

29 January 2025

NSW Border Rivers Regulated River Water Source

Water allocation update

General Security (A class) access licences in the NSW Border Rivers Regulated River Water Source have received an allocation increment of 53% of their entitlement. The increment brings the cumulative General Security (A class) reaching its maximum 100% allocation for this water year. The improved resources have come from significant inflows since the last assessment.

Allocation to General Security (B Class) licences can commence after allocation to General Security (A Class) licences reach 100%. However, there was not sufficient surplus left after allocating to A Class to commence B Class allocation this time.

The resource assessment reserves 4 GL for stimulus flow account at the start of water year. The stimulus flow may only be used in a year which Pindari inflows exceed 1,200 ML/day, on any day, between April to August. The release may occur within August to November. Note that the exceedance was not observed in 2024. No stimulus release was made in 2024.

This allocation is based on additional NSW bulk resources received from Dumaresq-Barwon Border Rivers Commission after publication of our last statement on 13 January 2025.

Current allocation

29 January 2025	Allocation Increment	Average Account Balance
General Security (A Class)	53%	72%
General Security (B Class)	-	38%

Storage volume (as of 29 January 2025)

- Pindari Dam is about 39% full holding about 123 GL.
- Glenlyon Dam is about 58% full holding about 146 GL.

Climate and streamflow outlooks

The Bureau of Meteorology's monthly outlook February 2025 indicates rainfall in the Border Rivers region is likely to be around median across the catchment, while day and overnight temperatures

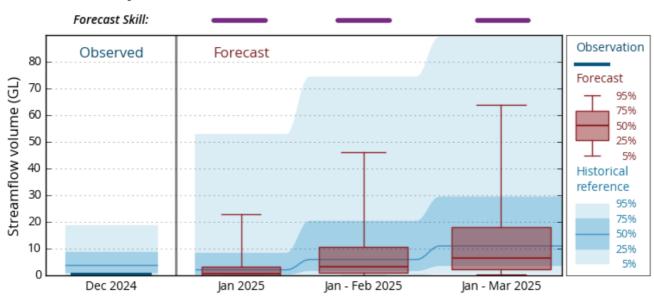


are likely to be above median over the next three months for the catchment. For further details: Overview — Summary - Climate Outlooks (bom.gov.au)

The Bureau of Meteorology issues a seasonal flow forecast for the Severn River at Fladbury, upstream of Pindari Dam (see the figure below). This may provide an indication of potential inflows into dam in the coming month. All the forecast quantiles of total flow volumes are lower than the historical flows indicating a dryer quarter from January to March 2025. The graph for January to March 2025 is shown below, and Updates can be found at: <u>Seasonal Streamflow Forecasts: Water Information:</u> Bureau of Meteorology (bom.gov.au)

Severn River at Fladbury (ID: 416022)

Forecast for Jan 2025 - Mar 2025



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Resource assessment data sheet

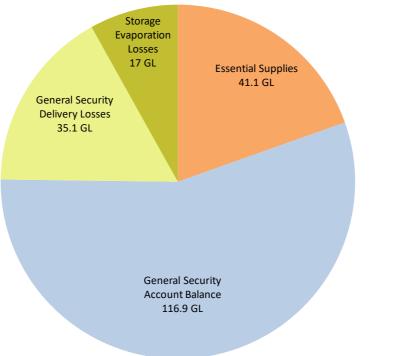
Resource distribution (as of 1 January 2025)		Volume (GL)	
Total available resource (NSW) (1)		211.1	
less			
Essential Supplies (2)	41.1		
General Security Account Balance (3)	116.9		
General Security Delivery Loss (4)	35.1		
Storage Evaporation Losses (5)	17.0		
equals			
Surplus (or Deficit) (6)		1.0	

Notes:



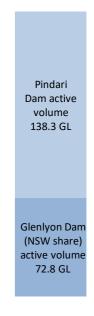
- (1) This includes Pindari Dam and the NSW share of Glenlyon Dam, as of 1 January 2025. In accordance with the New South Wales Queensland Border Rivers Intergovernmental Agreement 2008, NSW has access to 57% of net inflows into Glenlyon Dam.
- (2) Water required to be set aside under water sharing plans to provide for domestic, stock, towns, high security, replenishment, stimulus release (4GL), delivery loss and operational requirements. This commitment is assisted by the minimum forecast inflows to storage. The full reserve is 41.1 GL. If depleted, this reserve is replenished first prior to allocation increment.
- (3) The general security account balance includes 2.81 GL of held environmental water (HEW) administered by environmental water holder/s. These environmental entitlements are held and/or managed either singly or jointly by various environmental water holder groups including the NSW Department of Climate Change, Energy, the Environment and Water– Biodiversity, Conservation and Science Group and the Commonwealth Environmental Water Holder (CEWH).
- (4) A reserve reflecting budgeted loss to deliver general security water. Traditionally, a 30% delivery loss has been budgeted for this river system. The loss reserve is continually assessed, and if depleted it is topped-up as a priority from resource improvements, to ensure that allocated water can be delivered.
- (5) Storage evaporation loss is based on forecast storage depletion over the next 24 months.
- (6) Surplus (or deficit) of water available after accounting for all commitments. There is a small surplus which will be rolled over to next month's assessment.

Resource Distribution as at 1 January 2025 NSW Border Rivers Water Source



Total commitments = 210.1 GL

Supply Sources



Total = 211.1 GL (NSW share only)



Water allocation in 2024/25

Date	License Category	Increment	Total 2024/25	Account Balance
1-Jul	Domestic and Stock	100%*	100%*	100%*
1-Jul	Local Water Utility	100%*	100%*	100%*
1-Jul	High Security	1.00 ML/unit share*	1.00 ML/unit share*	100%*
1-Jul	Supplementary	1.00 ML/unit share*	1.00 ML/unit share*	100%*
1-Jul	General Security (A class)	0.10 ML/unit share	0.10 ML/unit share	17%
1-Jul	General Security (B class)	0.00 ML/unit share	0.00 ML/unit share	54%
28-Oct	General Security (A class)	0.08 ML/unit share	0.18 ML/unit share	23%
13-Jan	General Security (A class)	0.29 ML/unit share	0.47 ML/unit share	50%
29-Jan	General Security (A class)	0.53 ML/unit share	1.00 ML/unit share*	72%

^{*} Maximum allowable as per the water sharing plan.

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 link below.

For further details: Resource assessment process | Water (nsw.gov.au)

Further information

Allocations to general security accounts are assessed and announced soon after the receipt of bulk resource distribution from Dumaresq-Barwon Border Rivers Commission.

Information on available water determinations and water sharing plans is available on the department's website: <u>NSW Government Water</u>

Subscribe <u>here</u> to receive the Department of Climate Change, Energy, the Environment and Water's monthly email update on water planning, management and reform in New South Wales.

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