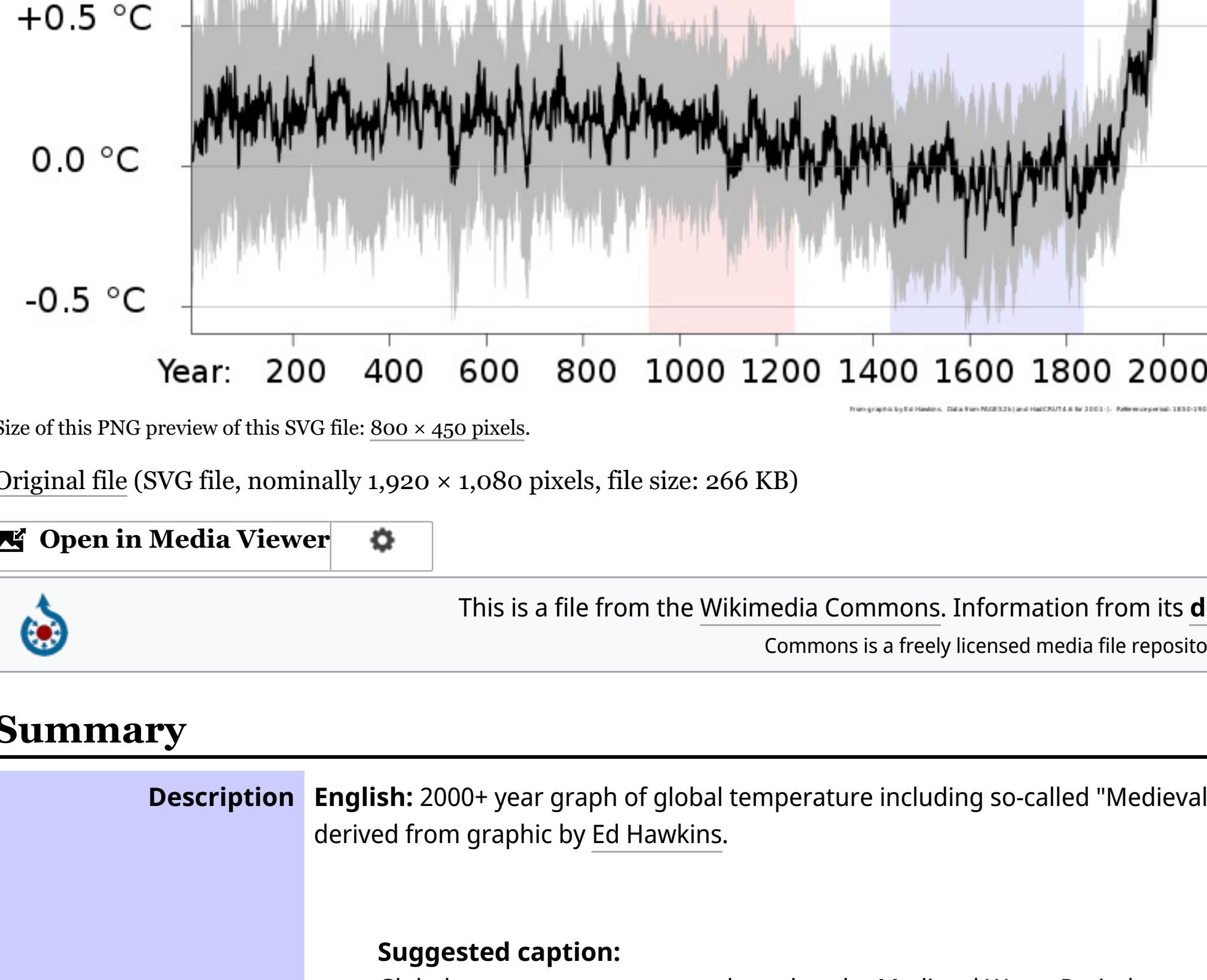


# File:2000+ year global temperature including Medieval Warm Period and Little Ice Age - Ed Hawkins.svg

## Global Average Temperature Change



Size of this PNG preview of this SVG file: 800 x 450 pixels.

Original file (SVG file, nominally 1,920 × 1,080 pixels, file size: 266 KB)

[Open in Media Viewer](#)

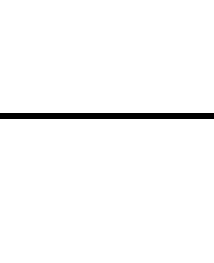
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## Summary

Description	English: 2000+ year graph of global temperature including so-called "Medieval Warm Period" (shaded in pink) and "Little Ice Age" (shaded in blue) - derived from graphic by Ed Hawkins.
Suggested caption:	Global average temperatures show that the Medieval Warm Period was not a planet-wide phenomenon, and that the Little Ice Age was not a distinct planet-wide time period but rather the end of a long temperature decline that preceded recent global warming. <small>name=Hawkins_20200130&gt;{{cite web  last=Hawkins  first=Ed  title=2019 years  url=https://www.climate-lab-book.ac.uk/2020/2019-years/  website=climate-lab-book.ac.uk  archiveurl=https://web.archive.org/web/20200202220240/https://www.climate-lab-book.ac.uk/2020/2019-years/  archivedate=February 2, 2020  date=January 30, 2020  url-status=live }} ("The data show that the modern period is very different to what occurred in the past. The often quoted Medieval Warm Period and Little Ice Age are real phenomena, but small compared to the recent changes.")&lt;/ref&gt;</small>
Source:	derived from graphic by: <ul style="list-style-type: none"><li>■ Hawkins, Ed, 2019 years (<a href="https://web.archive.org/web/20200202220240/https://www.climate-lab-book.ac.uk/2020/2019-years/">https://web.archive.org/web/20200202220240/https://www.climate-lab-book.ac.uk/2020/2019-years/</a>). <small>climate-lab-book.ac.uk</small></li><li>■ Hawkins cites data sources: "PAGES2k (and HadCRUT4.6 for 2001–2019)"</li><li>■ Bottom of Ed Hawkins' professional blog page states: "These blog pages &amp; images are licensed under a Creative Commons Attribution-ShareAlike 4.0 International License."</li><li>■ Archive link to Hawkins original PNG image: <a href="https://web.archive.org/web/20200302051704/http://blogs.reading.ac.uk/climate-lab-book/files/2020/01/lia_mwp-1.png">https://web.archive.org/web/20200302051704/http://blogs.reading.ac.uk/climate-lab-book/files/2020/01/lia_mwp-1.png</a></li></ul>
Graphics notes:	<ol style="list-style-type: none"><li>1. Version 1 SVG includes two invisible layers:<ul style="list-style-type: none"><li>- a bitmap image of the black trace and gray area</li><li>- a bitmap image of the entire Ed Hawkins graphic, used to properly align graph &amp; axes etc.</li></ul></li><li>1. To reduce file size, Version 2 will exclude these two invisible layers.</li></ol>
Date	8 March 2020
Source	Own work
Author	RCraig09
Other versions	<ul style="list-style-type: none"><li>■ <a href="#">Arabic version</a> PNG (February 2021)</li><li>■ <a href="#">Czech version</a> (December 2021)</li></ul>

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## File history

Click on a date/time to view the file as it appeared at that time.

Date/Time	Thumbnail	Dimensions	User	Comment
current 05:22, 5 May 2021	<a href="#">Global Average Temperature Change</a>	1,920 × 1,080 (266 KB)	RCraig09	Version 5: moved vertical axis' text left to avoid ongoing svg text rendering problems for some thumbnail magnifications. :-)
04:55, 5 May 2021	<a href="#">Global Average Temperature Change</a>	1,920 × 1,080 (266 KB)	RCraig09	Version 4: removed ~25K of "stuff" that Inkscape introduced . . . simplified text (to sans-serif only) and grid lines
21:45, 9 March 2020	<a href="#">Global Average Temperature Change</a>	1,920 × 1,080 (290 KB)	RCraig09	Version 3: Simplified gray Path in Inkscape, to reduce number of nodes and reduce file size. . . . Added reference period to tiny text in bottom right.
18:20, 8 March 2020	<a href="#">Global Average Temperature Change</a>	1,920 × 1,080 (386 KB)	RCraig09	Version 2: From SVG file, I removed two raster image layers (black trace + gray area, and copy of Ed Hawkins' original CC-SA 4.0 image that was used to align graph to axes, etc in Version 1). . . . Done to reduce file size.
18:14, 8 March 2020	<a href="#">Global Average Temperature Change</a>	1,920 × 1,080 (1.13 MB)	RCraig09	Uploaded own work with UploadWizard

## File usage

The following pages on the English Wikipedia use this file (pages on other projects are not listed):

- Global temperature record
- Late Antique Little Ice Age
- Little Ice Age
- Little Ice Age volcanism
- Medieval Warm Period
- Societal collapse
- Temperature record of the last 2,000 years
- Talk:Climate change/Archive 80
- Talk:Little Ice Age volcanism
- Template:Did you know nominations/Little Ice Age volcanism
- Portal:Climate change
- Portal:World

## Global file usage

The following other wikis use this file:

- Usage on ar.wikipedia.org

■ العصر الجليدي الصغير

- Usage on azb.wikipedia.org

■ كيچى بوز جاغى

- Usage on be.wikipedia.org

■ Субатлантычны перыяд

- Usage on bg.wikipedia.org

■ Средновековен топъл период

■ Малък ледников период

■ Хронология на промените в околната среда

- Usage on bn.wikipedia.org

■ মধ্যাঞ্চিক উষ্ণ পর

■ ক্ষুদ্র হিমারঞ্জন

- Usage on ca.wikipedia.org

■ Petita Edat de Gel

■ Óptim climàtic medieval

- Usage on da.wikipedia.org

■ Middelalderlige varmeperiode

- Usage on el.wikipedia.org

■ Μεσαιωνική Θερμή Περίοδος

■ Μεταλασική εποχή

- Usage on en.wikiversity.org

■ Geochronology/Medieval Warm Period

- Usage on eo.wikipedia.org

■ Malgranda glacia epoko

- Usage on es.wikipedia.org

■ Período cálido medieval

■ Vulcanismo durante la Pequeña Edad de Hielo

- Usage on eu.wikipedia.org

■ Izotz Aro Txikia

■ Erdi Aroko Beroaldia

- Usage on fi.wikipedia.org

■ Myöhäisantiikin pieni jääkausi

- Usage on fr.wikipedia.org

■ Variabilité et changements climatiques

■ Climatologie historique

■ Historique des températures des 2000 dernières années

- Usage on ga.wikipedia.org

■ Painéal Idir-Rialtasach ar an Athrú Aeráide

■ Tréimhse The na Meánoise

- Usage on he.wikipedia.org

■ יונתן גראן

- Usage on it.wikipedia.org

■ Piccola era glaciale

■ Cambiamento climatico

■ Paleoclimatologia

■ Periodo caldo medieval

- Usage on ja.wikipedia.org

■ 前近代

- Usage on ko.wikipedia.org

■ 소빙기

- Usage on nl.wikipedia.org

■ Kleine IJstijd

■ Middeleeuws klimaatoptimum

- Usage on pt.wikipedia.org

■ Pequena Idade do Gelo

- Usage on simple.wikipedia.org

■ Global warming

■ Temperature record of the past 1000 years

■ Little Ice Age

■ Medieval Warm Period

- Usage on sl.wikipedia.org

■ Mala ledena doba

- Usage on sv.wikipedia.org
  - Lilla istiden
  - Medeltida värmeperioden
- Usage on te.wikipedia.org
- Usage on tr.wikipedia.org
  - Küçük Buz Çağı
  - Orta Çağ Sıcak Dönemi
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