

31 March 2017

## Bega-Brogo Valley

### Water allocation update – March 2017

#### Allocations

Bega-Brogo regulated river general security allocation **has increased by 30 percent to 70 per cent of entitlement.**

At the commencement of this water year (1 July 2016) full allocation was announced for local water utilities, stock and domestic, as well as high security access license entitlements. General security allocations commenced the year with 40 per cent of entitlement.

Demand for stored water has been relatively low this year and is expected to remain low for the remainder of the current water year.

This, coupled with significant coastal rainfall in early March, has seen Brogo Dam restored to full storage conditions after levels fell during summer. This means water allocations for general security license holders can increase by 30 per cent to reach 70 per cent of entitlement.

	High Security	General Security
Bega-Brogo valley	100%	70%

#### Dam level (as at 29 March)

- Brogo Dam is 102 per cent full – spilling - holding 9,122 megalitres (ML).
- This time last year the storage was 100 per cent full.

#### Climate outlook

According to the Bureau of Meteorology, April is more likely to have average to slightly above average rainfall and below average daytime temperatures in the valley. Autumn months are forecast in the valley to be average to slightly below average rainfall and average to slightly above average temperatures.

Although the El Niño–Southern Oscillation (ENSO) remains neutral, climate models suggest El Niño conditions are likely to develop during winter, in line with most international climate analysis surveyed by the Bureau. The Bureau notes caution should be exercised as models have lower accuracy at this time of year in forecasting El Niño.

El Niño is often, but not always, associated with below average winter–spring rainfall over eastern Australia and warmer than average winter–spring maximum temperatures over the southern half of Australia.

#### Next announcement

The opening allocation for the 2017-18 water-year will be announced on **Monday 3 July 2017**. However, conditions will continue to be closely monitored.

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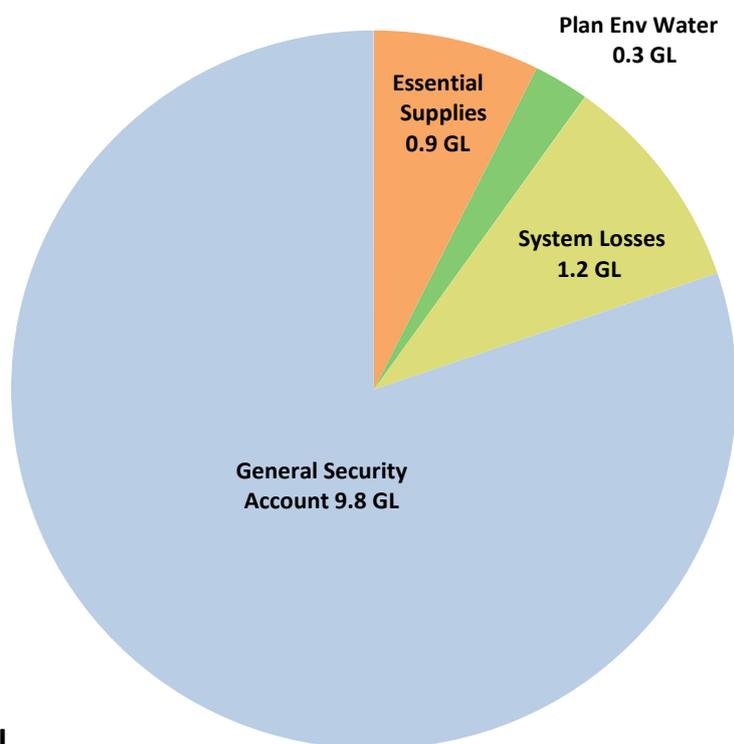
[www.water.nsw.gov.au](http://www.water.nsw.gov.au)

## Bega-Brogo Resource Assessment Data Sheet

Resource Distribution as at 5 March 2017	
	Volume (GL)
Total Available Resource <sup>(1)</sup>	12.2
<b>less</b>	
Essential Supplies <sup>(2)</sup>	0.9
Planned Environmental Water <sup>(3)</sup>	0.3
System Losses <sup>(4)</sup>	1.2
General Security Account Balance	9.8

\*See notes below.

### Resource Distribution as at 5 March 2017 Bega-Brogo Valley



**Total = 12.2 GL**

#### Notes:

- (1) Total Available Resource: current active storage at Brogo Dam plus the future minimum storage inflows and usable downstream tributary inflows.
- (2) Essential Supplies: water required to be set aside under the water sharing plan to provide for Town Water Supply, Industrial, High Security Entitlements, Supply Contingency Allowance, High Security Environmental Commitments, Stock and Domestic supplies, Replenishments, Research, Minimum Storage Releases, End of System Target and Storage Reserve.
- (3) Planned Environmental Water: is the volume required for transparent releases from Brogo Dam.
- (4) System Losses: is the volume reserved for storage evaporation losses plus transmission losses plus operational losses.