



5 August 2016

Namoi Valley

Water allocation update – to end July 2016

Allocations

Lower Namoi general security allocation has **increased from zero to 8 per cent** of entitlement. This is due mainly to good inflows into Keepit Dam in recent weeks.

	High Security	General Security
Upper Namoi valley	100%	60%
Lower Namoi valley	100%	8%

Key facts

- Keepit Dam has increased from a low of 16 per cent up to 27 per cent of capacity during July.
- Split Rock Dam level remains low at 6 per cent.
- After a long period of dry conditions, overall water availability in the Namoi Valley is improving and under-pinning this first general security allocation since August 2013.
- In the unlikely event that the valley returns to dry conditions, block release strategies will again be used to efficiently deliver water this year.

Dam levels (end of July)

The current combined active storage volume in Split Rock and Keepit Dams is about 135 GL, compared to 72 GL at the same time last year. At end July, Split Rock Dam is around 6 per cent full, holding 27 GL, and Keepit Dam is 27 per cent full, rising, holding 119 GL.

Seasonal rainfall outlook

The Bureau of Meteorology (BoM) seasonal outlook continues to indicate likely (about 50 to 60 per cent chance) of at least average rainfall conditions continuing across the Namoi catchment over the three months to October 2016. Cooler days are also likely.

Although La Niña conditions remain possible, the BoM indicates that the majority of model outlooks are maintaining neutral values throughout the remainder of winter and spring.

Sea surface temperatures in the Indian Ocean show a strong negative Indian Ocean Dipole (IOD), and climate models indicate it will persist through to the end of spring. A negative IOD often results in greater than average winter-spring rainfall and cooler than average day time temperatures over south-eastern Australia.

Media contact: James Muddle M 0407 103 507

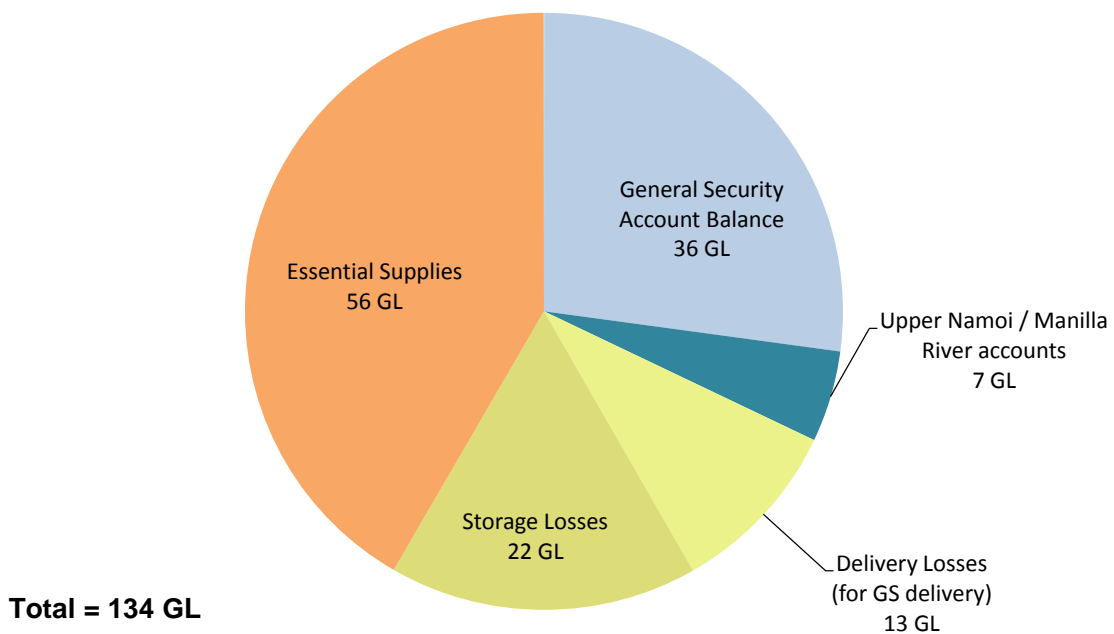
www.water.nsw.gov.au

Namoi Resource Assessment Data Sheet

Resource Distribution (as at 1 August 2016) for 2016-17	
	Volume (GL)
Available Resource ⁽¹⁾	134.50
less	
Storage Losses ⁽²⁾	22.41
Essential Supplies ⁽³⁾	56.00 (100% full)
General Security Account Balance	36.52
Upper Namoi/Manilla River accounts	6.63
Delivery Loss Account	12.94

*See notes below.

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



Notes:

- (1) Available Resource (134 GL) – total active storage (Split Rock & Keepit Dams) 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 Gunidgega/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.

Namoi resource assessment

- Previous Assessment date: 30 June 2016
- Current Assessment date: 31 July 2016

Storage volume	Committed Volume (GL)	Remaining Storage Balance (GL)
Total (Split Rock plus Keepit)		144.21
Dead storage	9.70	134.51
Storage Loss Committed (projected 2 years)	17.43	117.08

Essential Supplies	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	50.37	
Used and associated loss since last assessment	-0.62	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	49.75	67.32

Upper Namoi/Manilla Rivers	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	6.66	
Ordered since last assessment	-0.03	
Allocation Assignments from Upper Namoi to Lower Namoi	0.00	
Current balance	6.63	60.69

General Security (D/S Keepit)	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	14.60	
Orders since assessment period	-0.04	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi)	0.00	
Current balance	14.56	46.13

Delivery Loss	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	0.10	
Apparent losses since last assessment	0.00	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	0.10	46.03

Apparent Losses since last assessment	% of loss	GL
Total		0.00
Essential Supply Loss	90%	0.00
General Security Loss	10%	0.00

Resources available for sharing	GL
Total	46.03

New balances	Limit	Commitments		Balance
		Current	Additional	
		GL	GL	
Storage Loss	22.41	17.43	4.98	22.41
Essential Supplies	56.00	49.75	6.25	56.00
Upper Namoi / Manilla River	9.81	6.63	0.00	6.63
Delivery Loss	150.94	0.10	12.84	12.94
General Security Irrigation	493.40	14.56	21.96	36.52
Uncommitted resources	-	46.03	-46.03	0.00
Total	-	134.51	0.00	134.51

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

Recommendations Lower Namoi (General Security)	Value	Unit
Incremental Increase CREDITED	21.96	GL
Available Water Determination	0.0811	ML per unit share