



6 October 2016

## Namoi Valley

### Water allocation update – to end September 2016

#### Allocations

NSW Lower Namoi regulated river water source general security access licences have received an **increased allocation of 42.18 per cent**.

This brings the current total allocation for Lower Namoi general security licences this water year to **101.22 per cent of entitlement**.

The increase in allocation is the result of inflows over the second half of September.

All other categories of licence in the valley have already received their maximum allocation for the 2016-17 water-year.

	High Security	General Security
Upper Namoi valley	100%	100%
Lower Namoi valley	100%	101.22%

#### Dam levels (as at 06 October)

- Keepit Dam is currently 88 per cent full – rising - holding 376,800 ML.
- Split Rock Dam is currently 29 per cent full – rising - holding 115,690 ML.
- The combined active storage volume (Split Rock and Keepit dams) is about 493,000 ML.

#### Key facts

- The Bureau of Meteorology has warned of continuing minor flooding along the Namoi River at Goangra today (6 October).
- Keepit Dam has increased from a low in early June of 9 per cent (43,000 ML). The storage gained 100,000 ML during September as rainfall and inflows continued.
- Inflows to Split Rock Dam have totalled about 85,000 ML since 1 August.
- Storage recovery has improved confidence in resource deliverability, meaning that there should be no need to undertake block releases in the foreseeable future.
- Downstream tributary inflows have also allowed continuous supplementary access for licence holders since early this water-year.
- While there is no annual allocation limit for general security licences in the Lower Namoi Valley, the annual use limit is 1.25ML/share (or 125 per cent of entitlement) and the three-year use limit is 3ML/share (or 300 per cent of entitlement).

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[www.water.nsw.gov.au](http://www.water.nsw.gov.au)

### **Seasonal rainfall outlook**

Significant rainfall in the Namoi Valley continued in September and catchments remain wet. The BoM seasonal outlook indicates that wet conditions in the catchment are likely through the coming three months (October to December), particularly in October. Cooler days and nights are also likely.

Major drivers of the current outlook include a strong negative Indian Ocean Dipole, combined with a La Niña-like pattern of warm seas around northern Australia.

### **Further information**

The next water allocation statement for the Namoi regulated river water sources is scheduled for **Monday 7 November 2016**. However, DPI Water will closely monitor conditions and any significant resource improvements in the next fortnight will be notified around Friday 21 October in an interim announcement.

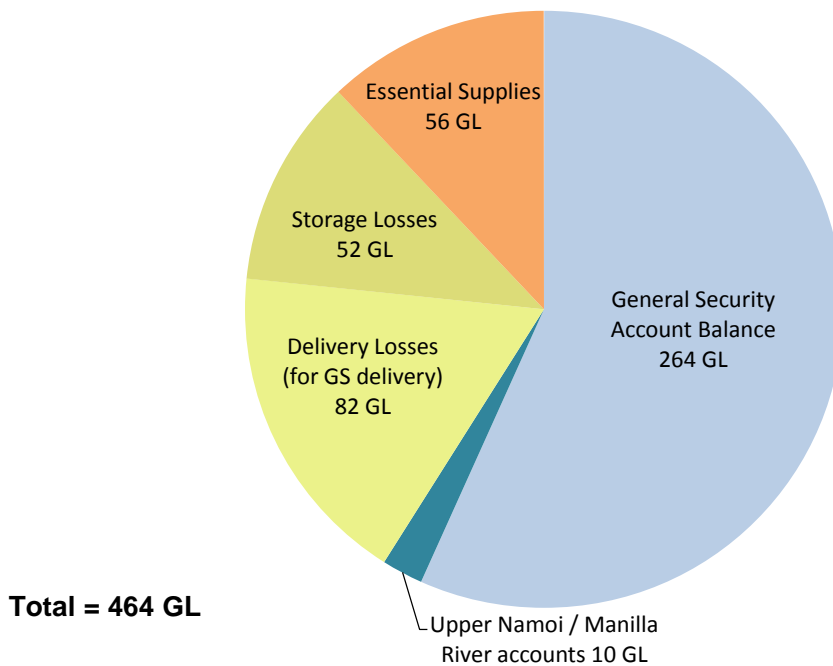
Information on Available Water Determinations and water sharing plans is available on the DPI Water website - [www.water.nsw.gov.au](http://www.water.nsw.gov.au)

**Namoi Resource Assessment Data Sheet**

<b>Resource Distribution (as at 01 October 2016) for 2016-17</b>	
	Volume (GL)
Available Resource <sup>(1)</sup>	464.83
<b>less</b>	
Storage Losses <sup>(2)</sup>	52.56
Essential Supplies <sup>(3)</sup>	56 (100%)
General Security Account Balance	263.73
Upper Namoi/Manilla River accounts	10.32 <sup>4</sup> (100%)
Delivery Loss Account	82.22 (30% of GS)

\*See notes below.

**Resource Distribution Oct 2016 to Jun 2017  
Namoi Valley**



**Notes:**

- (1) Available Resource (464 GL) – includes total active storage (Split Rock & Keepit Dams).
- (2) Storage Losses – evaporation loss based on forecast storage behaviour 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) This account includes 10 per cent improvement credited to the upper Namoi general security accounts in the last assessment.

## Namoi resource assessment

- Previous Assessment date: 14 September 2016
- Current Assessment date: 30 September 2016

<b>Storage volume</b>	<b>Committed Volume (GL)</b>	<b>Remaining Storage Balance (GL)</b>
Total (Split Rock plus Keepit)		474.53
Dead storage	9.70	464.83
Storage Loss Committed (projected 2 years)	41.10	423.73

<b>Essential Supplies</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	56.00	
Used and associated loss since last assessment	-0.41	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	55.59	368.13

<b>Upper Namoi/Manilla Rivers</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	10.32	
Ordered since last assessment	0.00	
Allocation Assignments from Upper Namoi to Lower Namoi	0.00	
Current balance	10.32	357.82

<b>General Security (D/S Keepit)</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	160.92	
Orders since assessment period	0.00	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi)	0.00	
Current balance	160.92	196.89

<b>Delivery Loss</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	51.37	
Apparent losses since last assessment	0.00	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	51.37	145.52

<b>Apparent Losses since last assessment</b>	<b>% of loss</b>	<b>GL</b>
Total		0.00
Essential Supply Loss	100%	0.00
General Security Loss	0%	0.00

<b>Resources available for sharing</b>	<b>GL</b>
Total	<b>145.52</b>

<b>New balances</b>	<b>Limit</b>	<b>Commitments</b>		<b>Balance</b>
		Current	Additional	
		GL	GL	
Storage Loss	52.56	41.10	11.46	52.56
Essential Supplies	56.00	55.59	0.41	56.00
Upper Namoi / Manilla River	9.81	10.32	0.00	10.32
Delivery Loss	150.94	51.37	30.85	82.22
General Security Irrigation	493.40	160.92	102.81	263.74
Uncommitted resources	-	145.52	-145.52	0.00
Total	-	464.83	0.00	464.83

<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	102.81	GL
Available Water Determination	0.4218	ML per unit share