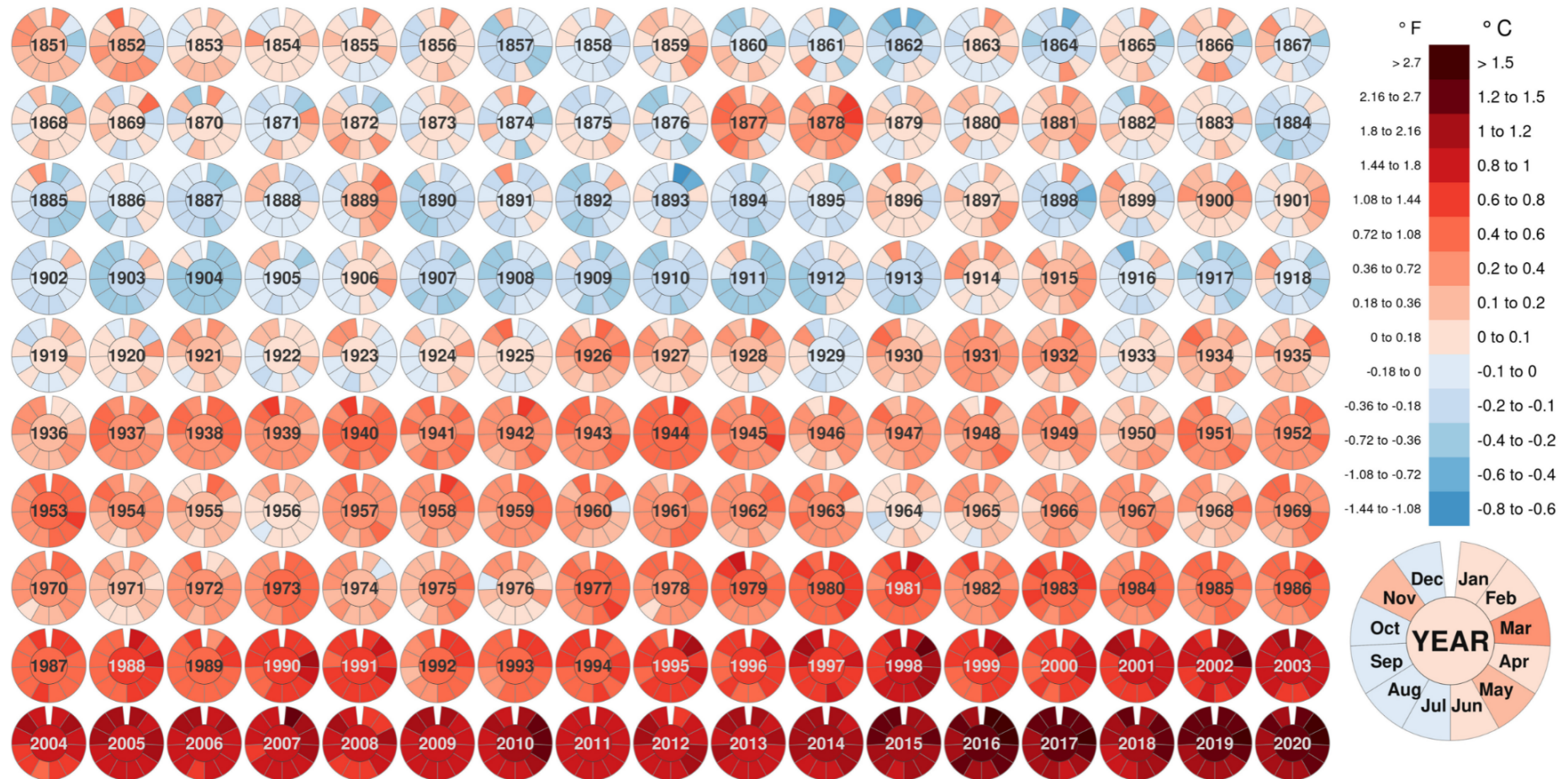


Monthly global mean temperature 1851 to 2020 (compared to 1850-1900 averages)



Data: HadCRUT5 - Created by: @neilrkaye

Global Temperature Graph (1851-2020)

Since 1880, the Earth's average surface temperature has risen by 0.07°C (0.13°F) every decade. That number alone may seem negligible, but over time, it adds up.

In addition, the rate of temperature change has grown significantly more dramatically over time—more than doubling to 0.18°C (0.32°F) since 1981. As a result of this global warming process, environmental crises have become the most prominent risks of our time.

In this global temperature graph, climate data scientist Neil R. Kaye breaks down how monthly average temperatures have changed over nearly 170 years. Temperature values have been benchmarked against pre-industrial averages (1850–1900).