

Our Warming World



WHAT MAKES A TREND?

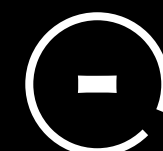
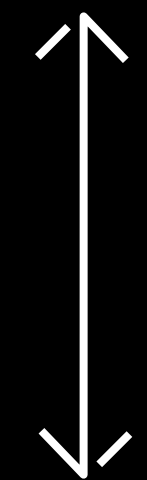
Evidence for climate change is not based on measurements from a single year or place. Many decades of data from instruments across the globe reveal an accelerated warming trend since the 1970s.

Earth is warming, and evidence clearly points to human activity as the cause.

The recent rise in global temperature has been observed in long-term measurements of the atmosphere and oceans. Current climate change—and its unusually rapid rate—is not apparent in one day or year. But over decades, an unmistakable warming trend becomes clear.

RISING GLOBAL TEMPERATURE

SLIDE to zoom
in and out



SLIDE to move through time



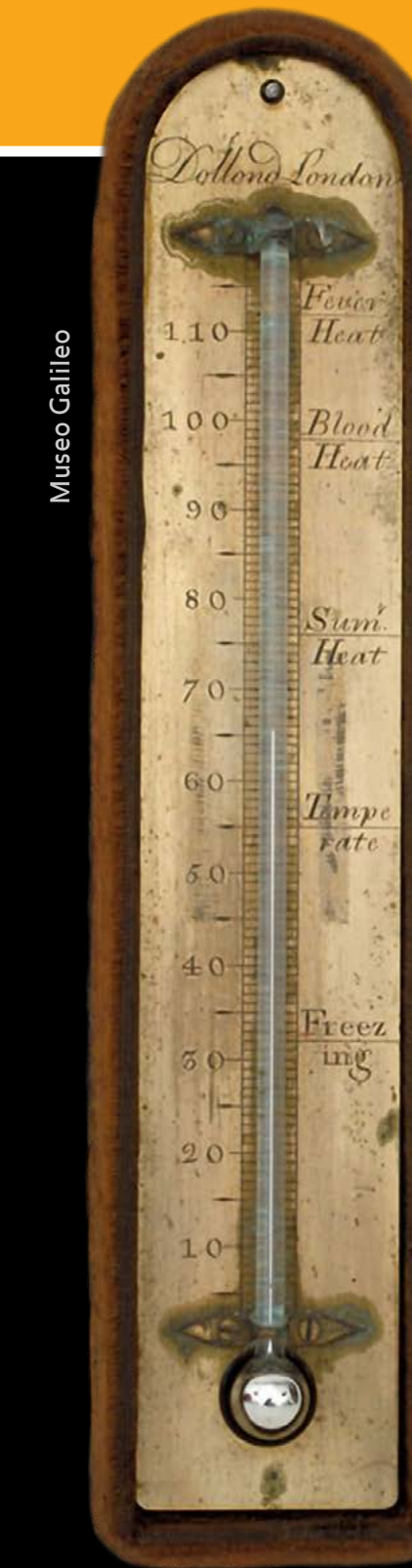
CAN YOU FIND...

The top three warmest years?

When the rate of warming increases?

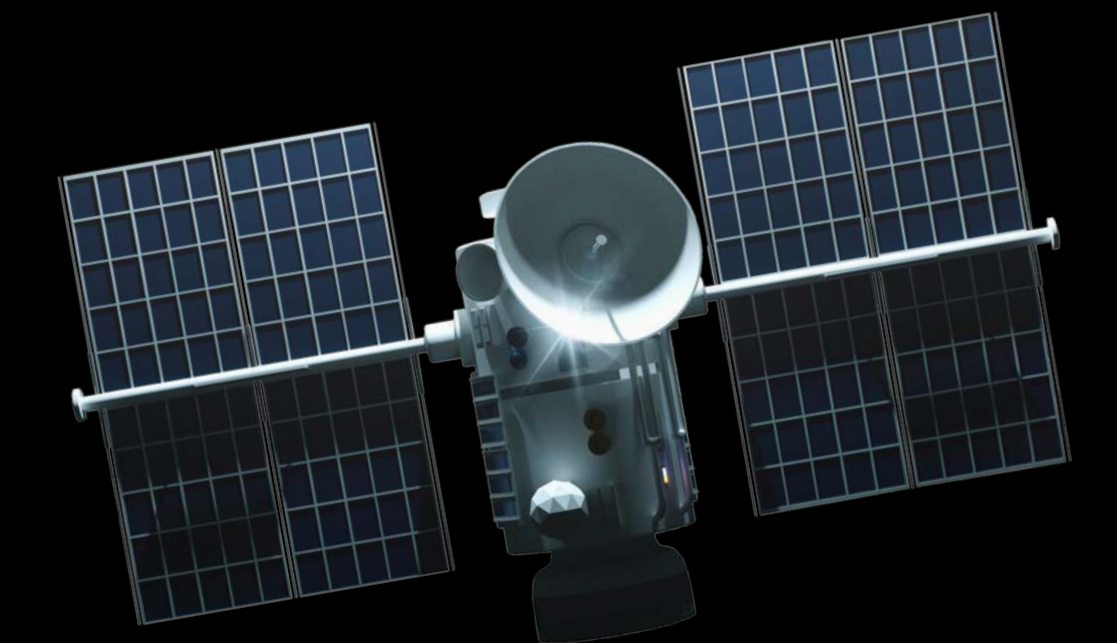
The last year global temperature was below average?

Tracking Modern Temperature



English mercury
thermometer, late 1700s

The Central England Temperature record **dates back to 1659**, making it the longest running temperature record in the world. Measurements from a single station may not reflect overall regional climate, so scientists use instruments spread throughout central England for the record. It is still updated daily by the UK Meteorological Office.



Weather monitoring satellite