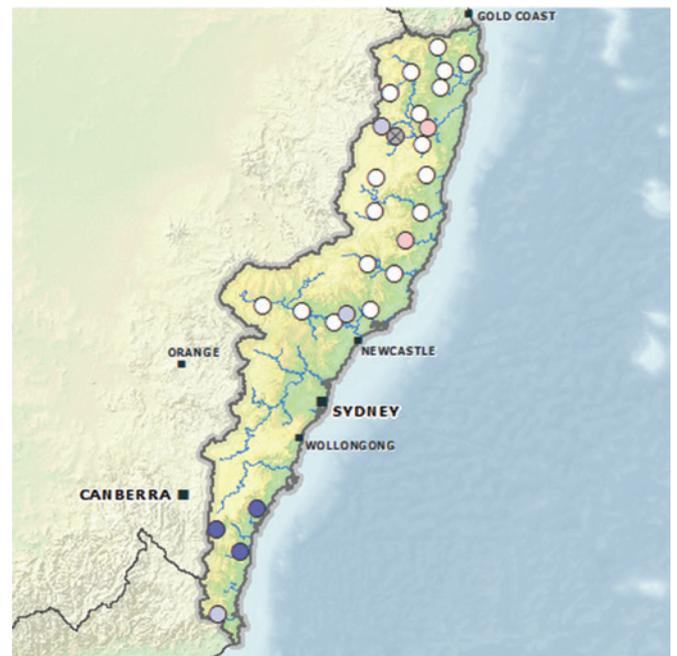




Monthly Water Update



The Monthly Water Update provides an overview of rainfall patterns and streamflow across Australia. It uses flow data from across the country to deliver a snapshot of the previous month's streamflow in relation to the long-term record and associated rainfall patterns.



Monthly Water Update for Southeast Coast (NSW) drainage division, August 2015.

What is included in the Update?

The Monthly Water Update provides information on streamflow at a range of sites across each drainage division. Rainfall is a key driver of streamflow and is shown alongside flows from over 220 gauging stations across Australia's topographic drainage divisions.

The Update uses flow data to determine the status of surface water flows each month.

Gauging stations, which are in ongoing operation and have largely complete records from July 1980, were selected to show the spatial variation of flows across drainage divisions.

Station name and ID, flow decile ranking, and the total monthly streamflow volume are presented for each site. Sites are mapped and colour-coded to show their relative flow decile rank.

Details of the analysis methods are provided in methodology section in the website.



The Update is published early each month to provide a snapshot of recent streamflows

How do we prepare the Update?

Gauge selection

Gauges in the lower reaches of the main rivers in each drainage division are used in the Update. Downstream gauges were selected to provide a view of total outflow from these rivers.

In larger catchments, additional gauges represent the lower, middle and upper basin tributaries to show the varying status of these reaches in the catchment.

Gauges were selected which:

- have ongoing operation
- have largely complete records from July 1980.

Data analysis and quality

The Bureau receives flow data from providers on a continuous basis.

After the end of each month the daily flow data are analysed, ranked in deciles, and published online to provide a timely analysis of recent flows.

If more than ten per cent of the daily records are missing in a particular month, the decile ranking is not computed and the gauge is identified as having missing data.

Provisional data used in the report is not quality-checked and may contain errors.



Select your area of interest using an interactive map.

How can the Update be used?

The Monthly Water Update is useful for water resource managers, government agencies and educators as it:

- provides a snapshot of streamflow and rainfall
- allows comparison of streamflow over time and between river systems using a standardised data analysis and ranking technique
- provides an overview of the association between rainfall and streamflow in different river systems.

The Update improves our understanding of recent river conditions in relation to rainfall across the continent.

Feedback and further information

Check out the latest Monthly Water Update at www.bom.gov.au/water/monthly-water-update

Feedback is vital for the ongoing development of this product. Please send your comments and suggestions to mwu@bom.gov.au

Top image: Photography by Alison Pouliot

FIND OUT MORE

For more information about the Bureau's water information products and services please visit www.bom.gov.au/water. While you are there, you can also subscribe to our enGauge e-newsletter.



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