



Water Reporting Summary – Macquarie–Castlereagh Catchment

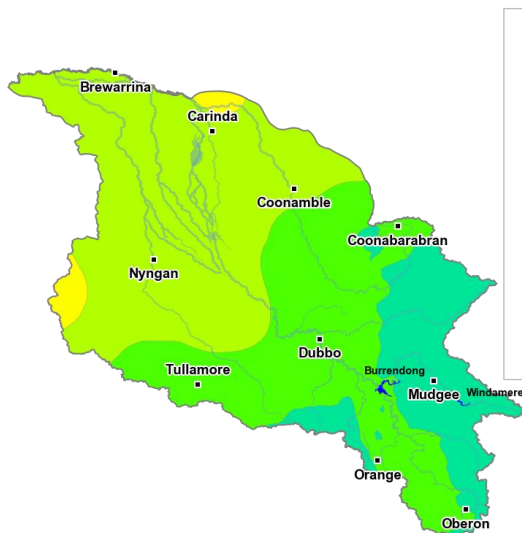
16 November 2020



Overview

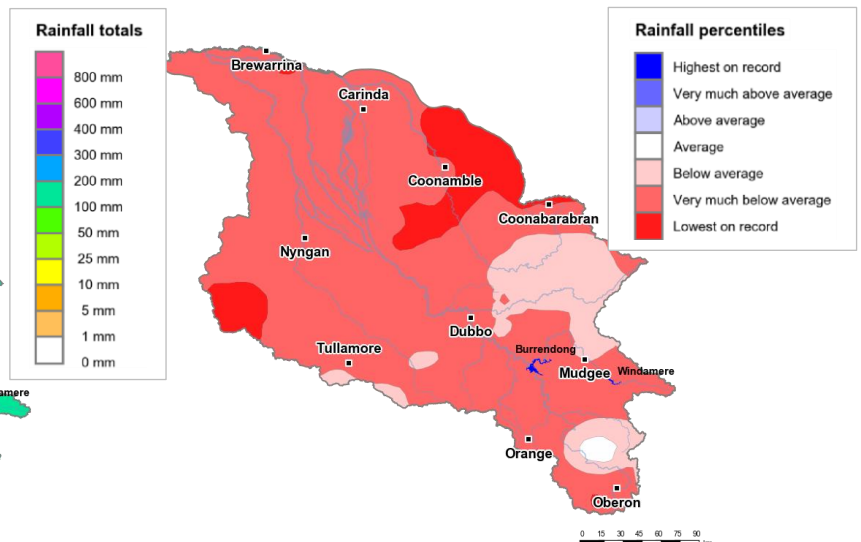
- In the last 30 days, there was widespread rainfall across the Macquarie–Castlereagh catchment, with most upstream areas, including the Windamere Dam catchment receiving 100 to 200 mm of rainfall. The central catchment areas received 50 to 100 mm, while downstream areas received 25 to 50 mm of rainfall (Figure 1). The total area-average rainfall for the catchment was 65 mm. Rainfall in the last month is in the context of the extended dry period since January 2017 with rainfall across the Macquarie–Castlereagh catchment being mainly very much below average or lowest on record (Figure 2).
- The recent rainfall has helped to maintain mainly above average root zone soil moisture conditions and has translated into some runoff and inflows into storages (Figure 3). Announced allocations for general security entitlement holders have increased to 23%, up 5% since October (Figure 4) (NSW DPIE). For this time of year, these are the highest allocations since since 2017–18 (Table 1).
- Allocation prices are currently \$200 per ML which is the same as prices paid last month (Table 1).

Recent conditions



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Figure 1: Rainfall totals for the last 30 days (18 Oct to 16 Nov 2020)



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Figure 2: Rainfall percentiles since January 2017 (compared to 1900–2019 long-term average) (Jan 2017 to Oct 2020)

Note: Rainfall percentiles for the period from January 2017 are shown as the Bureau of Meteorology considers January 2017 to be the start of the current dry period for eastern Australia.

How much water is in the storages?

Storage volume: Burrendong, Windamere storages as at 16 November 2020

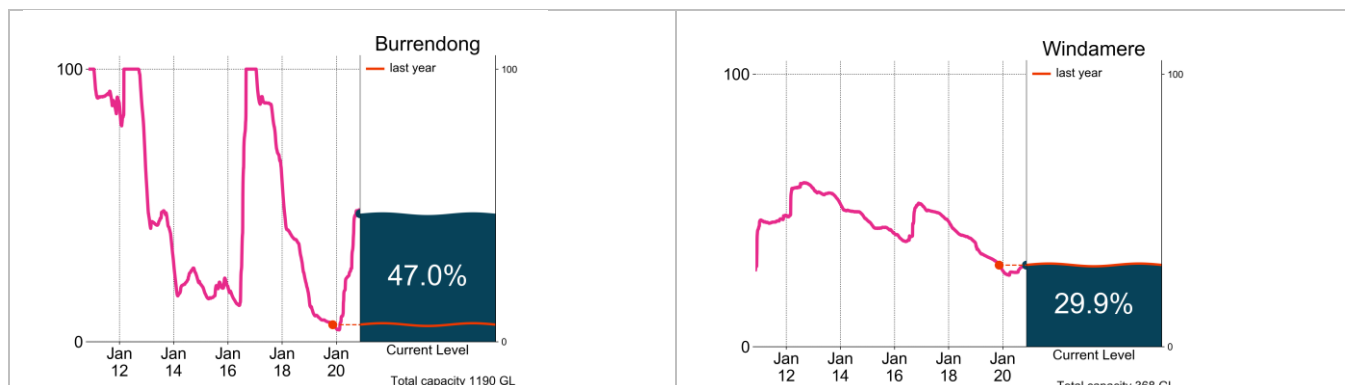


Figure 3: Current total storage (% of total capacity) compared to the last ten years
Source: [BoM water storages dashboard](#)

Who is the water for?

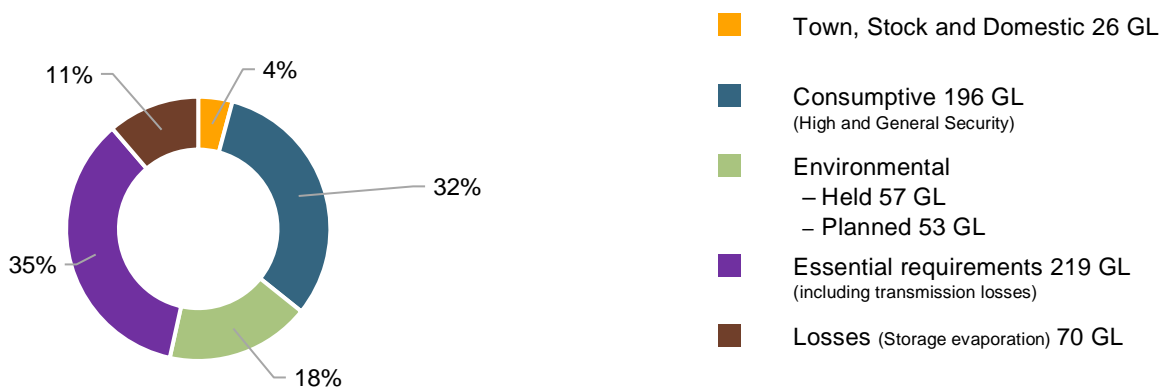


Figure 4: Volumes of water allocated (% of total) for the 2020–22 water years (as at 11 November 2020)
Source: [NSW Department of Planning, Industry and Environment](#)

NB: Allocation information shown here is water allocated for various purposes from the Macquarie and Cudgegong regulated river sources within the Macquarie–Castlereagh catchment as at 11 November 2020. It does not represent remaining available allocated water as it does not allow for water used, traded or new storage inflows (in excess of minimum assumptions).

Table 1: Allocation announcements (%) and market prices – selected licence categories as at 16 November 2020

Licence category	Announced allocation	Historic comparison (same time of year)	Entitlement prices (monthly median)	Allocation price (median – last 7 days)
Stock & Domestic	100%	Same as most years	n/a	\$200/ML*
High Security	100%	Same as most years	n/a	
General Security	23%	Highest allocation since 2017–18	\$1 900/ML*	
Average Carryover (General Security)	8% currently available	1.6 % available last year	n/a	

*Indicative - limited trades

Source: [NSW Department of Planning, Industry and Environment](#) and [BoM water markets dashboard](#)

FIND OUT MORE

For more information email water@bom.gov.au



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