



7 December 2015

Gwydir

Water availability and allocation update November 2015

Allocations

There is **no increase** in Gwydir general security allocations available at this time.

Current allocations are as follows:

	High Security	General Security
Gwydir valley	100%	5.28%

Key facts

- The sum of general security available water determination remains at 5.28 per cent of entitlement for the 2015/16 water year.
- All other higher priority licences have already received their maximum allocations for the 2015-16 water-year on 1 July 2015.
- Water user groups in effluent streams will continue to be consulted with regards to targeted deliveries to ensure priority needs can be met despite drought conditions.

Dam levels

- Copeton Dam is currently 22 per cent full and now falling slowly, holding around 312,000 megalitres. It reached a low in late-March 2015 of 250,500 megalitres.
- Recent inflows to Copeton storage have been modest, with the storage gaining almost 5,000 megalitres in November.
- Almost 68,000 megalitres of total inflow has been received in the last five months from July to November.

Outlook

- Further general security allocation will depend on the arrival of useable future inflows.
- The latest Bureau of Meteorology's (BOM) seasonal outlook for December to February indicates a good chance of average rainfall conditions across most of the region. Average temperatures are also likely during these months.
- Current climate influences include a combination of a strong El Niño in the Pacific, a decaying positive Indian Ocean Dipole, and very warm Indian Ocean temperatures.

Media contact: Bunty Driver M 0407 403234

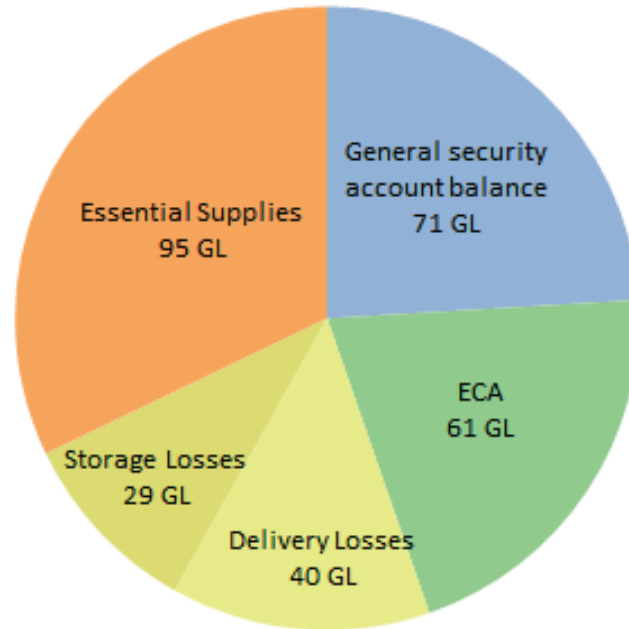
www.water.nsw.gov.au

Gwydir Resource Assessment Data Sheet

Resource Distribution (as at 1 December) for 2015/16 & 2016/17	
	Volume (GL)
Available Resource ⁽¹⁾	294.73
less	
Storage Losses ⁽²⁾	28.66
Essential Supplies ⁽³⁾	94.72 (100% full)
ECA	60.77 (68% full)
Delivery Losses ⁽⁴⁾	39.66
General Security Account Balance	70.92
New Allocation from this Assessment	Nil

**See notes below*

Allocation Distribution 2015/16 & 2016/17 Gwydir Valley - 1 December 2015



Total = 295 GL

Note: Data is for the 1st to the 30th of November 2015 period

Notes:

- (1) Available Resource (295 GL) – is total active storage at Copeton Dam at time 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 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) The delivery loss budget is 30 per cent of the volume of water allocated to general security licences and ECA. Currently, 30 per cent of allocated water GS (71 GL) plus ECA (61 GL) is 39.6 GL for delivery losses.