

## Namoi Valley

### Water allocation update

#### Allocations

Lower Namoi general security allocation **remains unchanged at 7.08 per cent of entitlement.**

Australia experienced the third driest May on record and NSW had the seventh lowest May rainfall in 119 years. The extreme dry conditions across the upper storage catchments, and no net inflow during May, means there is no improvement in water resource availability. Cumulative inflow since July 2017 has been 35 gigalitres (GL), which lies within the driest five per cent of years on record.

	High Security	General Security
Upper Namoi Valley	100%	100%
Lower Namoi Valley	100%	7.08%

#### Dam levels (as at 7 June)

- Keepit Dam is about 12 per cent full – steady – currently about 58,000 megalitres (ML).
- Split Rock Dam is 14 per cent full – steady – currently about 61,000 ML.

#### Key facts

- Despite the extreme dry conditions, critical needs are secure for the 2018/19 water year based on the current water in storage.
- Irrigation deliveries to users on the main Namoi River to Gunidgera in 2018/19 will be under a block release strategy, unless conditions improve.
- No end of system flow will be required during June under the water sharing plan rules as the total storage volume has now fallen below 120,000 ML.
- A release from Keepit Dam has been planned for this month to provide a stock and domestic/riparian flow to Walgett in conjunction with the Peel environmental flows.

#### Seasonal climate outlook

The Bureau of Meteorology is forecasting that rainfall is unlikely to exceed median conditions during June to August for the catchment. Forecasts also suggest that day and night-time temperatures are likely to be above median during this period.

The outlook for the south-east of Australia suggests that winter will likely be drier and warmer than average. The EL NIÑO–Southern Oscillation (ENSO) and the Indian Ocean Dipole (IOD) are forecast to remain neutral during winter, meaning weather patterns will be influenced mostly by local effects.

**Further information**

This is the final water allocation statement for the 2017-18 water year. State-wide opening allocations for the 2018-19 water year will be made on Sunday 1 July 2018. The next water allocation statement for the Namoi regulated river will be available in early August 2018.

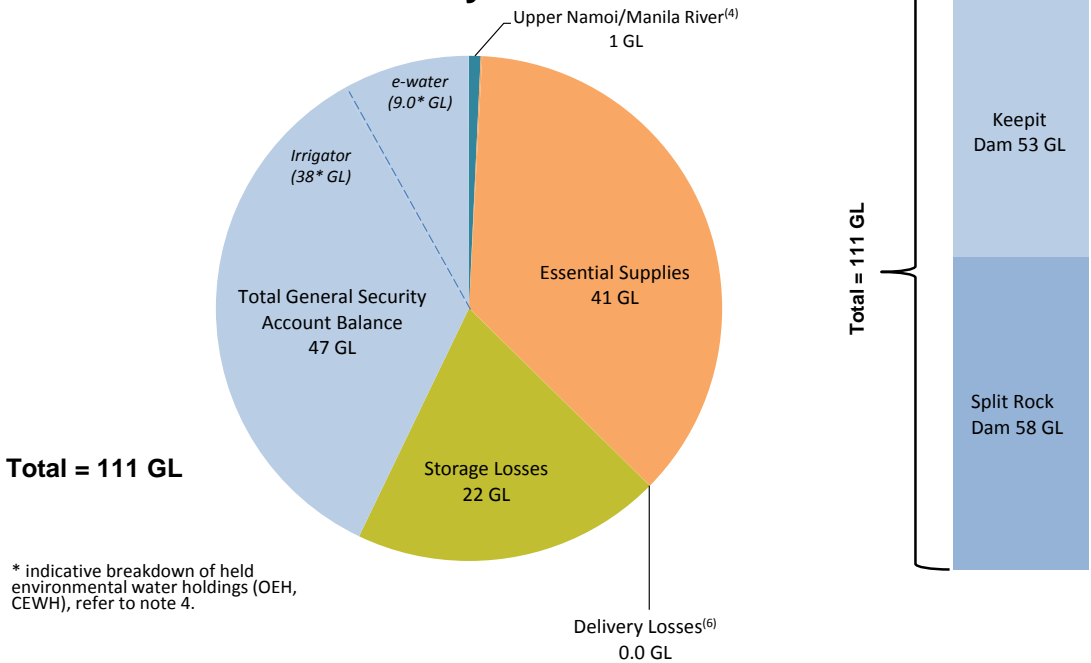
Information on available water determinations and water sharing plans is available on the Department of Industry website – [www.industry.nsw.gov.au/water](http://www.industry.nsw.gov.au/water)

**Namoi Resource Assessment Data Sheet**

Resource Distribution (as at 31 May 2018)	
	Volume (GL)
Available Resource <sup>(1)</sup>	110.62
<b>less</b>	
Storage Losses <sup>(2)</sup>	21.85
Essential Supplies <sup>(3)</sup>	40.43
General Security Account Balance <sup>(4)</sup>	47.42
Upper Namoi/Manilla River accounts <sup>(4)</sup>	0.92
Peel Trade Account <sup>(5)</sup>	0.00
Delivery Loss Account <sup>(6)</sup>	0.00

See notes below.

**Resource Distribution as at 31 May 2018  
Namoi Valley**



**Notes:**

- (1) Available Resource: includes total active storage (Split Rock & Keepit Dams).
- (2) Storage Losses: evaporation loss based on forecast storage behaviour and maximum historical evaporation rates over 2 years.
- (3) Essential Supplies: water required to be set aside under water sharing plans to provide for Towns, Stock & Domestic, 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.
- (4) Held environmental water (HEW): as a trial, water administered by environmental water holders is reported here, with the associated portions of general security allocation also identified in the above pie chart. This reporting of held environmental water is indicative only and, prior to reconciliation of usage and net trade, estimated to be about 9 GL of GS in the Lower Namoi and 0.11 GL of GS in the Upper Namoi. No HS water is held. These entitlements are held and/or managed either singly or jointly by various environmental holder groups, including the NSW Office of Environment and Heritage (OEH) and the Commonwealth Environmental Water Holder (CEWH).
- (5) Peel Trade Account: the Peel water sharing plan, at Clause 86(4), provides for limited allocation assignment from the Peel to the Namoi valleys. It requires a volume to be set aside in Keepit Dam equal to the AWD times 3,000 (maximum of 6,000 ML), for trade from the Peel valley. The current account balance is zero (0) ML meaning all available trade water has been delivered.
- (6) This account reflects the water needed to deliver general security water (delivery losses). Zero balance means that water must be borrowed to continue the delivery of general security water, in accordance with prior practice. It also means that payback of any borrow will occur before further general security allocation increase.

## Namoi resource assessment

- Previous assessment date: 30 April 2018
- Current assessment date: 31 May 2018

<b>Storage volume</b>	<b>Committed Volume (GL)</b>	<b>Remaining Storage Balance (GL)</b>
Total (Split Rock plus Keepit)		120.32
Dead storage	9.70	110.62
Storage Loss Committed - projected 2 years (brought forward)	22.31	88.31

<b>Essential Supplies</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	36.20	
Used and associated loss since last assessment	-0.40	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	35.80	52.51

<b>Upper Namoi/Manilla Rivers</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	1.29	
Ordered since last assessment	-0.37	
Allocation Assignments from Upper Namoi to Lower Namoi	0.00	
Current balance	0.92	51.59

<b>General Security (D/S Keepit)</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	54.43	
Orders since assessment period	-7.01	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi & Peel Trade)	0.00	
Current balance	47.42	4.17

<b>Peel Trade Account</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	0.00	
Trade to general security since last assessment	0.00	
Current balance	0.00	4.17

<b>Delivery Loss</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	0.00	
Apparent losses since last assessment	0.00	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	0.00	4.17

<b>Apparent Losses since last assessment</b>	<b>% of loss</b>	<b>GL</b>
Total		0.00
Essential Supply Loss	5%	0.00
General Security Loss	95%	0.00

<b>Resources available for sharing</b>	<b>GL</b>
Total	4.17

<b>New balances</b>	<b>Limit</b>	<b>Commitments</b>		<b>Balance</b>
		Current	Additional	
		GL	GL	
Storage Loss	21.86	22.31	-0.46	21.85
Essential Supplies	67.20	35.80	4.63	40.43
Upper Namoi / Manilla River	10.90	0.92	0.00	0.92
Delivery Loss	150.94	0.00	0.00	0.00
General Security Irrigation	493.40	47.42	0.00	47.42
Peel Trade Account	0.00	0.00	0.00	0.00
Uncommitted resources	-	4.17	-4.17	0.00
Total	-	110.62	0.00	110.62

<b>Recommendations Upper Namoi (General Security)</b>	<b>Value</b>	<b>Unit</b>
Incremental Increase CREDITED	0.00	GL
Available Water Determination	0.0000	ML per unit share

<b>Recommendations Lower Namoi (General Security)</b>	<b>Value</b>	<b>Unit</b>
Incremental Increase CREDITED	0.00	GL
Available Water Determination	0.0000	ML per unit share