

5 November 2021

## Namoi Regulated River Water Sources

### Water allocation update

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

- **Lower Namoi general security allocation to increase by 5.7%**, resulting in a total allocation of 52.2% 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%	52.2%

### Storage levels (as at 4 November 2021)

- Split Rock Dam is 46.4% full – holding approximately 186 gigalitres (GL).
- Keepit Dam is 99.9% full – holding approximately 424 GL.

### Key facts

- In October, the upper catchment experienced average rainfall, receiving 50 to 100 mm of rain.
- Inflows into headwater storages was 40.2 GL for Keepit Dam and 16.2 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 November 2021 to January 2022 indicates that maximum temperatures are likely to be above median. In addition, the three months to February is likely to produce wetter than median rainfall conditions across most of NSW.

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 inflows into Keepit Dam.

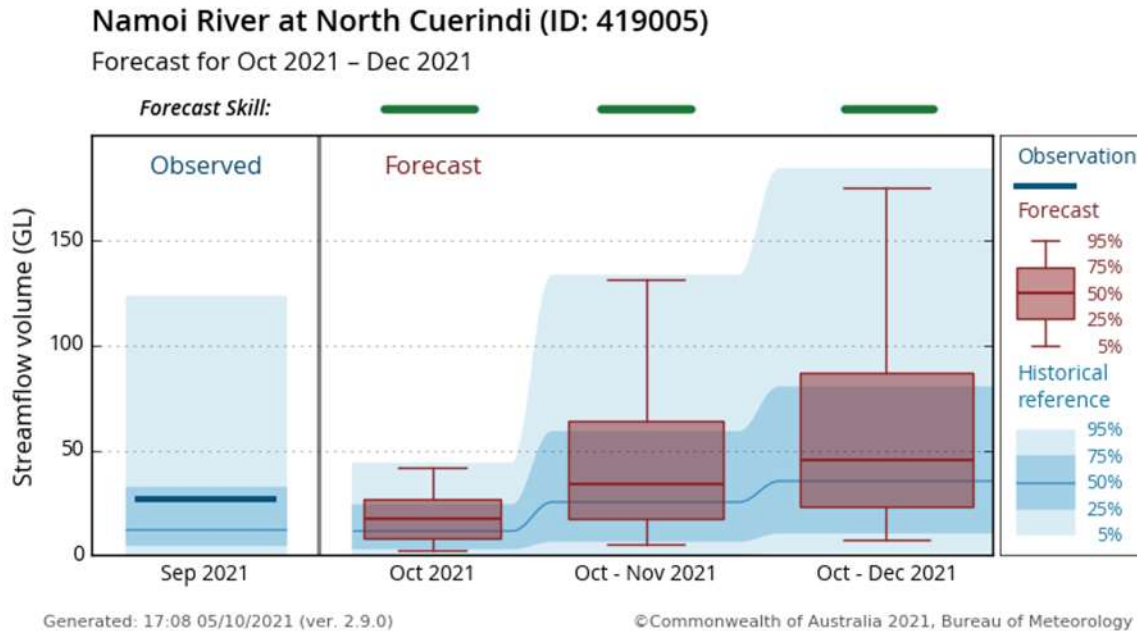
# Water Allocation Statement

Water availability and allocation update



The forecast quartiles of total streamflow volume from October to December are higher than the historical quartile references, indicating likely higher runoff than historical streamflow conditions for the next few months.

Details can be found at: [www.bom.gov.au/water/ssf/](http://www.bom.gov.au/water/ssf/)



## Resource assessment data sheet

Resource distribution (as at 31 October 2021)	GL
Keepit and Split Rock Active Volumes	599.83
<i>less</i>	
Storage Evaporation Loss <sup>(1)</sup>	76.66
Essential Supplies <sup>(2)</sup>	58.24
Lower Namoi General Security Account	343.91
Upper Namoi General Security Account	13.73
Delivery Loss <sup>(3)</sup>	107.29
Surplus (deficit) <sup>(4)</sup>	0.0

### Notes:

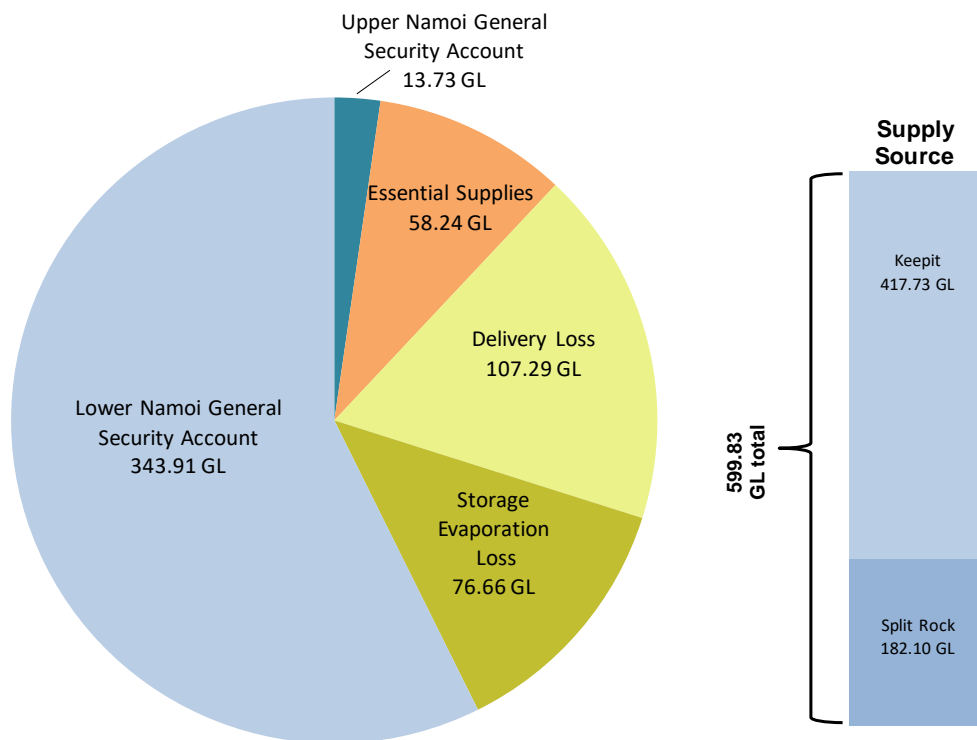
- <sup>(1)</sup> Storage Evaporation Loss: evaporation loss based on forecast storage behaviour and maximum historical evaporation rates over 2 years.
- <sup>(2)</sup> Essential Supplies: water required to be set aside under water sharing plan to provide for Stock & Domestic, Towns, High Security and 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.

# Water Allocation Statement

Water availability and allocation update



- (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 fully allocated (no surplus/deficit). The system is secure for 24 months and beyond.



**Total = 599.83 GL**

## Resource assessment data sheet as at 31 October 2021

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	76.66	75.31	1.35	76.66
Essential Supplies for next 24 months (58.2 GL max)	58.24	38.00	20.24	58.24
General Security Delivery Loss	107.29	91.64	15.65	107.29
Upper Namoi General Security (11.4 GL max)		13.73	0.00	13.73
Lower Namoi General Security (491.8 GL max)		329.97	13.94	343.91
Additional Resource for Sharing		51.18	-51.18	0.00
<b>Total</b>		<b>599.83</b>	<b>0.00</b>	<b>599.83</b>

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	13.94	GL
Available Water Determination	0.057	ML per unit share

## New aquifer access licences

The department is making new water access licences available for several groundwater sources across NSW. The opportunity to acquire new shares from these groundwater sources will be through a tender process, with a limited number of shares available in each groundwater source.

Further details at: [www.industry.nsw.gov.au/water/allocations-availability/controlled](http://www.industry.nsw.gov.au/water/allocations-availability/controlled)

## New water allocation guide

The department is producing a series of guides to describe the water allocation process for most NSW regulated river systems. The guide for the Namoi regulated river water source is now available.

Further details at: [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 **Tuesday 7 December 2021**.

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.

You can also follow DPIE-Water on Twitter: [@NSWDPIE\\_Water](https://twitter.com/NSWDPIE_Water)