



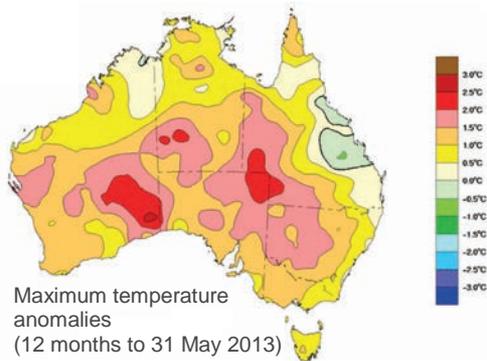
# National Climate and Water Briefing Series

20 June 2013

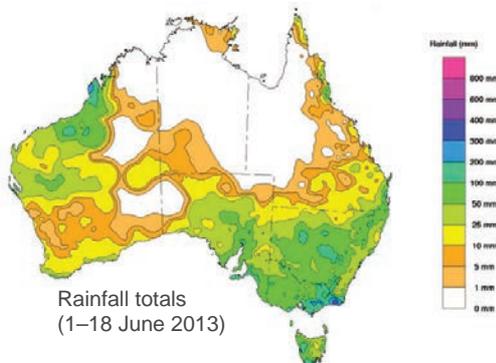
Warmer than normal conditions continued across most of Australia throughout May. Recent rainfall has reduced deficits in many areas, but some locations still below average over longer timeframes. The outlook indicates above average rainfall for most of the country and warmer temperatures in many coastal regions. Near median streamflows are more likely for much of eastern Australia.

## Recent conditions

- Early May heatwave over central Australia and South Australia; 4<sup>th</sup> warmest May on record for South Australia (2.4 °C above average)
- National average maximum temperature 1.0 °C above normal for autumn
- Twelve months to end May 2013—warmest on record



- May rainfall above average across most of the country, but still dry in southeast; nine months to end May—driest on record for Victoria
- Northwest cloudband brought early June rainfall—daily records set at nearly 40 sites across New South Wales, South Australia and Victoria



- Rainfall in first three weeks of June has reduced rainfall deficits in southeastern Australia, but many areas still well below average since April

## Climate drivers

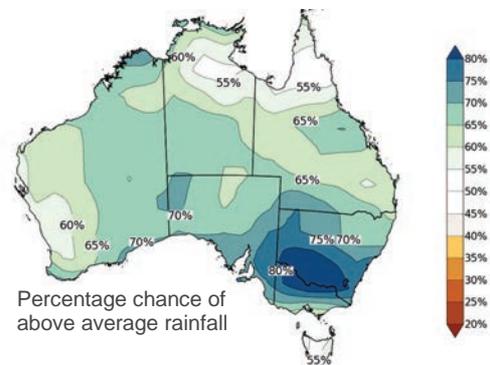
- Climate influences include a warmer than normal eastern Indian Ocean, a neutral-to-cool tropical Pacific and warm local sea surface temperatures



## Climate outlook for July–September 2013

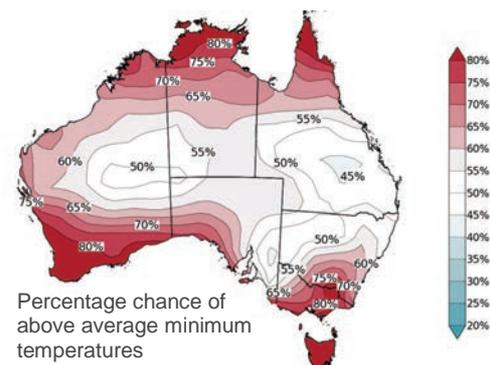
### Rainfall

- Wetter than normal season more likely for most of Australia



### Temperature

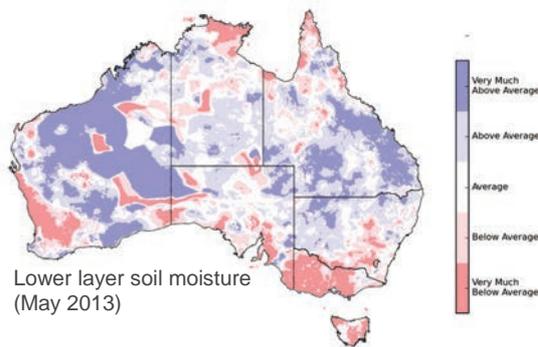
- Cooler days more likely over most of eastern mainland; warmer days more likely over the tropical north, coastal Western Australia and Tasmania
- Warmer nights likely over tropical north, coastal Western Australia and most of southern Australia



20 June 2013

### Soil moisture

- Upper layer soil moisture decreased across northern Australia and east coast in May; still very dry across New South Wales, Victoria and Tasmania
- Small decrease in lower layer soil moisture, but still very much above average across most of Australia

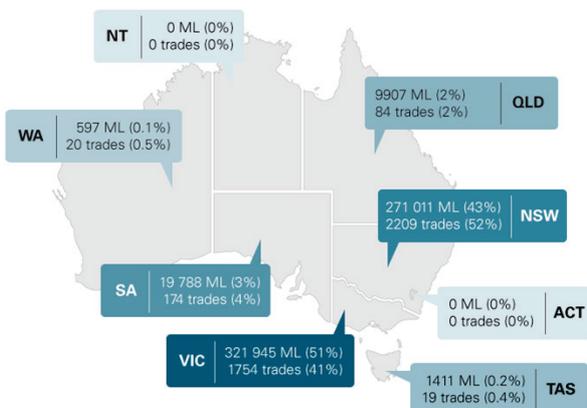


### Water storage levels

- Storage levels are high in Brisbane, Sydney and Hobart (all above 90%); Canberra, Darwin and Melbourne storages are all above 70%
- Adelaide storages are lower (43%) and slightly down on same time last year

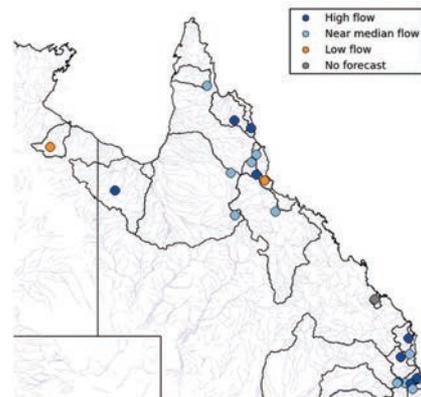
### Water markets

- More than 620 000 ML of water traded in May 2013; majority of inter State trades from Victoria into South Australia

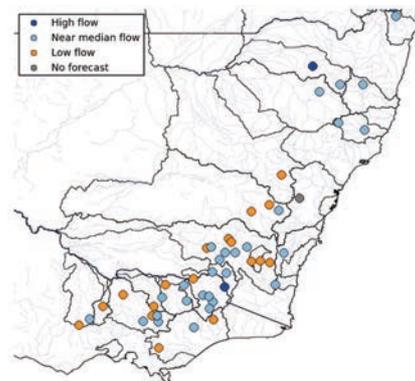


### Streamflow outlook June–August 2013

- Either near median or high flows more likely at most Queensland and Northern Territory locations



- Near median flows more likely at most locations in New South Wales and Victoria, with low flows likely at 18 locations



### Contact

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### More information

Rainfall and temperature outlook  
[www.bom.gov.au/climate/ahead](http://www.bom.gov.au/climate/ahead)  
 Seasonal streamflow forecasts and Water Storage  
[www.bom.gov.au/water](http://www.bom.gov.au/water)