

Namoi Valley

Water allocation update

Allocations

The general security allocation in Lower Namoi regulated river water source remains **unchanged at 7.08 per cent of entitlement**.

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 6 December)

- Keepit Dam is 52 per cent full – steady – holding 225,000 megalitres (ML).
- Split Rock Dam is 29 per cent full – steady – holding 118,000 ML.

Key facts

- Keepit Dam releases are steady (~1000 megalitres per day), to meet rising downstream irrigation orders.
- Delivery losses are high due to elevated temperatures and generally dry catchments.
- A Bulk Water Transfer (Split Rock Dam to Keepit Dam) is being planned to begin in January 2018.
- Critical supplies are secure for 2017/18 and 2018/19.

Seasonal rainfall outlook

The Bureau of Meteorology's three-month seasonal outlook for December to February indicates no clear wetter or drier trend in the valleys. Average temperatures are also likely over this period.

The Bureau's El Niño-Southern Oscillation (ENSO) outlook has been raised to LA NIÑA, as the Tropical Pacific Ocean has reached La Niña thresholds. However, forecasting models suggest that Australia is unlikely to experience the increased wetter conditions seen often with La Niña events.

Further information

The next allocation announcement for the Namoi regulated river water source will be issued on **Wednesday 10 January 2018**. Information on Available Water Determinations and water sharing plans is available on the Department of Industry – Water website - www.water.nsw.gov.au

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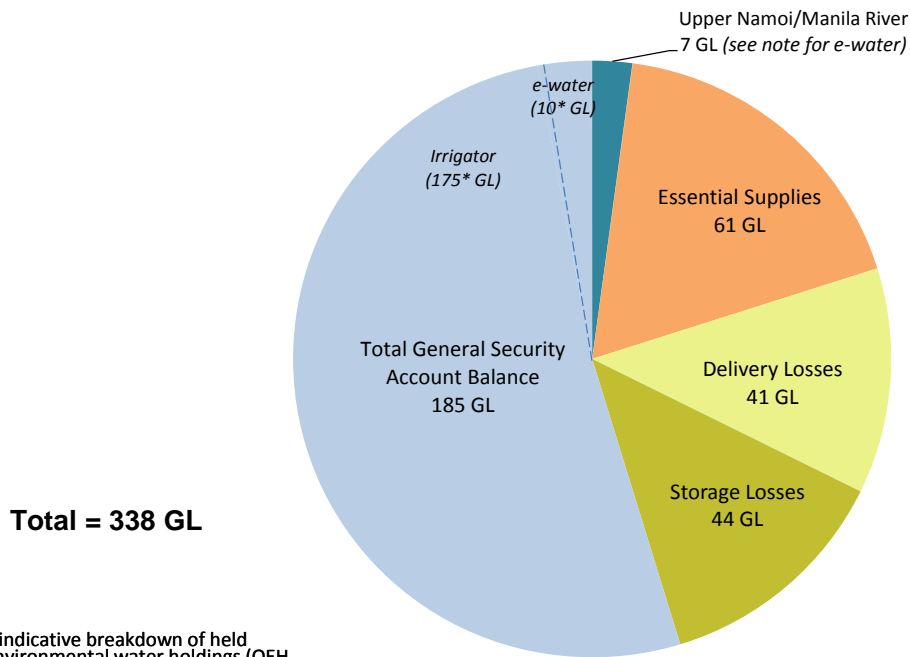
www.water.nsw.gov.au

Namoi Resource Assessment Data Sheet

Resource Distribution (as at 30 November 2017)	
	Volume (GL)
Available Resource ⁽¹⁾	338.54
less	
Storage Losses ⁽²⁾	43.75
Essential Supplies ⁽³⁾	60.63
General Security Account Balance ⁽⁴⁾	185.38
Upper Namoi/Manilla River accounts ⁽⁴⁾	7.39
Peel Trade Account ⁽⁵⁾	0.00
Delivery Loss Account	41.39

****See notes below.**

**Resource Distribution as at 30 November 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, estimated to be about 10 GL in the Lower Namoi and 0.11 GL in the Upper Namoi. 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 up to a maximum of 6,000 ML, 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 zero (0) ML meaning all available trade water has been delivered.

Namoi resource assessment

- Previous Assessment date: 31 October 2017
- Current Assessment date: 30 November 2017

Storage volume	Committed Volume (GL)	Remaining Storage Balance (GL)
Total (Split Rock plus Keepit)		348.22
Dead storage	9.70	338.52
Storage Loss Committed - projected 2 years (brought forward)	45.89	292.63

Essential Supplies	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	62.15	
Used and associated loss since last assessment	-1.86	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	60.29	232.34

Upper Namoi/Manilla Rivers	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	8.83	
Ordered since last assessment	-0.48	
Allocation Assignments from Upper Namoi to Lower Namoi	-0.96	
Current balance	7.39	224.95

General Security (D/S Keepit)	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	196.25	
Orders since assessment period	-11.83	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi & Peel Trade)	0.96	
Current balance	185.38	39.57

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	39.57

Delivery Loss	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	52.41	
Apparent losses since last assessment	-11.03	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	41.39	-1.81

Apparent Losses since last assessment	% of loss	GL
Total		11.91
Essential Supply Loss	7%	0.88
General Security Loss	93%	11.03

Resources available for sharing	GL
Total	-1.81

New balances	Limit	Commitments		Balance
		Current	Additional	
		GL	GL	
Storage Loss	43.76	45.89	-2.14	43.75
Essential Supplies	67.20	60.29	0.34	60.63
Upper Namoi / Manilla River	10.90	7.39	0.00	7.39
Delivery Loss	150.94	41.39	0.00	41.39
General Security Irrigation	493.40	185.38	0.00	185.38
Peel Trade Account	0.00	0.00	0.00	0.00
Uncommitted resources	-	-1.81	1.81	0.00
Total	-	338.52	0.01	338.54

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