

9 January 2025

Namoi Regulated River Water Sources

Water allocation update

There is no increase to allocation for General security (GS) licenses in the Namoi regulated river water sources at this time. The total Lower Namoi general security account balance is now about 317.8 gigalitres (GL), or 129% of entitlement.

This resource assessment is based on information to 31 December 2024. Any changes in resources from this date forward will be captured in the next resource assessment.

Current allocation

9 January 2025	Allocation increment	Average Account Balance
Upper Namoi Regulated River	-	100%*
Lower Namoi Regulated River	0%	129%

* Reached maximum (100%) on 1 July 2024, and account balance excludes adjustments for temporary trade.

Storage volume (as of 8 January 2025)

- Split Rock Dam is 80% full - holding around 319 GL.
- Keepit Dam is 56% full - holding around 240 GL.

Key information

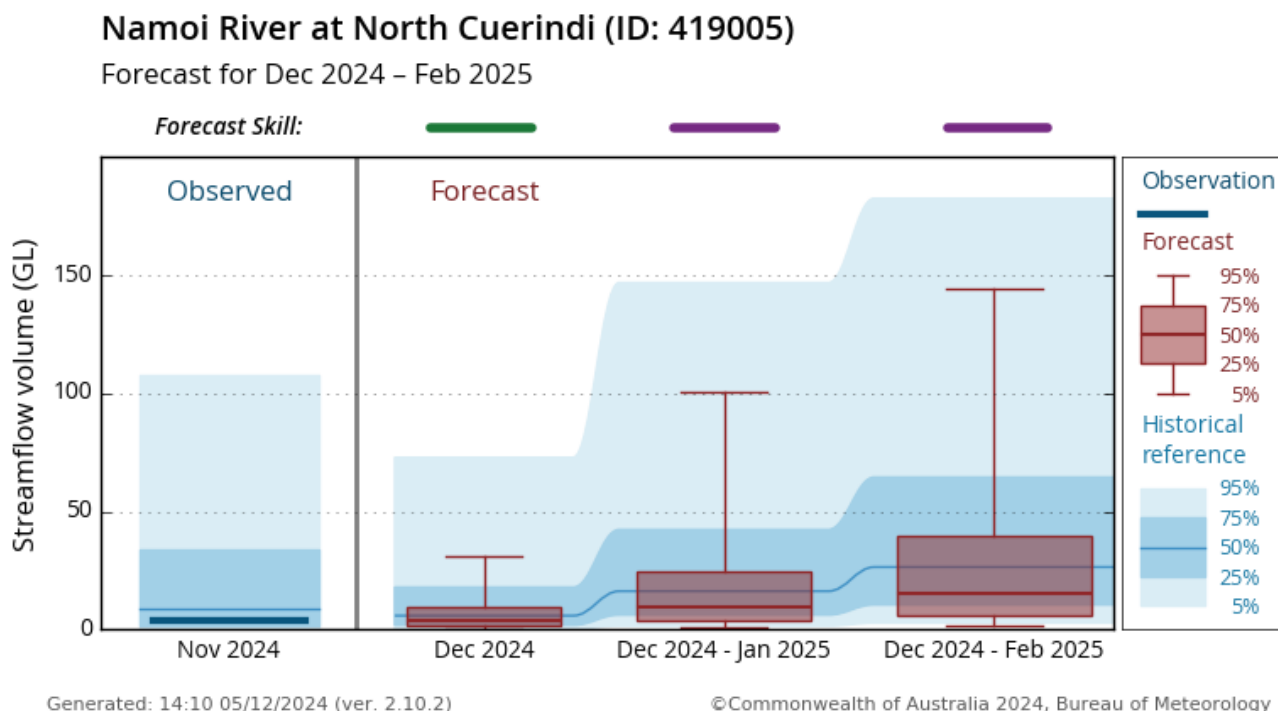
- In December, Keepit Dam and Split Rock Dam inflows were about 2.3 GL and 0.6 GL, respectively.
- The Bulk Water Transfer (BWT) from Split Rock Dam to Keepit Dam will continue into January 2025. Updated can be found at: [Water Insights](#).
- Based on the current assessment, essential supplies are secure for 24 months and beyond. This includes demands from Manilla and Barraba townships.

Climate and Streamflow Outlooks

The Bureau of Meteorology’s seasonal outlook for January 2025 indicates that rainfall in the Namoi valley is likely to be median. Over this period, maximum temperatures and minimum temperatures are likely to be above median in the catchment.

For further details, see: [Overview—Summary - Climate Outlooks](#)

The Bureau of Meteorology issues a seasonal flow forecast for the unregulated Namoi River at North Cuerindi (see the figure below). This may indicate potential future inflows into Keepit Dam. All forecast quantiles are lower than the historical flows indicating a dryer quarter from December 2024 to February 2025. The graph for December 2024 to February 2025 is given below, and updates can be found at: [Seasonal Streamflow Forecasts: Water Information: Bureau of Meteorology \(bom.gov.au\)](#)



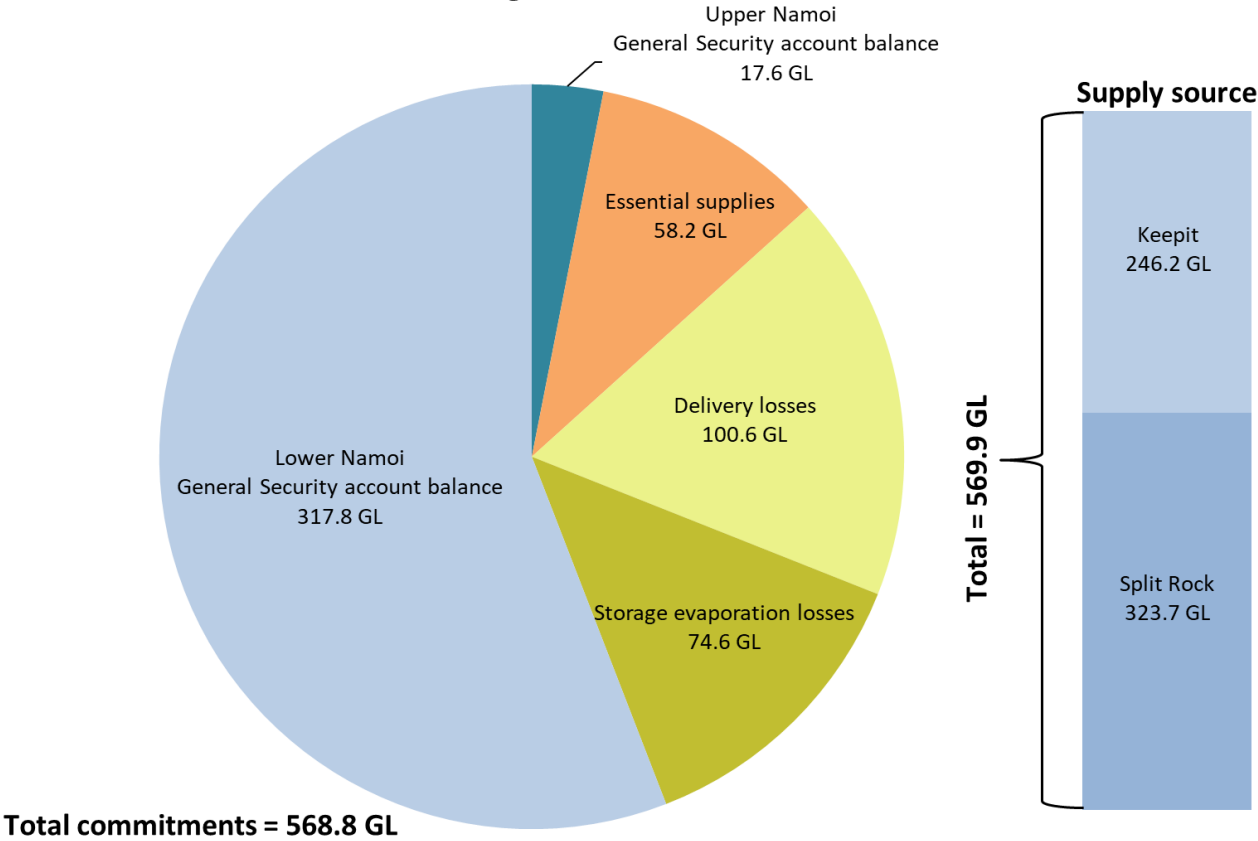
Resource Assessment Data Sheet

Resource distribution (as of 31 December 2024)	Volume (GL)
Keepit Dam and Split Rock Dam active volumes	569.9
<i>less</i>	
Storage Evaporation Loss ⁽¹⁾	74.6
Essential Supplies ⁽²⁾	58.2
Lower Namoi General Security account balance	317.8
Upper Namoi General Security account balance	17.6
Delivery Loss ⁽³⁾	100.6
<i>equals</i>	
Surplus (deficit) ⁽⁴⁾	1.1

Notes:

- (1) Evaporation loss is based on forecast storage depletion and the maximum historical evaporation rates over 24 months.
- (2) Water is required to be set aside under the water sharing plan to provide for domestic, stock, towns, high security and riverine environments. Includes Gunidgera/Pian stock and domestic replenishments, delivery loss allowance and end-of-system flow requirements. This commitment is offset by minimum forecast inflows into the storages.
- (3) Delivery loss budget reflects the water reserved 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 necessary, topped-up as a priority from resource improvements, to ensure that allocated water can be delivered in most circumstances.
- (4) 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 of 31 December 2024
Namoi Regulated River Water Sources



Namoi resource assessment

- Previous Assessment date: 30 November 2024
- Current Assessment date: 31 December 2024

Storage volume	Committed Volume (GL)	Remaining Balance (GL)
Split Rock plus Keepit		579.6
Dead storage	9.7	569.9
Storage evaporation loss	77.4	492.5
Essential Supplies		
Brought forward from last assessment	58.2	
Uses and associated loss since last assessment	-1.1	
Allocation assignment from High Security to General Security	0.0	
Transfer to General Security delivery loss	0.0	
Current balance	57.1	435.4

Upper Namoi/Manilla Rivers		
Brought forward from last assessment	18.6	
Ordered since last assessment	-0.9	
Allocation assignments from Upper Namoi to Lower Namoi	-0.2	
Allocation assignments from Lower Namoi to Upper Namoi	0.0	
Current balance	17.6	417.8
General Security (D/S Keepit)		
Brought forward from last assessment	345.3	
Orders since assessment period	-27.7	
Allocation assignments into Lower Namoi (from HS & Upper Namoi)	0.2	
Allocation assignments to Upper Namoi (from Lower Namoi g/s)	0.0	
Current balance	317.8	100.0
Delivery Loss		
Brought forward from last assessment	109.2	
Apparent losses since last assessment	-34.7	
Credit from Essential Supplies (for allocation assignments to GS)	0.0	
Current balance	74.5	25.5
Apparent Losses since last assessment	% of loss	GL
Total		35.3
Essential supply loss	2%	0.6
General Security loss	98%	34.7
Resource available for sharing		
Total		25.5

Resource assessment data sheet as of 31 December 2024

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	74.6	77.4	-2.8	74.6
Essential Supplies for next 24 months (58.2 GL max)	58.2	57.1	1.1	58.2
General Security Delivery Loss	100.6	74.5	26.2	100.6
Upper Namoi General Security (12.07 GL max)*		17.6	0.0	17.6
Lower Namoi General Security (491.2 GL max)*		317.8	0.0	317.8

Additional Resource for Sharing	25.5	-24.5	1.1
Total	569.9	0.0	569.9

*Temporary trade may exceed this limit.

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	0.0	GL
Available Water Determination	0.0	ML per unit share

Upper Namoi water allocation in 2024/25

Date	License Category	Increment	Total 2024/25
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/share*
1-Jul	General Security	1.00 ML/unit share*	1.00 ML/share*

* Maximum allowable.

Lower Namoi water allocation in 2024/25

Date	License Category	Increment	Total 2024/25	Account balance
1-Jul	Domestic & 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	0.42 ML/unit share	0.42 ML/unit share	42%
7-Aug	General Security	0.13 ML/unit share	0.13 ML/unit share	134%
6-Sep	General Security	0.14 ML/unit share	0.27 ML/unit share	146%
8-Oct	General Security	0.07 ML/unit share	0.34 ML/unit share	149%
7-Nov	General Security	0.05 ML/unit share	0.39 ML/unit share	147%
6-Dec	General Security	0.01 ML/unit share	0.40 ML/unit share	141%

* Maximum allowable.

Storage volume simulation

Storage outlook for the assessment horizon is provided below. It shows that with current commitments and an assumed repeat of historical minimum inflows and median inflows together

with forecast demands, the combined storage of Keepit and Split Rock Dams will reduce to a minimum by the end of February 2026 then begin to recover by April 2026.

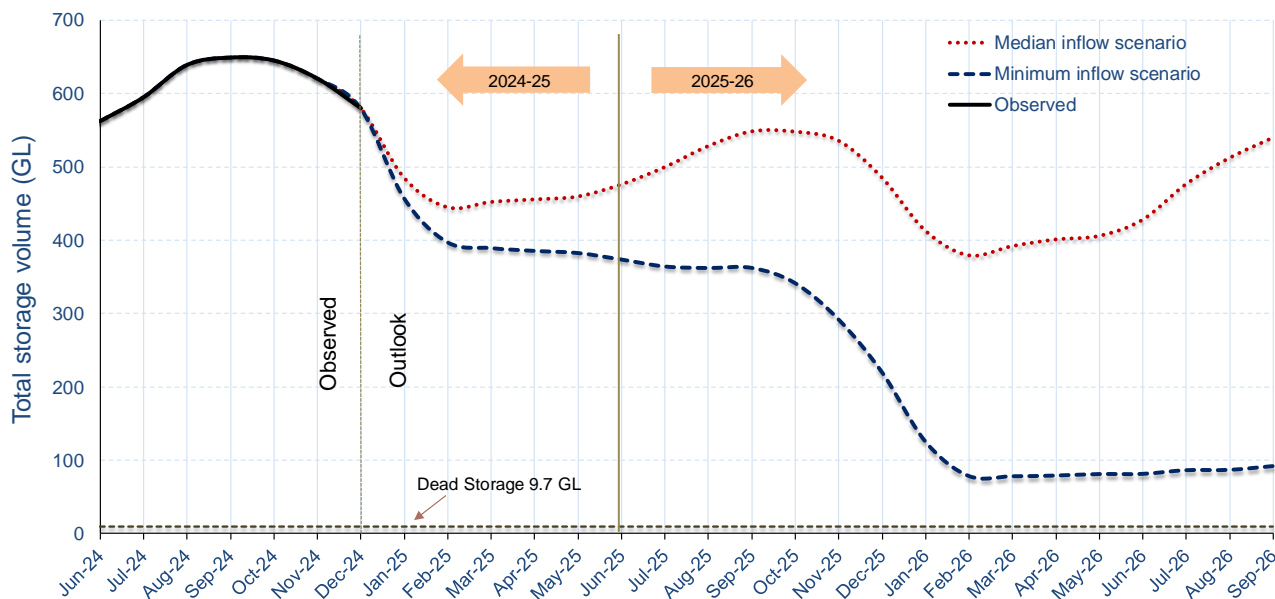


Figure 1: Combined Keepit and Split Rock storage volumes

Water Allocation Guide

The NSW Department of Climate Change, Energy, the Environment and Water published a series of guides to describe the water allocation methods for most NSW regulated river systems. The guide for these water sources is available at the link below.

For further details: [Resource assessment process | Water \(nsw.gov.au\)](#)

Further information

The next routine monthly water allocation statement for this water source will be available on Friday, 7 February 2025.

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

Subscribe [here](#) to receive Department of Climate Change, Energy, the Environment and Water's monthly email update on water planning, management and reform in New South Wales.

You can also follow the department on X: @NSWDCCEEW_Water

Feedback on this work or any aspect of the department's service can be provided using the widget on the right hand side at the water tile at: [Department of Climate Change, Energy, the Environment and Water | NSW Government](#)