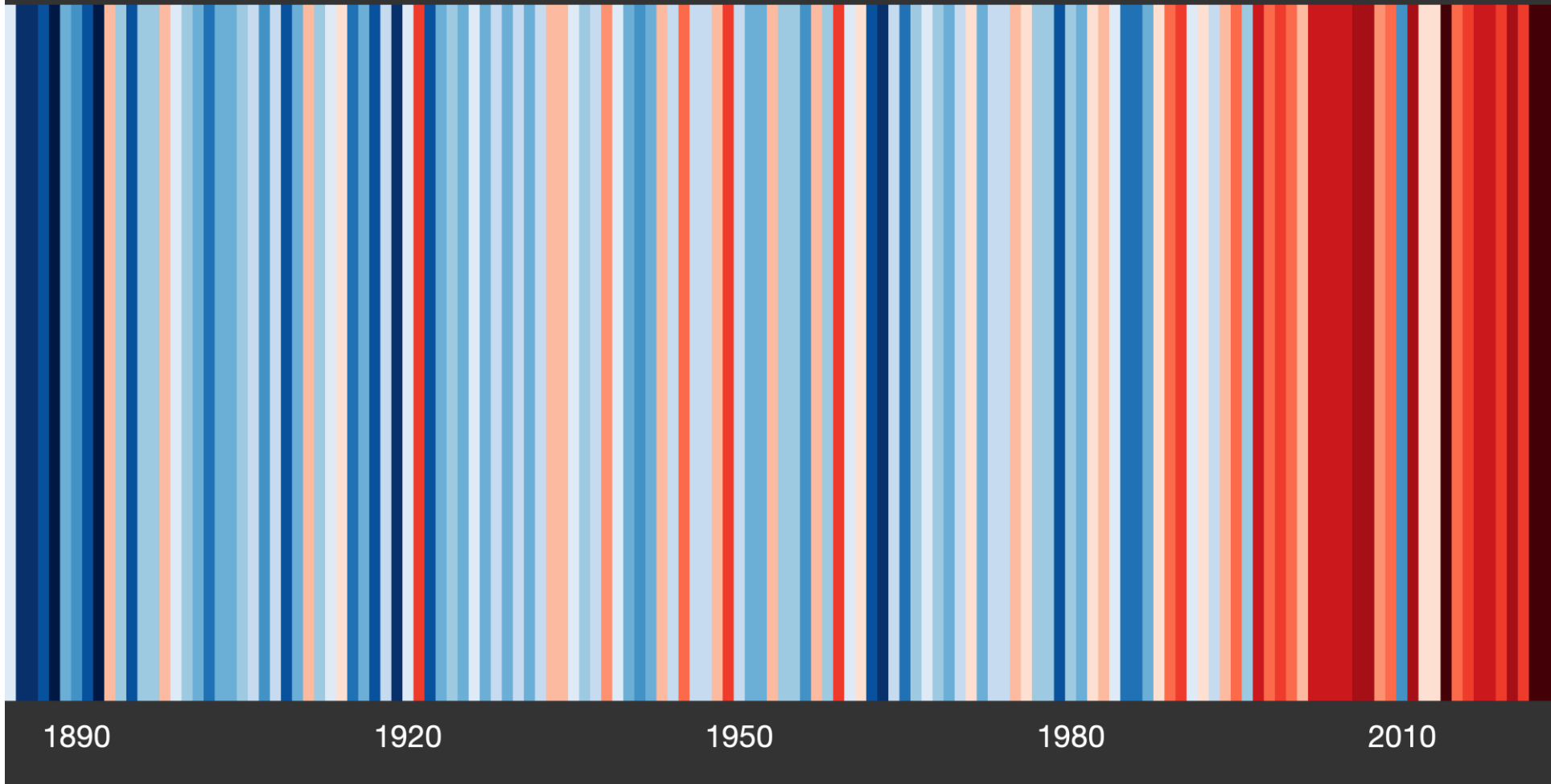
Author: Press Office
00:01 (UTC+1) on Thu 27 Jul 2023

2022 was a record-breaking year for weather and is a sign of the UK's changing climate.

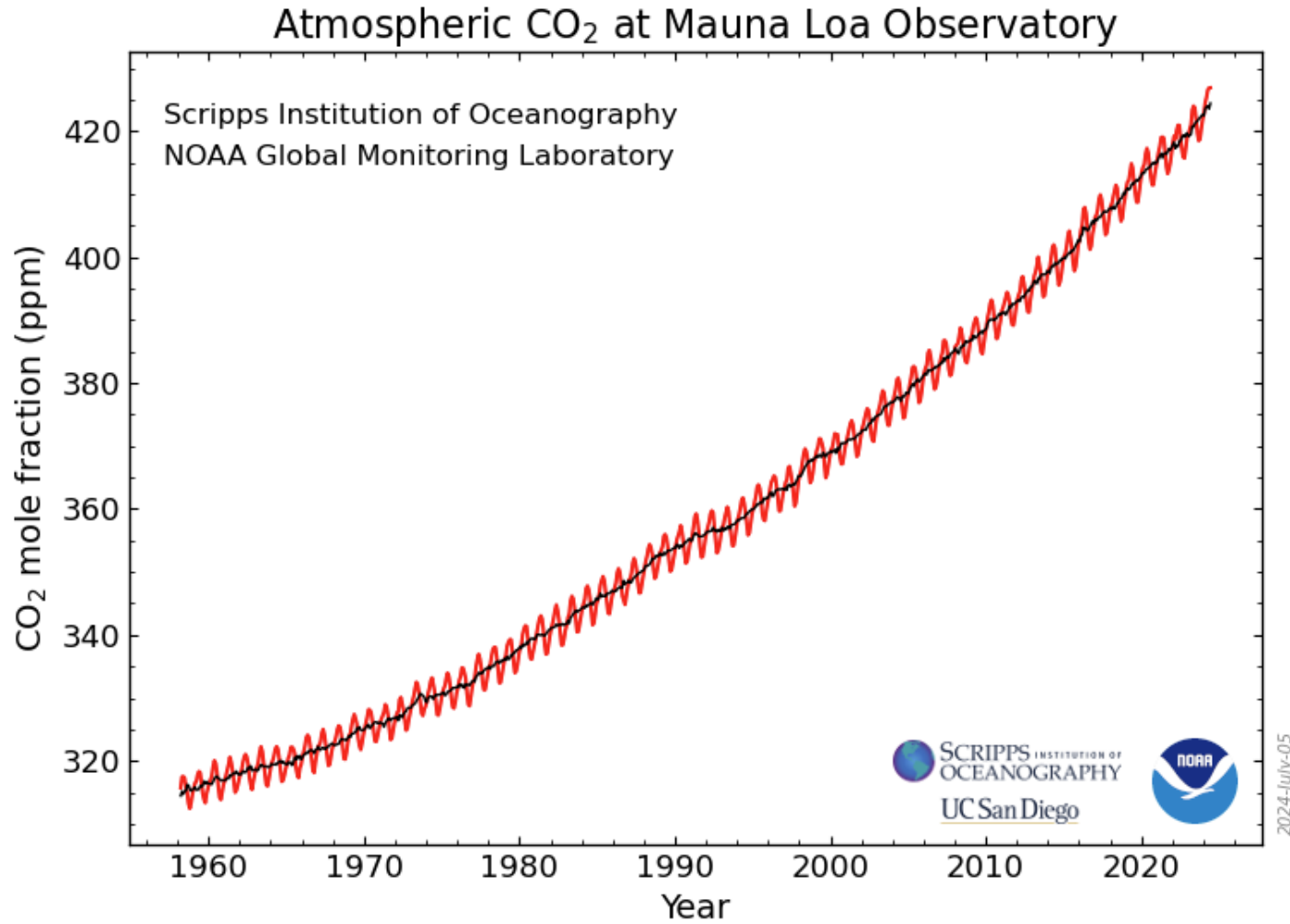
<https://www.metoffice.gov.uk/about-us/press-office/news/weather-and-climate/2023/record-breaking-2022-indicative-of-future-uk-climate>

Temperature change in United Kingdom since 1884

<https://showyourstripes.info/>



https://youtu.be/1e21KiPMm88?si=SaJCI_YGPMPPSJIY – Video explanation from Professor Ed Hawkins (University of Reading)



<https://gml.noaa.gov/cg/trends/mlo.html>



National Weather

Annie Shuttleworth
Meteorologist

Not actual weather forecast: Examples of
plausible weather based on climate projections

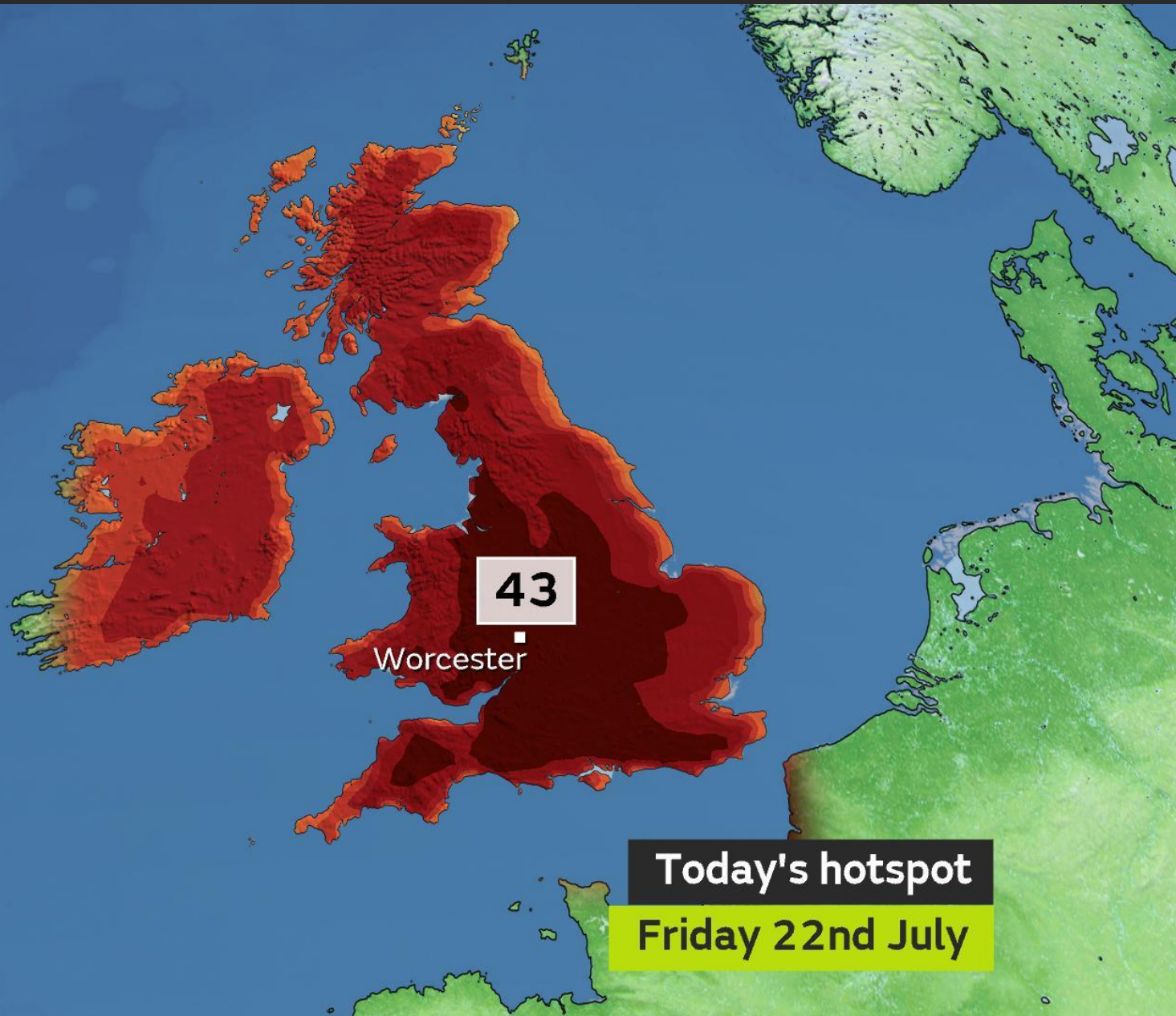
- **Headline:** Here you can introduce yourself, give the date and the headline messages for the forecast
- **Today's hotspot:** Today's highest temperature was in Worcester. Areas shaded in the darkest red are above 40 degrees.
- **Tonight:** What are the temperatures forecast to be overnight?
- **Bigger picture:** High pressure over the continent is drawing warm air over the UK. The low to the left might bring relief later in the weekend and next week.
- **Tomorrow:** For now though, the heatwave continues. How hot will it be tomorrow?

National Weather

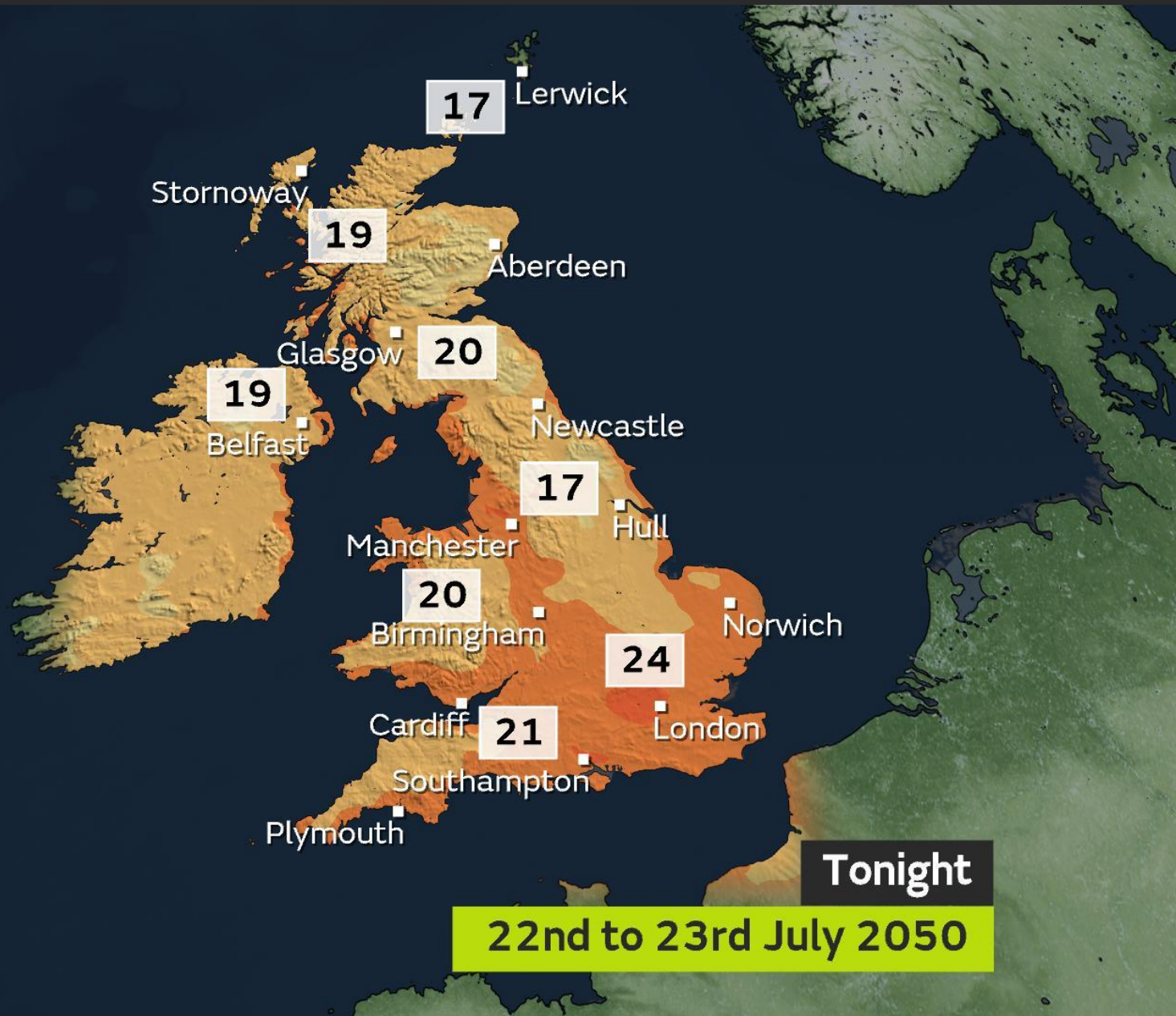
Aidan McGivern
Meteorologist

Not actual weather forecast: Examples of
plausible weather based on climate projection

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Today's hotspot
Friday 22nd July





Tomorrow
Saturday 23rd July 2050

