

7 July 2022

# Namoi Regulated River Water Sources

## Water allocation update

There is no increase in allocation for Lower Namoi general security entitlement holders this month. The Lower Namoi general security account balance is 429.3 gigalitres (GL). All other licence categories in the Upper and Lower Namoi regulated systems have received full allocations.

In June, the Namoi catchment experienced generally below average rainfall, receiving approximately 10 to 50 mm.

This resource assessment is based on information to 30 June 2022. Any changes in resources since that date will be captured in the August allocation statement.

## Current allocations

2022/23	General Security	Average Account Balance
Upper Namoi Regulated River	100%	100%*
Lower Namoi Regulated River	0%	175%

\*Maximum allowable

## Dam levels (as of 6 July 2022)

- Split Rock Dam is about 73% full – holding approximately 293 GL.
- Keepit Dam is 99% full – holding approximately 423 GL.

## Key information

- In June 2022, the Namoi catchment experienced below average rainfall, receiving between 10 to 50 mm of rain.
- The system is secure for delivery to essential supplies for 24 months and beyond.
- Critical requirements for Manilla and Barraba townships are secure for the next 24 months and beyond, based on assumed minimum future inflows to Split Rock Dam.

## Climate and streamflow outlooks

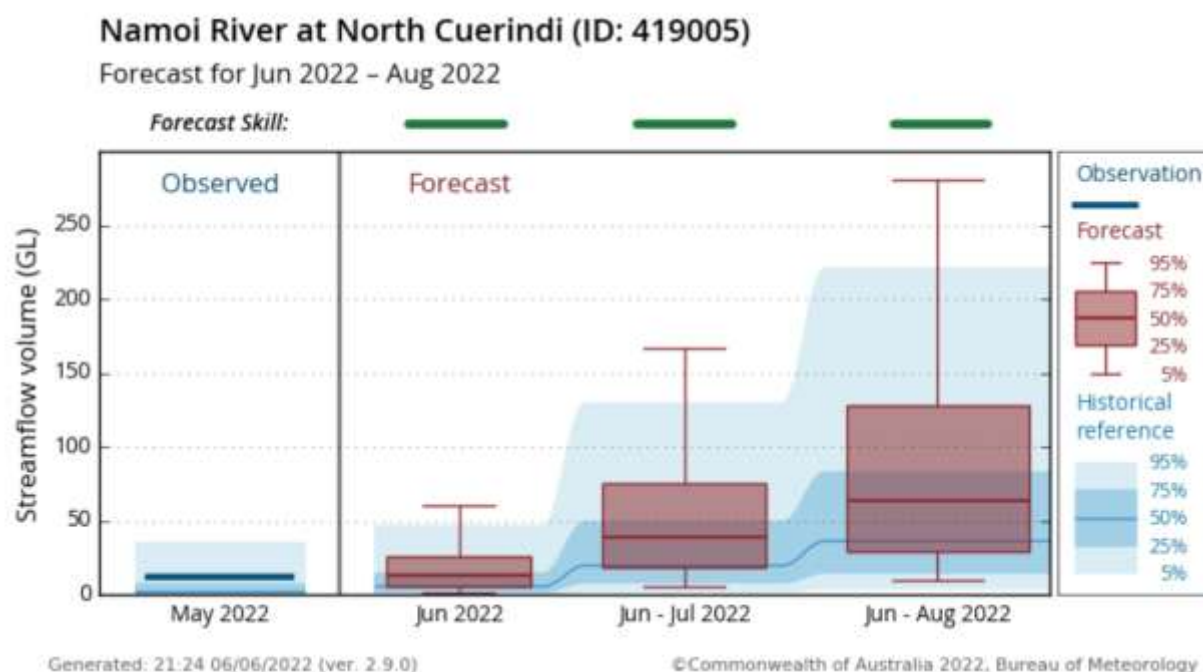
The Bureau of Meteorology's seasonal outlook for July to September indicates above median rainfall for the upper catchment. Additionally, daytime temperatures are likely to be below median and minimum temperatures are likely to be above median for the catchment.

Further details at: [www.bom.gov.au/climate/outlooks/#/overview/summary](http://www.bom.gov.au/climate/outlooks/#/overview/summary)

The Bureau of Meteorology issues a seasonal flow forecast for the unregulated Namoi River at North Cuerindi (see Figure 1). This may provide an indication of potential future inflows

into Keepit Dam. The forecast quantiles of total streamflow volume from June to August are higher than the historical quantile references, indicating likely higher flow than historical streamflow conditions for the next few months.

Further details at: [www.bom.gov.au/water/ssf/#id=419005](http://www.bom.gov.au/water/ssf/#id=419005)



## Resource assessment data sheet

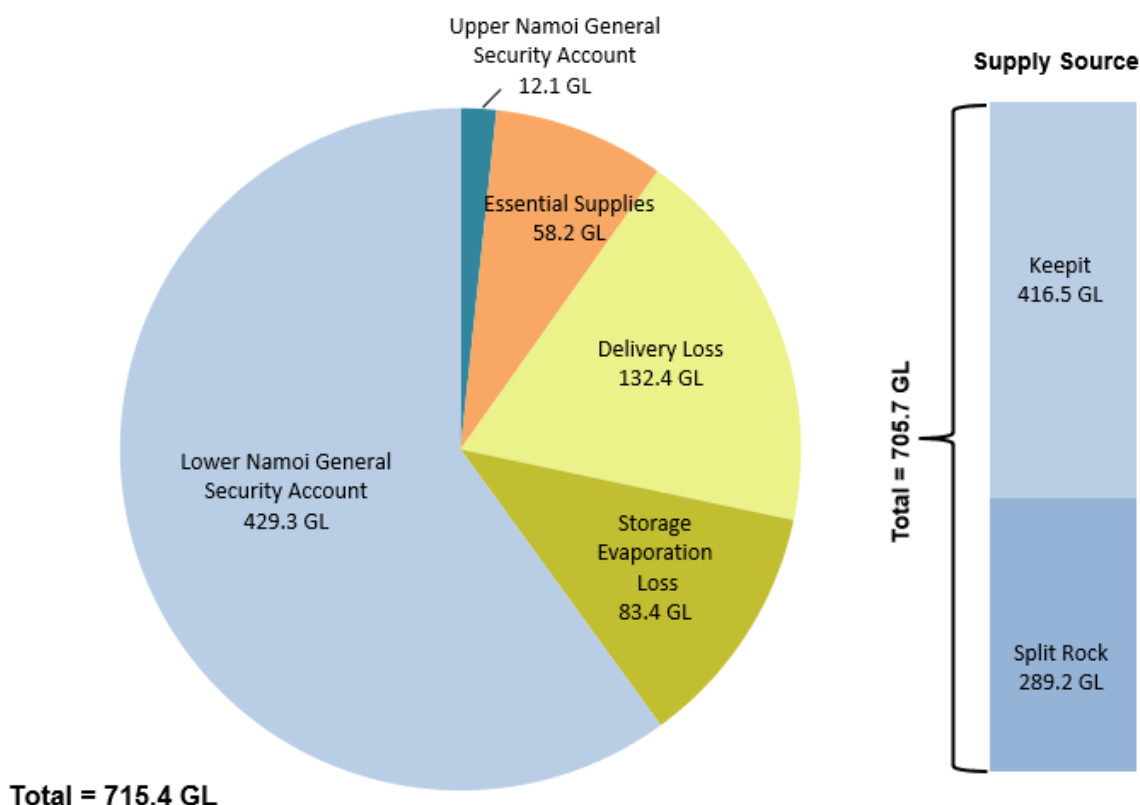
Resource distribution (as at 30 June 2022)	Volume (GL)
Keepit Dam and Split Rock Dam active volumes	705.7
<i>less</i>	
Storage Evaporation Loss <sup>(1)</sup>	83.4
Essential Supplies <sup>(2)</sup>	58.2
Lower Namoi General Security account balance	429.3
Upper Namoi General Security account balance	12.1
Delivery Loss <sup>(3)</sup>	132.4
<i>equals</i>	
Surplus (deficit) <sup>(4)</sup>	(9.7)

### Notes:

- (1) Storage Evaporation Loss: evaporation loss based on forecast storage behaviour and maximum historical evaporation rates over 2 years.
- (2) Essential Supplies: water required to be set aside under the water sharing plan to provide for stock & domestic, 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:** this account reflects the water needed to deliver general security water. Traditionally, a 30% delivery loss has been budgeted for this river system. The budget is continually assessed and topped up if necessary, as a priority from resource improvements, to ensure that allocated water can be delivered.
  - (4) All available water resources have been allocated, and there is a small resources deficit (9.7 GL), which is expected to be resolved from rainfall/inflows in coming weeks. The system is secure for delivery of all essential supplies for 24 months and beyond.

### Resource Distribution as at 30 June 2022 Namoi Regulated River Water Sources



### Resource assessment data sheet as at 30 June 2022

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	83.41	83.33	0.08	83.41
Essential Supplies for next 24 months (58.2 GL max)	58.24	55.63	2.61	58.24
General Security Delivery Loss	132.40	111.96	10.70	122.66
Upper Namoi General Security (12.07 GL max)		1.82	10.25	12.07
Lower Namoi General Security (491.8 GL max)		429.26	0.00	429.26
Additional Resource for Sharing		23.64	-23.64	0.00
<b>Total</b>		<b>705.65</b>	<b>0.00</b>	<b>705.65</b>

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	0.00	GL
Available Water Determination	0.00	ML per unit share

### Upper Namoi water allocation history for 2022/23

Date	License Category	Increment	Total 2022/23	Average/Maximum 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/share*	100%*
1-Jul	General Security	1.00 ML/unit share	1.00 ML/share*	100%*

\*Maximum allowable

### Lower Namoi water allocation history for 2022/23

Date	License Category	Increment	Total 2022/23	Average /Maximum 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/share*	100%*
1-Jul	Supplementary	1.00 ML/unit share	1.00 ML/share*	100%*
1-Jul	General Security	0.00 ML/unit share	0.00 ML/unit share	175%

\*Maximum allowable

### Water allocation guide

The NSW Department of Planning and Environment – Water has produced a series of guides to describe the water allocation methods for most NSW regulated river systems. The guide for the Namoi Regulated River Water Source is available at the following link:

[www.industry.nsw.gov.au/water/allocations-availability/allocations/how-water-is-allocated/resource-assessment-process](http://www.industry.nsw.gov.au/water/allocations-availability/allocations/how-water-is-allocated/resource-assessment-process)

## Further information

The next monthly water allocation statement for the Namoi Regulated River Water Source will be available on **Friday 5 August 2022**.

Information on available water determinations and water sharing plans is available on the Department of Planning and Environment website: [www.industry.nsw.gov.au/water](http://www.industry.nsw.gov.au/water)

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