

16 February 2023

Bega-Brogo Regulated River Water Source

Water allocation update

General security allocations have increased by 10%, bringing the total allocation for the 2022/23 water year to 50% of entitlement. The increment is possible from the wet conditions this year and the lack of use of regulated water.

All other licence categories in this water source received their maximum allocations on 1 July 2022 and cannot be increased.

Brogo Dam capacity is small relative to the total entitlements in the water source and a full storage cannot provide full allocations to general security entitlements. However, general security water users may augment their access to water by taking from unregulated (uncontrolled) flows, in accordance with rules in the water sharing plan. So far this water year 1,040 megalitres (ML) of uncontrolled flow has been extracted.

Current allocations

2022/23	High Security	General Security
Bega-Brogo Regulated River Water Source	100%	50%

Dam levels (as of 15 February 2023)

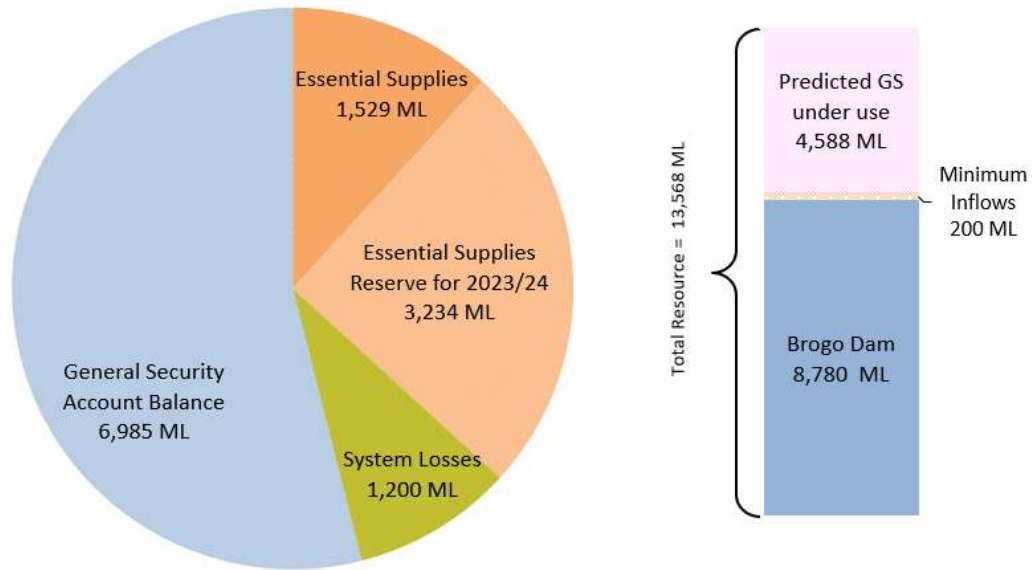
Brogo Dam is currently full (100%) and spilling, holding 9,009 ML.

Resource assessment data sheet

Resource Distribution (February 2023 to June 2024)	(ML)	(ML)
Brogo Dam active storage volume (as at 01/02/2023) ¹		8,780
Minimum storage inflows (March 2023 to June 2023) ²		200
<i>less</i>		
Basic Land Holder Rights	104	
Domestic and Stock	54	
Local Water Utility	514	
Transparent releases	375	
Minimum storage releases	83	
High Security (HS) account balance	399	
Losses (evaporation, transmission, operation) ³	1,200	
Essential supplies reserve for 2023/24 ⁴	3,234	
General Security (GS) account balance	5,588	
<i>Equals</i>		
Current resource balance		(2,571)
Predicted GS forfeiture on 30/06/23 ⁵		4,588
General security increment of 10%, this assessment	1,397	
Surplus (or deficit) by 30/6/23		620

- (1) This is the active storage volume in Brogo Dam as of 1 February 2023. Brogo Dam volume is capped at an active full supply volume of 8,780 ML. Higher volumes of storage surcharge and spill are not counted as a regulated resource available for allocation.
- (2) The minimum inflow sequence is from 1 March 2023 to 30 June 2023 given the storage is currently spilling and unable to capture February 2023 inflows.
- (3) Storage evaporation and system transmission and operation loss is pro-rated from 1 March 2023 to 30 June 2023. No evaporation, transmission or operational losses are deducted for February 2023 due to unregulated flow conditions.
- (4) Water set aside in the storage as reserve to meet system losses of 3,600 ML plus essential requirements of 2,434 ML minus 2,800 ML of minimum storage inflows for the 2023/24 water year. The essential supplies reserve includes minimum 80% High Security opening allocation and 100% all other higher priority licences.
- (5) Conservative (safe) estimate of GS usage from now to June 2023 is 1,000 ML. Hence the predicted allocated volume that will not be used by 30 June 2023, but will add system security: 5,588ML – 1,000ML = 4,588ML.

Resource Distribution February 2023
Bega-Brogo Regulated River Water Source



Total Commitments = 12,948 ML

Allocations in 2022/23

Date	License Category	Increment	Total 2022/23	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 ML/unit share	1.00 ML/unit share*	100%*
1-Jul	General Security	0.40 ML/unit share	0.40 ML/unit share	40%
15-Feb	General Security	0.10 ML/unit share	0.50 ML/unit share	50%

*Maximum allowed

Further information

The next water allocation statement for the Bega-Brogo regulated river water source, including likely 1 July 2023 allocations for 2023/24, will be published **19 May 2023**.

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

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