

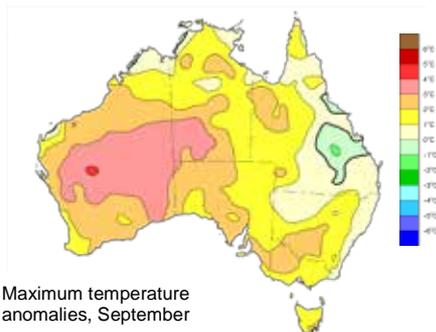
National Climate and Water Briefing

30 October 2014

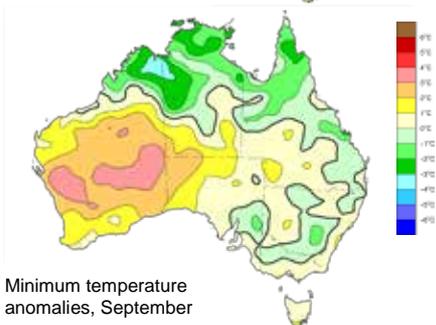
Warmer than normal days persisted across most of Australia throughout September, while nights were slightly below average in the north and southeast. Despite some rainfall in drought-affected areas, long-term deficiencies persist. Short-term deficiencies have emerged in the southeast. The outlook shows increased odds of warmer days and nights across Australia from November to January, with drier than normal conditions likely in the east and in the build up to the northern wet season.

Recent conditions

- September maximum temperatures were above average across most of Australia; minimum temperatures slightly below average over much of northern and eastern Australia but above average in the southwest

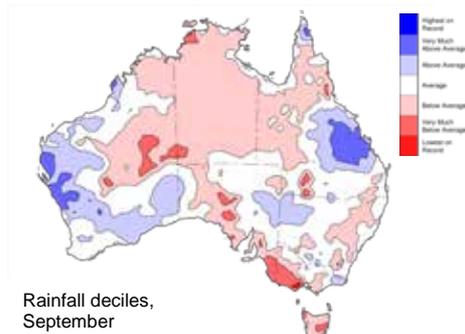


Maximum temperature anomalies, September

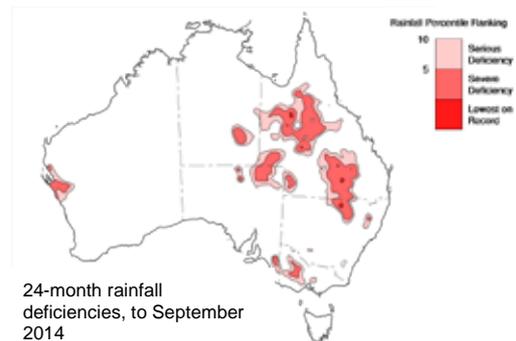


Minimum temperature anomalies, September

- Some rainfall across drought-affected areas through September but did little to ease long-term rainfall deficiencies



Rainfall deciles, September



24-month rainfall deficiencies, to September 2014

- Lower layer soil moisture reflects rainfall deficiency pattern

Global conditions

- Warmest September on record globally
- This follows the warmest May, June and August globally in 2014

Climate drivers

- Warmer than normal tropical Pacific Ocean
- El Niño still a 50% possibility for 2014
- Some El Niño-like weather patterns observed



Northern wet season 2014–15

- Less rainfall than normal in the early wet season
- Normal conditions likely in second half of wet season
- Average to below-average tropical cyclone activity expected



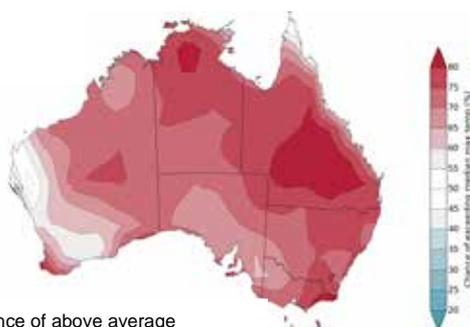
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Climate outlook

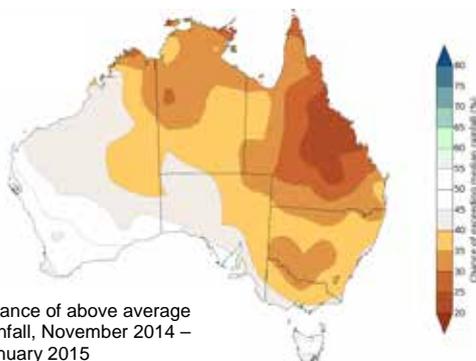
November 2014 – January 2015

- Warmer than average days and nights more likely across most of the country, particularly inland Queensland and Tasmania



Chance of above average maximum temperature, November 2014 – January 2015

- Drier than normal conditions likely for much of Queensland, New South Wales and the Northern Territory



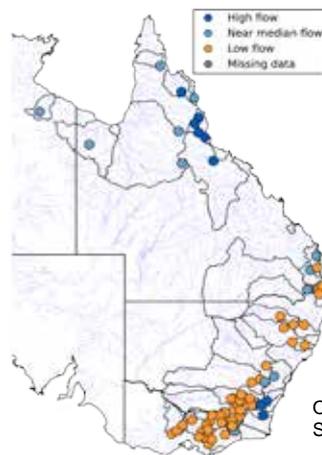
Chance of above average rainfall, November 2014 – January 2015

- www.bom.gov.au/climate/outlooks now features monthly and seasonal rainfall and temperature outlooks, a video summary, and interactive maps for localised outlooks

Streamflow conditions and outlook

Observed streamflow September 2014

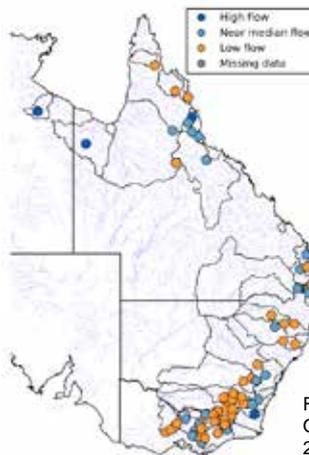
- Mostly low streamflows recorded in New South Wales and Victoria, near median and high flows recorded in the north



Observed streamflows, September 2014

Outlook October–December 2014

- Low to near median flows likely for 69 of 74 forecast locations; high flows at 5 sites



Forecast streamflows, October–December 2014

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

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