

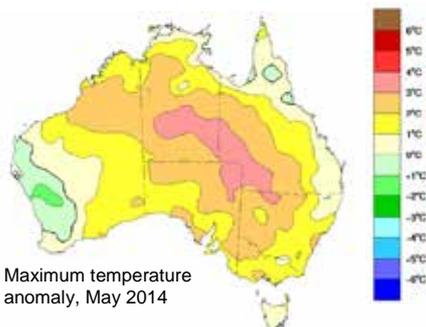
National Climate and Water Briefing

26 June 2014

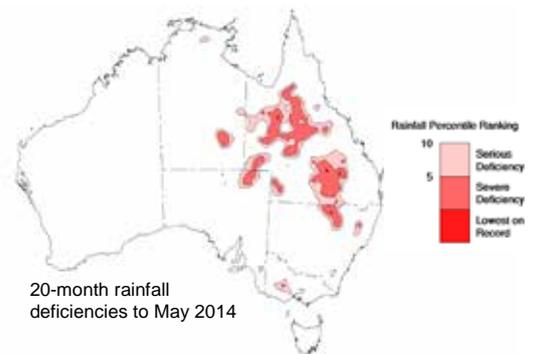
Above average temperatures continued through May, with an extended warm spell for much of southeastern Australia. Warmer than normal days and nights are likely to affect the entire country for the coming three months. Rainfall deficiencies persist in inland Queensland and northern New South Wales and the outlook suggests drier than normal conditions will continue in these areas. Near median streamflows are more likely for southeastern forecast locations. Models and observations continue to indicate an increased chance of an El Niño developing in spring 2014.

Recent conditions

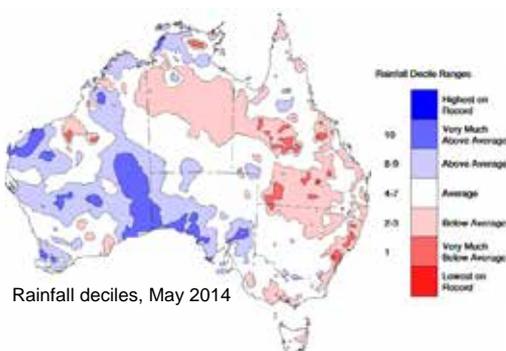
- Autumn warm spell broke many consecutive-day temperature records in southeastern Australia during May
- Nationally averaged maximum temperature 1.6 °C above normal for May; minimum temperature 1.7 °C above normal



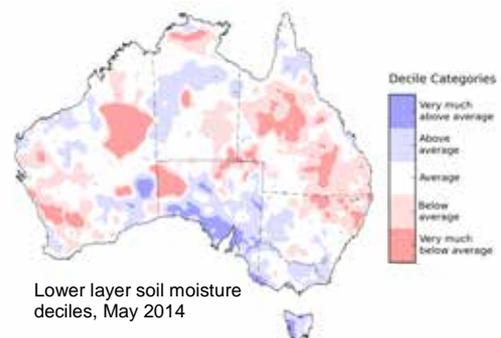
- Little change to rainfall deficiencies affecting inland Queensland and northern New South Wales



- Rainfall was 25% below average across Australia in May, although areas of Western Australia and South Australia received above average falls



- Lower layer soil moisture also remains dry in these areas, while several southeastern areas are wetter than usual



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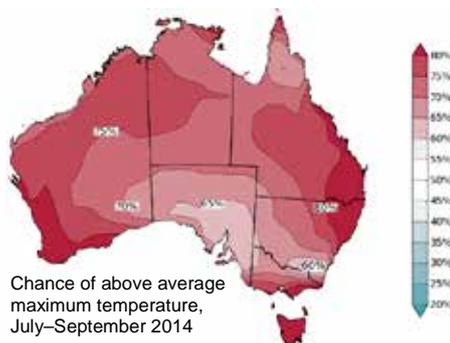
Climate drivers

- Warming Pacific and Indian oceans
- El Niño still likely later in 2014—models suggest spring onset more likely



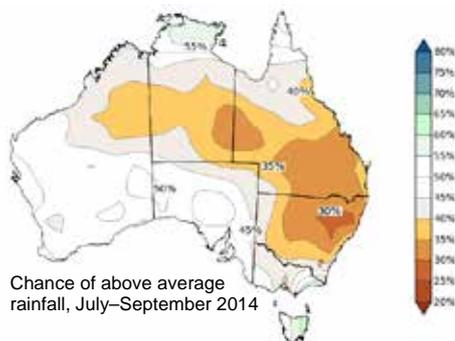
Climate outlook July–September 2014

- Warmer than normal days and nights likely across the entire country



Chance of above average maximum temperature, July–September 2014

- Increased chance of below average rainfall for much of New South Wales and Queensland; shows influence of warming tropical Pacific Ocean

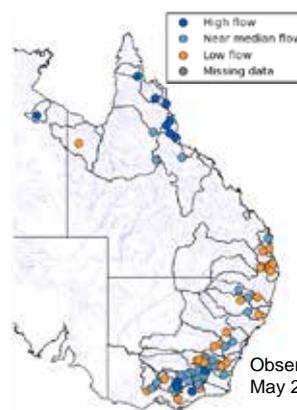


Chance of above average rainfall, July–September 2014

Streamflow conditions and outlook

Observed streamflow May 2014

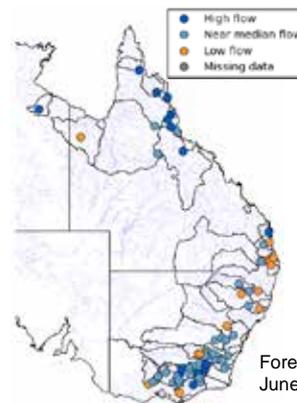
- Near median streamflows recorded at 36 of 74 locations monitored, low flows at 25 locations and high flows at 13 locations



Observed streamflows, May 2014

Outlook June–August 2014

- Near median or low streamflows more likely for southeastern forecast locations; high flows more likely in northern locations



Forecast streamflows, June–August 2014

More information

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

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

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