

## Heat and fires in Australia and Drought in South Africa have natural causes

[Joseph D'Aleo CCM](#)

We have seen the expected stories about heat and drought it and resulting wildfires in Australia. The Australian Government was warned loud and clear [FOUR YEARS AGO](#) that the fuel load in the bush was at catastrophic levels. Willis Eschenbach commented “They were told in no uncertain terms (see below) that unless the annual fuel reduction burning target of 5 per cent of public land was doubled or tripled, a massive bushfire disaster would occur.

So of course, the Government did what governments do best-first they sat on their ... hands .... and now that the predicted and inevitable massive bushfire disaster has happened, they're blaming it on something else.

In this case, they blame it on that wonderful multipurpose villain, “climate change”.

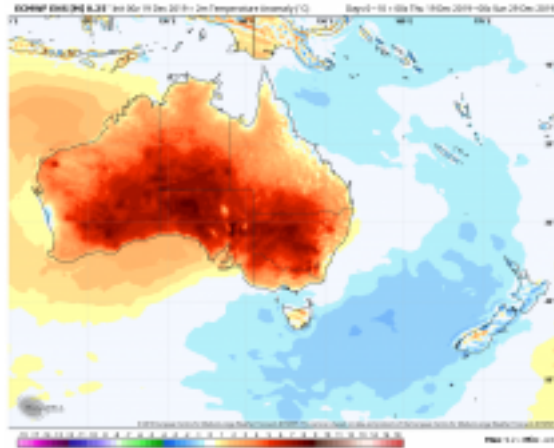


Massive governmental failure, predicted four years ago, and now the easily led are all screaming “IT’S THE CLIMATE!!” “

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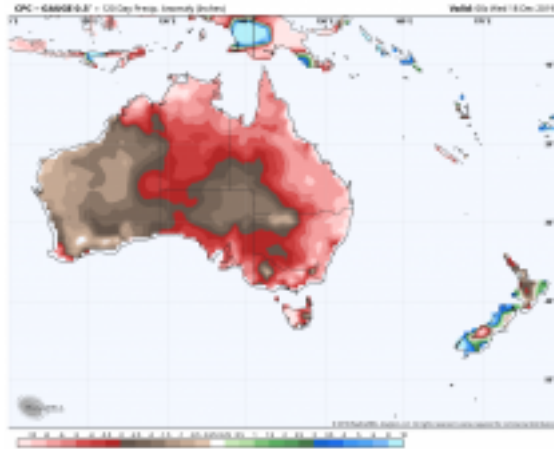
The weather relates to a stratospheric warming in the Southern Polar Regions like the northern polar warmings that affect the Northern Hemisphere patterns in our winters and springs.

Forecast temperatures next 10 days.



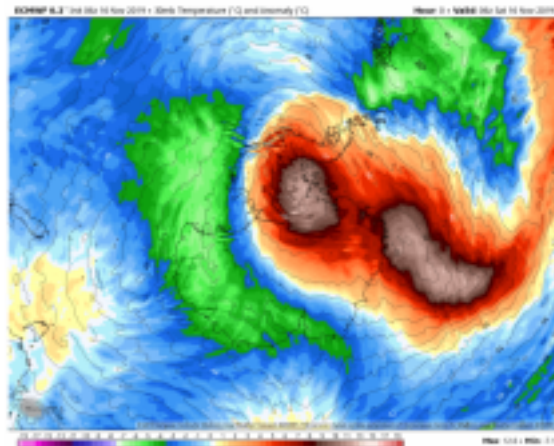
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The precipitation anomalies the last 120 days:

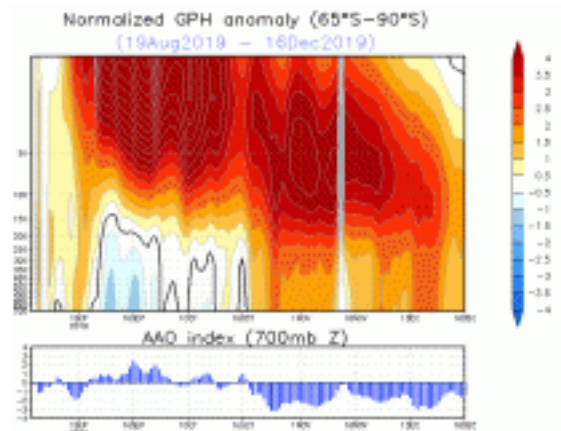


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Antarctica had a warm stratosphere which yields a negative AAO. According to the Australian Bureau of Meteorology, “The Antarctic Oscillation (AAO), describes the north-south movement of the westerly wind belt that circles Antarctica, dominating the middle to higher latitudes of the southern hemisphere”



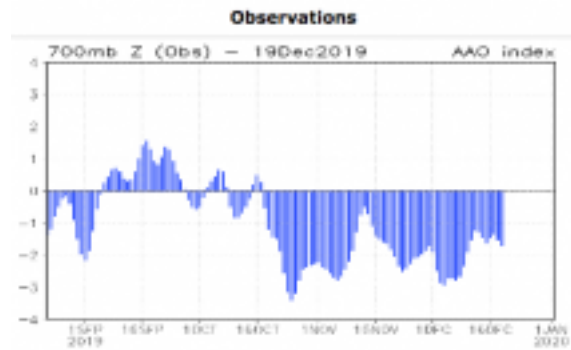
## AAO 65S-90S Time/Height Section



[Enlarged](#)

It shows warming in the high troposphere and stratosphere build down as the southern spring advances.

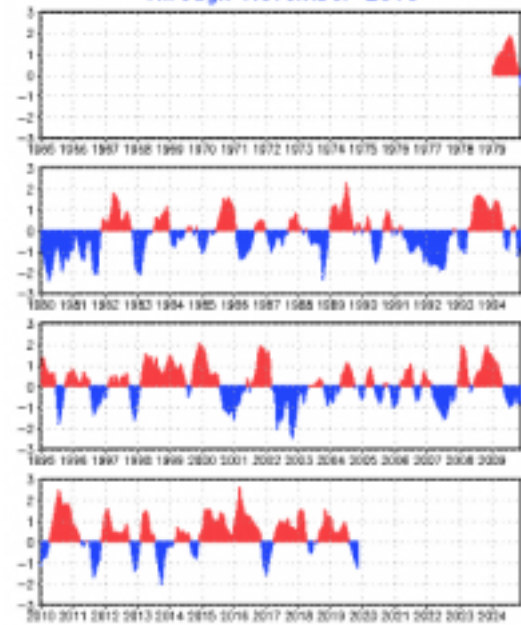
See the AAO at 700mb dive starting in October in response.



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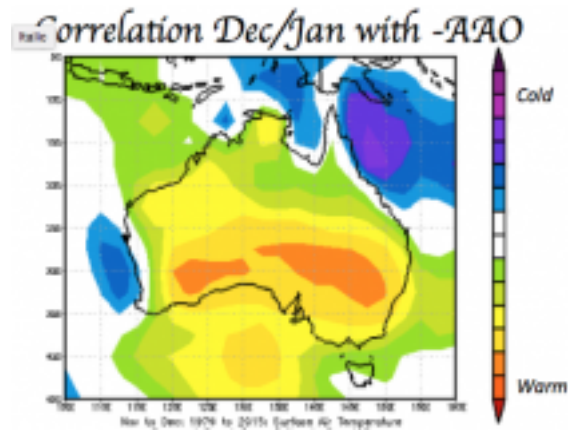
A negative AAO is not unusual. Some episodes in the past have lasted for multiple years.

Standardized 3-Month Running Mean AAO Index Through November 2019



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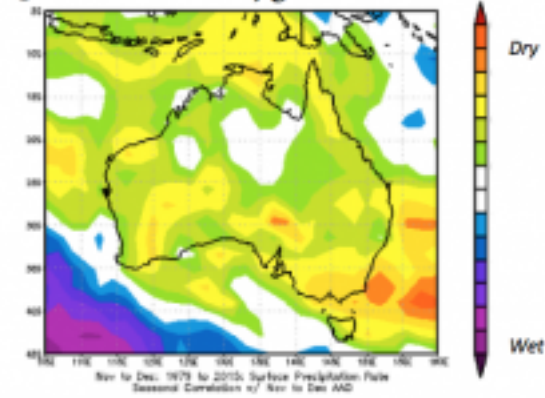
Temperature correlation with -AAO this time of year. The actual fits this to a tee.



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Precipitation Anomalies correlation with -AAO. Again aligns with the actual.

### Correlation Dec/Jan with -AAO



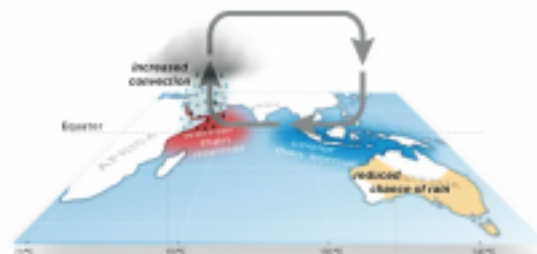
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The Indian Ocean Dipole may be also playing a role and may be influenced by the AAO. See how it spiked with the change in AAO and is now perhaps about to reverse sign.



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The positive IOD has cold water in the Indian Ocean and warm water west. The cold water and pressure patterns associated produce drought - in this case their winter and spring.

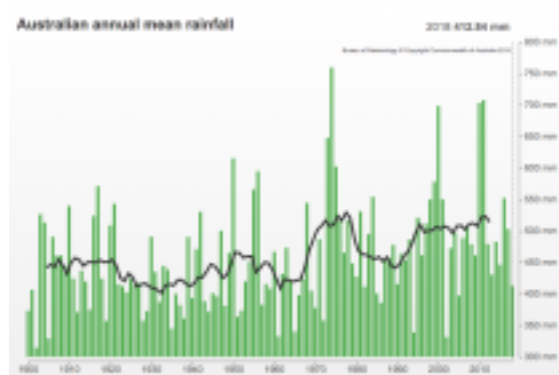


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Media and Hollywood has jumped on the heat and fires and of course blame CO2. By the way, as the AAO and IOD return more normal, rains even a tropical storm has returned.. It is causing the heat to ease or even abate from west to east over the next few weeks. Flooding may be in the news as nature compensates as it always does.

See JoAnne Nova's Story on heat talk which always seems to ignore history [here](#) and Tony Hellers similar story on how warmists either ignore the past or as comments show come up with different metrics to continue the illusion [here](#).

And BOM shows no trend towards drought. In fact it has been unusually wet in recent decades.



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Bushfires have happened periodically and like in the U.S. are in part affected by poor forest management policies. The worst year recorded was 1974, when 290,000,000 acres burned, equivalent to all of France, Spain, and Portugal combined.