

29 August 2024

Hunter Regulated River Water Source

Water allocation update

Supplementary access licence holders in the Hunter regulated river water source have received an allocation increase of 18% of entitlement for the 2024/25 water year. The increase comes from growth in the high flow tally in July 2024 which links to increments in supplementary access allocations. The high flow tally has now risen to 45 gigalitre (GL) this water-year. This increment brings the total to 118% of entitlement for supplementary water users for this water year.

All other licence categories received their maximum opening allocation of 100% on 1 July 2024. This included 20 GL allocation to environmental water allowance (EWA).

Current allocation

29 August 2024	Allocation Increment	Average Account Balance
General Security	n/a*	124%
Supplementary	18%	118%

*Reached maximum allowable allocation in July 2024, 100%

Storage levels (as of 28 August 2024)

- Glenbawn Dam is about 94% full – holding about 704 GL.
- Glennies Creek Dam is about 96% full – holding about 271 GL.

Summary of the last water year (2023/24)

All higher priority licences, including towns, domestic, stock, and high security licence holders received their maximum allocation at the start of 2023/24 water year. Like this year, last water year commenced with 100% allocation to general security users. Supplementary access allocation increased to the maximum 200% by 17 May 2024.

Climate and streamflow outlooks

The Bureau of Meteorology's seasonal outlook for September to November 2024 indicates that rainfall has a chance of above median rainfall across the catchment while day and overnight temperatures are likely to be above median over the next three months for the catchment. For further details: [Climate outlooks](#)

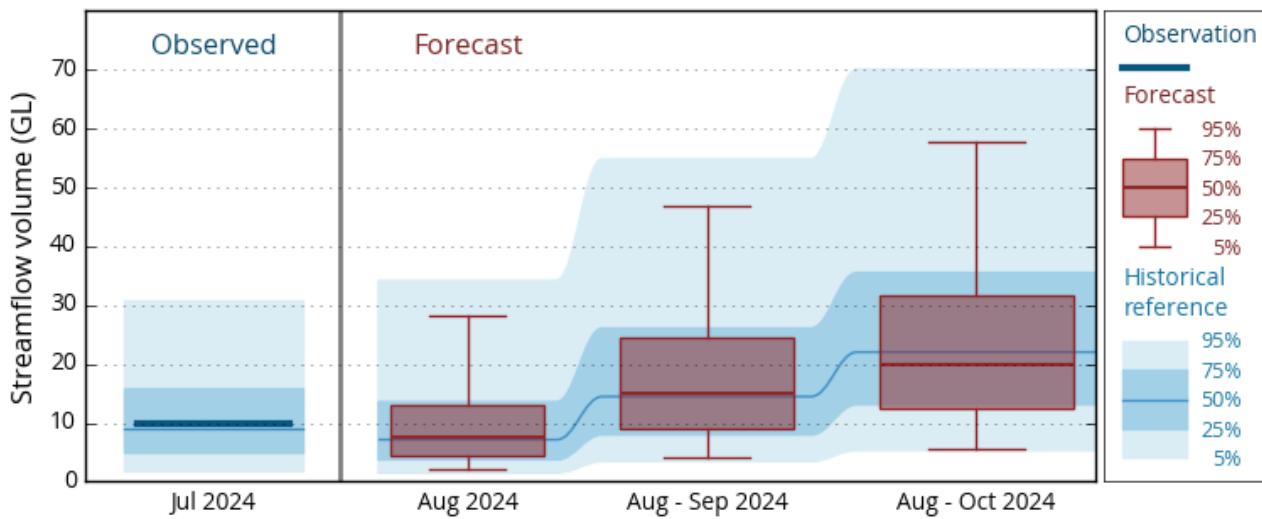
The Bureau issues seasonal flow forecasts for the Hunter River at Moonam Dam Site (see the figure below), which is upstream of Glenbawn Dam. This provides an indication of potential storage inflow. Most of the forecast quantiles of total flow volumes from August to October 2024 is lower than the historical flows, indicating likely lower inflow than historically over this period. The graph from August to October 2024 is shown below and

updates can be found at: [Seasonal Streamflow Forecasts: Water Information: Bureau of Meteorology \(bom.gov.au\)](https://www.bom.gov.au/water/forecasting/streamflow/seasonal/)

Hunter River at Moonam Dam Site (ID: 210018)

Forecast for Aug 2024 – Oct 2024

Forecast Skill:



Generated: 20:33 06/08/2024 (ver. 2.9.0)

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Resource assessment data sheet

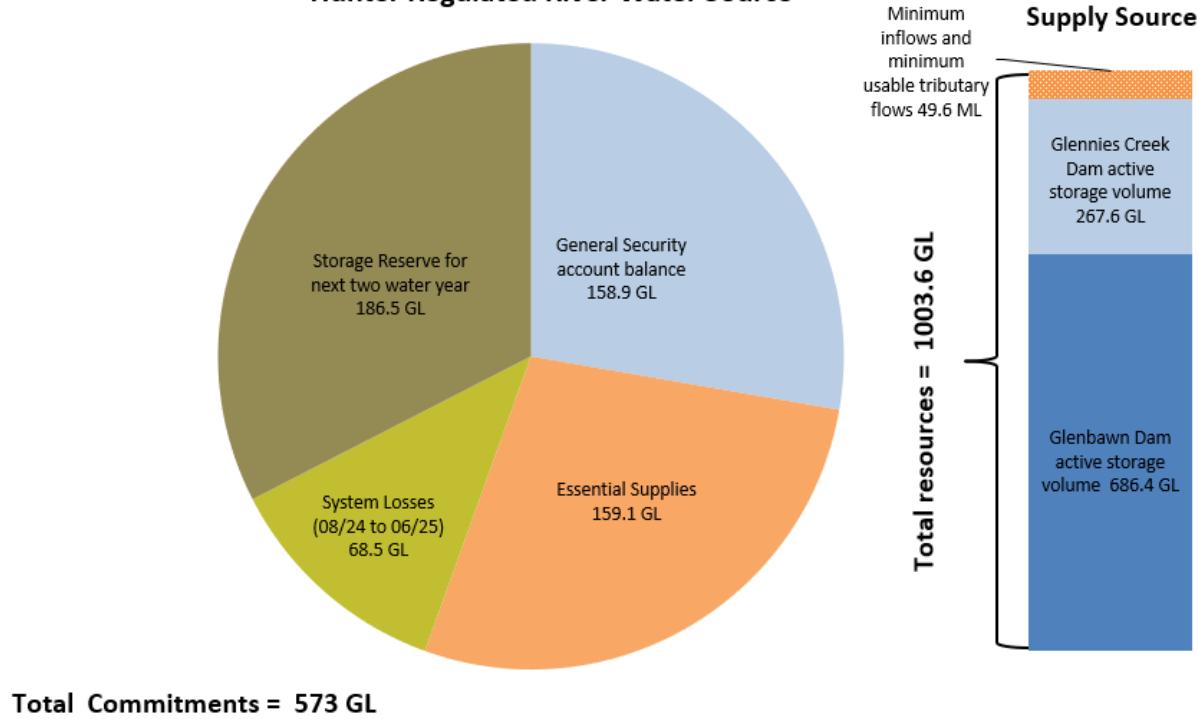
Resource Distribution (August 2024 to June 2027)	Volume (GL)
Current and Future Resources ⁽¹⁾	1003.6
<i>less</i>	
Environmental Water Allowance	20.0
Basic Land Holder Rights	5.1
Domestic and Stock	1.8
Local Water Utility	10.4
Major Utility	68.4
High Security	21.4
General Security Balance ⁽²⁾	158.9
Minimum Flow Target at Greta	32.0
Evaporation, Transmission, Operation Losses (8/24 to 6/25)	68.5
Storage Reserve for 2025/26 and 2026/27 ⁽³⁾	186.5
<i>equals</i>	
Surplus (or deficit) ⁽⁴⁾	430.6

Notes:

- (1) Active storage volume in Glenbawn dam plus Glennies Creek dam as of 1 August 2024 (net of 2 GL of dead storage) plus minimum historical dam inflows (24.5 GL) and usable tributary flows (25.1 GL) budgeted from August 2024 to June 2025.
- (2) The water remaining in General Security accounts yet to be ordered and delivered. It is calculated by subtracting the usage (inclusive of Uncontrolled Flow takes) from the water already allocated to GS.
- (3) Water required to be set aside in reserve to meet essential supply requirements and system losses in 2025/26 and 2026/27. This is net of minimum reservoir inflow budgeted for next two years. The essential requirements include two opening allocations of 75% to high security, 100% to all other higher priority licences and EWA.
- (4) Surplus (or deficit) of water available after accounting for all commitments. The surplus signifies the additional resources available. As all relevant accounts are allocated to its maximum limit, this volume remains unallocated, improving the allocation reliability for the next water year.

Resource Distribution as at 1 August 2024

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Water Allocations in 2024/25

Table 1 : Water allocation history for 2024/25 (in % or ML/unit share)

Date	License Category	Increment	Total 2024/25
1-Jul	Domestic and Stock	100%*	100%*
1-Jul	Local Water Utility	100%*	100%*
1-Jul	Major Utility	100%*	100%*
1-Jul	High Security	1.00 ML/unit share*	1.00 ML/unit share*
1-Jul	Supplementary	1.00 ML/unit share	1.00 ML/unit share
1-Jul	General Security	1.00 ML/unit share*	1.00 ML/unit share*
28-Aug	Supplementary	0.18 ML/unit share	1.18 ML/unit share

* Maximum allowable.

Water Allocation Guide

The NSW Department of Climate Change, Energy, the Environment and Water produced a series of guides to describe the water allocation methods for most NSW regulated river systems. The guide for this water source is available at the following link: [Resource assessment process | Water \(nsw.gov.au\)](https://www.nsw.gov.au/water/resource-assessment-process).

Further information

The next water allocation statement for this water source will be available in **November 2024** or earlier if conditions change significantly.

Information on available water determinations and water sharing plans is available on the department's website: [NSW Government Water](#)

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