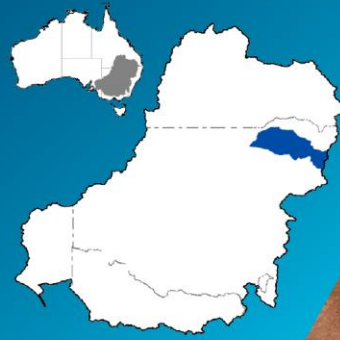




Water Reporting Summary – Gwydir Catchment

15 June 2021



Overview

- In the last 30 days, there has been rainfall across the Gwydir catchment. The upstream two-thirds of the catchment, including the catchment area of Copeton Dam, received 50 to 100 mm of rainfall with areas downstream of the Upper Horton receiving 100 to 200 mm. The rest of the Gwydir catchment received 25 to 50 mm (Figure 1). The total area-average rainfall across the catchment was 66 mm in the last 30 days. This recent rainfall is in the context of the extended dry period since January 2017 with rainfall across the Gwydir catchment mainly being below to very much below average with some record low rainfall in the far west (Figure 2). However, the good rainfall in recent months has improved the medium-term rainfall percentiles.
- Rainfall in the last month has maintained the catchment wetness with above average root zone soil moisture in the upper half of the catchment to Moree and very much above average in the area around Warialda. The remaining areas of the Gwydir catchment have average soil moisture. Recent rainfall has generated some runoff and inflows to Copeton Dam (Figure 3).
- The last two months rainfall has improved the water availability and the general security allocations have increased from 57.1% to 58% which are the highest allocations for the last three years (Table 1).

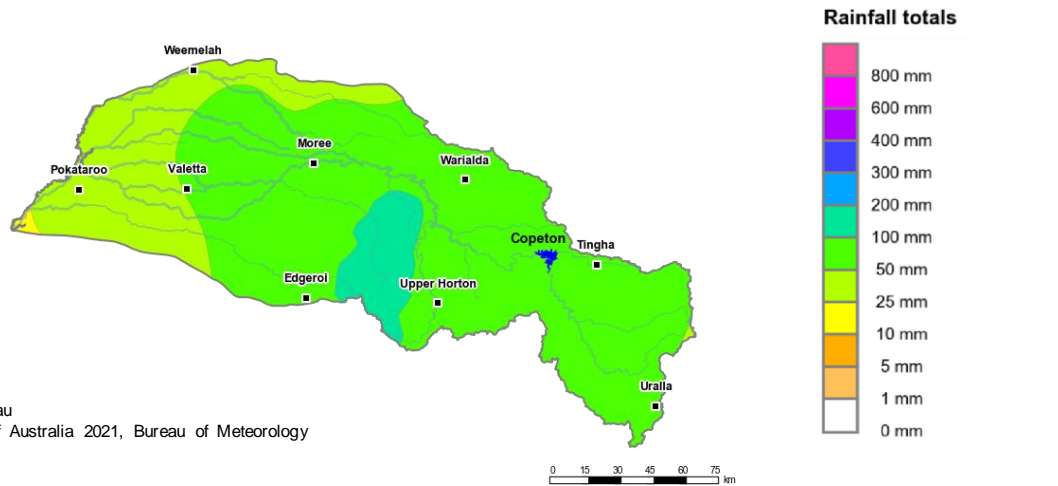


Figure 1: Rainfall totals for the last 30 days (17 May to 15 June 2021)

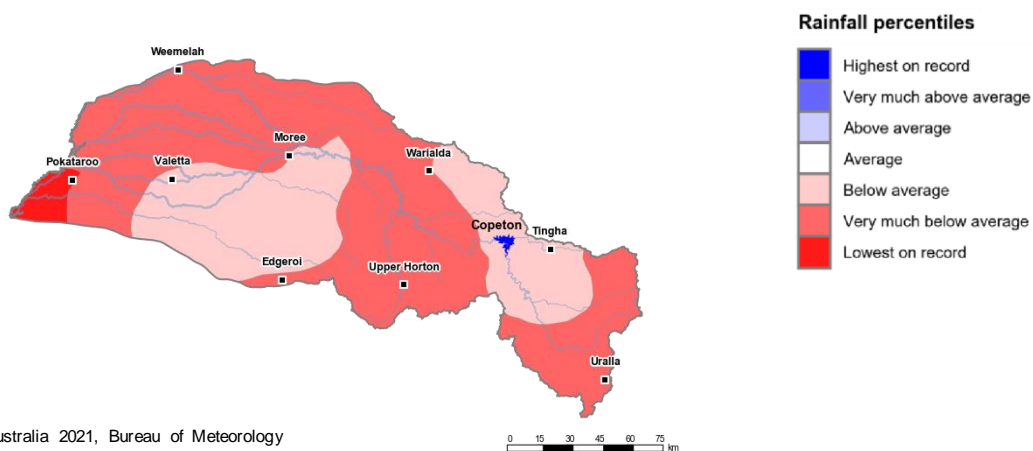


Figure 2: Rainfall percentiles since January 2017 (compared to 1900–2019 long-term average) (Jan 2017 to May 2021)

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 storage?

Storage volume: Copeton storage as at 13 June 2021

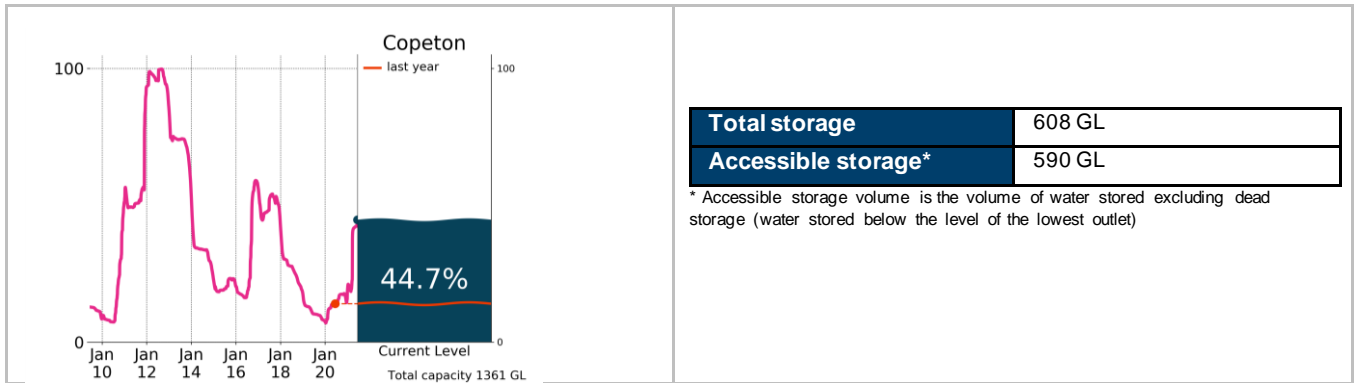


Figure 3: Current total storage (% of total capacity) compared to the last ten years

Source: [BoM water storages dashboard](#)

Who is the water for?

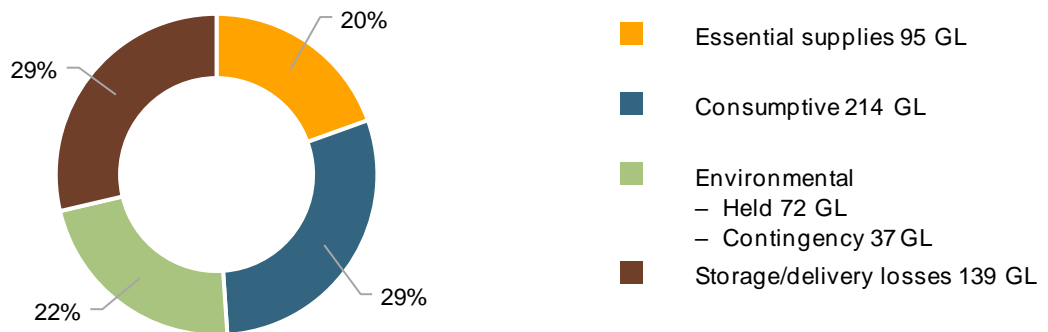


Figure 4: Volumes of water allocated (% of total) for the 2020–21 water year (last updated 7 June 2021)

Source: [NSW Department of Planning, Industry and Environment](#)

NB: Allocation information shown here is water allocated for various purposes as at 7 June 2021. 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 15 June 2021

Licence category	Announced allocation	Historic comparison (same time of year)	Entitlement prices (monthly median)	Allocation price (median – last 7 days)
Stock & Domestic, Local Utility	100%	Same as most years	n/a	\$150/ML*
Gwydir High Security	100%	Same as most years	n/a	
Gwydir General Security	58%	Highest allocations in last three years	n/a	
Average Carryover (General Security)	5%	3% last year	n/a	

* Indicative - limited trade data 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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