

National Climate and Water Briefing

30 November 2017

The Pacific Ocean is approaching La Niña thresholds, and the Bureau's *ENSO Outlook* has been raised to La Niña ALERT. If La Niña develops it is likely to be weak and short-lived; a repeat of the 2010–2011 event is not expected.

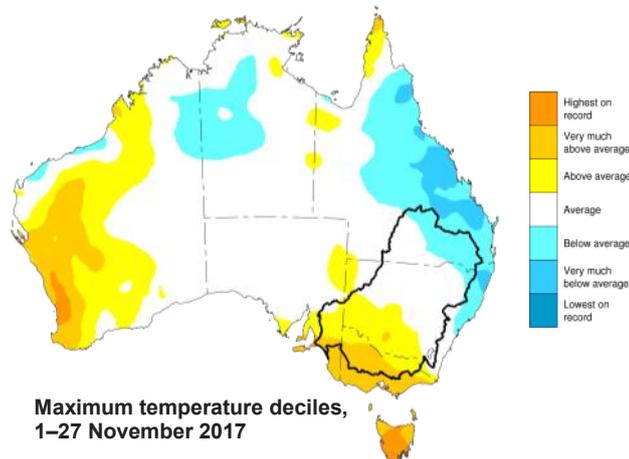
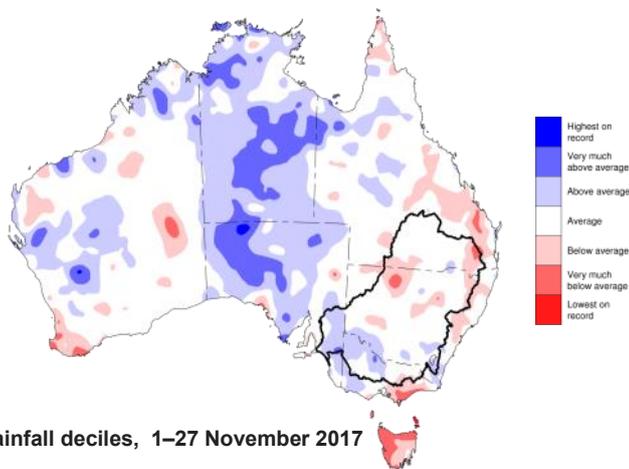
Climate influences and conditions

Climate influences

- Pacific Ocean leans towards La Niña, but remains neutral
- Indian Ocean is warm, but Indian Ocean Dipole index is neutral

Recent rainfall and temperatures

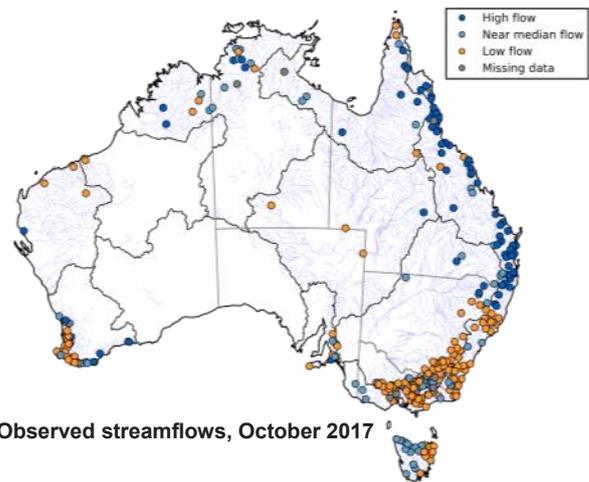
- Tasmania on track for warmest November daytime temperatures on record; Victoria warmer than average
- Rainfall has been below to well below average for almost all of Tasmania, and Gippsland continues to be dry
- Above average rain for central and northern rangelands



Streamflow and soil moisture

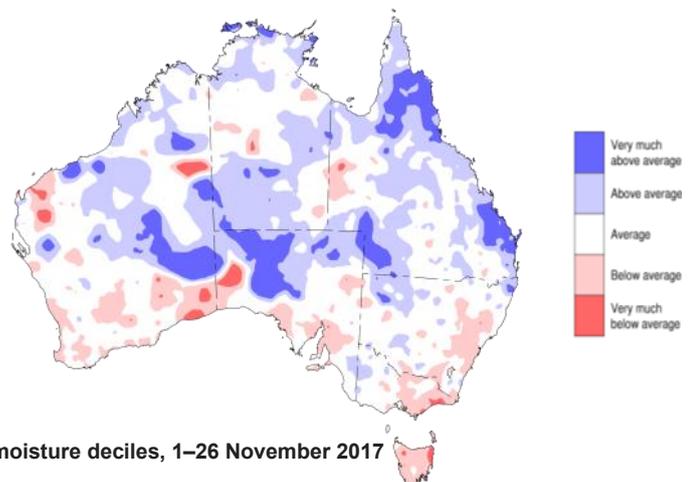
October streamflows, compared to average for the month, were:

- high at 74 locations (23%)
- near median at 69 locations (22%)
- low at 160 locations (50%)



Observed streamflows, October 2017

- Soil moisture has responded quickly to recent rains in Queensland, but is still drier than average in those parts of the south that missed out

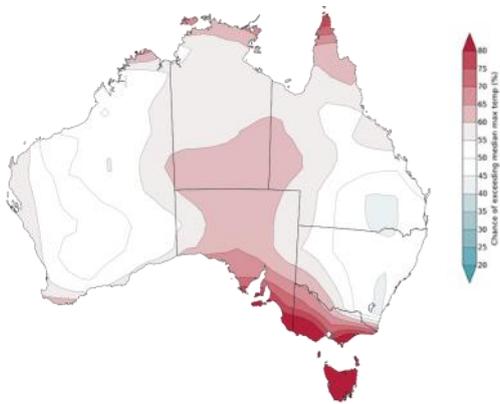


National Climate and Water Briefing

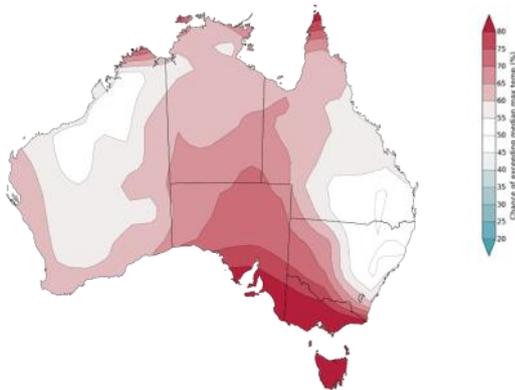
30 November 2017

Climate outlooks

- Maximum and minimum temperatures for December–February are likely to be above median in the south of the continent including Tasmania, through central areas, and in the far north

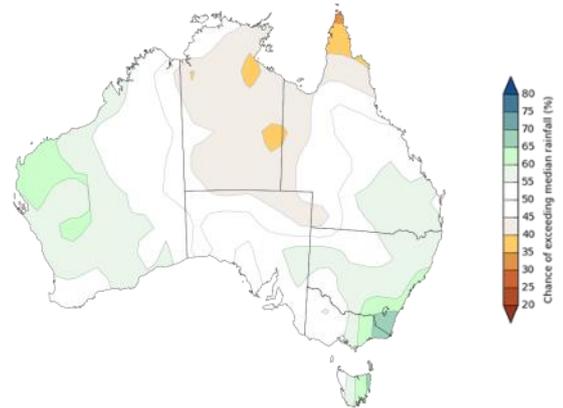


Chance of exceeding median maximum temperature, December 2017 – February 2018



Chance of exceeding median minimum temperature, December 2017 – February 2018

- The likelihood of receiving above-median rainfall for December–February is lower than average for parts of northern Australia, above average in the far southeast and western WA, and near-average elsewhere

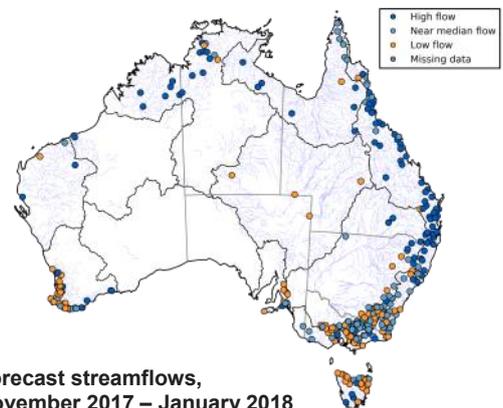


Chance of exceeding median rainfall, December 2017 – February 2018

Streamflow outlooks

Compared to average for this time of year, the streamflow outlook for November 2017 – January 2018 is for:

- high flows more likely at 104 locations (33%)
- near-median flows at 108 locations (34%)
- low flows at 106 locations (33%)
- skill at this time of year is generally moderate to high



Forecast streamflows, November 2017 – January 2018

More information

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

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

Severe weather information

www.bom.gov.au/weather-services/severe-weather-knowledge-centre/

Contact

Joel Lisonbee

(02) 6210 3001 | joel.lisonbee@bom.gov.au



Australian Government
Bureau of Meteorology

www.bom.gov.au