

17 May 2022

Bega-Brogo Regulated River Water Source

Water allocation update

General security allocations remain unchanged in the Bega-Brogo regulated river water source. Total general security allocation for 2021/22 remains at 50% of entitlement.

The Bega-Brogo catchment has experienced above average rainfall conditions over this water year. As a result, Brogo Dam remains full, with inflows and surcharge volume being released. Little use of general security account water has occurred this water year.

Brogo Dam capacity is small, relative to the total demand in the water source. Hence, the full storage cannot provide a full allocation to general security users.

However, water access by general security water users has not been limited by the allocation because they have been able to take from unregulated flows. There has been little use of allocated water. Regulated release and usage of allocated water from Brogo Dam is required to create airspace which then, if refilled with new inflows, allows for more water to be allocated.

All other licence categories in this regulated river water source have received their maximum allocation for the 2021/22 water year.

Resource outlook for 2022/23

- Water for all critical consumptive and non-consumptive needs including local water utility, are secure for the 2022/23 water year.
- High priority water access licence holders, including **local water utility, stock and domestic** and **high security**, can expect full (100%) allocations on 1 July.
- Full allocation (100% of entitlement) can be expected for **supplementary access** entitlements, however; access to this water is subject to periods of declared supplementary flow events.
- **General security** licence holders can expect an opening allocation on 1 July 2022 of 40% of entitlement.

Dam levels (as of 16 May 2022)

Brogo Dam is currently full (102%) – spilling - holding about 9,140 megalitres (ML).

Climate outlooks

The Bureau of Meteorology's seasonal outlook for June to August indicates that rainfall is likely to be above median for the Bega-Brogo catchment. Maximum and minimum temperatures are likely to be warmer than median for the catchment during this period.

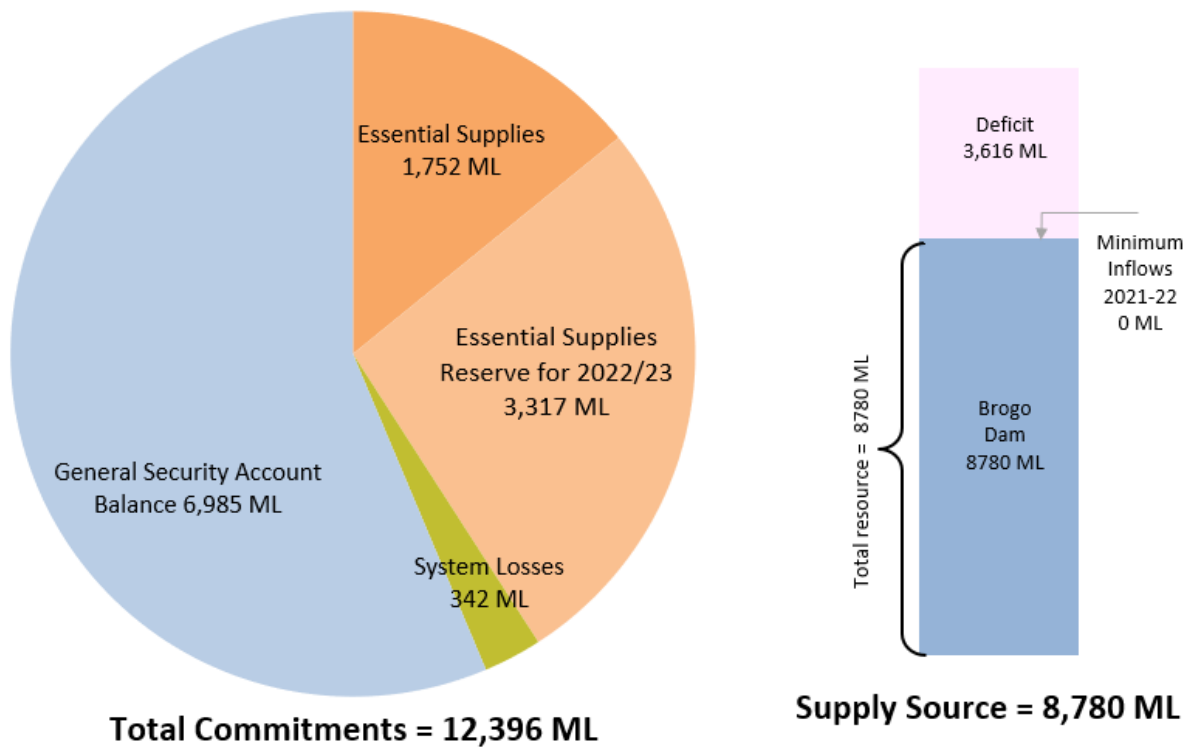
Further details at: www.bom.gov.au/climate/outlooks/#/overview/summary

Resource assessment data sheet

Resource Distribution (May 2022 to June 2023)	(ML)	(ML)
Brogo Dam active storage volume (as at 30/04/2022) ¹		8,780
Minimum storage inflows (01/05/22 to 30/06/22) ²		0
<i>Less</i>		
Basic Land Holder Rights	42	
Domestic and Stock	54	
Local Water Utility	460	
Transparent releases	750	
Minimum storage releases	33	
High Security (HS) account balance	414	
Losses (evaporation, transmission, operation) ³	342	
Essential supplies reserve for 2022-23 ⁴	3,317	
General Security (GS) account balance	6,985	
<i>Equals</i>		
Surplus (or deficit) ⁵		(3,617)

- (1) The Brogo Dam volume is capped at active full supply volume of 8,780 ML. Higher volumes of storage surcharge and spill are not counted as available resource for allocation.
- (2) May inflow is spilling and cannot be captured. Minimum inflow is budgeted from 1 June 2022 to 30 June 2022.
- (3) Storage evaporation & system transmission loss pro-rated from 1 June 2022 to 30 June 2022. No evaporation and transmission losses assumed for May 2022. Brogo Dam is spilling, and unregulated flows are covering losses.
- (4) Reserve to cover higher priority requirements and delivery loss of 2022/23 water year. This is net of 2,800 ML of minimum inflow budgeted during 2022/23.
- (5) Surplus or deficit of water after accounting for all commitments. The deficit of 3,617 ML is a notional shortfall. This will likely be met through underutilisation and socialisation of account water at the end of the year and reduced losses due to ongoing wet conditions.

**Resource Distribution May 2022
Bega-Brogo Regulated River Water Source**



Allocations in 2021/22

Date	License Category	Increment	Total 2021/22	Average Account Balance
1-Jul	Domestic & Stock	100%	100%*	100%*
1-Jul	Local Water Utility	100%	100%*	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	Supplementary	1.00	1.00*	
1-Jul	General Security	0.40	0.40	40.0%
17-Feb	General Security	0.10	0.50	50.0%

*Maximum allowed

Further information

With little change expected in water availability in this system for the remainder of the water year, the next Water Allocation Statement for the Bega-Brogo Regulated River Water Source will be published on 1 July 2022.

Information on available water determinations and water sharing plans is available on the Department of Planning and Environment website at: www.industry.nsw.gov.au/water

Feedback on this work or any aspect of the department’s service can be provided using the widget at: www.dpie.nsw.gov.au/contact