

12 January 2022

## Namoi Regulated River Water Sources

### Water allocation update

Rainfall continued to provide inflows into the Namoi catchment in December 2021. As a result, there has been an improvement in resources, particularly in headwater storages, to allow for the following allocation:

- **Lower Namoi general security** allocation to **increase by 10.8%** resulting in a total allocation of 81.5% to date for the current 2021-22 water year.

All other categories of licence in the Upper and Lower Namoi Regulated River Water Source were assigned full allocations on 1 July and remain unchanged.

2021-22	High Security	General Security
Upper Namoi Regulated River	100%	100%
Lower Namoi Regulated River	100%	81.5%

### Storage levels (as at 11 January 2022)

- Split Rock Dam is 71 per cent full – holding approximately 285 GL.
- Keepit Dam is 99 per cent full – holding approximately 424 GL.

### Key facts

- In December 2021, the upper catchment experienced average to above average rainfall, receiving approximately 50 to 200 mm of rain.
- Inflows to headwater storages were 119.8 GL for Keepit Dam and 27.6 GL for Split Rock Dam.
- 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.

### Seasonal climate and streamflow outlooks

The Bureau of Meteorology's seasonal outlook for January to March indicates above median rainfall for the upper catchment. Additionally, below median maximum and warmer than median minimum temperatures are expected.

For further details: [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 inflows into Keepit Dam. The forecast quartiles of total streamflow volume from December to February are higher than the historical quartile references, indicating likely higher runoff than historical streamflow conditions for the next few months.

Details can be found in: <http://www.bom.gov.au/water/ssf/>

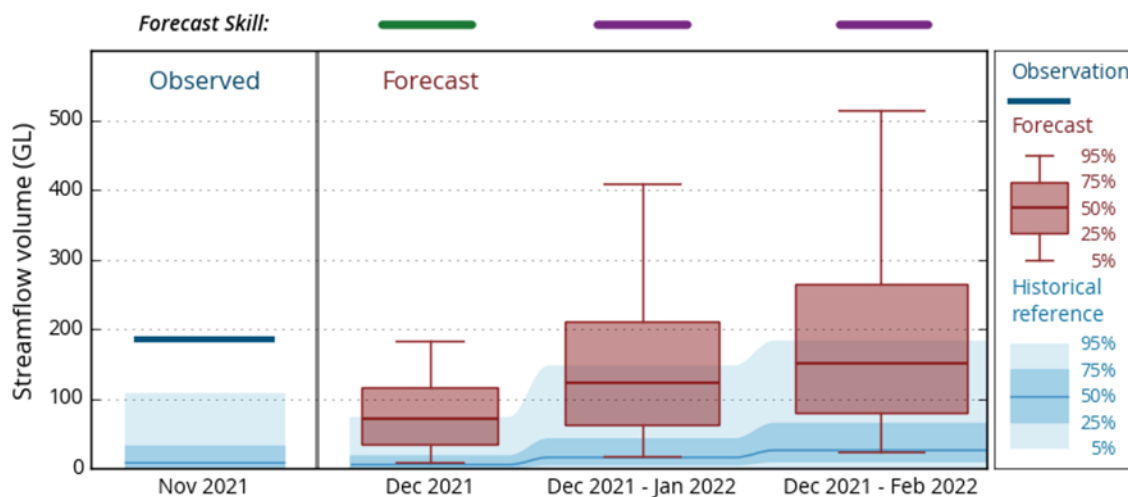
# Water Allocation Statement

Water availability and allocation update



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

Forecast for Dec 2021 – Feb 2022



Generated: 11:15 06/12/2021 (ver. 2.9.0)

©Commonwealth of Australia 2021, Bureau of Meteorology

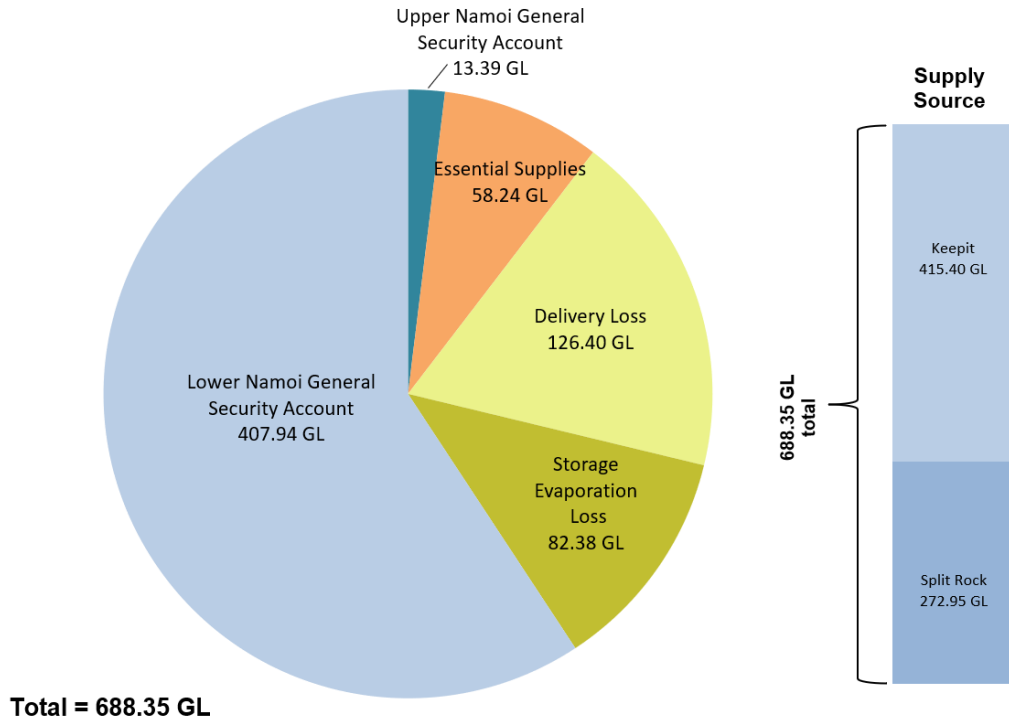
## Resource assessment data sheet

Resource distribution (as at 31 December 2021)	Volume (GL)
Keepit and Split Rock Active Volumes	688.35
<i>less</i>	
Storage Evaporation Loss <sup>(1)</sup>	82.38
Essential Supplies <sup>(2)</sup>	58.24
Lower Namoi General Security Account	407.94
Upper Namoi General Security Account	13.39
Delivery Loss <sup>(3)</sup>	126.40
Surplus (deficit) <sup>(4)</sup>	0.0

### Notes:

- <sup>(1)</sup> Storage Evaporation Loss: evaporation loss based on forecast storage behaviour and maximum historical evaporation rates over 2 years.
- <sup>(2)</sup> Essential Supplies: water required to be set aside under 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.
- <sup>(3)</sup> 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.
- <sup>(4)</sup> All available water resources have been fully allocated (no surplus/deficit). The system is secure for 24 months and beyond.

## Resource Distribution as at 31 December 2021 Namoi Regulated River Water Sources



## Resource assessment data sheet as at 31 December 2021

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	82.38	80.76	1.62	82.38
Essential Supplies for next 24 months (58.2 GL max)	58.24	53.21	5.03	58.24
General Security Delivery Loss	126.40	18.28	108.12	126.40
Upper Namoi General Security (11.4 GL max)		13.39	0.00	13.39
Lower Namoi General Security (491.8 GL max)		381.93	26.01	407.94
Additional Resource for Sharing		140.78	-140.78	0.00
<b>Total</b>		<b>688.35</b>	<b>0.00</b>	<b>688.35</b>

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	26.01	GL
Available Water Determination	0.108	ML per unit share

## New Water Allocation Guide

DPIE Water is producing a series of guides to describe the water allocation process for most NSW regulated river systems. One for the Namoi regulated river water source is now available.

For further details: <https://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 **Monday 7 February 2022**.

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