

21 April 2023

Paterson Regulated River Water Source

Water allocation update

Allocations for the current 2022/23 water year **remain unchanged** because all entitlements, including general security, received their maximum allocation for the year on 1 July 2022.

This quarterly statement provides information on the current water sharing and regulated resource conditions as well as an outlook for opening allocations on 1 July 2023 for the 2023/24 water year.

As of 20 April, Lostock Dam was full, holding 20,245 megalitre (ML) of water. This time last year, the storage was also full.

General security usage to 1 April 2023 has been minimal (about 7% of entitlement) due to generally wet conditions this water-year. The current resource assessment results in a surplus of 4,372 megalitres (ML) but with all licences already fully allocated it means this water remains unassigned and will contribute to future allocations and system reliability.

Current allocation and average account balance

2022/23	General Security	Average Account Balance
Paterson Regulated River water source	100%*	approx. 102%^

* Maximum allowable.

^ Current average account balance (includes carryover).

Resource outlook for 2023/24

This outlook for the likely 1 July 2023 water availability is based on several assumptions therefore water users should use this forecast information with caution.

- Water for all critical consumptive and non-consumptive needs are expected to be secure for the 2023/24 water year.
- Higher priority water access licence holders including **domestic and stock, town water supply and high security** can expect to receive a maximum (100%) allocation on 1 July.
- The allocation for **general security** entitlement holders will depend on factors including inflows and usage for the remainder of this water year. However, indications suggest a high opening **general security** allocation is likely, potentially up to 100% of entitlement.
- Full allocation (100% of entitlement) can be expected for supplementary access entitlements, however; access to this water is subject to periods of declared supplementary flow events.

Resource assessment data sheet

Resource Distribution – April 2023	(ML)	(ML)
Lostock Dam active storage volume (as at 1/04/2023) ¹		19,800
Minimum storage inflows (May 2023 to June 2023) ²		700
<i>less</i>		
Basic Land Holder Rights	137	
Domestic and Stock	32	
Local Water Utility ³	52	
Minimum storage releases	182	
High Security (HS) account balance ³	93	
Environmental Water Allowance (EWA)	2,000	
Losses (evaporation, transmission, operation) ⁴	1,724	
Essential supplies reserve for 2023/24 ⁵	2,100	
General Security (GS) account balance ³	9,808	
<i>equals</i>		
Surplus (or deficit) ⁶		4,372

Notes:

- (1) This is the active storage volume in Lostock as of 1 April 2023, 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 May 2023 to 30 June 2023 as the storage is currently full and unable to capture April 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 May 2023 to 30 June 2023. Storage evaporation loss, transmission loss and operation loss are assumed from May 2023 as the storage is spilling and unregulated flows are covering April 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 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 April 2023 to 30 June 2023

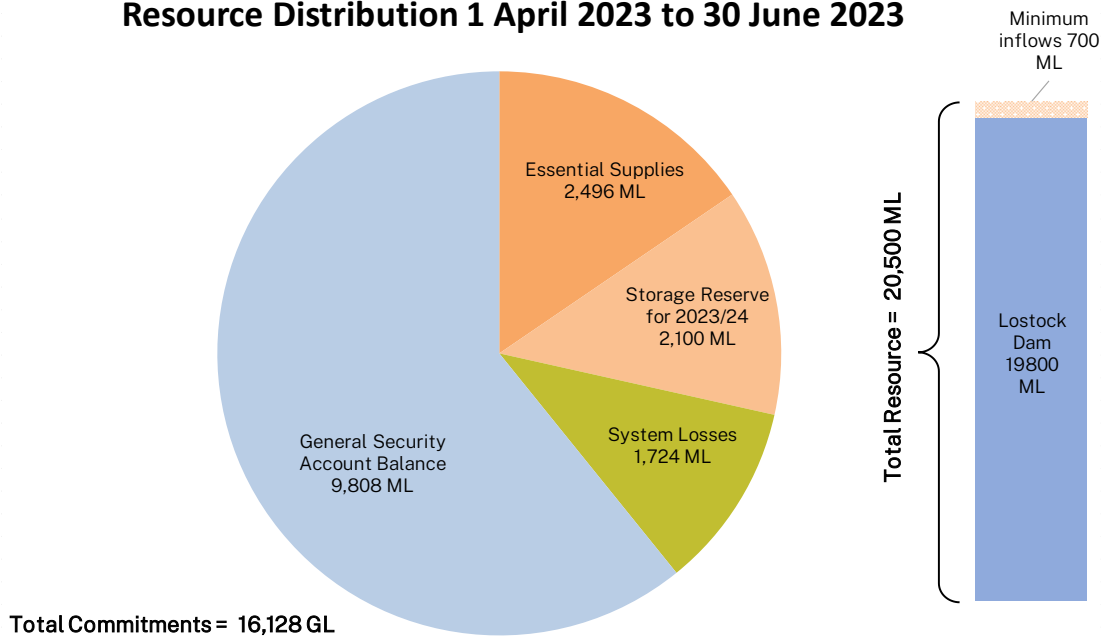


Table 1. Water Allocations for the Paterson Regulated River Water Source in 2022/23

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 regulated river water source will be included in the state-wide opening water allocation statements on 1 July 2023.

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

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