

6 August 2021

## Namoi Regulated River Water Sources

### Water allocation update

There has been an improvement in resources in the Namoi catchment headwater storages to allow for the following allocation:

- **Lower Namoi general security allocation to increase by 27.8%**, resulting in a total allocation of 37.6% 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%	37.6%

### Storage levels (as at 6 August 2021)

- Split Rock Dam is 38% full – holding approximately 154 gigalitres (GL).
- Keepit Dam is 96% full – holding approximately 408 GL.

### Key facts

- During July, the catchment experienced above average to very much above average rainfall, receiving approximately 50 to 200 mm of rain.
- Inflows into headwater storages included 81.9 GL for Keepit Dam and 24.6 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.
- Downstream tributary inflows continue providing water for supplementary access water users.

### Seasonal climate and streamflow outlooks

The Bureau of Meteorology's seasonal outlook for next three months indicates that rainfall is likely to be above average across the catchment. Both daytime and overnight temperatures are also likely to be above average.

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

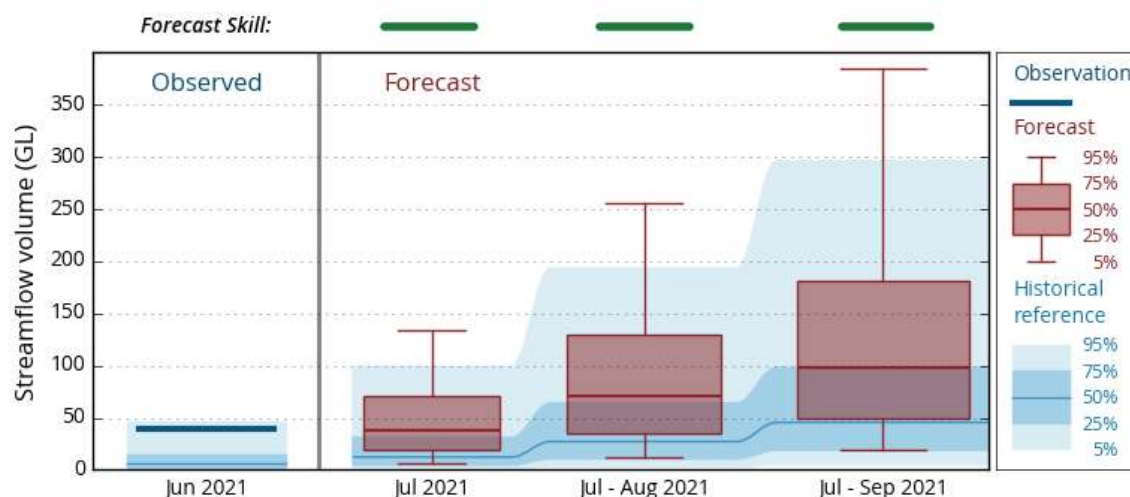
The Bureau of Meteorology issues a seasonal flow forecast for the unregulated Namoi River at North Cuerindi. This may provide an indication of potential inflows into Keepit Dam. The forecast

quantiles of total streamflow volume from July to September are higher than the historical quantile references, indicating 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/)

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

Forecast for Jul 2021 – Sep 2021



Generated: 17:38 06/07/2021 (ver. 2.8.2)

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## Resource assessment data sheet

Resource distribution (as at 31 July 2021)	GL
Keepit and Split Rock Active Volumes	552.07
less	
Storage Evaporation Loss <sup>(1)</sup>	73.25
Essential Supplies <sup>(2)</sup>	58.24
Lower Namoi General Security Account	309.33
Upper Namoi General Security Account	14.19
Delivery Loss <sup>(3)</sup>	97.06
Surplus (deficit) <sup>(4)</sup>	0.0

### Notes:

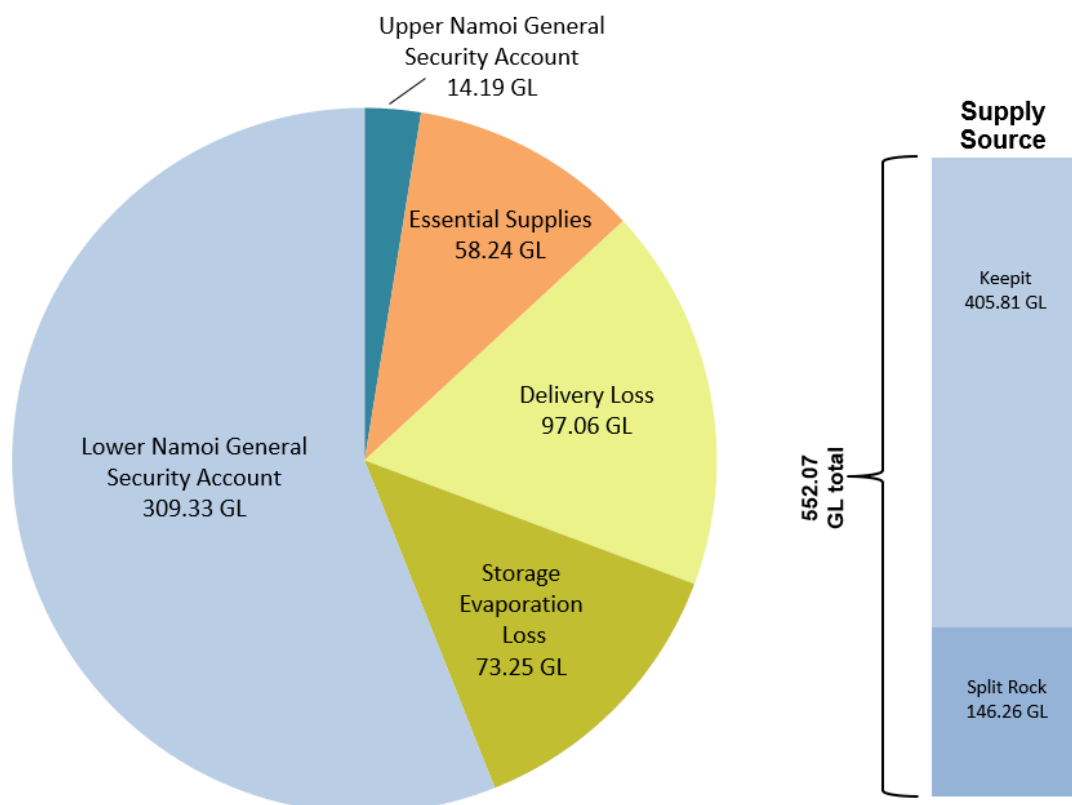
- <sup>(1)</sup> Storage Evaporation Loss: evaporation loss based on forecast storage behaviour and maximum historical evaporation rates over 2 years.
- <sup>(2)</sup> Essential Supplies: water required to be set aside under water sharing plans to provide for Stock & Domestic, Towns, High Security and riverine environments. Includes Gunidgera/Pian stock and domestic replenishments, delivery loss allowance and end-of-systemflow 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



<sup>(4)</sup> All available water resources have been fully allocated with no surplus left. The system is secure for next 24 months and beyond with no deficit.



**Total = 552.07 GL**

## Resource assessment data sheet as at 31 July 2021

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	73.25	64.99	8.26	73.25
Essential Supplies for next 24 months (58.2 GL max)	58.24	50.03	8.21	58.24
General Security Delivery Loss	97.06	58.07	38.99	97.06
Upper Namoi General Security (11.4 GL max)		14.19	0.00	14.19
Lower Namoi General Security (491.8 GL max)		241.37	67.96	309.33
Additional Resource for Sharing		123.42	-123.42	0.00
<b>Total</b>		<b>552.07</b>	<b>0.00</b>	<b>552.07</b>

# Water Allocation Statement



Water availability and allocation update

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	67.96	GL
Available Water Determination	0.278	ML per unit share

## Further information

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

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