

National Climate and Water Briefing

27 July 2017

The El Niño–Southern Oscillation (ENSO) and Indian Ocean Dipole (IOD) remain neutral. All climate models surveyed by the Bureau indicate the tropical Pacific Ocean is likely to stay ENSO-neutral for the rest of 2017. However, two of six international climate models suggest positive IOD thresholds could be reached in the coming months.

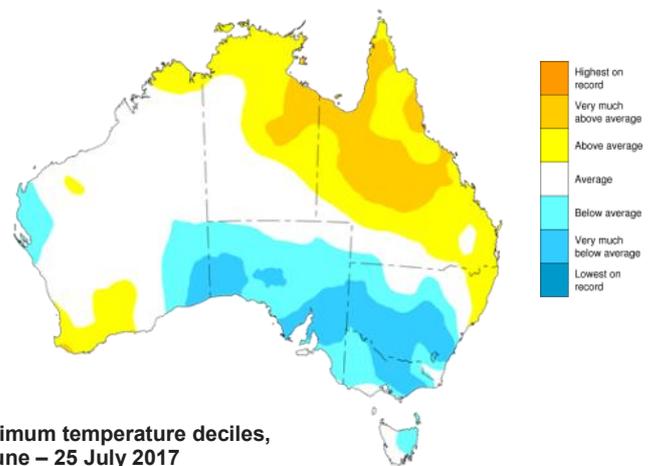
Climate influences and conditions

Climate influences

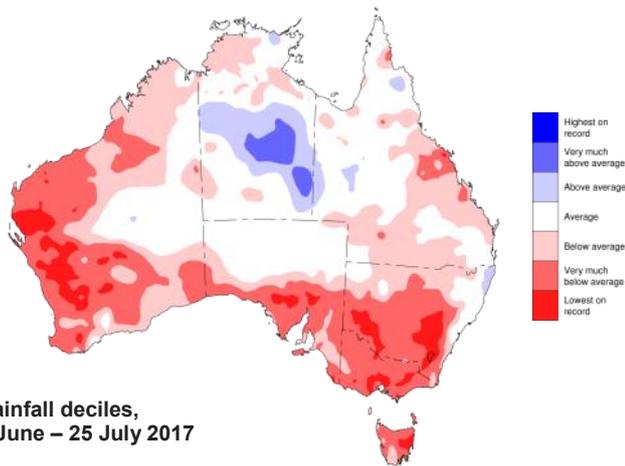
- El Niño–Southern Oscillation and Indian Ocean Dipole remain neutral
- Chance of El Niño later this year is unlikely
- Very slight chance of a positive IOD in coming months

Recent rainfall and temperatures

- Nationally, it was the second-driest June on record, with rainfall 62% below average
- Some areas of southern Australia, in particular Tasmania, received some July rainfall, however most of Australia has remained dry (thus far)



Minimum temperature deciles,
1 June – 25 July 2017

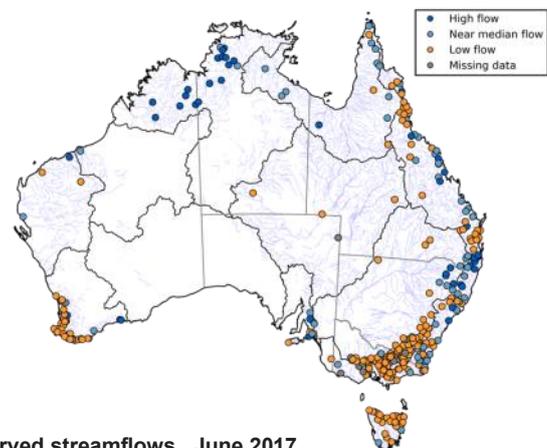


Rainfall deciles,
1 June – 25 July 2017

- Maximum temperatures have been above to very much above average across most of Australia for winter-to-date
- Minimum temperatures have been very much below average across most of southern Australia, but warmer elsewhere

Streamflow conditions

- Observed streamflows for June 2017 were:
 - High at 46 locations (14%)
 - Near median at 67 locations (21%)
 - Low at 189 locations (59%)



Observed streamflows, June 2017

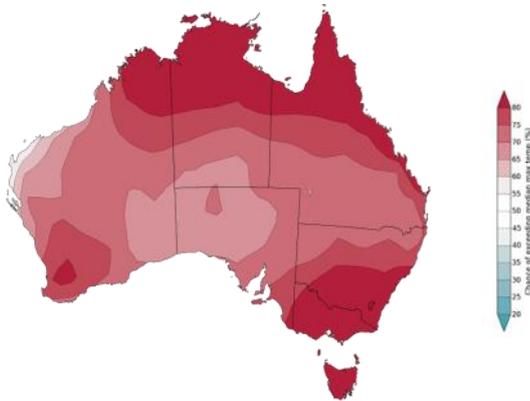


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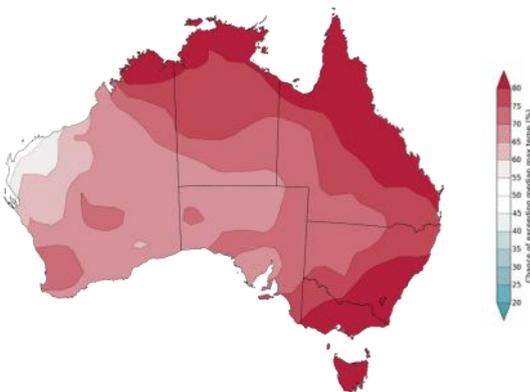
Climate outlooks

- August–October maximum temperatures likely to be above median, particularly in the country's north and southeast, and southwest Western Australia



Chance of exceeding median maximum temperature, August–October 2017

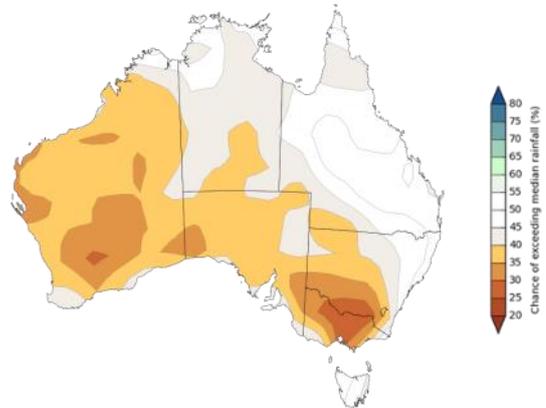
- Minimum temperatures likely to be above median for most of Australia for August–October



Chance of exceeding median minimum temperature, August–October 2017

- August–October rainfall likely to be below median for Australia's southwest and southeast, particularly the southwest of New South Wales and central Victoria

- Equal chance for above or below median rainfall for the Top End and Queensland, noting this is the dry season for the tropical north

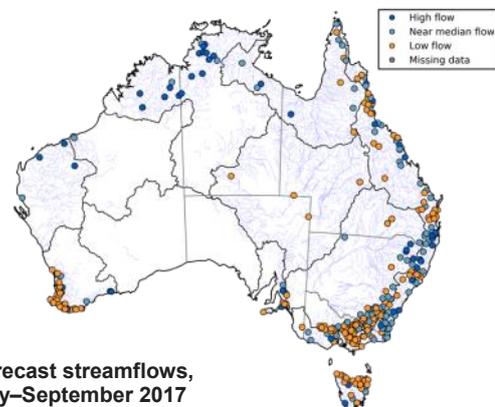


Chance of exceeding median rainfall, August–October 2017

Streamflow outlooks

Compared to average at this time of year, the streamflow outlook for July–September is for:

- high flows more likely at 56 locations (18%)
- near-median flows at 100 locations (31%)
- low flows at 162 locations (51%)
- more than two-thirds of locations have moderate to high skill at this time of year



Forecast streamflows, July–September 2017

More information

Rainfall and temperature outlooks
www.bom.gov.au/climate/outlooks

Seasonal streamflow forecasts and water storage
www.bom.gov.au/water

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