

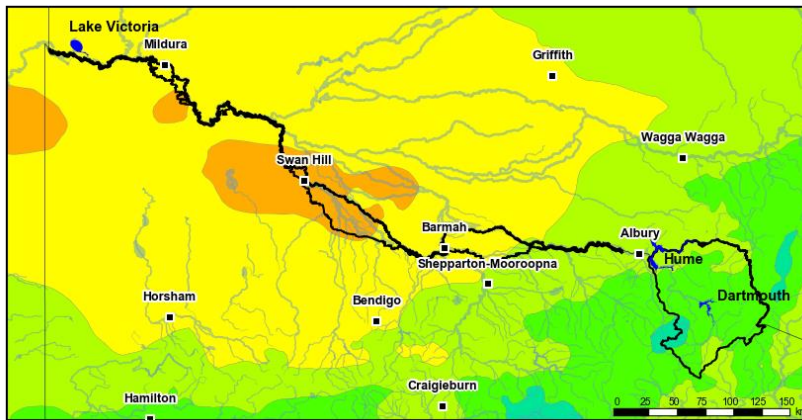
Water Reporting Summary – Victorian Murray Catchment

15 December 2020

Overview

- In the past month, most central and lower areas of the Victorian Murray catchment received 10 to 25 mm of rainfall, while areas near Hume Dam received 25 to 50 mm. Upstream areas of the catchment received up to 100 mm of rainfall. In contrast, areas near Swan Hill received less than 10 mm (Figure 1). The area-average rainfall for the catchment was 46 mm. However, this recent rainfall is in the context of the extended dry period since January 2017 with rainfall across the Victorian Murray catchment mostly below average or very much below average (Figure 2).
- Root zone soil moisture was average across most of the catchment. As a result, recent rainfall has translated into some runoff and inflows into storages (Figure 3).
- Announced allocations for high-reliability water shares are currently 88% which is 32% higher than the same time last year (Table 1). Allocation prices are currently \$158-\$215 per ML (Table 1), which is higher than prices paid in November (\$140-\$200 per ML) but significantly lower than the same time last year (\$635-\$800 per ML).
- Looking forward to the 2020–21 summer, if storages experience average inflows, similar to those received during 2017–18, announced allocations are expected to reach 100% for high-reliability water shares by February 2021 (Northern Victoria Resource Manager).

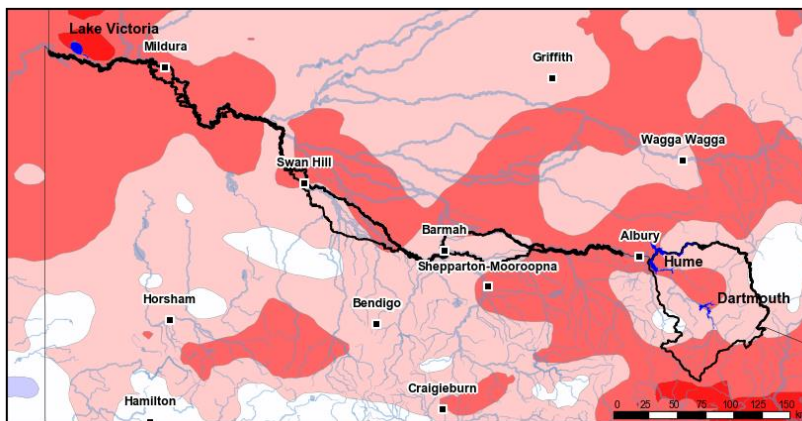
Recent conditions



Rainfall totals



Figure 1: Rainfall totals for the last 30 days (16 Nov to 15 Dec 2020)



Rainfall percentiles

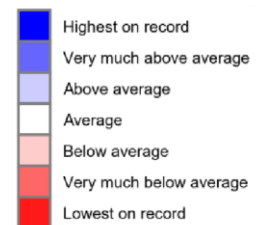


Figure 2: Rainfall percentiles since January 2017 (compared to 1900–2019 long-term average) (Jan 2017 to Nov 2020)

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?

Combined total storage (Vic share*): 2 597 GL (as at end of Nov 2020)

*Victoria's share of Dartmouth, Hume, Lake Victoria and Menindee Lakes storages

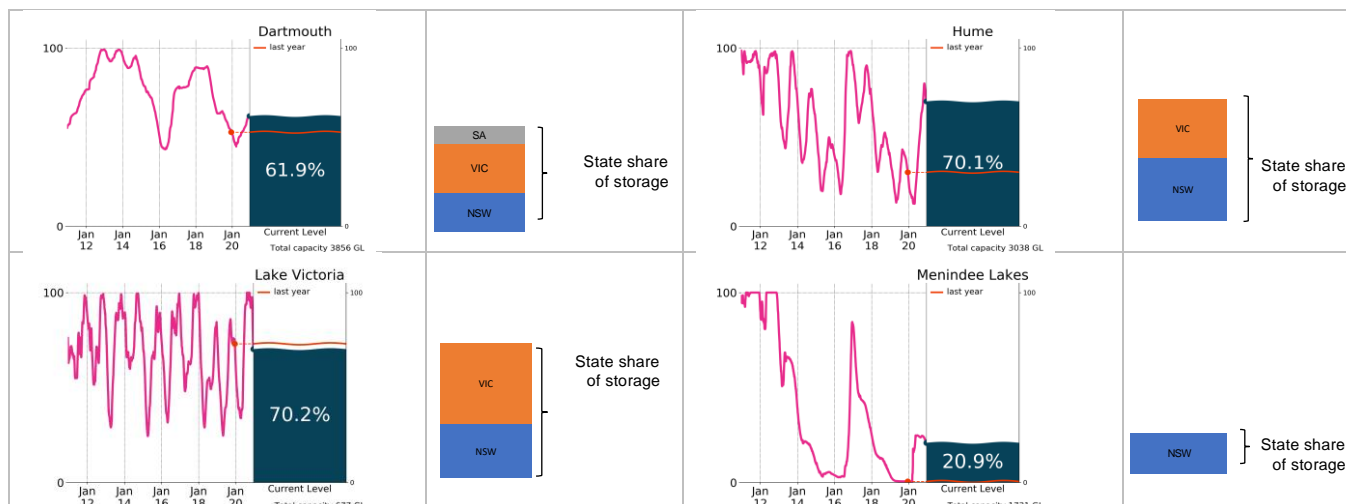


Figure 3: Current total storage (% of total capacity) as at 15 December 2020 compared to the last ten years (State shares updated end Nov 2020)

Source: [BoM water storages dashboard](#) and [MDBA](#)

Who is the water for?

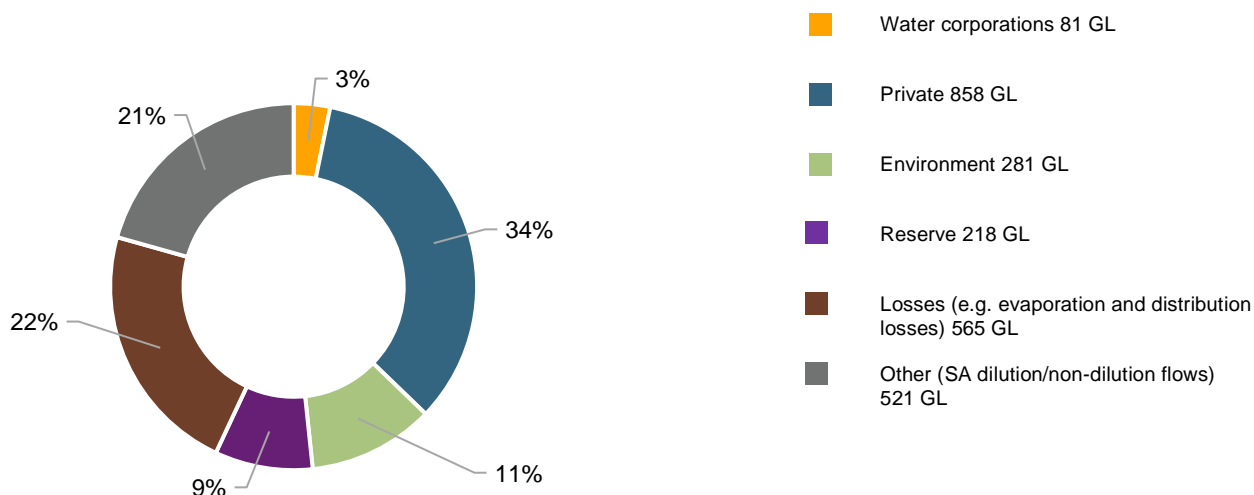


Figure 4: Volumes of water allocations currently available/remaining (% of total remaining) (as at 15 December 2020)

Source: [Northern Victoria Resource Manager](#)

NB: Allocation information shows water available in allocation accounts and remaining commitments as at 15 December 2020. Information published by the Northern Victoria Resource Manager differs from information published on the Victorian Water Register as the former includes preliminary environmental water holder use and volumes of operational use by Goulburn-Murray Water private water shareholders.

Table 1: Allocation announcements (%) and market prices – selected licence categories as at 15 December 2020

Licence category	Announced allocation	Historic comparison (same time of year)	Entitlement prices (monthly median)	Allocation price (median – last 7 days)
Vic Murray High-Reliability Water Share	88%	56% last year	\$4 250 (Zone 6) \$6 000/ML (Zone 7)	\$158/ML (Zone 6) \$215/ML (Zone 7)
Vic Murray Low-Reliability Water Share	0%	Same as most years	\$550/ML (Zone 6) \$895/ML (Zone 7)	

Zone 6: Upper Victorian Murray (Dartmouth to Barmah); Zone 7 is lower Victorian Murray (Barmah to SA border)

Source: [Victorian Water Register](#) and [BoM water markets dashboard](#)

FIND OUT MORE

For more information email water@bom.gov.au



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