

Bundaberg Water Supply Scheme Announced Allocation Scenario Map

April 2021

Purpose

In response to customer feedback, Sunwater has prepared this announced allocation scenario map for the next water year to assist with irrigation planning in the Bundaberg Water Supply Scheme (BWSS).

Important points

- Sunwater has made every effort to realistically consider water demand, storage losses, and drawdown rates based on relevant historical data of water use and storage performance. However, it is important to note that this information is a guide and should be considered **an estimate only** due to the number of variables that must be considered.
- The Fred Haigh Dam bulk capacity share volume has been used in all scenarios as it is an important component of the scheme and the water sharing rules.
- From 1 July, Sunwater will calculate the *actual* start of water year announced allocations using the volume held in storage at the time and publish them accordingly.
- AAs are set at the start of the water year and cannot decrease as dam capacity levels reduce. Should inflows occur however, allocations can increase – to a maximum of 100 per cent.

Announced allocation scenario map

Burnett River Sub Scheme⁺

Scenario	MP	HP
No inflow (60% [#] use of available Q4 AA water)	10%	100%
No inflow (41% [*] use of available Q4 AA water)	16%	100%
Median historical drawdown from current dam level [^]	30%	100%

⁺This map incorporates the change to water sharing rules approved in March 2020 to maximise allocations during works at Paradise Dam.

[#] A 60% alternative scenario is provided to show announced allocations should customers use more than the average water use this Q4 (41%).

^{*}41% is the average Q4 water use.

[^]The median scenario is based on historical storage drawdown patterns adjusted to start from current storage level.

Kolan Sub Scheme

Scenario	MP	HP
No inflow historical drawdown from current dam level	89%	100%
Median historical drawdown from current dam level [^]	100%	100%

[^]The median scenario is based on historical storage drawdown patterns adjusted to start from current storage level.