



Australian Government

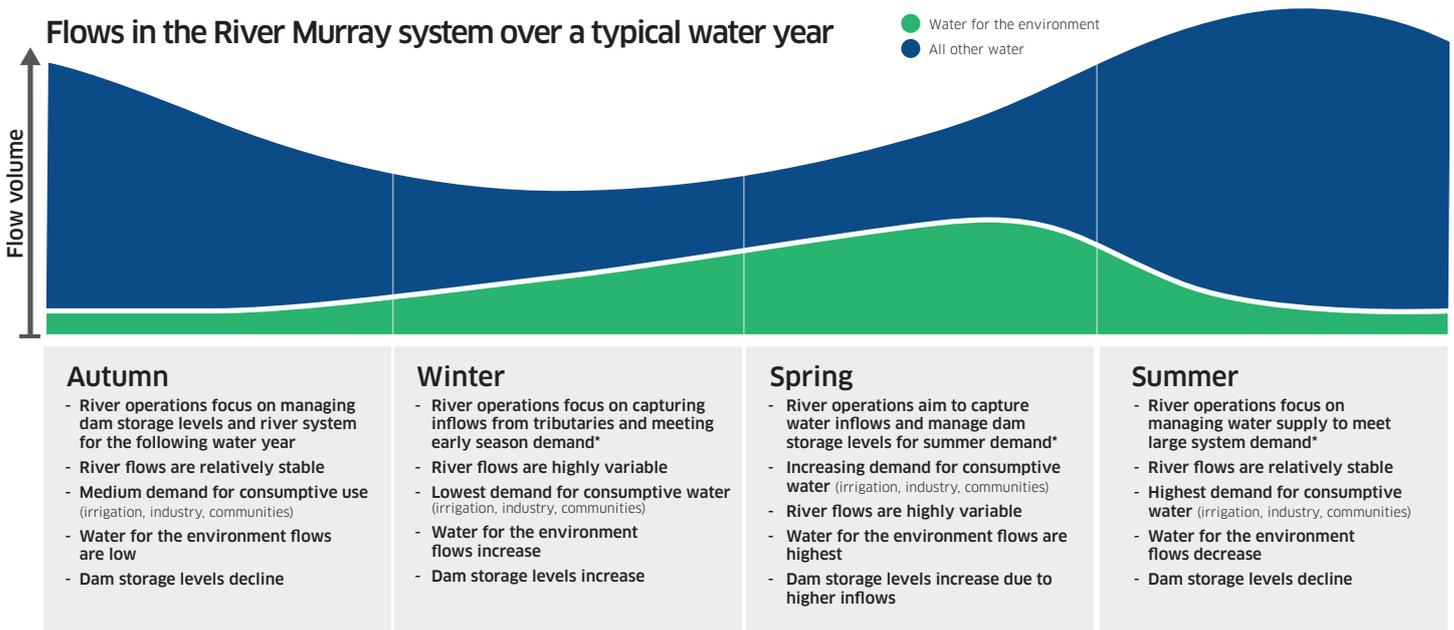


Flows in the River Murray System – July 2020

Flows in the River Murray System vary widely depending on a range of factors, including rainfall, inflows, evaporation, and demand for water for human use.

At any given time, water flowing through the river is destined for various uses, including irrigation, industry, communities, the environment, and meeting South Australia’s flow entitlement. The exact mix of these flow components is determined by demand and water availability, amongst other factors.

The graphic below is indicative of how water flow is managed throughout the seasons across a typical year.



* including meeting South Australia’s flow entitlement

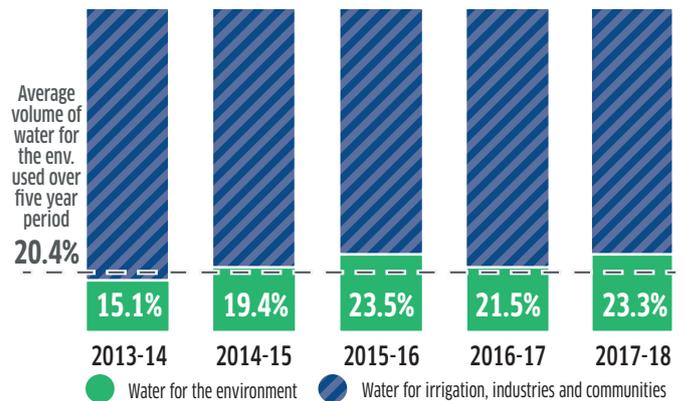
Water for the environment

Overall, water for the environment is a small percentage of the total water used in the Murray-Darling Basin.

The volume of water for the environment used over the past five years increased slightly as more water became available. The average use over this period was 20.4% of the total water used in the Basin.

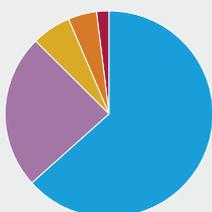
Importantly, water held for the environment uses the same entitlement framework as consumptive users. In any given year the amount of water available for delivery to key environmental sites is determined based on the same rules that apply to all other consumptive water uses.

Water for the environment is a small percentage of total water used in the Basin



Source: MDBA Annual Transitional Water Take Report

Who holds and manages water for the environment (based on entitlement volume at June 2018)

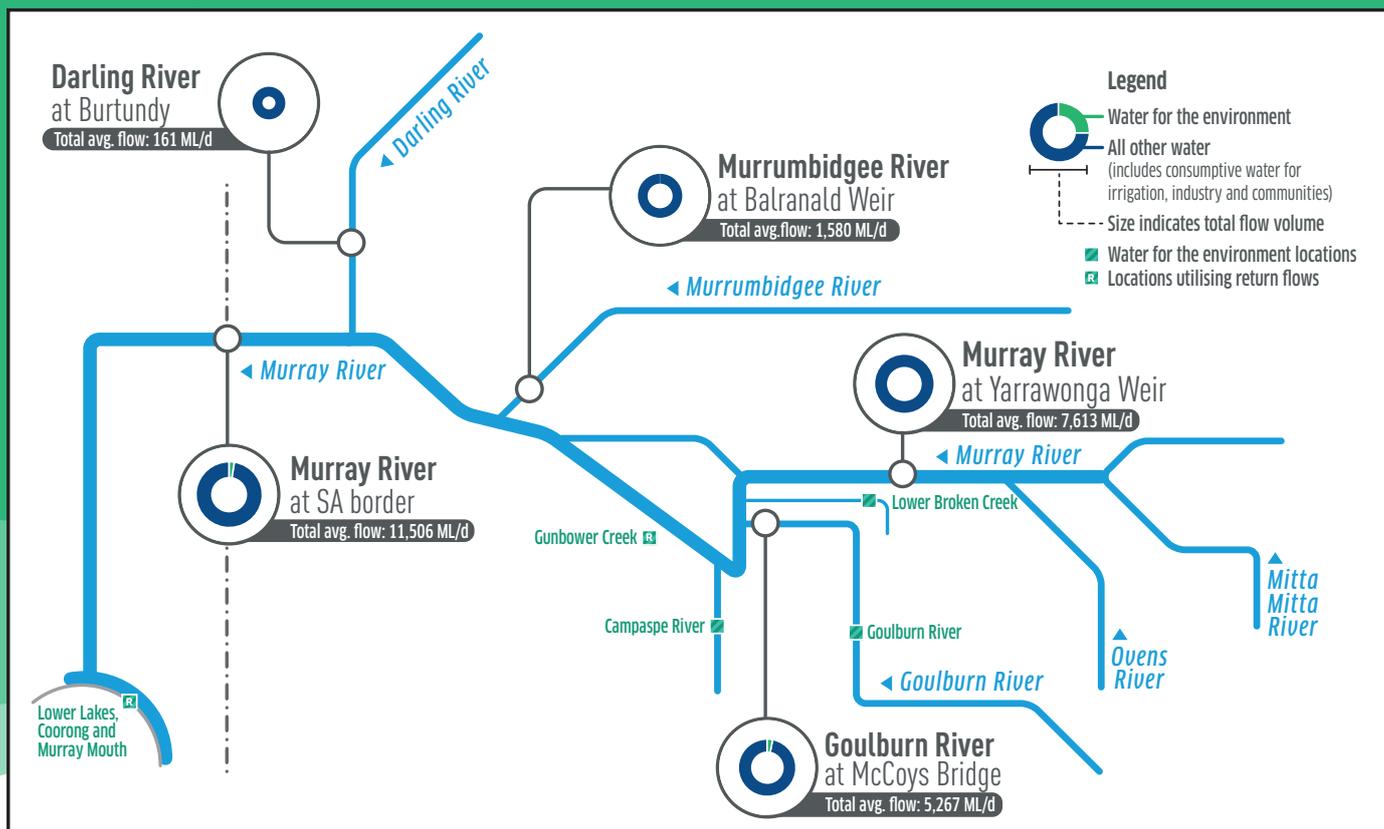


Water manager	% of total
Commonwealth Environmental Water Holder	63%
Jointly held	24%
New South Wales	6%
Victoria	5%
South Australia	2%

Source: Southern Connected Basin Environmental Watering Committee Annual Report

Flows in the River Murray System

Data for July 2020



Information in the graphic above is for the month of July 2020 and may not include recent rainfall or delivery of water for the environment in the Murray system. Information in this figure is an average estimate over the past month and formal accounts from Basin state governments may vary.

River flow information

Unregulated flows in the River Murray System over the past month have increased the average flow to South Australia above entitlement, as rainfall occurred downstream of major storages in the Upper Murray (Hume & Dartmouth) and cannot be stored in Lake Victoria.

There have been small volumes of water for the environment delivered over the past month, with all environmental return flows coming from the Victorian tributaries.

Intended environmental outcomes

- Goulburn River downstream of Eildon** – Protect and boost populations of native fish, maintain abundant and diverse waterbugs and increase water dependent plants in the river channel and banks.
- Campaspe River** – Provide habitat to help protect and increase populations of native fish and maintain resident platypus populations.
- Lower Broken Creek** – Protect and increase native fish populations and avoid excessive build-up of azolla fern.
- Gunbower Creek** (entitlement and return flows) – Maintain and improve populations of large-bodied native fish such as Murray cod.
- Lower Lakes, Coorong and Murray Mouth** (return flows) – Winter barrage releases for fish to migrate and improve water quality and diversity of habitat in the Coorong.

More information on river flows and water for the environment

Live River Data
riverdata.mdba.gov.au

River Murray Weekly Report
mdba.gov.au/river-information/weekly-reports

Water sharing in the River Murray
www.mdba.gov.au/river-information/water-sharing

Water use in catchments
www.environment.gov.au/water/cewo/catchment

FLOW Monitoring, Evaluation and Research
flow-mer.org.au

Delivering water for the environment
mdba.gov.au/managing-water/water-for-environment/water-over-time