

Namoi Valley

Water allocation update

Allocations

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 November)

- Keepit Dam is 58 per cent full – falling – holding 250,000 megalitres (ML), compared to 97 per cent full at the same time last year.
- Split Rock Dam is 29 per cent full – steady – holding 119,000 ML, compared to 31 per cent full at the same time last year.

Key facts

- Minor increase to Essential Supplies account ensures improved deliverability in coming months.
- Keepit Dam releases are steady, meeting irrigation demand. Releases are likely to rise towards the end of the month to meet increased irrigation orders along the western parts of the system.
- Recent and forecast conditions are wetter than previously (conservatively) estimated; therefore, the planned Bulk Water Transfer from Split Rock to Keepit Dam in late December and January 2018 is likely to be smaller than initially planned.
- Critical supplies are secure for 2017/18 and 2018/19.

Seasonal rainfall outlook

The Bureau of Meteorology's three month seasonal outlook for November to January indicates equal chance of being wetter or drier than average. Average temperatures are likely over this period, with November daytime temperatures a bit warmer than average.

While the Pacific Ocean is likely to continue cooling towards La Niña levels over the coming months, the ocean warmth that typically appears to the north of Australia and in the eastern Indian Ocean during La Niña seems unlikely to develop. This means that Australia may not receive widespread heavy rainfall that is often seen with La Niña events.

Further information

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

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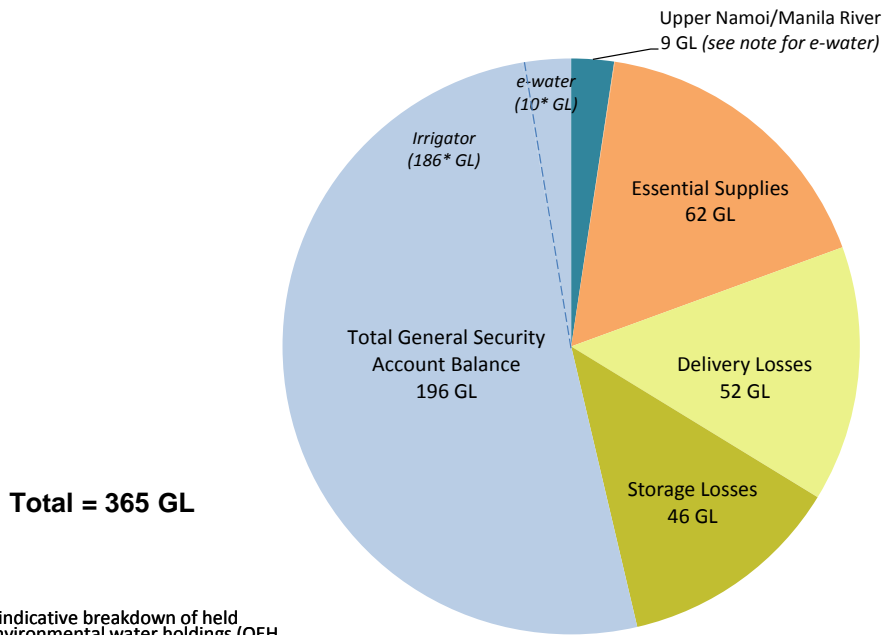
www.water.nsw.gov.au

Namoi Resource Assessment Data Sheet

Resource Distribution (as at 31 October 2017)	
	Volume (GL)
Available Resource ⁽¹⁾	365.53
less	
Storage Losses ⁽²⁾	45.89
Essential Supplies ⁽³⁾	62.15
General Security Account Balance ⁽⁴⁾	196.25
Upper Namoi/Manilla River accounts ⁽⁴⁾	8.83
Peel Trade Account ⁽⁵⁾	0.00
Delivery Loss Account	52.41

****See notes below.**

**Resource Distribution as at 31 October 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 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.

Namoi resource assessment

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

Storage volume	Committed Volume (GL)	Remaining Storage Balance (GL)
Total (Split Rock plus Keepit)		375.23
Dead storage	9.70	365.53
Storage Loss Committed - projected 2 years (brought forward)	47.54	317.99

Essential Supplies	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	56.39	
Used and associated loss since last assessment	-0.45	
Allocation Assignments from High Security to General Security	0.00	
Transfer to General Security delivery loss account	0.00	
Current balance	55.94	262.05

Upper Namoi/Manilla Rivers	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	9.36	
Ordered since last assessment	-0.07	
Allocation Assignments from Upper Namoi to Lower Namoi	-0.46	
Current balance	8.83	253.22

General Security (D/S Keepit)	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	214.02	
Orders since assessment period	-18.23	
Allocation Assignments into Lower Namoi (from HS & Upper Namoi & Peel Trade)	0.46	
Current balance	196.25	56.97

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	56.97

Delivery Loss	Committed Volume (GL)	Remaining Balance (GL)
Brought forward	59.83	
Apparent losses since last assessment	-7.42	
Credit from Essential Supplies (for Allocation Assignments to GS)	0.00	
Current balance	52.41	4.56

Apparent Losses since last assessment	% of loss	GL
Total		7.55
Essential Supply Loss	2%	0.13
General Security Loss	98%	7.42

Resources available for sharing	GL
Total	4.56

New balances	Limit	Commitments		Balance
		Current	Additional	
		GL	GL	
Storage Loss	45.90	47.54	-1.65	45.89
Essential Supplies	67.20	55.94	6.21	62.15
Upper Namoi / Manilla River	10.90	8.83	0.00	8.83
Delivery Loss	150.94	52.41	0.00	52.41
General Security Irrigation	493.40	196.25	0.00	196.25
Peel Trade Account	0.00	0.00	0.00	0.00
Uncommitted resources	-	4.56	-4.56	0.00
Total	-	365.53	0.00	365.53

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