

20 December 2022

Macquarie and Cudgegong Regulated Rivers Water Source

Water allocation update

There is no change to allocations in the Macquarie and Cudgegong Regulated Rivers Water Source. This quarterly statement is to confirm current water sharing and to provide an update on the regulated resource conditions.

General security licences reached their full (100%) allocation on 6 September 2022, hence there is no allocation increase to be announced in this statement.

Very wet conditions have prevailed across the catchment, keeping Burrendong Dam above 100% full and in the Flood Mitigation Zone (FMZ). FMZ Releases are being used to manage airspace and, along with tributary inflows, to meet the small demand in the system to date.

Water users are advised to note the following:

- Carryover in Cudgegong general security and high security spillable sub-accounts was fully withdrawn on 1 November, in response to Windamere Dam receiving high inflows and spilling.
- Another account reset during the water year will be triggered if Burrendong Dam falls below 100% and then rises and re-enters the FMZ.

Dam levels (as of 20 December 2022)

- Burrendong Dam is 112% full – holding about 1,333,000 ML
- Windamere Dam is 100% full – holding about 367,000 ML.

Climate and streamflow outlooks

The Bureau of Meteorology's seasonal outlook for January 2023 to March 2023 shows no clear indication of wet or dry conditions across the catchment. Maximum and minimum temperatures also show no clear indication of warmer or cooler than median conditions across the catchment.

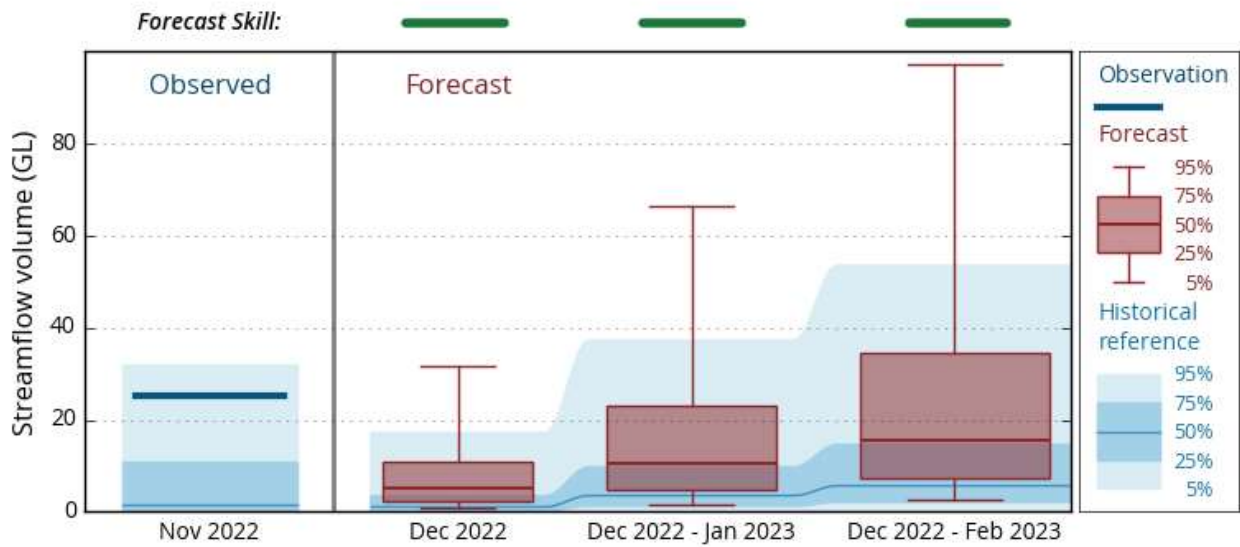
Further details at: www.bom.gov.au/climate/outlooks/#/overview/summary

The Bureau of Meteorology issues a seasonal flow forecast for the Turon River at Sofala, which drains into Burrendong Dam (see the figure below). This provides an indication of potential inflows into the dam. All forecast flow quartiles are higher than the historical quartiles over the December to February period, indicating that inflow over these months is very likely to be higher than historical inflow.

Further details at: www.bom.gov.au/water/ssf/#id=421026

Turon River at Sofala (ID: 421026)

Forecast for Dec 2022 – Feb 2023



Resource distribution

This statement does not include the routine resource distribution table and the pie chart since all accounts have received their maximum allocation for the year. Further resource improvement will benefit system security and allocation prospects in the next water year.

Allocations in 2022/23 for Macquarie and Cudgegong

Table 1 : Water allocation history in 2022/23 for Macquarie (in % or ML/unit share)

Date	License Category	Increment	Total 2022/23	Average Account Balance
1-Jul	Domestic and Stock	100%	100%*	100%*
1-Jul	Local Water Utility	100%	100%*	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	Supplementary	1.00 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	General Security	0.40 ML/unit share	0.40 ML/unit share	127%
10-Aug	General Security	0.60 ML/unit share	1.00 ML/unit share*	134%
6-Sep	High Security	1.00 ML/unit share	1.00 ML/unit share*	100%*#
6-Sep	General Security	1.00 ML/unit share	1.00 ML/unit share*	100%*#

*Maximum allowable.

#Following the withdrawal of carryover and reset of accounts under cl 44(3) of the WSP.

Table 2 : Water allocation history in 2022/23 for Cudgegong (in % or ML/unit share)

Date	License Category	Increment	Total 2022/23	Average Account Balance
1-Jul	Domestic and Stock	100%	100%*	100%*
1-Jul	Local Water Utility	100%	100%*	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	Supplementary	1.00 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	General Security	0.40 ML/unit share	0.40 ML/unit share	283%
10-Aug	General Security	0.60 ML/unit share	1.00 ML/unit share*	343%
6-Sep	High Security	1.00 ML/unit share	1.00 ML/unit share*	100%*
6-Sep	General Security	1.00 ML/unit share	1.00 ML/unit share*	343%*
1-Nov	General Security	1.00ML/share	1.00 ML/unit share*	101%*#

*Maximum allowable.

Above 100% due to positive net trade into the Cudgegong.

Water allocation guide

The NSW Department of Planning and Environment - Water has produced a series of guides to describe the water allocation method for all major NSW regulated river systems. The guide for the Macquarie and Cudgegong regulated rivers water source is available at: www.industry.nsw.gov.au/water/allocations-availability/allocations/how-water-is-allocated/resource-assessment-process

Further information

Given there will be no further allocations this water-year, the next water allocation update for the Macquarie and Cudgegong Regulated Rivers Water Source will be published in late **March 2023**. It will provide a preliminary indication of water availability and allocations for the 1 July start of the 2023/24 water year.

Information on available water determinations and water sharing plans is available on the Department of Planning and Environment website: www.industry.nsw.gov.au/water

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