

28 October 2022

Richmond Regulated River Water Source

Water allocation update

All entitlements, including general security (GS), received their maximum (100%) allocation for the 2022/23 water year on 1 July 2022. There is no allocation change and no significant usage has been reported in the current water year. This quarterly statement is to provide an update on the water sharing and the regulated resource conditions.

Current allocation

2022/23	General Security	Average Account Balance
Richmond Regulated River water source	100%*	100%*^

* Maximum allowable.

^ Average account balance.

Key facts:

- Very wet conditions continue. The Richmond catchment experienced rainfall ranging from 100 to 200 mm in September 2022 and 100 to 300 mm from July to September.
- Toonumbar Dam, the headwater storage for the regulated system, has remained full all year with periodic spills. It was holding 11.2 gigalitres (GL), about 101% of its capacity on 26 October 2022, up from 96% full at the same time last year.

Climate outlook

The Bureau of Meteorology's seasonal outlook for November to January indicates that rainfall is likely to be above median for the Richmond catchment. Additionally, maximum temperatures are likely to be cooler median and minimum temperatures are likely to be median or warmer than median for the catchment during this period.

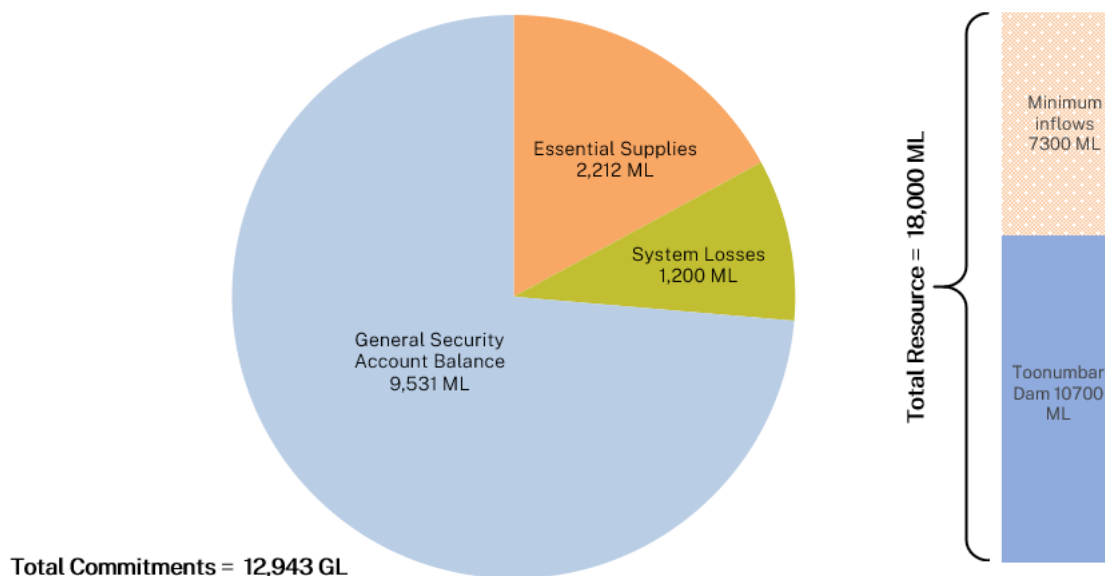
Further details at: www.bom.gov.au/climate/outlooks/#/overview/summary

Resource balance

Resource Distribution – October 2022	(ML)	(ML)
Toonumbar Dam active storage volume (as at 1/10/2022) ¹		10,700
Minimum storage inflows (1/11/22 to 30/06/23) ²		7,300
<i>Less</i>		
Basic Land Holder Rights	301	
Domestic and Stock	14	
Transparent releases	274	
Minimum storage releases	1,500	
High Security (HS) account balance ³	123	
Losses (evaporation, transmission, operation) ⁴	1,200	
Storage reserve for 2023/24 and 2024/25 ⁵	0	
General Security (GS) account balance ³	9,531	
<i>Equals</i>		
Surplus (or deficit) ⁶		5,057

- (1) This is the active storage volume in Toonumbar Dam as of 1 October 2022, capped at the active full supply volume of 10,700 ML. Higher volumes of storage surcharge and spill are not counted as an available resource for allocation.
- (2) Minimum inflow sequence from 1 November 2022 to 30 June 2023 as the storage is currently spilling and unable to capture October 2022 inflows.
- (3) There may be no or low actual usage for 2022/23 if wet conditions continue.
- (4) The storage evaporation loss, system transmission loss and operational loss is pro-rated from 1 November 2022 to 30 June 2023. No storage evaporation, system transmission and operational losses are assumed for October 2022 as the storage is full and spilling, and unregulated flows are covering losses.
- (5) Storage reserve is water that required to be set aside in the storage as a reserve to meet system losses plus essential requirements net of minimum inflows. In this case, for the next water year (2023/24) and the water year after that (2024/25), minimum inflows are sufficient to cover the essential supply and system loss requirements, and hence no storage reserve is required for the 2023/24 and for the 2024/25 water years.
- (6) Surplus or deficit of available water after accounting for all commitments. The surplus of 5,057 ML means there is additional resource available after accounting for all commitments. As all accounts are fully allocated for the current water year, this volume remains unallocated, improving future allocation reliability.

Richmond Regulated River Water Source Resource Distribution 1 October 2022 to 30 June 2023



Allocations in 2022/23

Date	License Category	Increment	Total 2022/23	Average Account Balance
1-Jul	Domestic & Stock	100%	100%*	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	General Security	1.00 ML/unit share	1.00 ML/unit share*	100%*

* Maximum allowed

Further information

The next water allocation statement for the Richmond regulated river water source will be published in late January 2023.

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

Subscribe [here](#) to receive the Department of Planning and Environment’s monthly email update on water planning, management, and reform in New South Wales.

You can also follow the department on Twitter: @NSWDPIE_Water

Feedback on this work or any aspect of the department’s service can be provided using the widget at: www.dpie.nsw.gov.au/contact