

19 September 2016

## Namoi Valley

### Water allocation update – to 14 September 2016

#### Allocations

Heavy rainfall in recent days has provided further Namoi system inflows and storage improvements. To help irrigators in their planning decisions an interim mid-month resource assessment has been undertaken.

There has been sufficient resource improvement to announce an **increase in allocation for Lower Namoi general security entitlement holders of 20.72 per cent**. This brings the total general security allocations this year (2016/17) in the Lower Namoi Valley to **59.04 per cent of entitlement**.

More rainfall is forecast to occur in coming days.

	High Security	General Security
Upper Namoi valley	100%	100%
Lower Namoi valley	100%	59%

#### Key facts

- As at 16 September, Keepit Dam was 66 per cent full – rising - holding 283,000 ML, while Split Rock Dam was 22 per cent full, holding 87,200 ML.
- Irrigation releases will be made on demand throughout the main growing season in consultation with the irrigators.
- Supplementary access continues to be available and is assisting to meet system demands, thereby allowing water to be conserved in storage.

#### Dam levels (as at 16 September)

The current combined active storage volume in Split Rock and Keepit dams is about 361 GL. Storages are currently rising.

#### Seasonal rainfall outlook

The Bureau of Meteorology (BoM) climate outlook for Spring indicates the chances of a wetter or drier spring are about equal. Warmer spring days and nights are likely across western fringes and the eastern catchments have roughly equal chances of warmer or cooler spring days.

The current outlook reflects a weakening negative Indian Ocean Dipole and tropical Pacific Ocean temperatures potentially approaching La Niña thresholds.

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

## Further information

The next monthly Water Allocation Statement for the Namoi regulated river water sources will be issued on **Friday 7 October 2016**.

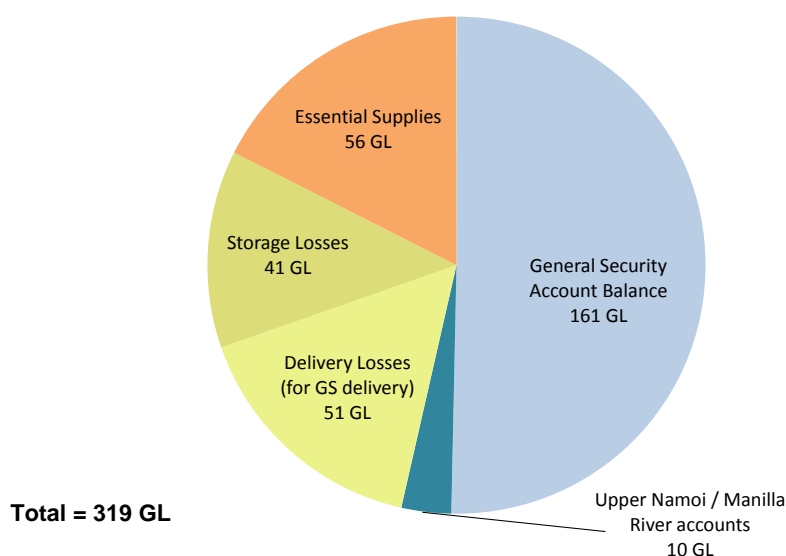
Information on Available Water Determinations and water sharing plans is available on the DPI Water website - [www.water.nsw.gov.au](http://www.water.nsw.gov.au)

## Namoi Resource Assessment Data Sheet

Resource Distribution (as at 14 September 2016) for 2016-17	
	Volume (GL)
Available Resource <sup>(1)</sup>	319.71
<b>less</b>	
Storage Losses <sup>(2)</sup>	41.10
Essential Supplies <sup>(3)</sup>	56 (100%)
General Security Account Balance	160.92
Upper Namoi/Manilla River accounts	10.32 <sup>4</sup> (100%)
Delivery Loss Account	51.37 (30% of GS)

\*See notes below.

## Resource Distribution 15 Sep 2016 to 30 Jun 2017 Namoi Valley



### Notes:

- (1) Available Resource (319 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: 31 August 2016
- Current Assessment date: 14 September 2016

<b>Storage volume</b>	<b>Committed Volume (GL)</b>	<b>Remaining Storage Balance (GL)</b>
Total (Split Rock plus Keepit)		329.42
Dead storage	9.70	319.72
Storage Loss Committed (projected 2 years)	34.06	285.65

<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	-0.24	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	55.76	229.89

<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	219.57

<b>General Security (D/S Keepit)</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	110.33	
Orders since assessment period	0.00	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi)	0.00	
Current balance	110.33	109.24

<b>Delivery Loss</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	36.20	
Apparent losses since last assessment	0.00	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	36.19	73.05

<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>73.05</b>

<b>New balances</b>	<b>Limit</b>	<b>Commitments</b>		<b>Balance</b>
		Current	Additional	
		GL	GL	
Storage Loss	41.10	34.06	7.04	41.10
Essential Supplies	56.00	55.76	0.24	56.00
Upper Namoi / Manilla River	9.81	10.32	0.00	10.32
Delivery Loss	150.94	36.19	15.18	51.37
General Security Irrigation	493.40	110.33	50.59	160.92
Uncommitted resources	-	73.05	-73.05	0.00
Total	-	319.72	0.00	319.71

<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	50.59	GL
Available Water Determination	0.2072	ML per unit share