

7 May 2021



## Namoi Regulated River Water Sources

### Water allocation update

There has been some good improvement in resources in the Namoi system since the last assessment allowing for the following allocation increase:

- **Lower Namoi general security** allocation to **increase by 6%** resulting in a total allocation of 88.6% for the current water year.

All other categories of licence in the Upper and Lower Namoi Regulated River Water Source have been given full allocations and remain unchanged.

2020-21	High Security	General Security	Drought Stage
Upper Namoi Regulated River Water Source	100%	100%	 Stage 1
Lower Namoi Regulated River Water Source	100%	88.6%	 Stage 1

### Resource outlook for 2021/22

This forecast is provided to assist water users in their planning for the new water year. Conditions are being closely monitored and water users will be provided monthly updates on catchment and inflow conditions.

- Water for all critical needs is secure for the 2021/22 water year.
- There is enough water to provide **Local water utility, domestic** and **stock** water access licences with a full (100%) allocation on 1 July for the 2021/22 water-year.
- **High security** licence holders are also likely to receive a full (100%) allocation on 1 July 2021.
- **General security** entitlement holders in the **Upper Namoi** can expect to receive a full (100%) allocation on 1 July should Split Rock Dam volume stay above 10% full.
- Water remaining in the **Upper Namoi general security** account may be carried over into next year, however the maximum volume that may be held is 1 megalitre per unit share (100%).
- Water held in **Lower Namoi general security** accounts and carried forward is expected to be fully deliverable in 2021/22.

### Storage levels (as at 5 May 2021)

- Split Rock Dam is 29.1 per cent full – holding about 118, 000 ML.
- Keepit Dam is 66 per cent full – holding about 283,000 ML.

## Key facts

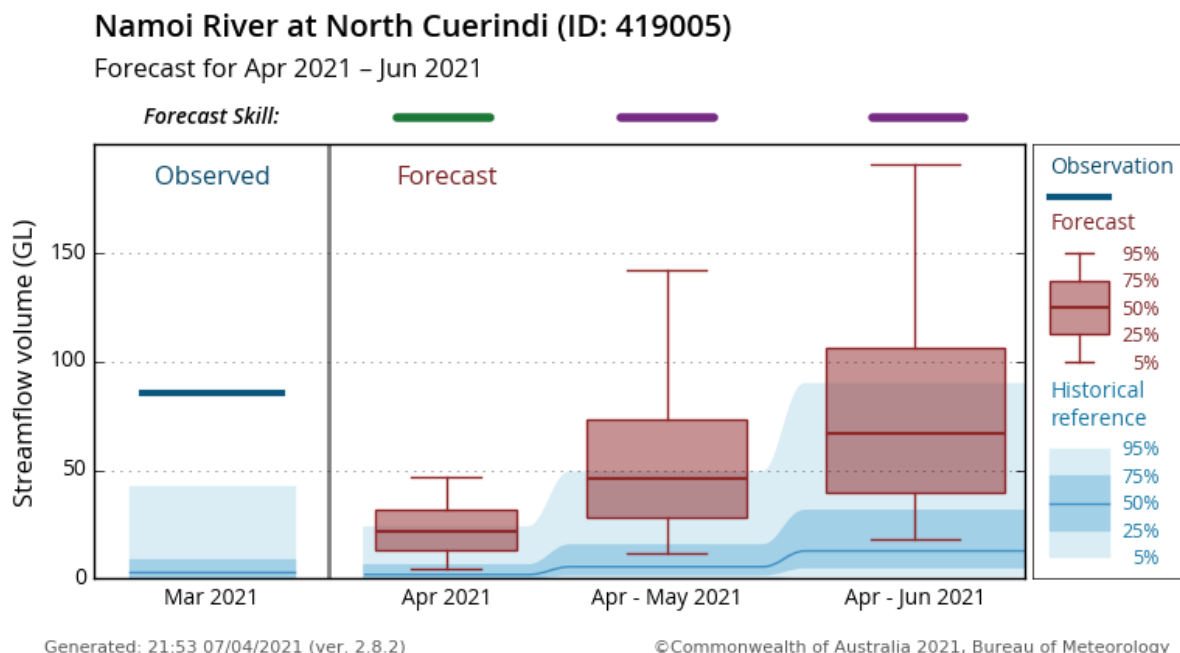
- During April, the catchment experienced below average to average rainfall, ranging between 5 to 50 mm.
- Inflows into headwater storages included 20 GL for Keepit and 4.3 GL for Split Rock Dam.
- Critical requirements for Manilla and Barraba townships are secure for the next 24 months and beyond, based on assumed minimum future inflows to Split Rock Dam.
- Drought stages for both Upper and Lower Namoi rivers remain at the minimum (stage 1) reflecting normal river operation.

## Seasonal Climate and Streamflow Outlooks

The Bureau of Meteorology's seasonal outlook for May to July indicates that rainfall is likely to be around or above average across the catchment. Daytime and overnight temperatures are likely to be warmer than average.

Details can be found in: <http://www.bom.gov.au/climate/ahead/outlooks/>

The Bureau of Meteorology issues a seasonal flow forecast for the unregulated Namoi River at North Cuerindi (see the figure below). This may provide an indication of potential inflows into Keepit Dam. All forecast quantiles of total streamflow volume from April to June is much higher than the historical quantiles, indicating higher runoff than historical streamflow conditions for the coming months.



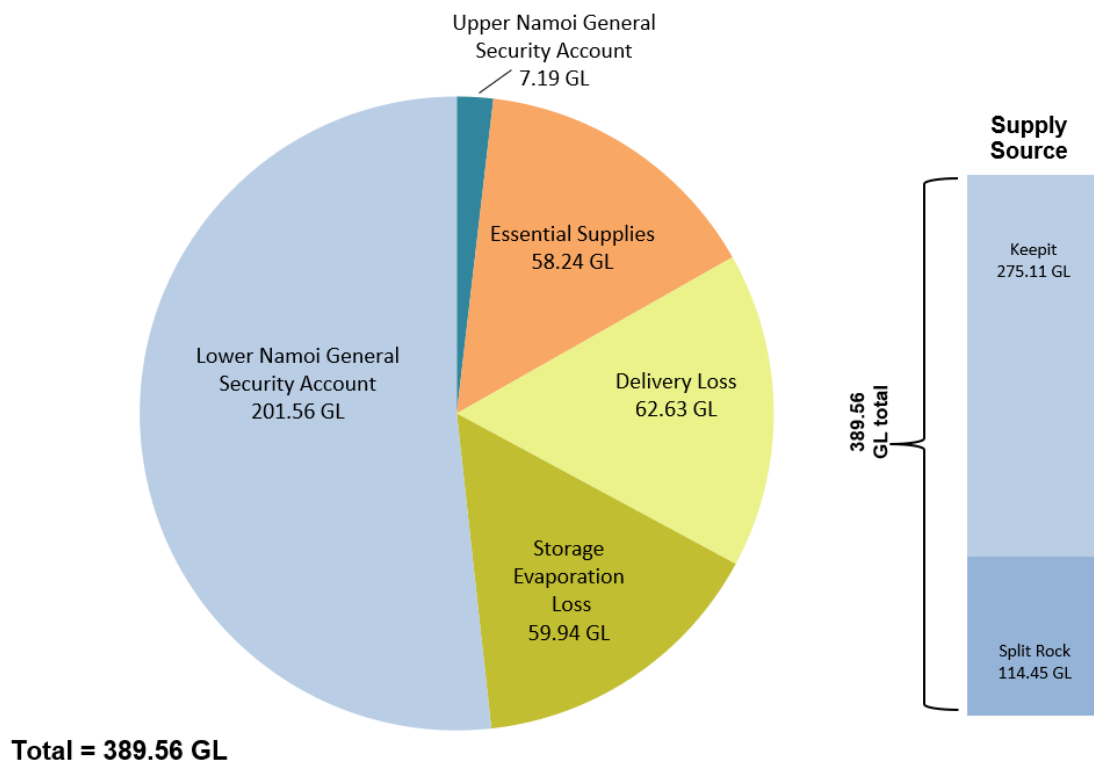
Further details can be found at: <http://www.bom.gov.au/water/ssf/>

## Resource Assessment Data Sheet

Resource Distribution (as at 1 May 2021)	GL
Keepit and Split Rock Active Volumes	389.56
<i>less</i>	
Storage Evaporation Loss <sup>(1)</sup>	59.94
Essential Supplies <sup>(2)</sup>	58.24
Lower Namoi General Security Account	201.56
Upper Namoi General Security Account	7.19
Delivery Loss <sup>(3)</sup>	62.63

**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 plans 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.



# Water Allocation Statement

Water availability and allocation update



## Resource Assessment data sheet as at 1 May 2021

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	59.94	58.04	1.90	59.94
Essential Supplies for next 24 months (58.2 GL max)	58.24	58.06	0.18	58.24
Upper Namoi General Security (11.4 GL max)		7.19	0.00	7.19
General Security Delivery Loss	62.63	58.19	4.44	62.63
Lower Namoi General Security (491.8 GL max)		186.78	14.78	201.56
Additional Resource for Sharing		21.30	-21.30	0.00
Total		389.56	0.00	389.56

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

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	14.78	GL
Available Water Determination	0.060	ML per unit share

### Further information

The next monthly water allocation statement for the Namoi Regulated River Water Source will be available on **Monday 7 June 2021**.

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