

To enjoy the full Mail & Guardian online experience: [please upgrade your browser](#)

Mail & Guardian Account Login

email: <input type="text"/>	password: <input type="password"/>	<input type="button" value="login"/>
-----------------------------	------------------------------------	--------------------------------------

- [forgot password?](#)
- [create a new account](#)

- [Travel](#)
- [Jobs](#)
- [Property](#)
- [Tenders](#)
- [Dating](#)
- [Login / Register](#)



- [News](#)
- [Opinion](#)
- [Business](#)
- [Arts & Culture](#)
- [Education](#)
- [Sci-Tech](#)
- [Multimedia](#)
- [Special Reports](#)
- [In The Paper](#)
- [zapiro](#)
- [Partners](#)
- [hippo.co.za](#)

- [amaBhungane](#)
- [MG Africa](#)
- [M&G Events](#)
- [M&G Women](#)
- [News Day](#)

- [Thought Leader](#)
- [200 Young South Africans](#)
- [Voices of Africa](#)

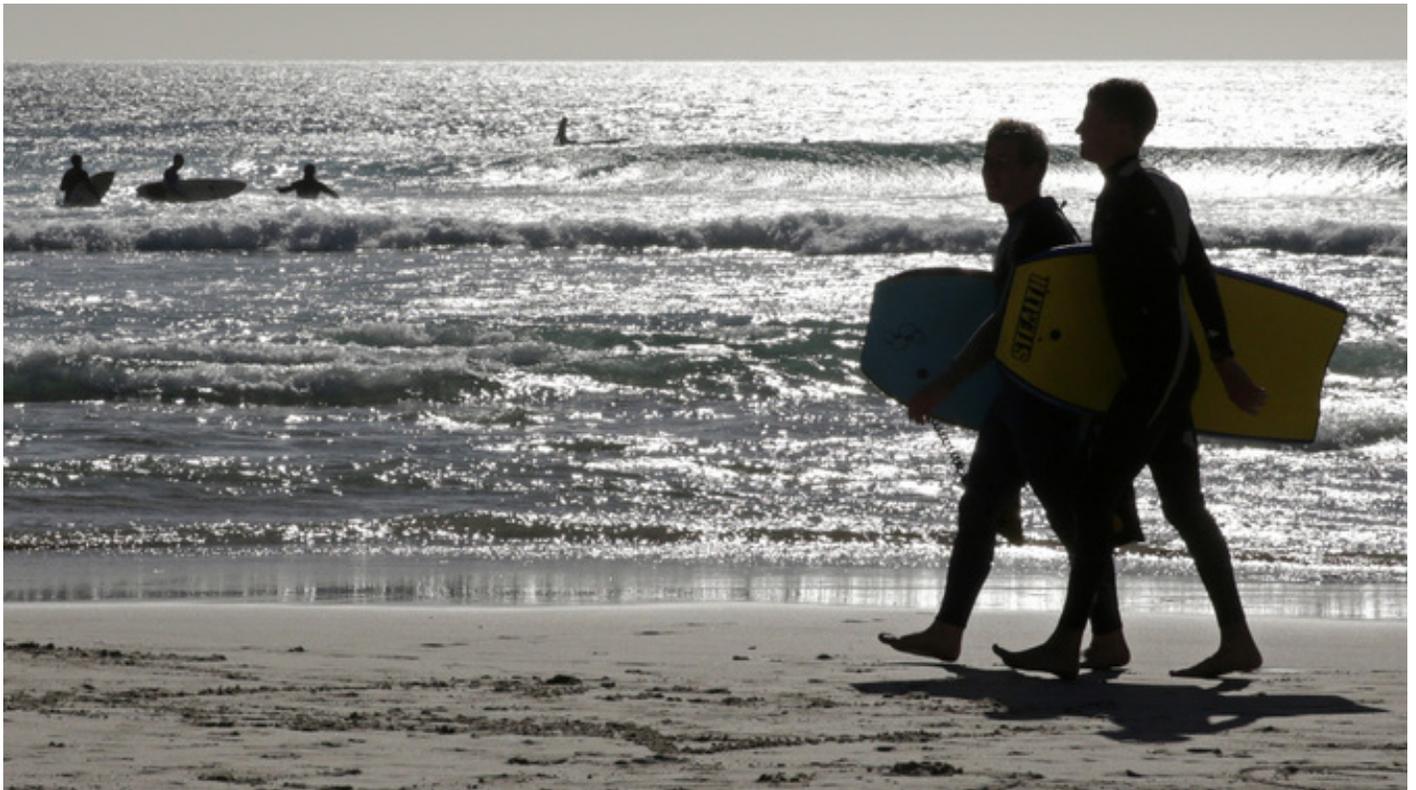
Environment

Climate: May, June 2014 the hottest months since 1880

22 Jul 2014 09:39 [Sipho Kings](#)

- [Recommend](#) 72
- [Tweet](#) 29
- [Share](#) 6
- [Reprint this](#)

As May and June were globally the hottest in recorded history, the UN's climate change body latest report says humans are driving global warming.



Nobody under the age of 30 has lived through a month that was cooler than the 20th century average. May and June were the hottest such months since records began in 1880.

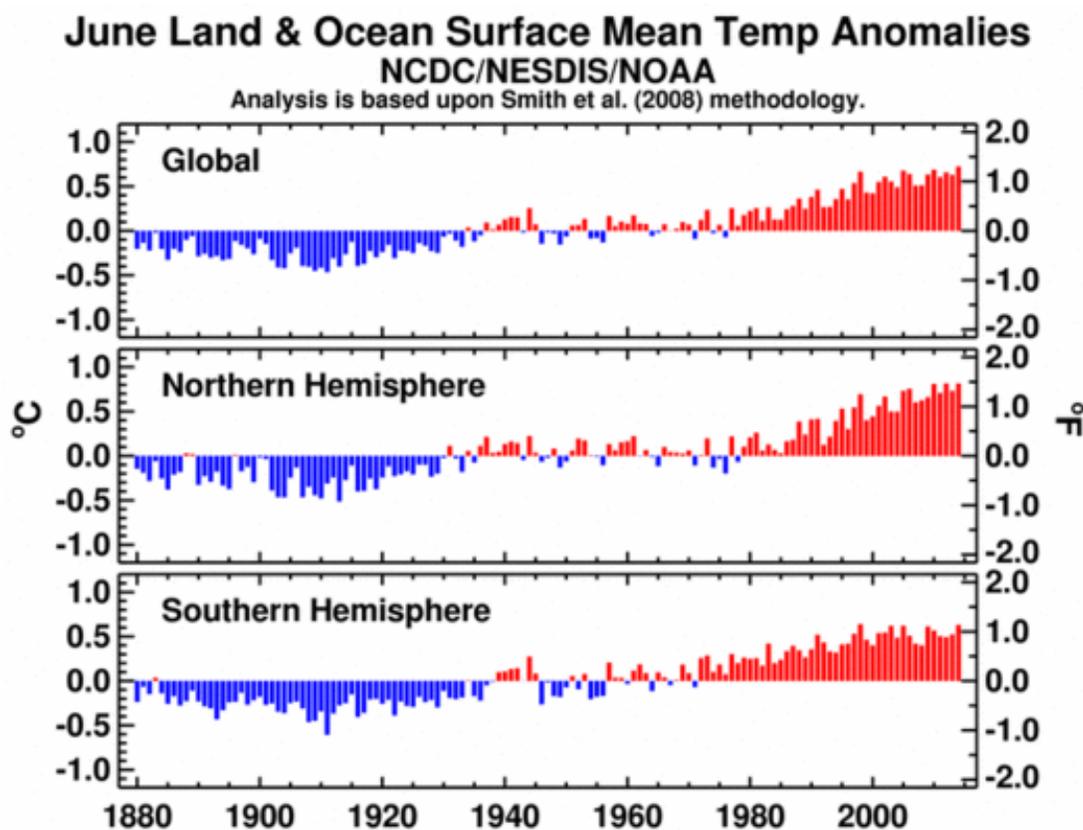
The average world temperature for June was 16.22°C and for the last 28 years June has been warmer than the

20th century average. This is according to data released by the National Oceanic and Atmospheric Association.

Four of the five hottest May and June months ever recorded have happened since 2010. The only year that this did not happen was in 1998 when a strong El Niño – which warms the Pacific Ocean – pushed global temperatures to record highs.

The last time May or June was cooler than the 20th century average was 39 years ago. 2013 was the warmest year since 1998, making it the seventh hottest in recorded history.

In its latest report, the United Nation’s body on climate change – the Intergovernmental Panel on Climate Change – said that there was a 95% “certainty” that humans were driving global warming. This was thanks to the burning of fossil fuels and a proliferation of greenhouse gases in the atmosphere, it said.



‘Severe, pervasive and irreversible’

[If emissions were not curbed](#), the effects of climate change would be “severe, pervasive and irreversible”, the organisation said. It said that average temperature increases across Africa would exceed 2°C by the end of the century, if urgent action was taken.

If nothing was done on emissions this would happen by mid-century, and a temperature increase of 6°C would happen by 2100, it said.

“Africa as a whole is one of the most vulnerable continents due to its high exposure and low adaptive capacity.” South Africa had an advantage because it had infrastructure in place that could be “climate proofed”, along with expertise in the sector, it said.

2013 was the seventh warmest year in recorded history, continuing a trend of record years since the turn of the

millennium. The World Meteorological Organisation said global land and sea temperatures were 0.48°C above average for last year. The organisation is the United Nations body tasked with collating meteorological information across the planet.

World governments will meet in Paris next year for Congress of the Parties 21, where a binding climate change agreement should be signed. It will come into force in 2020.

- [Read more from Siphon Kings](#)

- Twitter: [@SiphonMcD](#)
- Google+: [Siphon Kings](#)

- [post a comment](#)
- [email this article](#)
- [print this article](#)
- [login to clip](#)

More Coverage

- [The world's tiny window to act on climate change is closing rapidly](#)
- [IPCC report: Climate change will be 'irreversible'](#)
- [UN finds global temperatures continue to soar](#)

We recommend



Tokyo Sexwale's Mvelaphanda empire dwindles
(News)



Mozambique rivals sign landmark peace deal
(News)



Amina Cachalia: The woman who said 'no' to Mandela
(News)



ANC: Madonsela-CIA accusations 'unfortunate'
(News)

From around the Web



FROM THE WEB

7 Most Corrupt Countries in the World
(Politics Cheat Sheet)



FROM THE WEB

Who Will Stand Up for the Christians?
(The New York Times)



FROM THE WEB

Class 395 high-speed train
(Hitachi Corporate Site)



FROM THE WEB

The Ultimate Guide to Legal Electronic Signatures
(PDFfiller)

Recommended by

Topics In This Section

Topics

- [Intergovernmental Panel on Climate Change](#)
- [global warming](#)
- [climate change](#)

Comments

Comments for this thread are now closed.



8 Comments

Mail & Guardian

Login ▾

Sort by Oldest ▾

Share Favorite



Heinrich · 2 months ago

"It said that average temperature increases across Africa would exceed 2°C by the end of the century, if urgent action was taken".

So there is no need for urgent action?

The only answer is getting population figures down - but that means remodeling economic systems or massive genocide.

^ | v · Share ›



Todd Ehlers · 2 months ago

I don't believe the U.N.

^ | v · Share ›



DrRaeMD → Todd Ehlers · 2 months ago

No? OK, howzabout NOAA? The Met? NASA? The AAAS? The AAS? The ACS? Ty Googling "Scientific organizations endorsing the consensus of global warming," and you'll find >100 of the world's most prestigious science centers endorse the core of AGW, that most of the global warming in recent decades can be attributed to human activities. Whethe you believe the UN or not, the facts are clear.

^ | v · Share ›



Bobby D → DrRaeMD · 2 months ago

I guess Todd believes in the tooth fairy. Or maybe he's very worried about the Illuminati taking over the world.

1 ^ | v · Share ›



Todd Ehlers → DrRaeMD · a month ago

No, I don't believe them either. Consensus is not science. I know what my experience tells me: we are cooling, if anything. No amount of human effort will affect the process, regardless.

^ | v · Share ›



Bobby D → Todd Ehlers · a month ago

The IPCC Working Group 1 report is 100% science based (I challenge you to look at it). As any scientist would explain, your "experience" counts for nothing. What if I tell you that my experience tells me it's getting warmer? Meaningless, isn't it?

^ | v · Share ›



PeteLJ → Bobby D · a month ago

I'm afraid that it was found that as many as 30% of the citations in the IPCC were not in fact peer reviewed (or make conclusions that are not supported

were not in fact peer reviewed (or make conclusions that are not supported by the data) and that the summaries that are cited by the media were written by politicians appointed by the member states and not peer reviewed scientists. It's a policy document arguing for a "one world order" by selectively amassing a bunch of speculative models that lack the validation to justify the hysteria. The data from well-cited stations and satellites don't show any correlation to CO2, which is further evident by the absence of a (theoretically required) "tropospheric hot spot."

^ | v · Share ›



PeteLJ · a month ago

It's interesting that you cite a modeling study by some grad student overseen by 2 warmist activists predicting higher storm incidence even though the real data shows just the opposite (hurricanes, droughts, storms, etc.) and a reference to a now out of date NOAA SST metric that was tuned during the modern warming period from 1971-2000 using some corrected satellite data to reduce excessive dampening supposed to result in an improvement in correlation from 0.68 to 0.77 from the 1st half of the 20th century to the 2nd half of the 20th century (which any statistician will consider to be in the range of "crap").

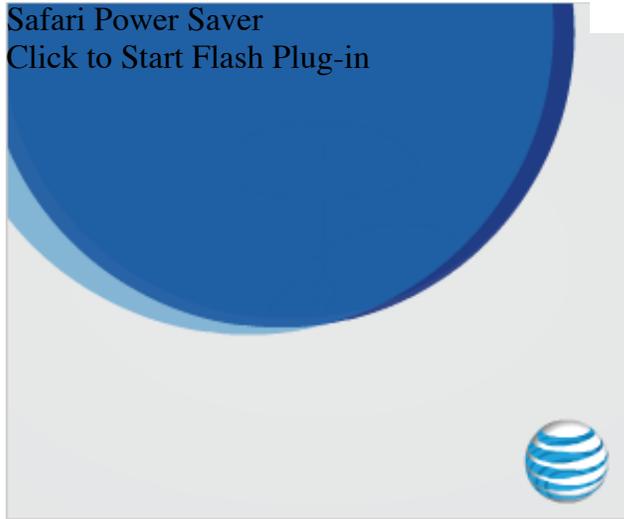
The warming from the latter period was no greater than the warming from the previous period (remember the Dust Bowl?) when CO2 could not have been the cause. The fact that this index does not now show "the Pause" that the infinitely more accurate/reliable satellite data from which it was supposedly tuned (which included the anomalous 1998 el nino) shows proves that the selective tuning is no longer valid and the SST needs to be recalibrated back to reality instead of simply extrapolating out into the future at the same slope as the last cyclical warm phase (as its correlation now implodes). That is the only way NOAA can possibly say that any month this year was the warmest ever, which actually hasn't seen any areas around the globe unusually warm while the US and the poles have been well below normal.

There is no need to infill, homogenize and otherwise adjust (corrupt/non-existent/bad) poor data when you can more readily use just the "excellent" rated station data and/or either of the two satellite data sets to get a much more accurate picture of what is happening with the climate. These superior data sets show no global warming for 13 to 17 years so there is no need to trot out the invalidated data/methods.

^ | v · Share ›

 [Subscribe](#)

 [Add Disqus to your site](#)



Connect

Subscribe Online:

- [Paper Edition](#)
- [iPad Edition](#)
- [Kindle Edition](#)
- [Online Edition](#)

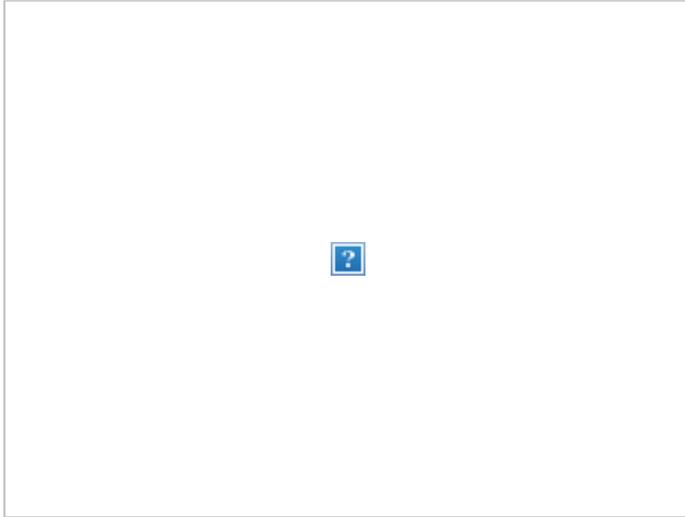
Get the M&G in your inbox daily



Mail & Guardian

Like 250,111

Related



[Climate Change](#)

[View Report](#)

More from the M&G



['You're an idiot', MP tells Kebby Maphatsoe](#)

[DA MP David Maynier insulted Deputy Defence Minister Kebby Maphatsoe in the National Assembly over the latter's claims against Thuli Madonsela.](#)



[*Parliament seeks to revive 'Dagga Bill'*](#)

[*The Bill that seeks to legalise marijuana for the treatment of cancer is being tabled in Parliament again following the death of Mario Ambrosini.*](#)



[*Mpshe stands by decision to drop Zuma charges*](#)

[*Mokotedi Mpshe says he is not threatened by the prospect of his decision to drop corruption charges against Jacob Zuma being taken on review.*](#)

Most Popular This Week

Most Read Most Commented

[Playing in the shadow of asbestos mine dumps](#)

[Playing in the shadow of asbestos mine dumps](#)

Client Media Releases

Press Offices

[Benefits of e-tolling can't be ignored](#)

[SANRAL](#)

[SA talks climate](#)

[Wits University](#)

[Areva gets Eskom contract](#)

[Eskom](#)

[Mitel positioned in Visionaries quadrant](#)

[Mitel](#)

[MTN debuts bite-sized Internet bundles](#)

[MTN](#)



•



•



•



•



•

Advertisements

-

-

- [Contact Us](#)
- [About Us](#)
- [Story Tip-offs](#)
- [Corrections And Clarifications](#)
- [Legal](#)
- [Ethics & Social Media Policy](#)
- [Comments Guidelines](#)
- [Advertising](#)
- [Rate Card](#)
- [Subscriptions](#)

All material © Mail & Guardian Online. Material may not be published or reproduced in any form without prior written permission.

