

7 December 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 18.5%**, resulting in a total allocation of 70.7% 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%	70.7%

### Storage levels (as at 7 December 2021)

- Split Rock Dam is 65% full – holding approximately 260 gigalitres (GL).
- Keepit Dam is 95% full – holding approximately 405 GL.

### Key facts

- In November, the upper catchment experienced very much above average to highest on record rainfall, receiving approximately 100 to 300 mm of rain.
- Inflows to headwater storages were 203.9 GL for Keepit Dam and 67.7 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

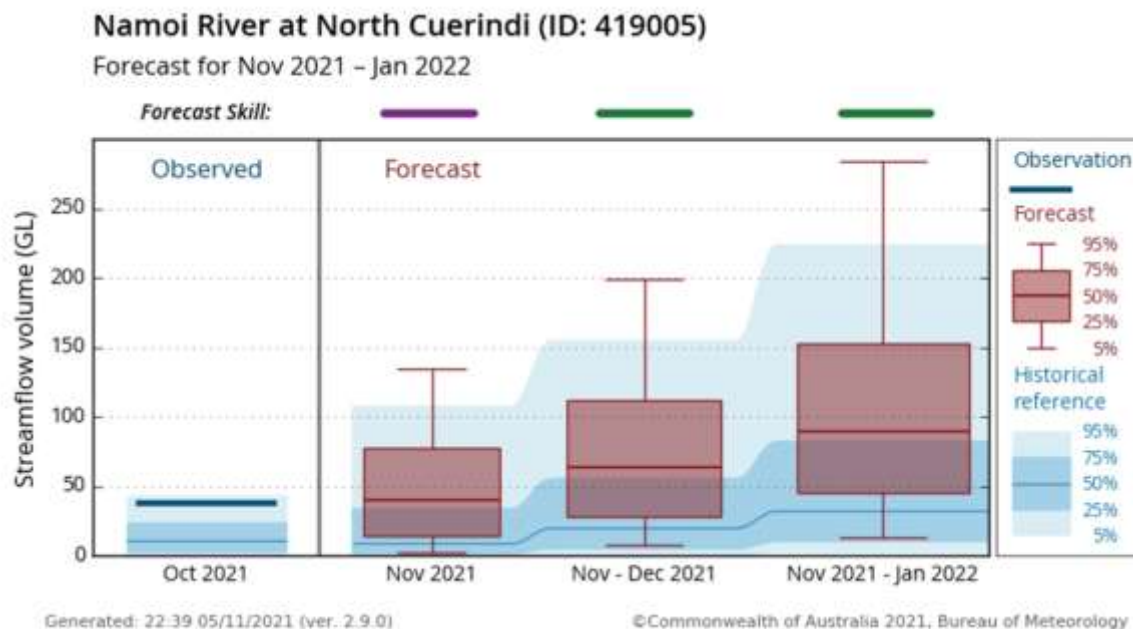
The Bureau of Meteorology's seasonal outlook for December 2021 to February 2022 indicates that below median daytime temperatures are likely for eastern NSW. Unusually high rainfall (top 20% of historical records) is likely over most of the eastern states of Australia.

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. The forecast quartiles of total streamflow volume from November to January 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: <http://www.bom.gov.au/water/ssf/>



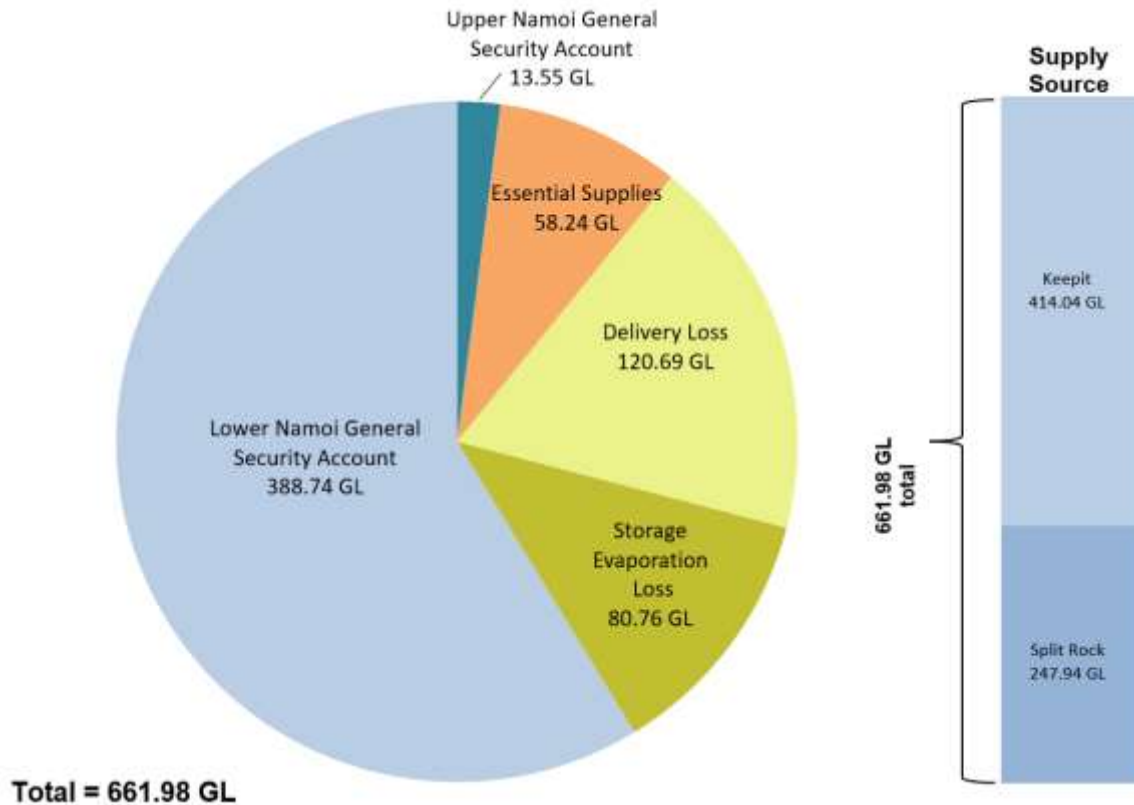
## Resource assessment data sheet

Resource distribution (as at 30 November 2021)	Volume (GL)
Keepit and Split Rock Active Volumes	661.98
<i>less</i>	
Storage Evaporation Loss <sup>(1)</sup>	80.76
Essential Supplies <sup>(2)</sup>	58.24
Lower Namoi General Security Account	388.74
Upper Namoi General Security Account	13.55
Delivery Loss <sup>(3)</sup>	120.69
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 30 November 2021 Namoi Regulated River Water Sources



### Resource assessment data sheet as at 30 November 2021

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	80.76	76.66	4.10	80.76
Essential Supplies for next 24 months (58.2 GL max)	58.24	0.00	58.24	58.24
General Security Delivery Loss	120.69	0.00	120.69	120.69
Upper Namoi General Security (11.4 GL max)		13.55	0.00	13.55
Lower Namoi General Security (491.8 GL max)		343.85	44.89	388.74
Additional Resource for Sharing		227.92	-227.92	0.00
<b>Total</b>		<b>661.98</b>	<b>0.00</b>	<b>661.98</b>

# Water Allocation Statement



Water availability and allocation update

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	44.89	GL
Available Water Determination	0.185	ML per unit share

## 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 one 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 **Wednesday 12 January 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.

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