

24 October 2022

# Paterson Regulated River Water Source

## Water allocation update

All entitlements, including General Security (GS) received their maximum allocation for the 2022/23 water year on 1 July 2022. There is no change to allocations and usage has been low.

### Current allocation

2022/23	General Security	Average Account Balance
Paterson Regulated River water source	100%*	110%*^

\* Maximum allowable.

^ Average account balance.

Note: GS water access licence holders can carry over 10% of their entitlement from one water year to the next water year.

### Key facts:

- The Paterson catchment experienced rainfall ranging from 50 to 100 mm in September 2022 and 200 to 600 mm over the July to September period.
- As of 20 October, Lostock Dam was holding 20.4 gigalitres (GL) of water, about 101% full. This time last year, the storage was also 100% full.

### Climate outlook

The Bureau of Meteorology's seasonal outlook for November 2022 to January 2023 indicates above median rainfall for the Paterson catchment. Additionally, minimum temperatures are likely to be about median or cooler and maximum temperature are likely to be cooler than median for the catchment.

Further details at: [www.bom.gov.au/climate/outlooks/#/overview/summary](http://www.bom.gov.au/climate/outlooks/#/overview/summary)

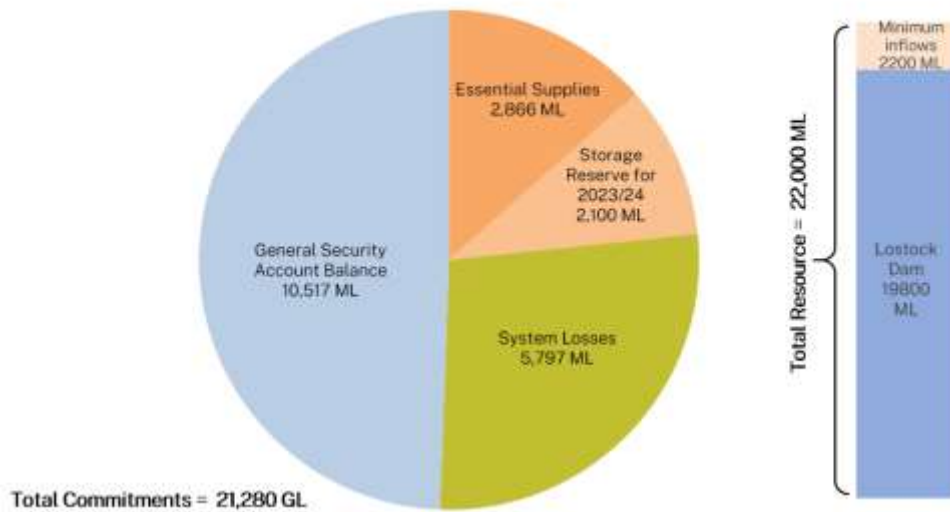
## Resource assessment data sheet

Resource Distribution – October 2022	(ML)	(ML)
Lostock Dam active storage volume (as at 1/10/2022) <sup>1</sup>		19,800
Minimum storage inflows (01/11/22 to 30/06/23) <sup>2</sup>		2,200
<i>less</i>		
Basic Land Holder Rights	411	
Domestic and Stock	41	
Local Water Utility <sup>3</sup>	69	
Minimum storage releases	200	
High Security (HS) account balance <sup>3</sup>	145	
Environmental Water Allowance (EWA)	2,000	
Losses (evaporation, transmission, operation) <sup>4</sup>	5,797	
Essential supplies reserve for 2023/24 <sup>5</sup>	2,100	
General Security (GS) account balance <sup>3</sup>	10,517	
<i>equals</i>		
Surplus (or deficit) <sup>6</sup>		720

### Notes:

- (1) This is the active storage volume in Lostock as of 1 October 2022, capped at active full supply volume of 19,800 ML. Higher volumes of storage surcharge and spill are not counted as 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 inflows.
- (3) Estimated. Actual usage for 2022/23 may be lower if wet conditions continue.
- (4) Storage evaporation loss, transmission loss and operation loss pro-rated for the remaining months of the water year and from 1 November 2022 to 30 June 2023. No storage evaporation loss, transmission loss and operation loss are assumed for October 2022 as the storage is spilling and unregulated flows are covering October losses.
- (5) Water required to be set aside in the storage as reserve to meet system losses of 10,346 ML plus essential requirements of 3,054 ML minus 11,300 ML of minimum storage inflows for the 2023/24 water year. That is,  $10,346 + 3,054 - 11,300 = 2,100$  ML needs to be reserved for the 2023/24 water year essential requirements and system losses. For the 2024/25 water year, no reserve is currently required as the future minimum inflows are expected to cover the system losses and essential requirements.
- (6) Surplus (or deficit) of water available after accounting for all commitments. The surplus of 720 GL signifies the additional resources available. As all accounts are allocated in full, this volume remains unallocated, improving the allocation reliability for the next water year.

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



The history of allocations in 2022/23 is shown in the table below.

**Table 1. Water allocations for the Paterson Regulated River Water Source in 2022/2023**

Date	License Category	Increment	Total 2022/23
1-Jul	Domestic & Stock	100%	100%*
1-Jul	Local Water Utility	100%	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*
1-Jul	General Security	1.00 ML/unit share	1.00 ML/unit share*
1-Jul	Supplementary	1.00 ML/unit share	1.00 ML/unit share*

\* Maximum allowable

### Further information

The next water allocation statement for the Paterson River will be available in January 2022.

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](http://www.industry.nsw.gov.au/water)

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