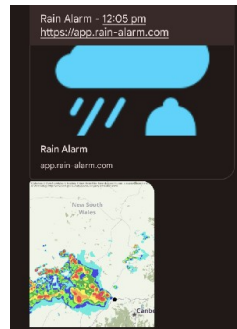


It's Difficult to Predict Today's Weather, Let Alone Climate

Meteorologists have not been perfectly accurate in their forecast of the weather here in Australia. That failure has been brought to the fore in the past 6 months. Let's have a look at what they've predicted recently, as this skill has a bearing on their ability to predict Climate Change.

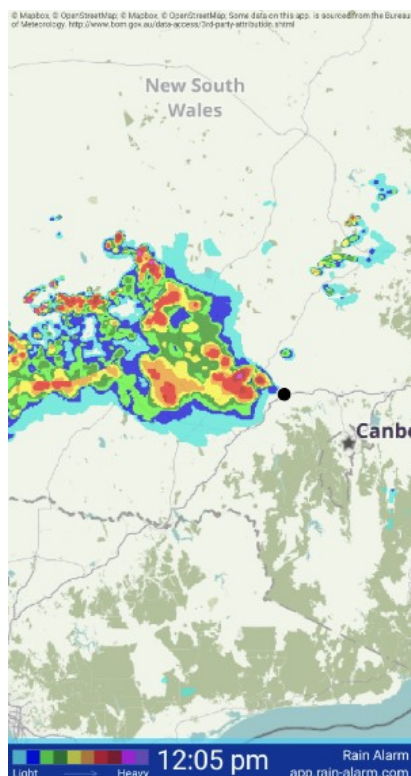
Local Storm Warnings

On the 16th January 2024 we received a 2-day storm warning from [rain-alarm.com](https://app.rain-alarm.com)¹:

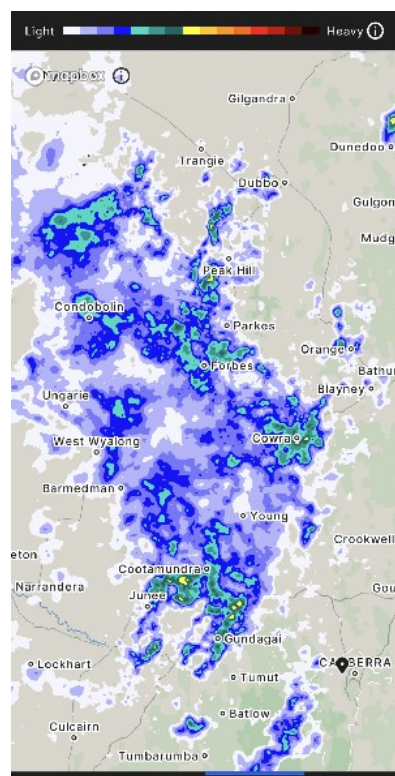


Lets see how that played out in Canberra, for accuracy.

- That day (16th January 2024), no storm conditions occurred, not even any heavy rain. We received a total of 0.5mm of rain in all.
- The second day of the warning (17th January 2024), here's what occurred:



Predicted (see orange & red)



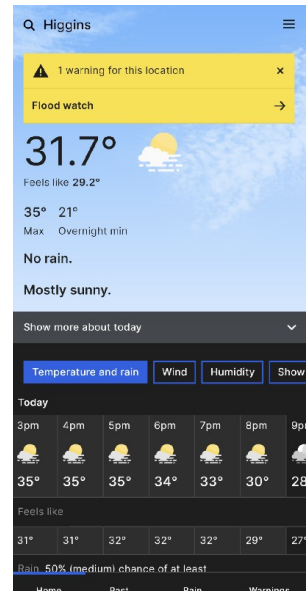
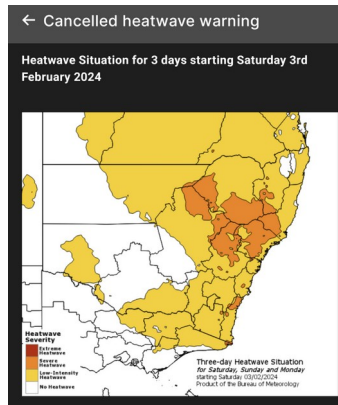
Actual (no orange & red)

On both days, these predicted storms and heavy rain did not eventuate – a **FAILURE**

¹ – Website takes some data from the BOM. The website doesn't state how the predictions are determined. Their website states: "This weather app alerts you when rain is approaching. The alerts are a **reliable short-term forecast based on near real-time data**. This app is more precise and reliable than a traditional forecast. It is very useful for all outdoor activities - including cycling, motorcycling, hiking, gardening, BBQs, picnics, dog walking and DIY."

Local Heatwave Warnings

On the 2nd February 2024 we received a 4-day heatwave warning for the ACT via the BOM app on our phones. This information was really for specific areas of NSW and the ACT as shown in the map included with the warning. Canberra was to have severe heat for the period of the warning, especially on the Sunday, before rain on the Monday to cool the temperatures. The predicted temperatures of low 30's were achieved for the period, as predicted, however, on the hottest day (Sunday) the weather warning was cancelled and the severe heat was not indicated on the map, even though the temperature was re-estimated to be 35°C, instead of 36°C predicted at the start of the event. By 3pm Sunday the temperature was only 31.7°C, not 35°C.



To cancel a warning actually means that their predictions were wrong – they **FAILED**

NOTE: If temperatures in the low 30's is considered to be 'low-intensity' heatwave conditions (according to the map's key) there was no need to cancel the warning, as those conditions were predicted for the Sunday. Really, the whole heatwave warning for our region was 'over-the-top' and most likely produced fear in the populace, rather than calm.

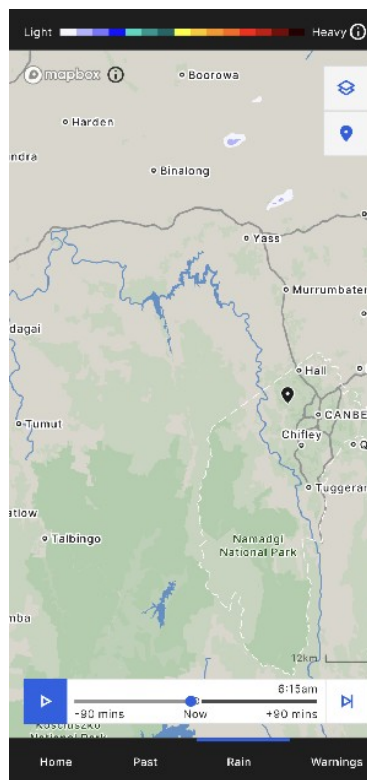
Local Weather Forecasts

Let's take a look at weekly weather forecasts.

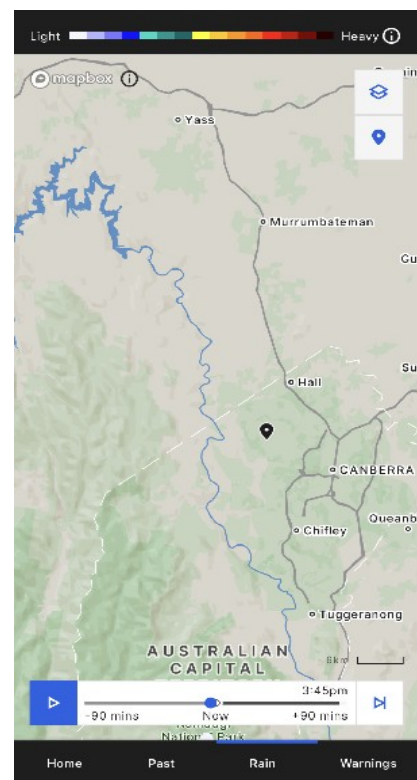
Here's the weather prediction for Canberra for the 14th January 2024:



Rain predicted in the region all morning



No rain in the region at 6:15am

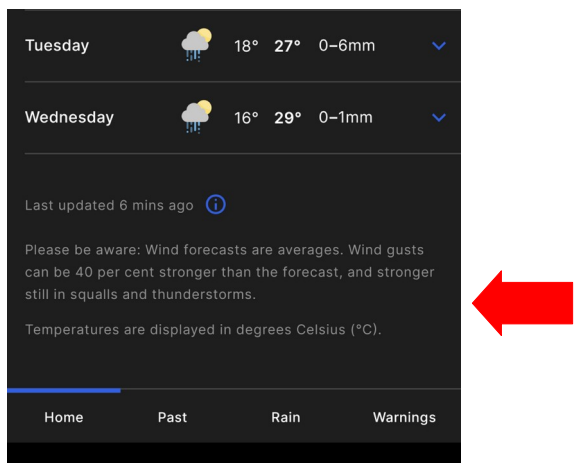


No rain in the region even at 3:45pm

The icon hourly conditions states that there will be periods of heavy rain all morning, but the region was clear of heavy rain for the period 6am-9am (middle graphic). The predicted rain was stated as 0mm, which was accurate, but the rain icon prediction (for those who go by icons for information) was a **FAILURE**, for the region and for the suburb location (Higgins).

Meteorologist’s forecasts do include probabilities, as a way of moderating the accuracy of their predictions. They are also used to justify the meteorologist’s analysis when there is a discrepancy between predicted and actual, but these are of no help to the general public who are looking for certainties.

Here’s an example of disclaiming forecasts through probabilities:



For the general public who want to know for sure what the wind gusts are actually going to be, so they can plan to protect their property and structures, this note about percentage probabilities is of no real use. The public want accurate predictions, but the Bureau of Meteorology (The BOM) do not always provide it. In fact they will provide a probability of the accuracy of their predictions when accused of being inaccurate in their forecasts, but that’s of no comfort to the public who have been led to believe their predictions are 100% accurate.

Where does that false belief in perfect forecasting come from? I believe it falls into the same category as the way people gain so-called ‘factual information’ – from the news media. In this case, from the weather presenters at the end of the news sessions and from journalist’s articles.

Seasonal Weather

The BOM’s El Niño predictions were also ‘off’ for 2023-2024.² We were told that we were to prepare for an very hot,³ dry summer,⁴ with an extreme bushfire threat. So, what actually turned out.

Here’s the rainfall record for my backyard in Canberra:

Jan ‘23	Feb ‘23	Mar ‘23	Apr ‘23	May ‘23	Jun ‘23	Jul ‘23	Aug ‘23	Sep ‘23	Oct ‘23	Nov ‘23	Dec ‘23	Jan ‘24
70mm	38mm	76mm	99mm	55mm	52mm	13mm	19mm	18mm	33mm	140mm	88mm	88mm

NOTE: The 88mm for January 2024 was the total up to the middle of the month – the time of writing this article.

The BOM’s El Niño predictions for 2023-2024 were a **FAILURE**. No extreme heat waves, catastrophic bushfires, etc. in the eastern states.

2 – “Experts warned El Niño was likely to bring Australia a hot, dry summer. What happened?” (3-1-2024) www.theguardian.com/australia-news/2024/jan/03/experts-warned-el-nino-was-likely-to-bring-australia-a-hot-dry-summer-what-happened
3 – “Australia may face a summer of heatwaves, even without El Niño” (5-8-2023) www.theguardian.com/australia-news/2023/aug/05/a-summer-of-heatwaves-on-the-horizon-for-australia
4 – “Summer of severe heat predicted as Bureau of Meteorology declares El Niño” (19-9-2023) www.abc.net.au/news/2023-09-19/bom-officially-declares-el-nino-underway-2023/102495394

During our El Niño event, rain continues to soak more and more areas of Australia as the summer proceeds, while ‘The Centre’⁵ is already flooded.⁶ It took an independent meteorologist to explain the reasons for the wet El Niño the eastern states of Australia have been experiencing:

“East coast Australians have been shocked to find the hot, dry, bushfire-ridden summer they were expecting has been drowned out by destructive tropical cyclones and widespread flooding.

Meteorologist Matthew Cappucci⁷ predicts the wet weather that has dominated the start to summer will continue until the end of January.

“The wet pattern is here and I think it’ll stick around for quite some time,” he told Today on Thursday.

He went on to explain the “typical El Niño” Australians were preparing for has been derailed by clashing weather systems driving significant rainfall along the nation’s east coast.

Predicted 7-day rain total in the north of the country to January 16.

“I liken it to an orchestra,” Mr Cappucci said.

“El Niño was one instrument playing, but there are many other different things that make up the ensemble.”

The climate driver is expected to bring hotter, drier conditions and less rainfall, however this year has been different.

He said there are two main reasons for this, the first is a region of warm water in the western Pacific which is heating the air and causing storms.”⁸

Here’s what we saw in Canberra during the period form Spring 2023 to January 2024:



Our hot, dry Spring spell in 2023



Our Summer regrowth in 2024 after being mowed twice



Close-up of our Summer flush grass growth in January 2024

5 – Central Australia

6 – “Rain Soaks More Areas in Australia, Plus Already Flooded Centres” (15-1-2024)

www.theepochtimes.com/world/rain-soaks-more-areas-in-australia-plus-already-flooded-centres-5565905

7 – Matthew Cappucci is a meteorologist for ‘Capital Weather Gang’. www.washingtonpost.com/people/matthew-cappucci/

8 – “Summer rain to stick around as hopes for warm dry El Niño are dashed, meteorologist says” (11-1-2024)

www.theaustralian.com.au/breaking-news/summer-rain-to-stick-around-as-hopes-for-warm-dry-el-nino-are-dashed-meteorologist-says/news-story/bc8d49f23a96d38453e38ec999622959

An extended drought was expected from the BOM's predictions when El Niño was first announced⁹. This is why farmers and graziers followed their warning and took radical steps for drought preparedness. This was a fatal step for many of them.¹⁰ As a result, many in the agriculture sector are ditching the BOM (as others have done in the past)¹¹ by not putting all their farming plans into effect based on the Bureau's predictions.¹²

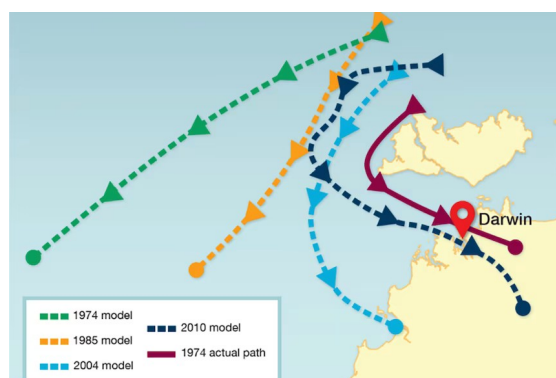
In addition, the BOM failed to predict the extensive rain and flooding that occurred,¹³ especially in QLD and VIC, and it's not the first time this has occurred.¹⁴ Of course, the BOM defends itself by stating that weather forecasting is not an exact science,¹⁵ which is of no comfort to those who have been led to believe that they are accurate predictors. In fact, the BOM indirectly confirmed that they are less than accurate in their ability to forecast the weather, by broadcasting in the media that their predictions are becoming more accurate.¹⁶

In 2022, the Bureau of Meteorology decided to replace expert forecasters in local radio crosses with regional "science communicators" (AKA community information officers), a move that was lambasted by the National Farmers Federation.¹⁷ This move has not improved the BOM's accuracy, its forecasts to the public, or its image. In frustration, this season, the Federal government has ordered a review of the BOM's weather warning system as a consequence of their inaccuracy.¹⁸

Cyclones & Tornadoes

Because of the random nature of cyclones, it's virtually impossible at the present time to predict when one will form well in advance of the time. The BOM has declared that it can do this 4 months ahead,¹⁹ but we'll see how effective that really is. Closer to it's development from a low pressure cell, it's a bit easier.

Similarly, it's basically impossible to predict the track a cyclone will take once it forms.²⁰



SOURCE: www.abc.net.au/news/2020-07-23/cyclone-pacific-modelling-forecast-prediction-australia-nz/12484460

- 9 – ALERT ACTIVATED: “Climate Driver Update” (6-6-2023) www.bom.gov.au/climate/enso/wrap-up/archive/20230606.archive.shtml
- 10 – “Bureau of Meteorology’s false advice has had ‘real consequences’ for Australian farmers” (10-1-2024) www.msn.com/en-au/news/other/bureau-of-meteorology-s-false-advice-has-had-real-consequences-for-australian-farmers/ar-AA1mK7BC
- 11 – “Frustrated farmers turn on BOM forecasting” (17-8-2018) www.sbs.com.au/news/article/frustrated-farmers-turn-on-bom-forecasting/uslyd663s
- 12 – “Farmers fed up with Bureau of Meteorology” (12-1-2024) www.skynews.com.au/opinion/peta-credlin/credlin-january-12/video/a72bd6a95c52e9175195f5c31483478e [28:32-35:05]
- 13 – “Australia’s Dreaded Summer of Wildfires Soaked by Wet Weather” (11-1-2024) www.bloomberg.com/news/articles/2024-01-11/australia-s-dreaded-summer-of-wildfires-soaked-by-wet-weather
- 14 – “How the BoM failed to predict and warn NSW, Victoria of deadly floods, extreme weather” (11-12-2022) www.smh.com.au/environment/weather/under-the-weather-the-bureau-of-meteorology-s-terrible-horrible-very-bad-no-good-year-20221208-p5c4q0.html
- 15 – “‘Not a perfect science’: Murray Watt defends BoM amid criticism over rain estimates and late warnings...” (19-12-2023) www.theguardian.com/australia-news/2023/dec/19/not-a-perfect-science-murray-watts-defends-bom-amid-criticism-over-rain-estimates-and-late-warnings
- 16 – “Queensland flood forecasts might have been wrong, but the Bureau of Meteorology is getting more accurate” (2-3-2022) www.abc.net.au/news/2022-03-02/bureau-of-meteorology-difficult-to-forecast-queensland-floods/100870708
- 17 – “BOM forecasters to be replaced by community information officers on radio programs” (5-12-2022) www.abc.net.au/news/rural/2022-12-05/bom-set-to-replace-expert-forecasters-for-radio-crosses/101733358
- 18 – “Labor orders review of weather warning systems after criticism of Bureau of Meteorology | Australia weather” (30-12-2023) www.theguardian.com/australia-news/2023/dec/30/labor-orders-review-of-weather-warning-systems-after-criticism-of-bureau-of-meteorology
- 19 – “Cyclones can be predicted four months ahead, thanks to new Australasian model” (23-7-2020) www.abc.net.au/news/2020-07-23/cyclone-pacific-modelling-forecast-prediction-australia-nz/12484460
- 20 – “Why are cyclone paths so difficult to predict?” (19-2-2019) www.abc.net.au/news/2019-02-19/why-are-cyclone-paths-so-difficult-to-predict/10821364

To compensate for a cyclone's random movement, the BOM will provide hourly updates which pin-point where it is at a given location in time,²¹ but that's not predicting – it's tracking in real-time.

Tornadoes have the same problem for meteorologists – they're too difficult to predict. They can only say when weather conditions are conducive to the formation of such phenomena, and in what particular area of the landmass they may develop. However, if they do form or don't form, and in exactly which spot they will touch down in, that's something that can't be predicted. Like cyclones, meteorologists can only give probabilities for tornadoes forming, and only once conditions are favourable for their formation. Again, only real-time monitoring can be used to protect communities.

Climate Predictions

So, what confidence should we have in meteorologists' ability to forecast our future climatic conditions? After all, the hysteria produced by climate catastrophists is generated by Climate Change proponents who believe everything the scientists, the media, and the government tells them.

The answer to that question is in the negative, when approached from a historic perspective. Take a look at this Infogram²² to see how previous dire climate warnings have not eventuated.²³ (The list starts at December 1939 and finishes in March 2023.)

There's enough information out in the public area from the scientific community to definitively show that:

- Anthropogenic Climate Change (ACC) is not the cause of changing climates.²⁴
- The 'science' to support ACC is not empirical.
- Climate Change models are far from accurate because of the way they are made to work.²⁵
- Etc., etc., etc.²⁶

These Institute of Public Affairs publications contain articles by scientists which demonstrate that the science of 'Climate Change' is inaccurate and definitely NOT settled:

- “Climate Change: The Facts 2014”
www.amazon.com.au/Climate-Change-Dr-John-Abbot-ebook/dp/B00S5L5Y0W
- “Climate Change: The Facts 2017”
www.amazon.com.au/Climate-Change-Facts-Anthony-Watts-ebook/dp/B074PRC25D
- “Climate Change: The Facts 2020”
www.amazon.com.au/Climate-Change-Facts-Jennifer-Marohasy/dp/192598494X
- “Climate Change: The Facts 2024” – *Will be published this year*

These books by Ian Plimer, a skeptic and a scientist, contain a great deal of information on the failure of scientists to predict our future climate:

- “Heaven and Earth: Global Warming, the Missing Science”
www.amazon.com.au/Heaven-Earth-Warming-Missing-Science-ebook/dp/B002ZBZK9S
- “The Little Green Book – For Twenties and Wrinkles”
www.amazon.com.au/LITTLE-GREEN-BOOK-Twenties-Wrinkles/dp/1922815675
- “Green Murder”
www.amazon.com.au/Green-Murder-Ian-Plimer/dp/1922449822

21 – “Comparing sources of weather prediction information in the aftermath of Cyclone Debbie” (April 2019)

knowledge.aidr.org.au/resources/ajem-april-2019-comparing-sources-of-weather-prediction-information-in-the-aftermath-of-cyclone-debbie

22 – infogram.com/climate-1h984wo97z3vz6p

23 – “Climate Scientists' Credibility Hurt”²³ “As climate experts warn of looming catastrophe, faulty past forecasts hurt their message.”

www.theepochtimes.com/article/infographic-climate-scientists-credibility-hurt-5552652 (26-12-2023)

24 – “Anthropogenic Climate Change Debunked again” (2-6-2019)

canberraforerunners.org/wp-content/uploads/2019/06/Anthropogenic-Climate-Change-Debunked-again.pdf

25 – “How Scientific Models Get It Wrong” (22-3-2022)

canberraforerunners.org/wp-content/uploads/How-Scientific-Models-Get-It-Wrong.pdf

26 – CHECK OUT: My monthly “Climate Change Updates” [HERE](#)

- “Not for Greens”
<https://www.amazon.com.au/Not-Greens-Ian-Plimer/dp/1925138194>
- “How to Get Expelled From School: A guide to climate change for pupils, parents and punters”
www.amazon.com.au/How-Get-Expelled-School-Climate/dp/1921421800

So, if we add the experience of past prediction failures, to the poor science behind ACC, and the inability to predict weather accurately, we have clear evidence that climate scientists and meteorologists are unable to give us accurate forecasts of our future climate.

Therefore, we can give them a **FAIL** for their efforts in Climate Change predictions, along with the one we gave them for weather forecasting.

Laurence

4-1-2024

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(www.CanberraForerunners.org)

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