

Climate Clowns



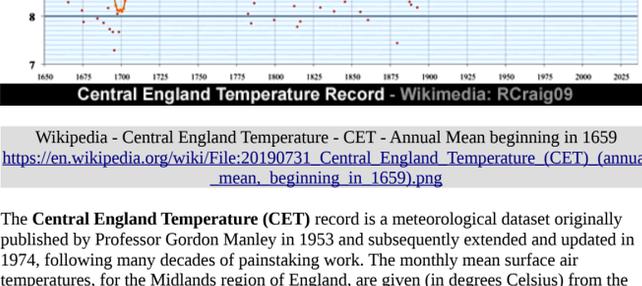
3rd November 2022

Roll up! Roll Up! The **Climate Circus** is coming to town.

The 2022 United Nations Climate Change Conference, more commonly referred to as Conference of the Parties of the UNFCCC, or **COP27**, will be the 27th United Nations Climate Change conference, to be held from **6 to 18 November 2022** in Sharm El Sheikh, Egypt.

Wikipedia - 2022 United Nations Climate Change Conference
<https://en.wikipedia.org/wiki/COP27>

The **Climate Clowns** begin by presenting their *degrees Celsius* temperature record of choice.



Wikipedia - Central England Temperature - CET - Annual Mean beginning in 1659
[https://en.wikipedia.org/wiki/File:20190731_Central_England_Temperature_\(CET\)_annual_mean_beginning_in_1659.png](https://en.wikipedia.org/wiki/File:20190731_Central_England_Temperature_(CET)_annual_mean_beginning_in_1659.png)

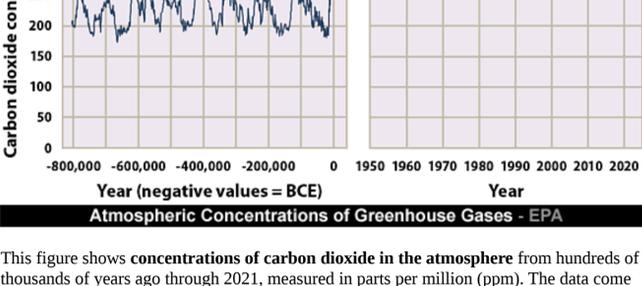
The **Central England Temperature (CET)** record is a meteorological dataset originally published by Professor Gordon Manly in 1953 and subsequently extended and updated in 1974, following many decades of painstaking work. The monthly mean surface air temperatures, for the Midlands region of England, are given (in degrees Celsius) from the year **1659 to the present**.

This record represents the longest series of monthly temperature observations in existence.

It is a valuable dataset for meteorologists and climate scientists. It is monthly from 1659, and a daily version has been produced from 1772. The monthly means from November 1722 onwards are given to a precision of 0.1 °C.

Wikipedia - Central England Temperature
https://en.wikipedia.org/wiki/Central_England_temperature

The **Climate Clowns** then reveal the official *hockey stick* atmospheric CO2 *parts per million* data.

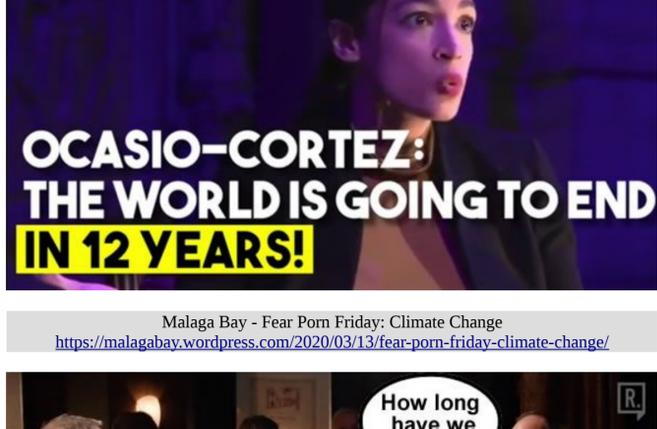


Global Atmospheric Concentrations of Carbon Dioxide Over Time
 United States Environmental Protection Agency
<https://www.epa.gov/climate-indicators/climate-change-indicators-atmospheric-concentrations-greenhouse-gases>

This figure shows **concentrations of carbon dioxide in the atmosphere** from hundreds of thousands of years ago through 2021, measured in parts per million (ppm). The data come from a variety of historical ice core studies and recent air monitoring sites around the world. Each line represents a different data source.

Wikipedia - Atmospheric Concentrations of Greenhouse Gases - EPA

The **Climate Clowns** traditionally finish their routine with a topical **Climate Emergency** news story.



Malaga Bay - Fear Porn Friday: Climate Change
<https://malagabay.wordpress.com/2020/03/13/fear-porn-friday-climate-change/>



Malaga Bay - Lies, Damn Lies and Climate Statistics
<https://malagabay.wordpress.com/2019/11/26/lies-damn-lies-and-climate-statistics/>



Greta Thunberg - Outside the Swedish parliament - August 2018 - Wikimedia: Anders Hellberg

A climate emergency declaration or declaring a climate emergency is an action taken by governments and scientists to acknowledge **humanity is in a climate emergency**.

The **first such declaration** was made by a local government in **December 2016**. Since then over 2,100 local governments in 39 countries have made climate emergency declarations (as of May 2022). Populations covered by jurisdictions that have declared a climate emergency amount to over 1 billion citizens.

On 29 April 2019, the **Welsh Government** declared a climate emergency, which was subsequently passed by its parliament, the Senedd, on 1 May 2019, when it **became the first in the world to officially declare a climate emergency**.

Wikipedia - Climate Emergency Declaration
https://en.wikipedia.org/wiki/Climate_emergency_declaration

The only thing more absurd than blaming humans for "climate change" is assuming politicians can stop it from changing.
 Martin Armstrong - 27 Oct 2017

Malaga Bay - The Great Cnuts of Climate
<https://malagabay.wordpress.com/2017/10/27/the-great-cnuts-of-climate/>

Luckily, it's easy to convert their *degrees Celsius* data into *degrees Kelvin* for analysis.

	from Celsius	to Celsius
Fahrenheit	$x\text{ }^{\circ}\text{C} \equiv (x \times \frac{9}{5} + 32)\text{ }^{\circ}\text{F}$	$x\text{ }^{\circ}\text{F} \equiv (x - 32) \times \frac{5}{9}\text{ }^{\circ}\text{C}$
Kelvin	$x\text{ }^{\circ}\text{C} \equiv (x + 273.15)\text{ K}$	$x\text{ K} \equiv (x - 273.15)\text{ }^{\circ}\text{C}$
Rankine	$x\text{ }^{\circ}\text{C} \equiv (x + 273.15) \times \frac{9}{5}\text{ }^{\circ}\text{R}$	$x\text{ }^{\circ}\text{R} \equiv (x - 491.67) \times \frac{5}{9}\text{ }^{\circ}\text{C}$

For temperature *intervals* rather than specific temperatures,
 $1\text{ }^{\circ}\text{C} = 1\text{ K} = \frac{9}{5}\text{ }^{\circ}\text{F} = \frac{9}{5}\text{ }^{\circ}\text{R}$

Wikipedia - Celsius
<https://en.wikipedia.org/wiki/Celsius>

The **kelvin**, symbol K, is the **primary unit of temperature** in the International System of Units (SI), used alongside its prefixed forms and the degree Celsius. It is named after the Belfast-born and University of Glasgow based engineer and physicist William Thomson, 1st Baron Kelvin (1824–1907). The Kelvin scale is an absolute thermodynamic temperature scale, meaning it uses **absolute zero as its null (zero) point**.

Wikipedia - Kelvin
https://en.wikipedia.org/wiki/Degrees_Kelvin

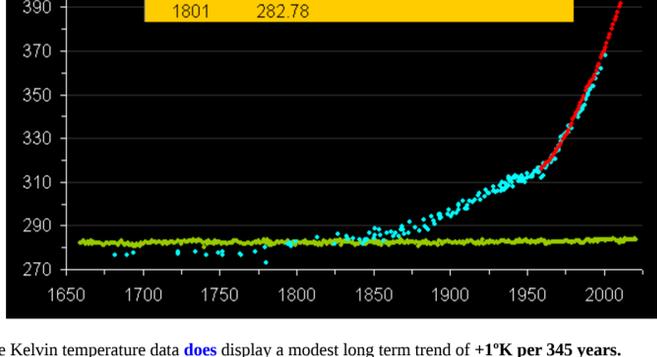
The Kelvin climate data includes a remarkable **sweet spot** around 1800 where [in whole numbers] the **Mean CET of 282 °K** is aligned with **282 ppm of atmospheric CO2**.

	A	B	C	D	E
1		Year	Mean CET °K	Antarctic Ice Cores CO2	Mauna Loa
155		1795.9		282.30	
156		1796	282.17		
157		1796.5		280.40	
158		1797	282.18		
159		1798	282.78		
160		1799	281.07		
161		1799.3		282.80	
162		1800	282.43		
163		1801	282.78		
164		1802	282.13		
165		1803	282.24		
166		1804	282.74		

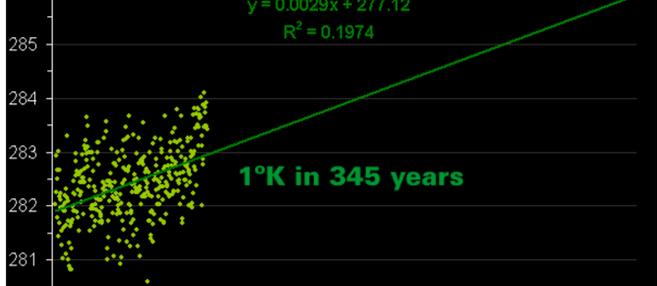
Wikipedia - Central England Temperature - CET - Annual Mean beginning in 1659
[https://en.wikipedia.org/wiki/File:20190731_Central_England_Temperature_\(CET\)_annual_mean_beginning_in_1659.png](https://en.wikipedia.org/wiki/File:20190731_Central_England_Temperature_(CET)_annual_mean_beginning_in_1659.png)

EPA - Global Atmospheric Concentrations of Carbon Dioxide Over Time
<https://www.epa.gov/climate-indicators/climate-change-indicators-atmospheric-concentrations-greenhouse-gases>

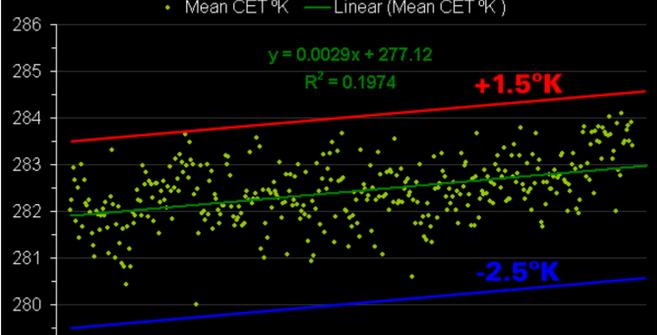
The Kelvin climate data shows **no** obvious relationship between temperatures and CO2.



But the Kelvin temperature data **does** display a modest long term trend of **+1°K per 345 years**.



If this trend continues for the next 345 years it's **very unlikely** anybody would notice the extra 1°K because the CET mean temperature typically fluctuates [remarkably randomly] within a **4°K range**.



As always:

Review the evidence and decide for yourself whether to laugh and/or cry at the **Climate Clowns**.

