

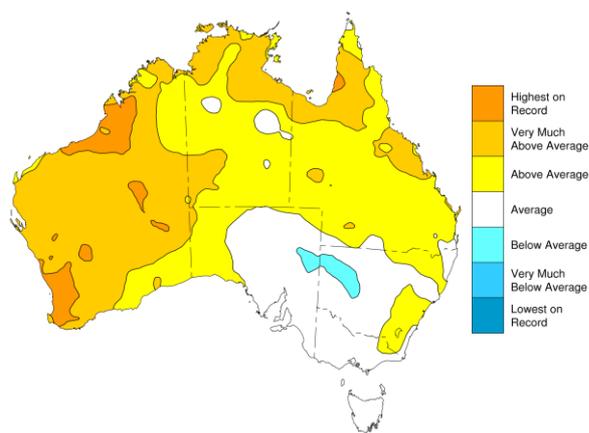
National Climate and Water Briefing

30 July 2015

Despite some cold days, winter so far has been warmer than average overall. El Niño in the Pacific Ocean and a warm Indian Ocean basin are acting as competing influences on rainfall impacts across Australia. The next three months show increased chances of dry conditions in the southeast and north.

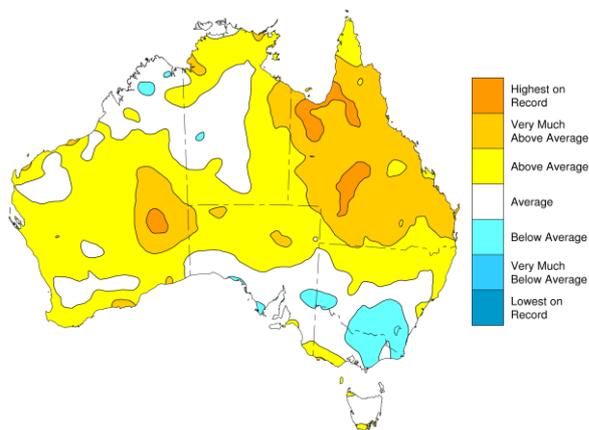
June temperatures

- Despite average to below-average temperatures across the southeast, most of Australia had a mild winter, and above average temperatures have continued into July
- Australia's June mean temperature was 5th warmest on record



June 2015 maximum temperature deciles

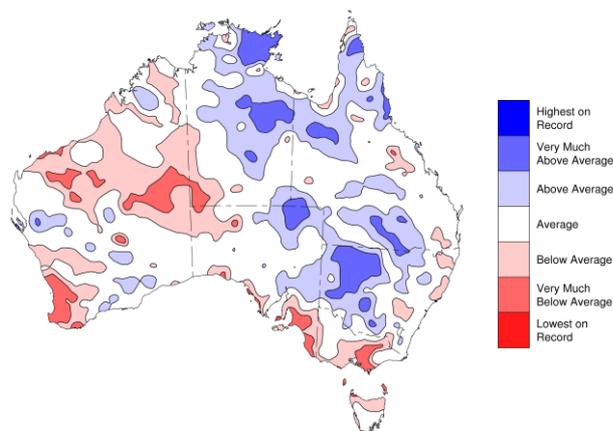
- Across Australia maximum temperatures were 1.37 °C above average; minimum temperatures 1.32 °C above average
- Warmest June on record for Western Australia



June 2015 minimum temperature deciles

June rainfall

- A sequence of troughs and cut-off lows brought above-average rainfall to western New South Wales, and adjacent parts of South Australia and Queensland
- Unseasonable rain fell around the Gulf of Carpentaria, but rainfall totals were low
- Below average rainfall continued in the south, with particularly dry conditions evident in the far southwest.



June 2015 rainfall deciles

- Overall, Australia received 91% of average June rainfall
- Murray–Darling Basin received 142% of average June rainfall
- Dry conditions persist across the Pilbara and the far south coast, including southwest Western Australia, southeastern South Australia and Victoria

Climate influences

- El Niño conditions in Pacific Ocean
- Warm Indian Ocean basin
- Globally, 2015 started with record warm temperatures

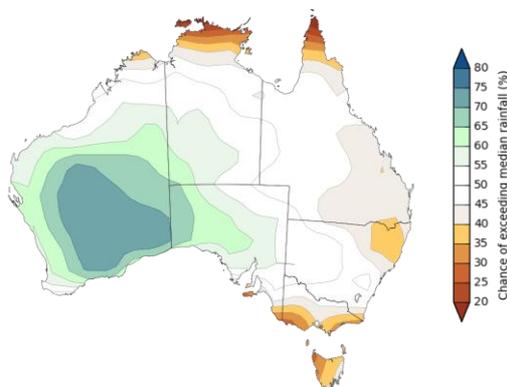


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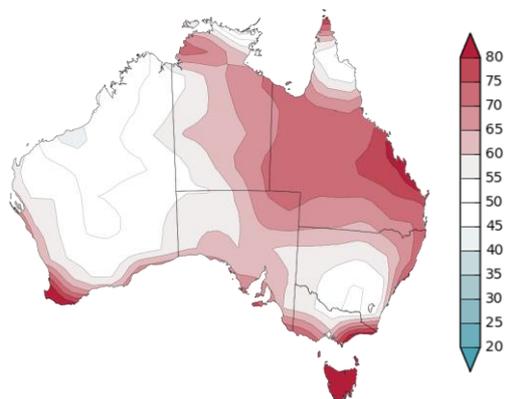
Climate Outlook August–October 2015

- Wetter season more likely for most of Western Australia
- Drier than average conditions likely for northern coastal regions and the far southeast coast



Probability of exceeding median rainfall, August–October 2015

- Warmer days likely for northeast Australia, Tasmania, and the far south coast
- Warmer nights are likely for most of Australia



Probability of exceeding median maximum temperature, August–October 2015

More information

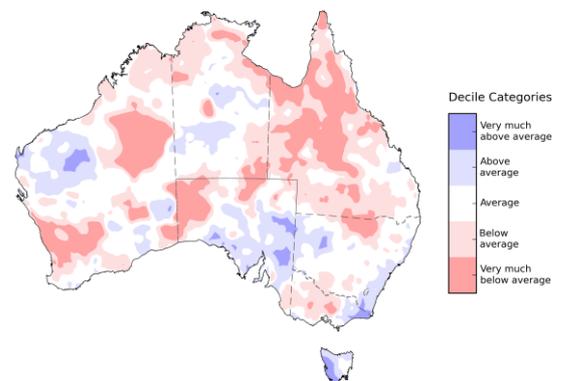
Rainfall and temperature outlook
www.bom.gov.au/climate/outlooks

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

Severe weather warnings
www.bom.gov.au

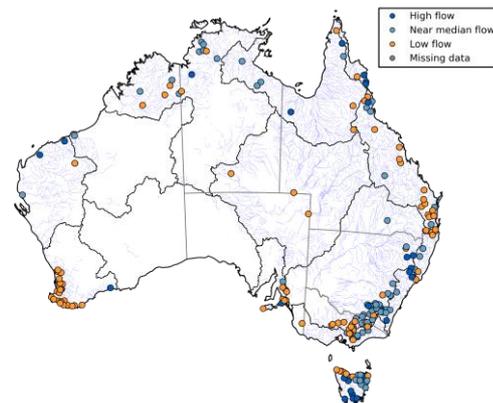
Streamflows and soil moisture Soil moisture, June 2015

- Deep soil moisture remains below average for Queensland, western Victoria and southern Western Australia



Lower layer soil moisture deciles, June 2015

Streamflow forecast, July–September 2015



Forecast streamflow, July–September 2015

- High flows forecast at 33 locations; near median flows at 70 locations; low flows more likely at 93 locations

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