



The CottonInfo Moisture Manager

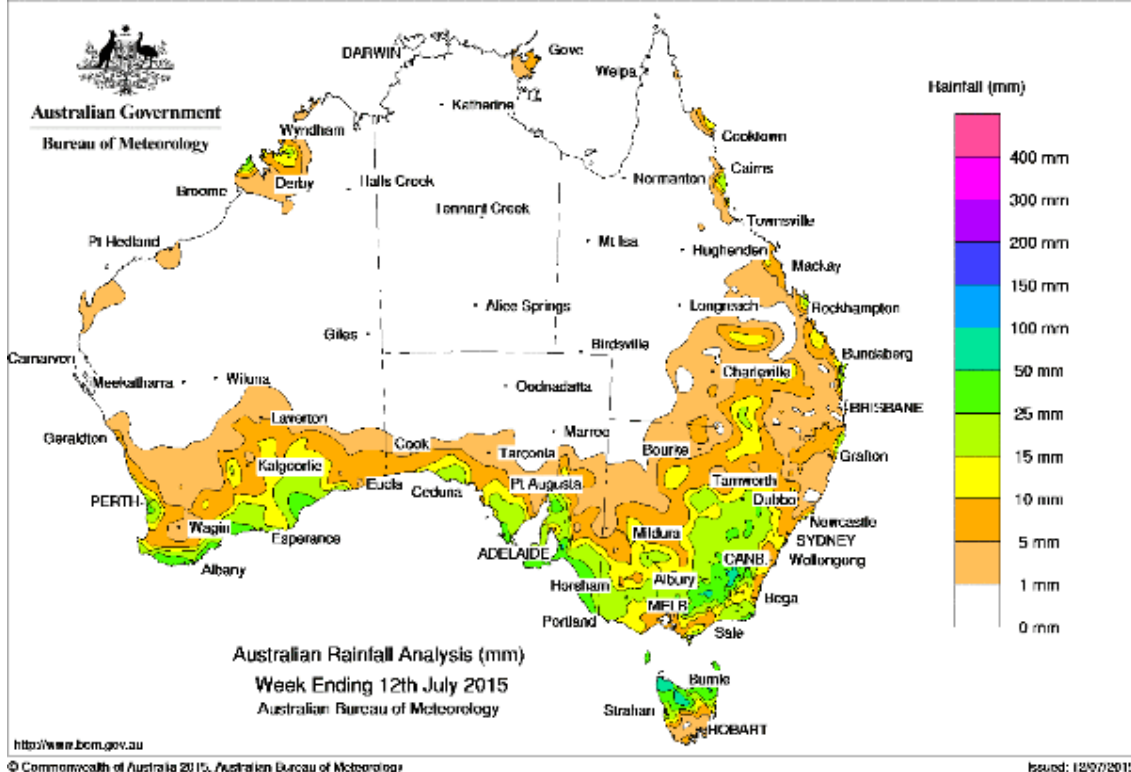
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Latest weather and climate news

- Multi-week rain models continue to show sporadic rain events through to the first week in August.
- Average to below average temperatures look set to continue for most cotton growing areas over the next four weeks.
- Local atmospheric indicators continue to defy broader El Niño trends; the Southern Annular Mode and Upper Atmospheric Blocking currently in positive phases, directing moisture into south-eastern Australia.
- July AEGIC analogue year analysis showing a dry start to spring with below average rainfall to November.
- BOM Streamflow outlook – positive predictions for run-off and above median stream flows for parts of south-east Queensland.

Australian rainfall totals (week ending 12 July 2015)



Summary of climate indicators

For more information on what the climatic indicators mean, [click here](#).

Measure	Indicator	Current Status	Forecast Trend
Sea Surface Temperature Indices 	Pacific Ocean – Niño 3.4	+1.4	 Dry
	Pacific Ocean – Composite Index	+0.3	 Dry
	Indian Ocean	+0.4	 Neutral/dry
Mean Sea Level Air Pressure 	Southern Oscillation Index	-16	 Dry
	Southern Annular Mode	+2	 Neutral/wet
Tasman Sea Upper Atmospheric Air Pressure 	Blocking	+25	 Neutral/wet

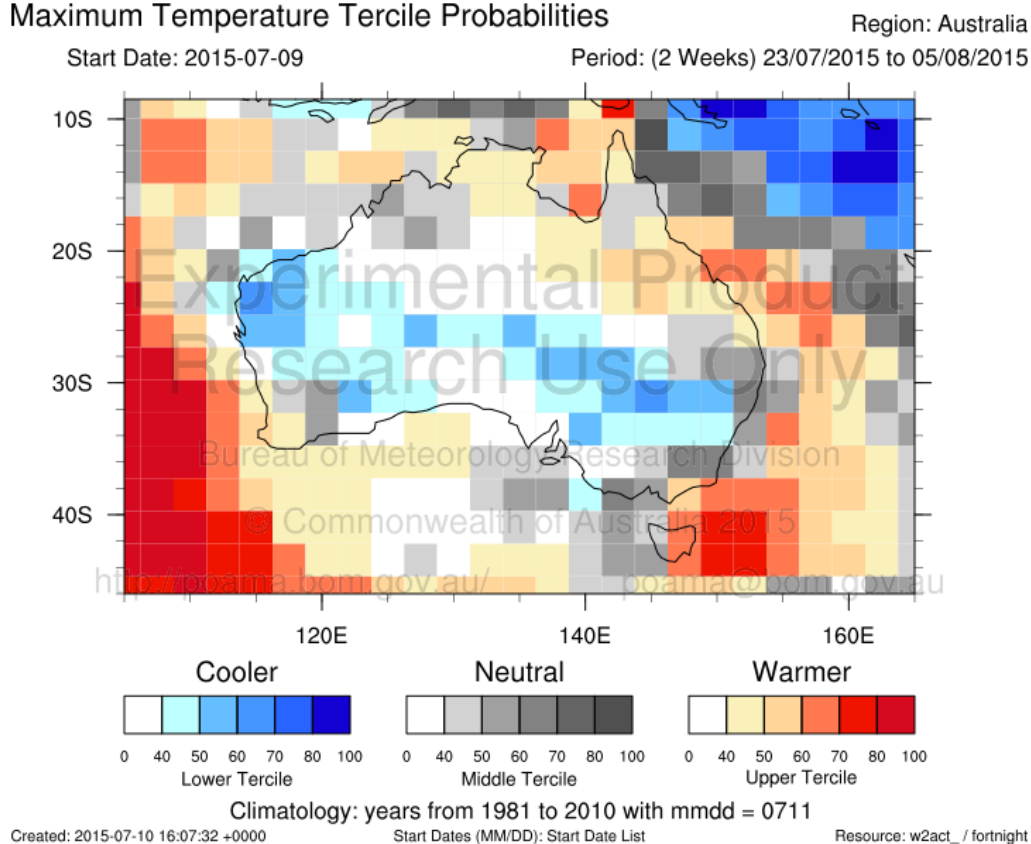
Rainfall and temperature guidance summary

Source	Model Accessed	Temperature Forecast	Precipitation Outlook
POAMA Multi-week(BOM)	13 July	Cooler than average to 5 Aug	Average to above precip. to mid-Aug
Japan Met Assoc.	13 July	Cooler than average to 7 Aug	Average to above to mid-Aug Light rain event 18-30 July
Beijing Climate Centre	13 July	Cooler than average July	Average to above July to mid-Aug
NCEP (GFS) 16-Day	13 July	N/A	Emerald: light rain 25 July Balonne: light rain 24 July Darling Downs: 25mm 25/26 July Border Rvs/Gwydir: light rain through to 26 July Namoi: light rain through to 23 July Warren: light rain through to 22 July Lilletan: light rain 15 July

Temperature tercile probabilities

[POAMA](#) multi-week temperature prediction for the 14 day period from 23 July to 5 August 2015.

Maximum Temperature Tercile Probabilities



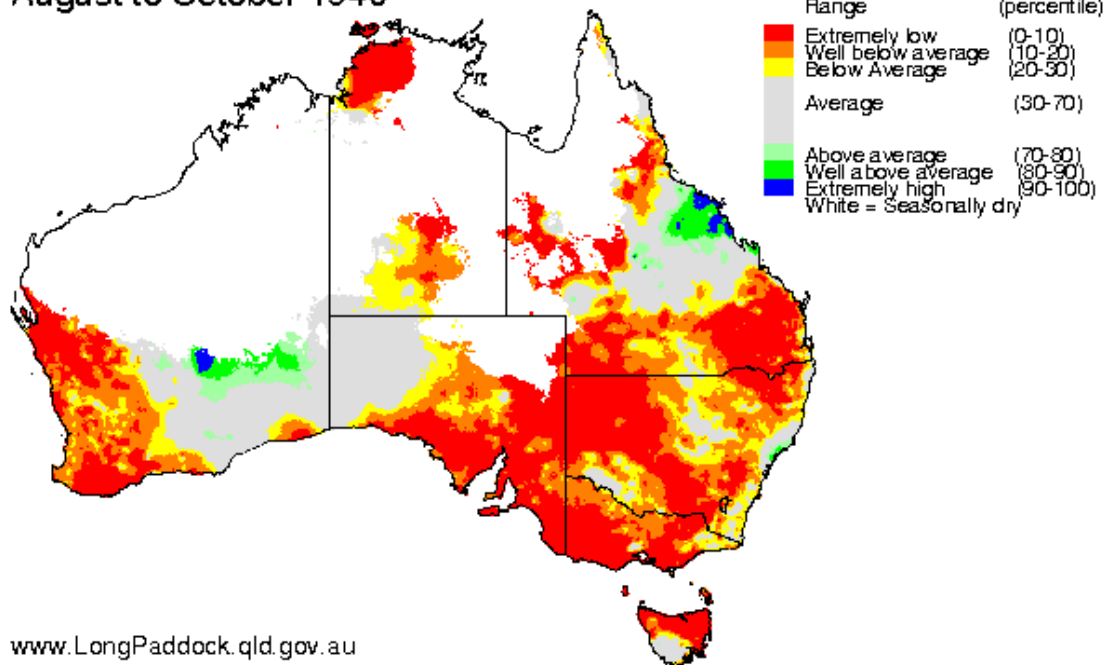
AEGIC 'analogue year' forecast for late winter/spring

Dr David Stephens from the Australian Export Grains Innovation Centre (AEGIC) reports three possible 'analogue' or 'like' years for 2015, based on a comprehensive technical (statistical) analysis of current air pressure and sea surface temperatures across the Indian Ocean and the Tropical Pacific Basin. The analogue years by rank for 2015 are: 1940, 1977 and 1987. The full report can be found [here](#).

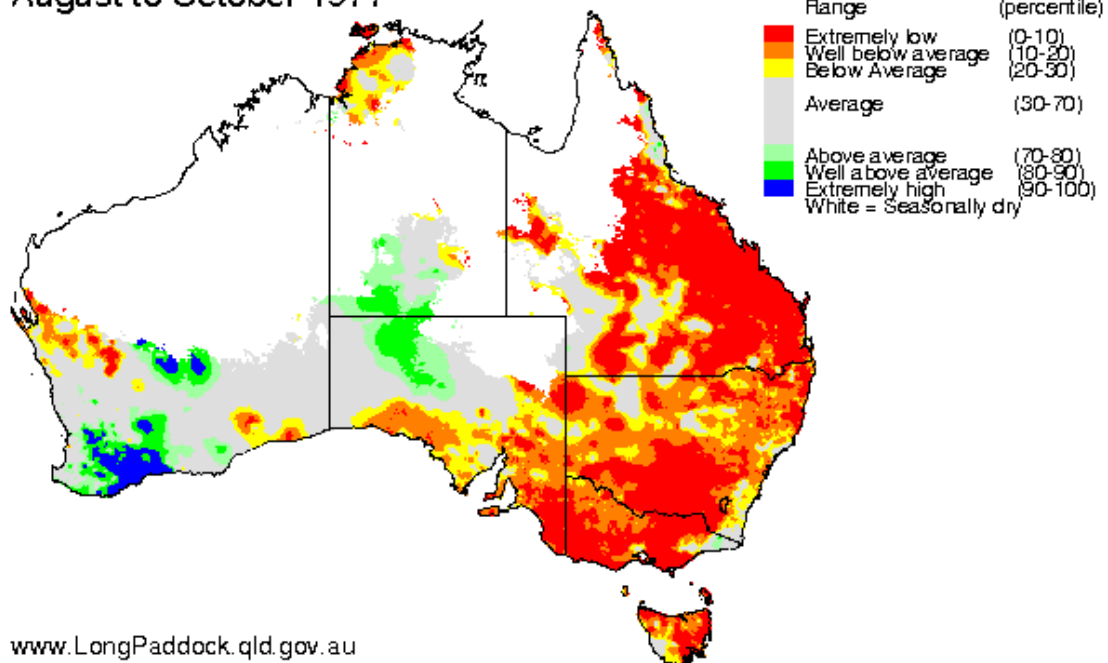
The rainfall anomalies (relative to normal) for 1940 and 1977 from August to

October are summarised below:

Rainfall Relative to Historical Records August to October 1940

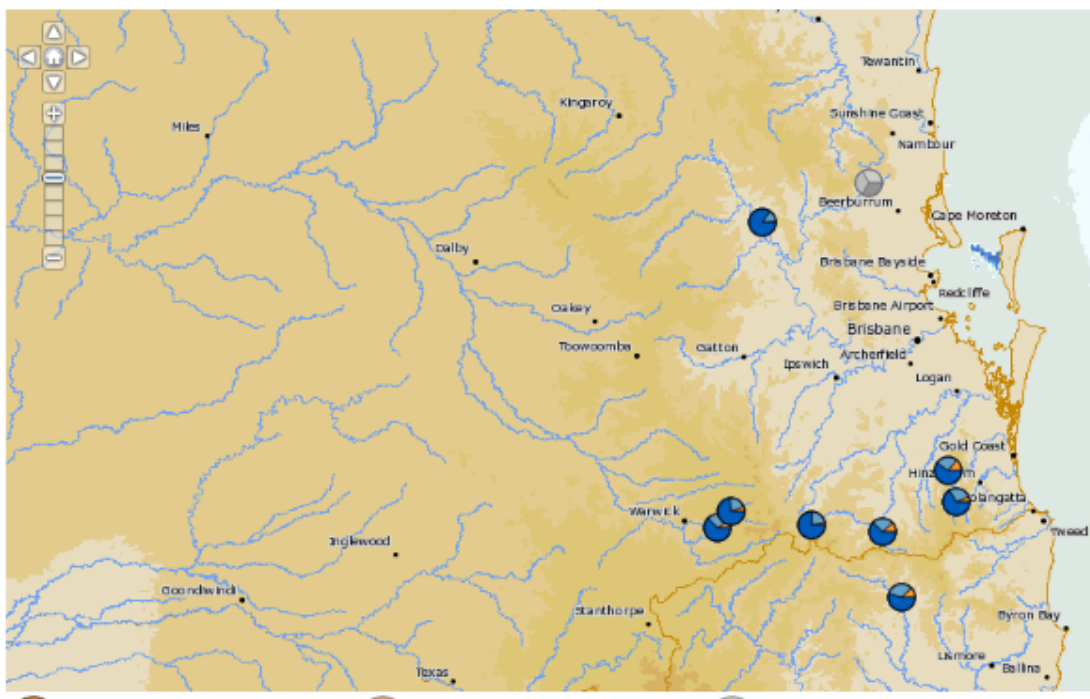





Rainfall Relative to Historical Records August to October 1977



What's your catchment streamflow outlook?

BOM publishes outlooks for river flow in a number of catchments in Eastern Australia. Below is a sample streamflow outlook for a number of rivers in south-east QLD. Heavy blue shading shows moderate to high skill and a high probability of run-off for the next three monthly period at the given location. You can find your BOM catchment stream flow outlook for the next three months [here](#).



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