



8 March 2016

## Namoi Valley:

### Water availability and allocation update - February 2016

#### Allocations

There is **no increase** in allocation for Namoi regulated river general security water users available at this time.

	High Security	General Security
Upper Namoi valley	100%	60%
Lower Namoi valley	100%	0%

#### Key facts

- Essential supplies are secure for 2016/17.
- Drought contingency measures will continue into 2016/17 water year and deliveries will continue to be tailored to meet essential supplies.
- Normal water delivery for the Lower Namoi general security water users remains suspended and will not resume until conditions improve significantly.
- Isolated rainfall in early February at Walgett and the Lower Pain creek catchment produced access to some small but useful volume of supplementary water to a small group of customers.

#### Dam levels (end February)

Due to above average temperatures and little or no rain across catchments, inflow to storages has been minimal. Both Namoi storages remain at critically low levels.

- Split Rock Dam is 6 per cent full, holding 26 GL.
- Keepit Dam is 11 per cent full, holding 54 GL.
- The combined storage volume is very low at around 80 GL.

#### Seasonal Rainfall Outlook

- The latest Bureau of Meteorology's (BOM) seasonal outlook for autumn (March to May) indicates above average rainfall across most of the catchment. Summer-like temperatures are expected to continue into March with a possible warm autumn.
- The current outlook reflects a combination of a weakening El Niño, very warm Indian Ocean temperatures and warm sea surface temperatures near Australia.

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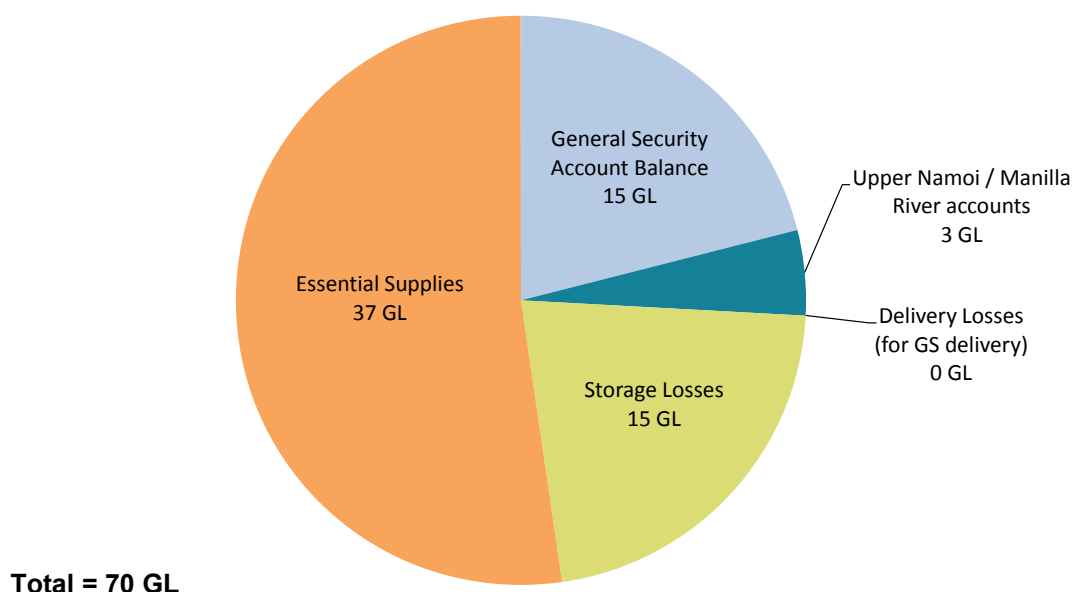
[www.water.nsw.gov.au](http://www.water.nsw.gov.au)

## Namoi Resource Assessment Data Sheet

Resource Distribution (as at 1 March 2016) for 2015-16	
	Volume (GL)
Available Resource <sup>(1)</sup>	70.47
<b>less</b>	
Storage Losses <sup>(2)</sup>	15.39
Essential Supplies <sup>(3)</sup>	36.87 (66% full)
General Security Account Balance	14.82
Upper Namoi/Manilla River accounts	3.40
Delivery Loss Account <sup>(4)</sup>	0.00
New Allocation from this Assessment	Nil

\*See notes below.

### Resource Distribution Mar 2016 to Jun 2016 Namoi Valley



#### Notes:

- (1) Available Resource (70 GL) – is total active storage (Split Rock & Keepit) at time of assessment.
- (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) Normally delivery loss is budgeted at 30 per cent of the volume of water allocated to general security licences. Actual losses have been much higher thereby prematurely depleting this account. Currently delivery loss is borrowed from the essential supply account, which means that improvements in water availability will first replenish the loss accounts before accruing to further general security allocation.

## Namoi resource assessment

- Previous Assessment date: 31 January 2016
- Current Assessment date: 29 February 2016

<b>Storage volume</b>	<b>Committed Volume (GL)</b>	<b>Remaining Storage Balance (GL)</b>
Total (Split Rock plus Keepit)		80.17
Dead storage	9.70	70.47
Storage Loss Committed (projected 2 years)	15.82	54.66

<b>Essential Supplies</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	37.82	
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	37.41	17.24

<b>Upper Namoi/Manilla Rivers</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	4.00	
Ordered since last assessment	-0.61	
Allocation Assignments from Upper Namoi to Lower Namoi	0.00	
Current balance	3.40	13.85

<b>General Security (D/S Keepit)</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	15.02	
Orders since assessment period	-0.20	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi)	0.00	

<b>General Security (D/S Keepit)</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Current balance	14.82	-0.97

<b>Delivery Loss</b>	<b>Committed Volume (GL)</b>	<b>Remaining Balance (GL)</b>
Brought forward	0.00	
Apparent losses since last assessment	-0.20	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	0.00	-0.97

<b>Apparent Losses since last assessment</b>	<b>% of loss</b>	<b>GL</b>
Total		0.30
Essential Supply Loss	34%	0.10
General Security Loss	66%	0.20

<b>Resources available for sharing</b>	<b>GL</b>
Total	<b>-0.97</b>

<b>New balances</b>	<b>Limit</b>	<b>Commitments</b>		<b>Balance</b>
		<b>Current</b>	<b>Additional</b>	
		GL	GL	
Storage Loss	15.39	15.82	-0.43	15.39
Essential Supplies	56.00	37.41	-0.54	36.87
Upper Namoi / Manilla River	9.69	3.40	0.00	3.40
Delivery Loss	150.94	0.00	0.00	0.00
General Security Irrigation	493.40	14.82	0.00	14.82
Uncommitted resources	-	-0.97	0.97	0.00
Total	-	70.47	0.00	70.47

<b>Recommendations Upper Namoi (General Security)</b>	<b>Value</b>	<b>Unit</b>
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<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