

15 February 2021

Bega-Brogo Regulated River Water Source


Water allocation update

General security allocation for 2020-21 remains unchanged at 40% of entitlement. All other licence categories in this regulated river water source have received their maximum allocation for the 2020-21 water year.

The Bega-Brogo catchment has experienced near average rainfall conditions since the last water allocation statement published in November 2020. Throughout this period, Brogo Dam has been full and spilling, resulting in unregulated flow conditions in the valley.

General security water usage has been very low, with rainfall and unregulated flow conditions satisfying most irrigation needs to date. The lack of water usage, coupled with a full dam, means new water cannot be captured to improve allocations.

Current allocations

| 2020-21 | High Security | General Security | Drought Stage |
|-----------------------------------------|---------------|------------------|-----------------------------------------------------------------------------------------------|
| Bega-Brogo Regulated River Water Source | 100% | 40% |  Stage 1 |

Dam levels (as at 15 February 2021)

Brogo Dam is currently full (101%) and spilling, holding about 9,080 megalitres (ML). This time last year the dam was also spilling, after recovering from a low of around 10%.

Seasonal climate outlook

The Bureau of Meteorology seasonal outlook for March to May shows wetter than average conditions for the catchment are likely. Daytime and overnight temperatures are likely to be above average.

For further details: www.bom.gov.au/climate/outlooks/#/rainfall/summary

Next announcement

Water allocation statements for the Bega-Brogo regulated river water source are usually published quarterly or when there is a significant change to the resource situation.

The next water allocation statement for the Bega-Brogo regulated river water source will be published in mid-May 2021 or earlier if water availability conditions change significantly.

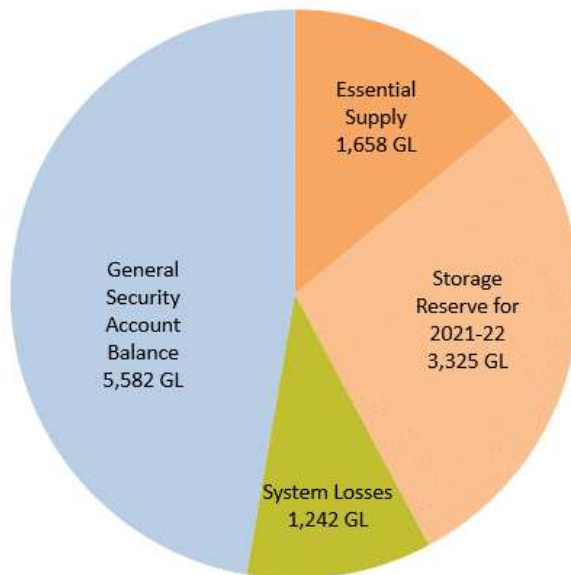
Resource assessment data sheet

| Resource Distribution 2020-21 (1 February) | (ML) | (ML) |
|------------------------------------------------------------|-------|---------|
| Brogo Dam storage volume (as at 1 February) ¹ | | 8,980 |
| Minimum storage inflows (3/21 to 6/21) ² | | 200 |
| <i>less</i> | | |
| Dead storage volume | 200 | |
| Basic Land Holder Rights | 104 | |
| Domestic and Stock | 54 | |
| Local Water Utility | 629 | |
| Transparent releases | 375 | |
| Minimum storage releases | 83 | |
| High Security (HS) account balance | 413 | |
| Losses (evaporation, transmission, operation) ³ | 1,242 | |
| Essential supplies reserve for 2021-22 ⁴ | 3,325 | |
| General Security (GS) account balance | 5,582 | |
| <i>equals</i> | | |
| Surplus (or deficit) ⁵ | | (2,827) |

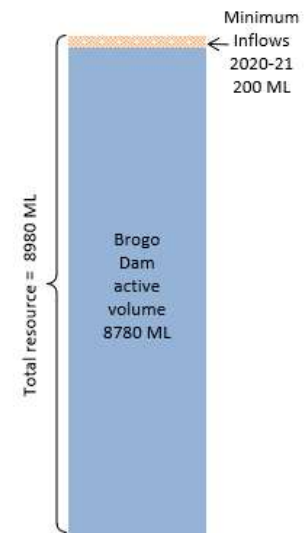
Notes:

- (1) Available Resource in the dam – this is the total storage volume in Brogo Dam as at 1 February 2021, capped at full supply volume of 8,980 ML when the dam is spilling.
- (2) Minimum forecast dam inflows (200 ML) from March 2021 to June 2021. This ignores inflows during February 2021 due to the dam spilling, as it's unable to be captured.
- (3) Storage evaporation & system transmission loss pro-rated from March 2021 to June 2021. No loss assumed for February 2021 due to the dam spilling.
- (4) Water required to be set aside in storage as reserve to meet system losses of 3,600 ML plus essential requirements of 2,525 ML minus 2,800 ML of minimum storage inflows sequence (starting 1 July 2021). That is, $(3,600 + 2,525 - 2,800) = 3,325$ ML needed to be reserved in 2020-21 for 2021-22 essential requirements & system losses. For 2022-23 no reserve is required as forecast minimum inflows are adequate to cover essential supplies and system losses.
- (5) Surplus or deficit of water after accounting for all commitments. The deficit of 2,827 ML is a notional shortfall, and based on historical usage patterns, will almost certainly be met from underutilisation of account water and some of the loss commitments being met from unregulated flows.

Resource Distribution 2020-21 (1 February 2021) Bega-Brogo Regulated River Water Source



Total Commitments = 11,807 ML



Supply Source = 8,980 ML

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