

7 September 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 4.6%**, resulting in a total allocation of 42.2% 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%	42.2%

Storage levels (as at 6 September 2021)

- Split Rock Dam is 41.6% full – holding approximately 167 gigalitres (GL).
- Keepit Dam is 94.4% full – holding approximately 402 GL.

Key facts

- During August, the upper catchment experienced average to above average rainfall, receiving approximately 50 to 100 mm of rain.
- Inflows into headwater storages included 85 GL for Keepit Dam and 16.1 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

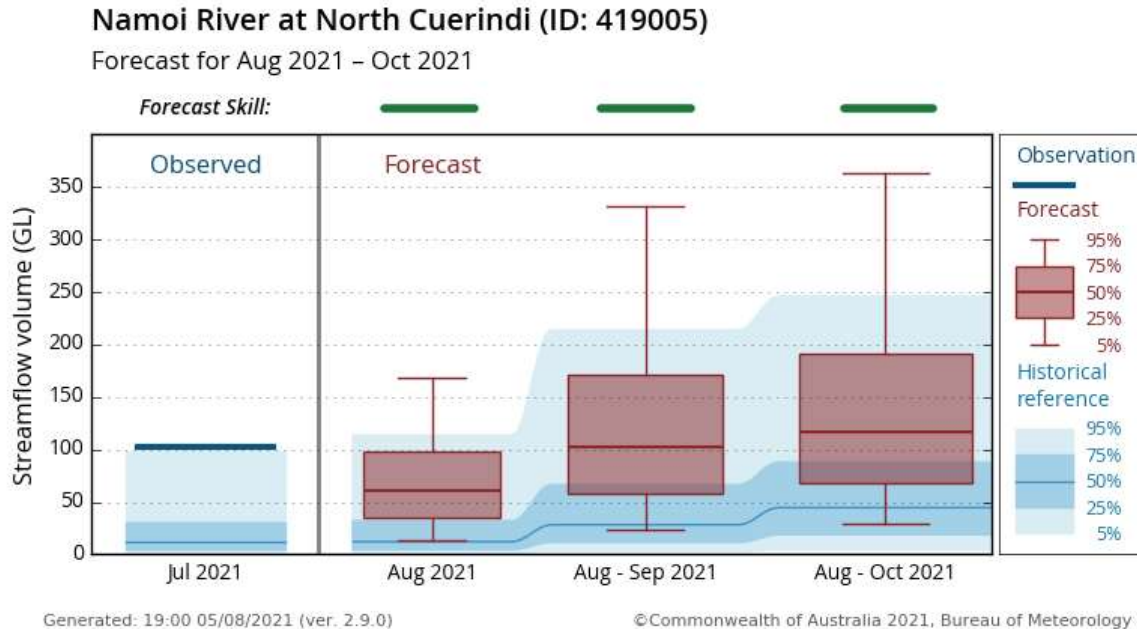
The Bureau of Meteorology's seasonal outlook for next three months indicates that rainfall is likely to be above average across the catchment. Maximum spring temperatures are unlikely to be above average while minimums are very likely to be above average.

For further details at: 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 August to October 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/



Resource assessment data sheet

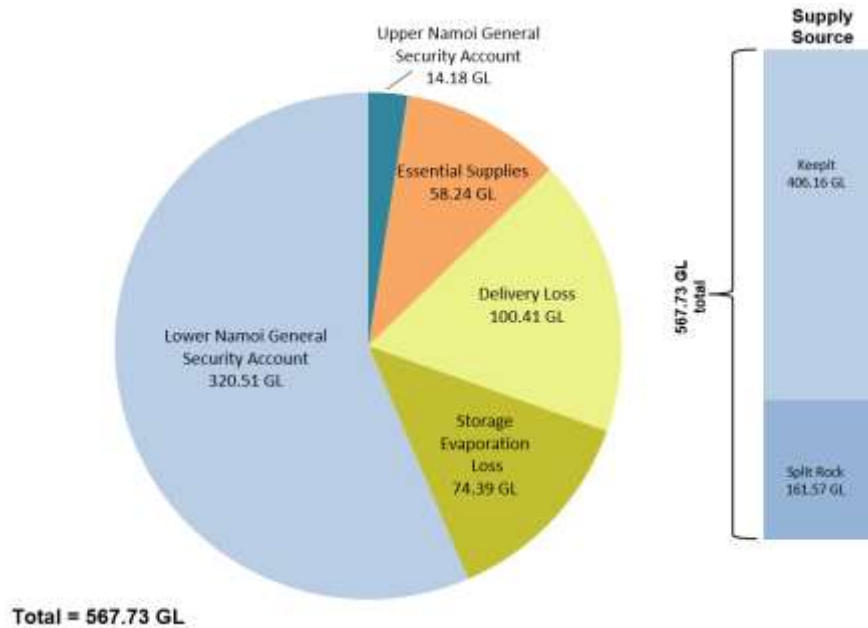
Resource distribution (as at 31 August 2021)	GL
Keepit and Split Rock Active Volumes	567.73
<i>less</i>	
Storage Evaporation Loss ⁽¹⁾	74.39
Essential Supplies ⁽²⁾	58.24
Lower Namoi General Security Account	320.51
Upper Namoi General Security Account	14.18
Delivery Loss ⁽³⁾	100.41
Surplus (deficit) ⁽⁴⁾	0.0

Notes:

- ⁽¹⁾ Storage Evaporation Loss: evaporation loss based on forecast storage behaviour and maximum historical evaporation rates over 2 years.
- ⁽²⁾ 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.
- ⁽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.
- ⁽⁴⁾ 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.

Water Allocation Statement

Water availability and allocation update



Resource assessment data sheet as at 31 August 2021

Volumes in GL	Budget	Current	Additional	Balance
Storage Evaporation Loss	74.39	73.25	1.14	74.39
Essential Supplies for next 24 months (58.2 GL max)	58.24	0.00	58.24	58.24
General Security Delivery Loss	100.41	92.33	8.08	100.41
Upper Namoi General Security (11.4 GL max)		14.18	0.00	14.18
Lower Namoi General Security (491.8 GL max)		309.33	11.18	320.51
Additional Resource for Sharing		78.64	-78.64	0.00
Total		567.73	0.00	567.73

Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	11.18	GL
Available Water Determination	0.046	ML per unit share

Further information

The next monthly water allocation statement for the Namoi Regulated River Water Source will be available on **Friday 8 October 2021**.

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