

7 February 2025

# Namoi Regulated River Water Sources

## Water allocation update

General security (GS) licences in the Lower Namoi regulated river water source have received an allocation increase of 3% of entitlement. The increment takes the total Lower Namoi general security account balance to about 271 gigalitres (GL), or 110% of entitlement.

The allocation increment is possible due to good inflow conditions since the last assessment. This resource assessment is based on information to 31 January 2025. Any changes in resources from this date forward will be captured in the next resource assessment.

## Current allocation

7 February 2025	Allocation increment	Average Account Balance
Upper Namoi Regulated River	-	100%*
Lower Namoi Regulated River	3%	110%

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

## Storage volume (as of 7 February 2025)

- Split Rock Dam is 74% full - holding around 295 GL.
- Keepit Dam is 46% full - holding around 199 GL.

## Key information

- In January, Keepit Dam and Split Rock Dam inflows were about 11.9 GL and 0.8 GL, respectively.
- The Bulk Water Transfer (BWT) from Split Rock Dam to Keepit Dam will cease at the end of February 2025. Updates 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

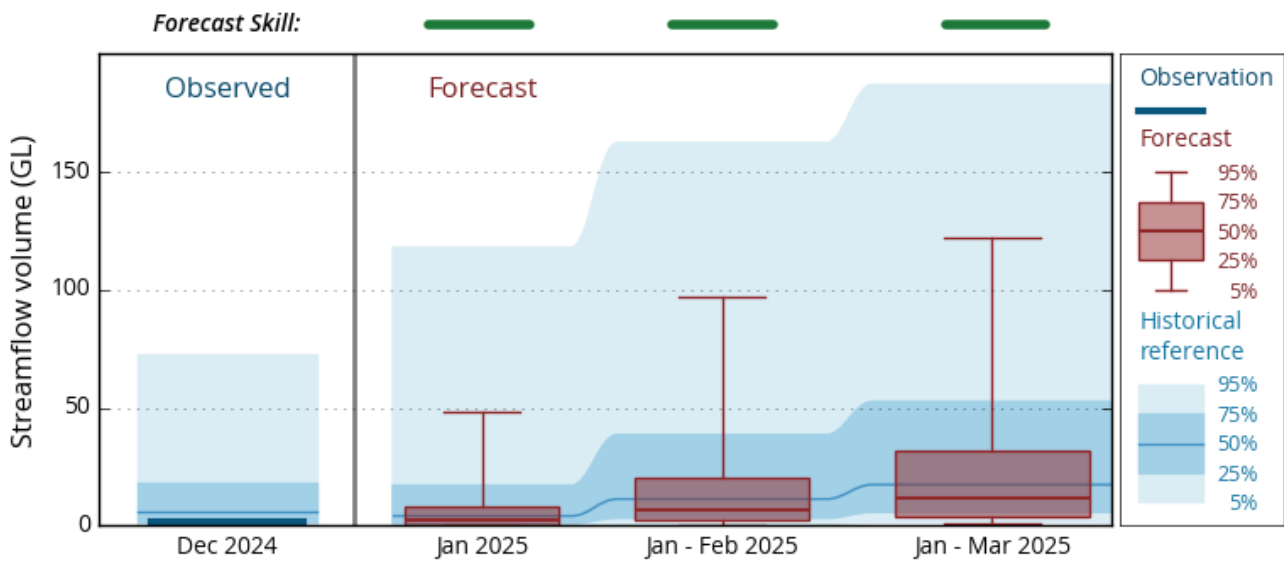
The Bureau of Meteorology's Monthly outlook for March 2025 indicates that rainfall in the Namoi valley is likely to be above median. Over this period, maximum temperatures and minimum temperatures are likely to be above median in the catchment.

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. Most of the forecast quantiles are lower than the historical flows indicating a dryer quarter from January 2025 to March 2025. The graph for January 2025 to March 2025 is given below, and updates can be found at: [Seasonal Streamflow Forecasts: Water Information: Bureau of Meteorology \(bom.gov.au\)](#)

### Namoi River at North Cuerindi (ID: 419005)

Forecast for Jan 2025 – Mar 2025



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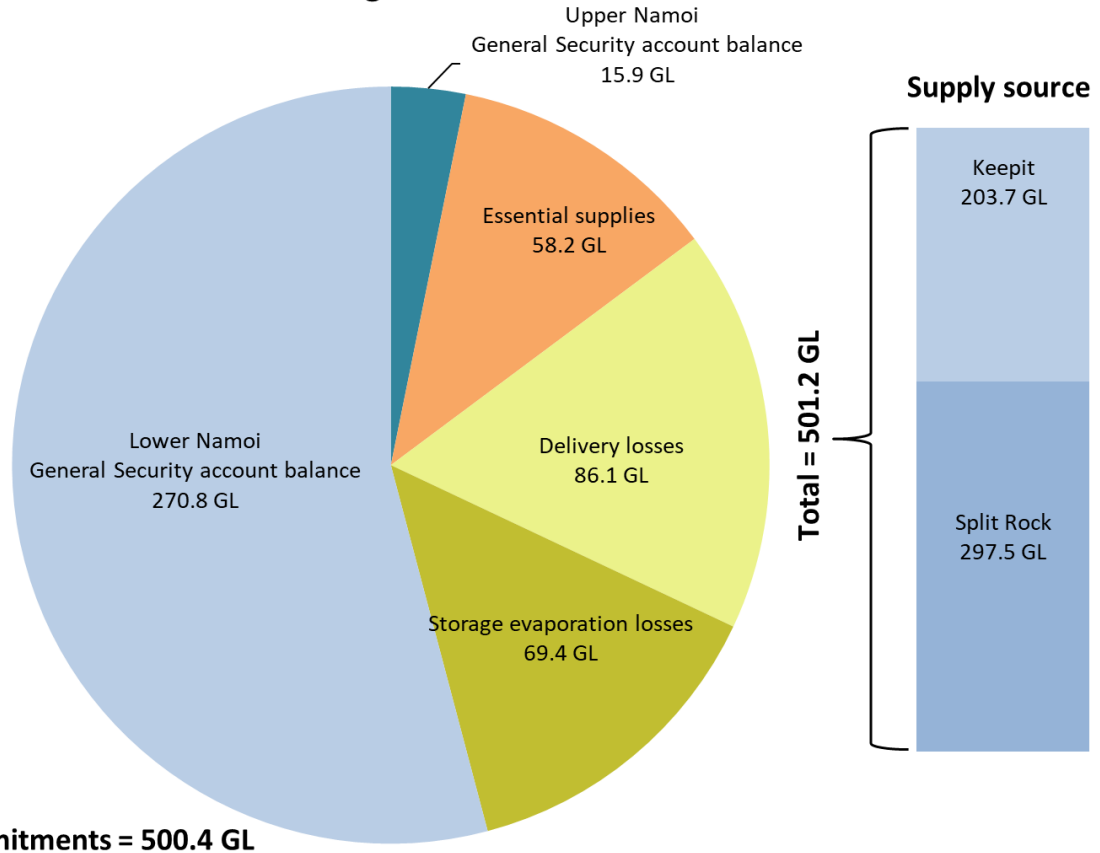
## Resource assessment data sheet

Resource distribution (as of 31 January 2025)	Volume (GL)
Keepit Dam and Split Rock Dam active volumes	501.2
<i>less</i>	
Storage Evaporation Loss <sup>(1)</sup>	69.4
Essential Supplies <sup>(2)</sup>	58.2
Lower Namoi General Security account balance	270.8
Upper Namoi General Security account balance	15.9
Delivery Loss <sup>(3)</sup>	86.1
<i>Equals</i>	
Surplus (deficit) <sup>(4)</sup>	0.8

### 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 January 2025 Namoi Regulated River Water Sources



### Namoi resource assessment

- Previous Assessment date: 31 December 2024
- Current Assessment date: 31 January 2025

Storage volume	Committed Volume (GL)	Remaining Balance (GL)
Split Rock plus Keepit		510.9
Dead storage	9.7	501.2
Storage evaporation loss	74.6	426.7
<b>Essential Supplies</b>		
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	369.6
<b>Upper Namoi/Manilla Rivers</b>		

Brought forward from last assessment	17.6	
Ordered since last assessment	-0.4	
Allocation assignments from Upper Namoi to Lower Namoi	-1.3	
Allocation assignments from Lower Namoi to Upper Namoi	0.1	
Current balance	15.9	353.6
<b>General Security (D/S Keepit)</b>		
Brought forward from last assessment	317.8	
Orders since assessment period	-55.5	
Allocation assignments into Lower Namoi (from HS & Upper Namoi)	1.3	
Allocation assignments to Upper Namoi (from Lower Namoi g/s)	-0.1	
Current balance	263.6	90.1
<b>Delivery Loss</b>		
Brought forward from last assessment	100.6	
Apparent losses since last assessment	-41.6	
Credit from Essential Supplies (for allocation assignments to GS)	0.0	
Current balance	59.1	31.0
<b>Apparent Losses since last assessment</b>	<b>% of loss</b>	<b>GL</b>
Total		42.0
Essential supply loss	1%	0.5
General Security loss	99%	41.6
<b>Resource available for sharing</b>		
Total		31.0

### Resource assessment data sheet as of 31 January 2025

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	69.4	74.6	-5.2	69.4
Essential Supplies for next 24 months (58.2 GL max)	58.2	57.1	1.1	58.2
General Security Delivery Loss	86.0	59.1	27.0	86.0
Upper Namoi General Security (12.07 GL max)*		15.9	0.0	15.9
Lower Namoi General Security (491.2 GL max)*		263.6	7.3	270.9
Additional Resource for Sharing		31.0	-30.2	0.8

Total	501.2	0.0	501.2
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\*Temporary trade may exceed this limit.

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	7.3	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%
7-Feb	General Security	0.03 ML/unit share	0.43 ML/unit share	110%

\* 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 December 2026 then begin to recover by January 2027.

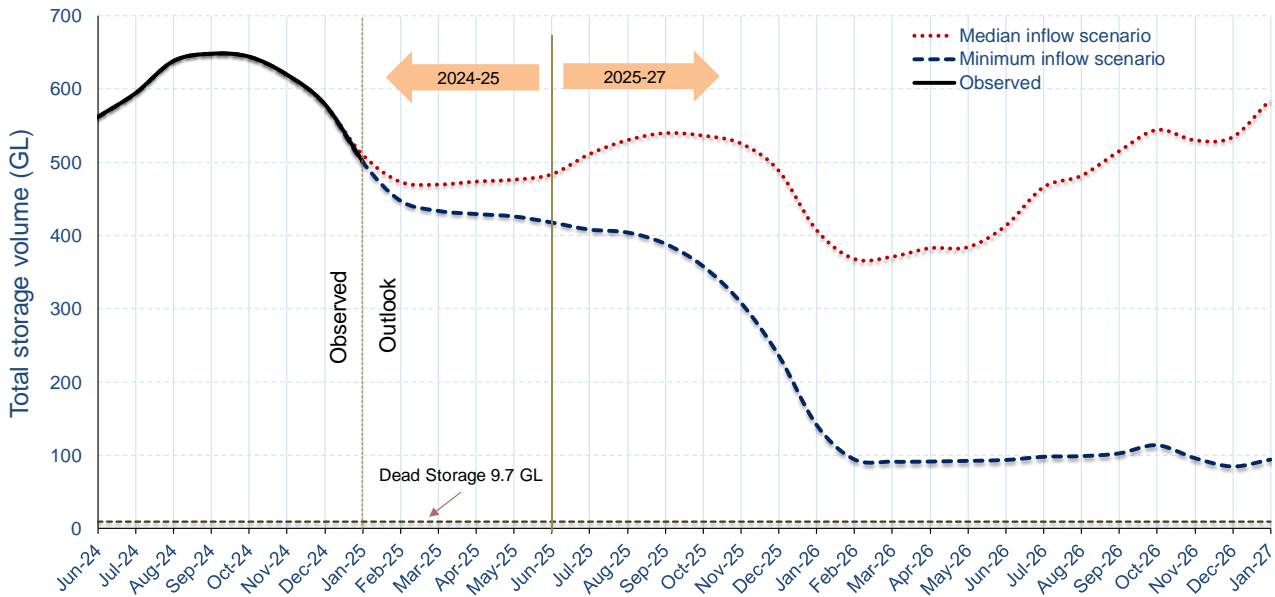


Figure 1: Combined Keepit and Split Rock storage volumes

## 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 March 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](#)