

12 September 2024

# Hunter Regulated River Water Source

## Water allocation update

Water allocation to **supplementary access licence holders** in this water source has **increased by 82%** to the maximum 200% of entitlement for the 2024/25 water year. The increase comes from growth in the high flow tally in August 2024 which links to increments in supplementary access allocations. The high flow tally has now risen to 100 gigalitre (GL) this water-year.

This resource assessment is based on information to 31 August 2024.

### Current allocation

12 September 2024	Allocation Increment	Average Account Balance
General Security	n/a*	124%
Supplementary	82%*	170%

\*Reached maximum allowable allocation

### Storage levels (as of 10 September 2024)

- Glenbawn Dam is about 94% full – holding about 706 GL.
- Glennis Creek Dam is about 96% full – holding about 271 GL.

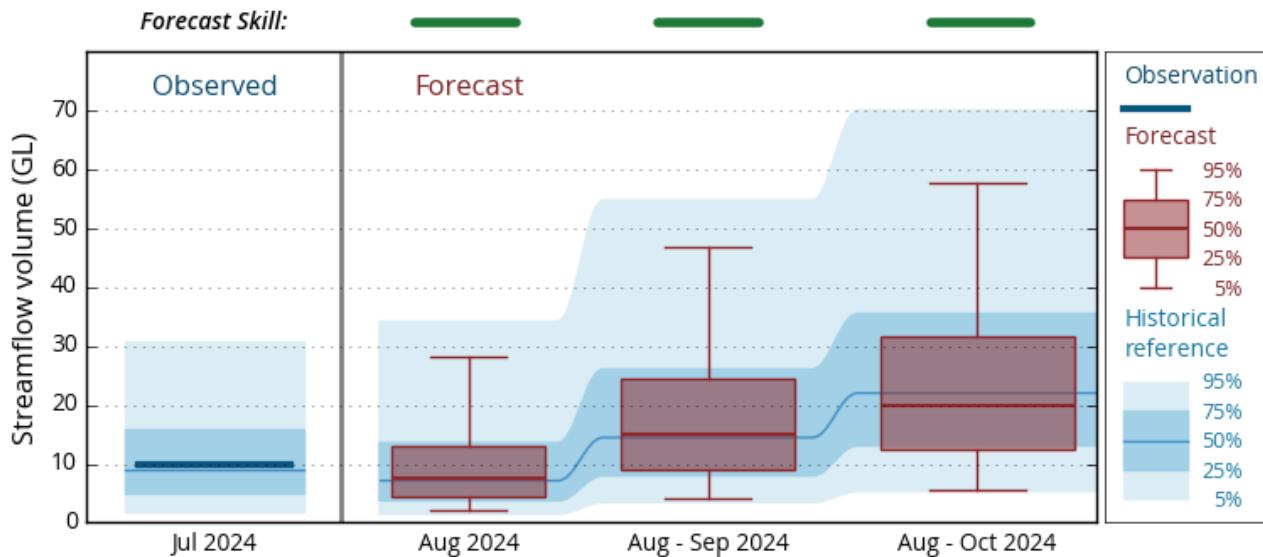
### Climate and streamflow outlooks

The Bureau of Meteorology's seasonal outlook for October to December 2024 indicates that rainfall is likely to be above median across the catchment, while daytime and overnight temperatures are likely to be warmer than average over this period. 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 are indicating lower than the historical flows, suggesting the possibility of drier inflows than historical inflows 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 \(bom.gov.au\)](#)

## Hunter River at Moonam Dam Site (ID: 210018)

Forecast for Aug 2024 – Oct 2024



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## Resource assessment data sheet

Resource Distribution (September 2024 to June 2027)	Volume (GL)
Current and Future Resources <sup>(1)</sup>	1014.0
<i>less</i>	
Environmental Water Allowance	20.0
Basic Land Holder Rights	4.6
Domestic and Stock	1.8
Local Water Utility	10.0
Major Utility	68.4
High Security	21.2
General Security Balance <sup>(2)</sup>	158.8
Minimum Flow Target at Greta	29.1
Evaporation, Transmission, Operation Losses (9/24 to 6/25)	63.2
Storage Reserve for 2025/26 and 2026/27 <sup>(3)</sup>	186.5
<i>equals</i>	
Surplus (or deficit) <sup>(4)</sup>	450.3

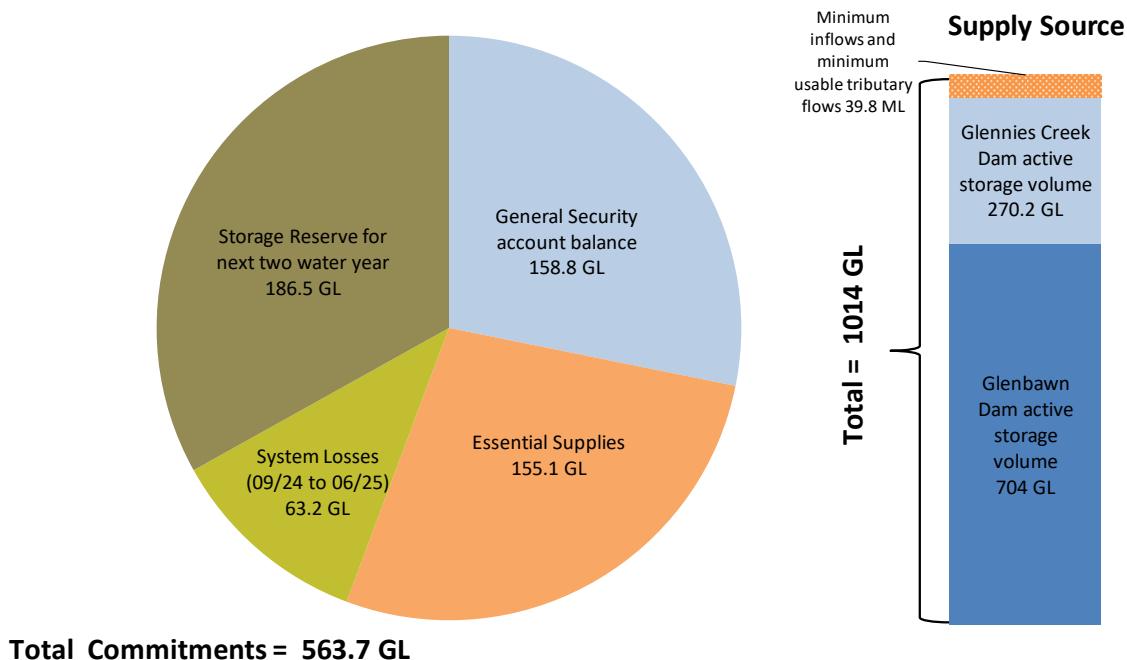
\*Please note that rounding of data may lead to minor discrepancies, resulting in variations of 1-2 gigalitres (GL)

**Notes:**

- (1) Storage volume in Glenbawn dam plus Glennies Creek dam as of 31 August 2024 net of 2 GL of dead storage; plus minimum historical dam inflows (19.4 GL) and usable tributary flows (20.4 GL) budgeted from September 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) The surplus signifies resources available after accounting for all commitments. 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 31 August 2024

#### Hunter Regulated River Water Source



### 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%*

Date	License Category	Increment	Total 2024/25
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
12-Sep	Supplementary	0.82 ML/unit share	2.00 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 \(nsw.gov.au\)](#)

## Further information

All entitlements at these water sources have reached their maximum annual allocation. Routine publication of water allocation statement will cease. There may be intermittent publications during the water year to update resource status.

Information on available water determinations and water sharing plans is available on the department's website: [Water \(nsw.gov.au\)](#)

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