

Namoi Valley

Water allocation update

Allocations

There has been no material improvement in resource availability in the past month to support an allocation increase. **The Lower Namoi general security allocation therefore remains unchanged at 7.08 per cent of entitlement.** Hot and dry weather persisted across the Namoi valley in September, with little or no rain recorded across upper catchment areas.

All other licence categories in the Lower and Upper Namoi valleys have already received their maximum allocation for the 2017/18 water year.

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

Dam levels (as at 9 October)

- Keepit Dam is 62 per cent full – falling – holding 265,200 megalitres (ML), compared to 88 per cent full at the same time last year.
- Split Rock Dam is 30 per cent full – steady – holding 120,400 ML, compared to 28 per cent full at the same time last year.

Key facts

- Persistent hot and dry weather over the past month has led to continued high demand for water and relatively high system losses across the valley.
- Critical supplies are secure for 2017/18 and 2018/19.
- A return to block releases is not currently expected, however; such strategies, including a bulk water transfer from Split Rock to Keepit Dam to supply Lower Namoi demand, will continue to be considered if dry conditions extend into 2018/19.

Seasonal rainfall outlook

The Bureau of Meteorology's three month seasonal outlook for October to December indicates generally average rainfall conditions are likely in the valley, with October likely to be wetter than average. Average temperatures are generally likely overall throughout the three months, with below average temperatures likely in October, particularly in western parts of the valley.

Climate influences include a drier signal from the Indian Ocean, counteracted by a wetter influence from the Pacific. This means equal chances of wetter or drier than average conditions across Australia for the three months.

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www.water.nsw.gov.au

Further information

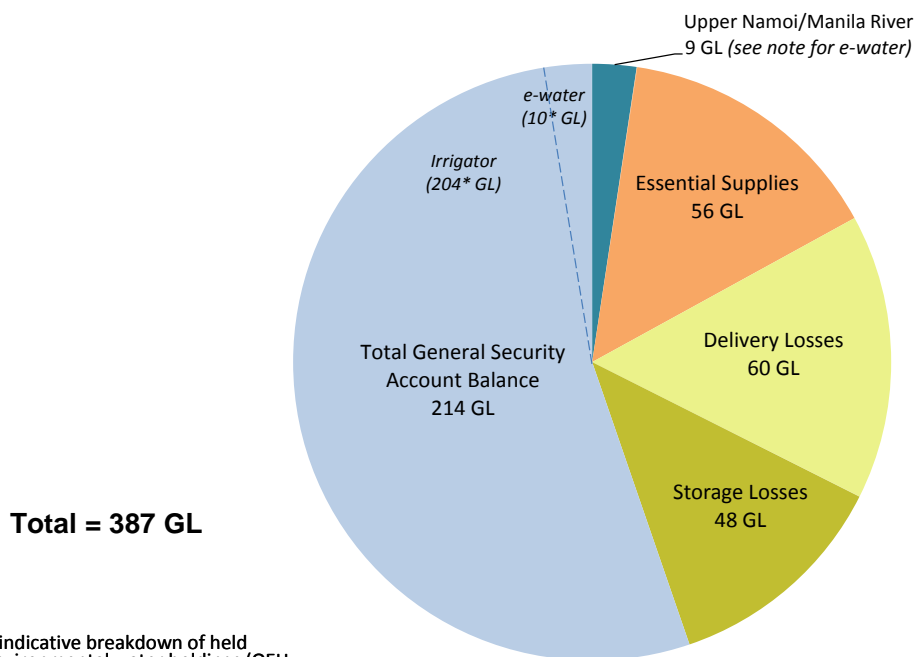
The next allocation announcement for the Namoi regulated river water source will be on **Tuesday 7 November 2017**. Information on Available Water Determinations and water sharing plans is available on the DPI Water website - www.water.nsw.gov.au

Namoi Resource Assessment Data Sheet

Resource Distribution (as at 30 September 2017)	
	Volume (GL)
Available Resource ⁽¹⁾	387.15
less	
Storage Losses ⁽²⁾	47.54
Essential Supplies ⁽³⁾	56.39
General Security Account Balance ⁽⁴⁾	214.02
Upper Namoi/Manilla River accounts ⁽⁴⁾	9.36
Peel Trade Account ⁽⁵⁾	0.00
Delivery Loss Account	59.83

****See notes below.**

**Resource Distribution as at 30 September 2017
Namoi Valley**



* indicative breakdown of held environmental water holdings (OEH, CEWH), refer to note.

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, general security account water administered by environmental water holders is identified in the above pie chart. This reporting of held environmental water is indicative only and, prior to reconciliation of usage and net trade, is estimated to be about 10 GL in the Lower Namoi and 0.11 GL in the Upper Namoi. These entitlements are held and/or managed either singly or jointly by various environmental water holder groups, including the NSW Office of Environment and Heritage (OEH) and the Commonwealth Environmental Water Holder (CEWH). Interested parties should refer to individual Agency websites for more detailed information on held environmental holdings.
- (5) Peel Trade Account: the Peel water sharing plan, at Clause 86(4), provides for limited allocation assignment (temporary trade) 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 to support trade from the Peel valley. The trade account balance reduces as trade water is released from storage. The account increases with increases to Lower Namoi general security allocation. The current account balance is 0 ML.

Namoi resource assessment

- Previous Assessment date: 31 August 2017
- Current Assessment date: 30 September 2017

Storage volume	Committed Volume (GL)	Remaining Storage Balance (GL)
Total (Split Rock plus Keepit)		396.85
Dead storage	9.70	387.15
Storage Loss Committed - projected 2 years (brought forward)	48.88	338.27

Essential Supplies	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	59.53	
Used and associated loss since last assessment	-1.38	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	58.15	280.12

Upper Namoi/Manilla Rivers	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	10.57	
Ordered since last assessment	-0.70	
Allocation Assignments from Upper Namoi to Lower Namoi	-0.51	
Current balance	9.36	270.75

General Security (D/S Keepit)	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	217.53	
Orders since assessment period	-4.02	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi & Peel Trade)	0.51	
Current balance	214.02	56.73

Peel Trade Account	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	0.00	
Trade to general security since last assessment	0.00	
Current balance	0.00	56.74

Delivery Loss	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	68.43	
Apparent losses since last assessment	-8.60	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	59.83	-3.10

Apparent Losses since last assessment	% of loss	GL
Total		9.48
Essential Supply Loss	9%	0.89
General Security Loss	91%	8.60

Resources available for sharing	GL
Total	-3.10

New balances	Limit	Commitments		Balance
		Current	Additional	
		GL	GL	
Storage Loss	47.55	48.88	-1.34	47.54
Essential Supplies	67.20	58.15	-1.76	56.39
Upper Namoi / Manilla River	10.90	9.36	0.00	9.36
Delivery Loss	150.94	59.83	0.00	59.83
General Security Irrigation	493.40	214.02	0.00	214.02
Peel Trade Account	0.00	0.00	0.00	0.00
Uncommitted resources	-	-3.10	3.10	0.00
Total	-	387.15	0.00	387.15

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	0.00	GL
Available Water Determination	0.0000	ML per unit share