

Australia suffers hottest summer on record, little relief in sight

28 February 2019



Bushfires are common in Australia's arid southeast but spread far into the tropical northeast in January as climate change continued to push up summer temperatures

Australia suffered its hottest summer on record from December through February and forecasts show the southern autumn will continue to be drier and warmer than average, the government said Thursday.

"After a record hot December and January, it won't come as a surprise that this summer will be our warmest on record," said Andrew Watkins, manager of long-range forecasting at the Bureau of Meteorology.

Although the final figures won't be available until Friday, the bureau said it was already clear the average maximum and mean temperature for the three months of summer would for the first time be more than two degrees Celsius higher (3.6 degrees Fahrenheit) than long-term averages.

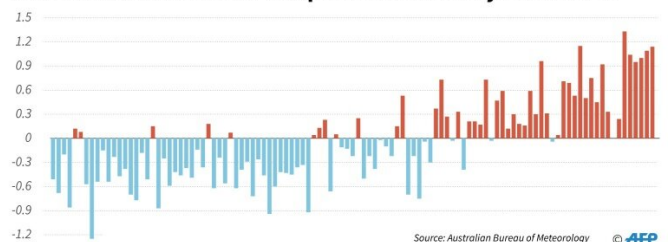
Rainfall was also below normal, and the bureau said it saw no let-up in a [severe drought](#) that has gripped vast areas of the country's agricultural

heartland in the east and southeast for many months.

"Unfortunately, the outlook isn't giving a strong indication that we'll see a return to average or above [average rainfall](#) in many areas over the autumn period," Watkins said.

The bureau reported earlier that January had been the hottest month ever recorded in Australia, with mean temperature across the continent exceeding 30 degrees Celsius for the first time.

Australia: annual mean temperature anomaly 1910-2018



Graphic of annual mean temperature anomalies from 1910 to 2018.

Watkins said weather patterns over the Indian and Pacific oceans contributed to the [higher temperatures](#) and lower rainfall, but that long-term climate change trends were also involved.

Authorities said the January heatwave contributed to the deaths of more than a million fish in the Murray-Darling river system, the country's largest and which runs through five states in the east of the country.

Meanwhile, bushfires—which are frequent [summer](#) occurrences in Australia's arid southeast—spread far into the tropical northeast of the country in January.

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APA citation: Australia suffers hottest summer on record, little relief in sight (2019, February 28) retrieved 19 November 2019 from <https://phys.org/news/2019-02-australia-hottest-summer-relief-sight.html>

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