

# SA River Murray Flow Report

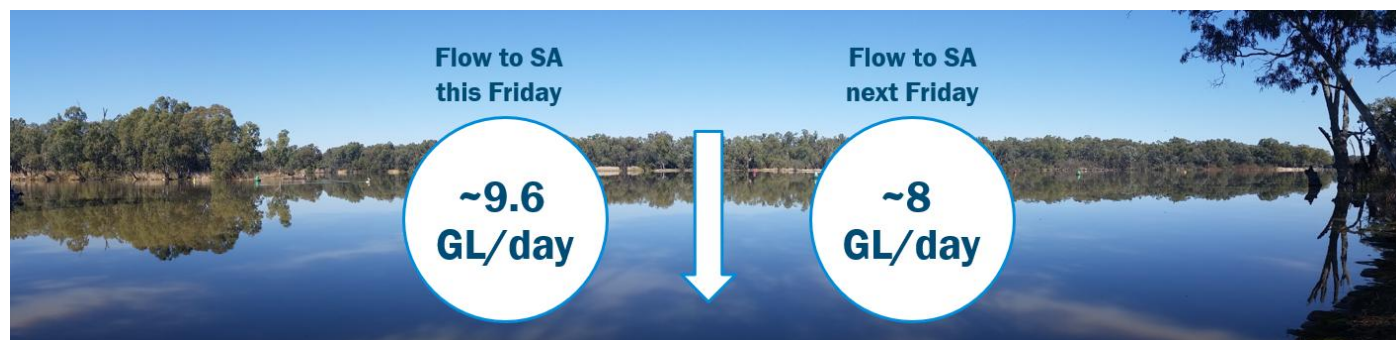


Government of South Australia  
Department for Environment  
and Water

Report #14/2026  
Issued 12:00pm 3 April 2026

This supersedes all previous Flow Reports issued by the Department for Environment and Water (DEW).

## Flow outlook



The flow at the South Australian border this Friday is approximately 9.6 GL/day and is forecast to decrease to approximately 8.0 GL/day by next Friday.

The current flow at the South Australian border includes April Entitlement Flow (4.5 GL/day), which is adjusted for deferred entitlement volume that is stored and accumulated for critical human water needs and private carryover during dry periods.

The flow over Lock 1 this Friday is approximately 8.5 GL/day and is expected to decrease to approximately 8 GL/day by next Friday.

It is important to note that flow forecasts in this advice are based on the information available at the time of preparation. Advice may change as new gauging information becomes available or due to rainfall events or changed operations upstream.

## 2026-2027 Projected opening allocations

The projected minimum opening allocations are made to communicate the anticipated volume of water that will be available from the start of the upcoming water year for allocation. South Australia will announce projected minimum or 'worst-case' allocations on 15 April 2026 for the 2026-27 water use year. This announcement will include a South Australian Water Allocation Statement with water availability projections, information regarding availability of private carryover, water in storage, and the climate outlook.

For more information see the latest allocation statement at <https://www.environment.sa.gov.au/topics/water-and-river-murray/water-licences-allocations-and-markets/water-allocation-and-carryover/current-allocations>

## Water levels

Current water levels are updated daily and can be found on [WaterConnect](#).

## Upstream flows, rainfall and storages

There was limited rainfall across the Murray-Darling Basin in the week ending 31 March 2026, with most of the Basin remaining dry and rainfall largely confined to a narrow band through the central and southern regions.

Southern Queensland recorded minimal rainfall, generally between 0-10 mm. Across New South Wales, large parts of the central and western Basin received little to no rainfall, while a narrow band through southern NSW recorded totals of around 10-25 mm, with locally higher falls in parts of the south-east.

Rainfall in Victoria was mostly light, with much of the state receiving 0-10 mm. Higher totals were confined to a relatively small area in eastern Victoria, where rainfall reached 25-50 mm, with isolated pockets of higher falls. In South Australia, rainfall was generally light across the Lower Murray and Riverland regions, mostly between 1-10 mm, with slightly higher totals of around 10-25 mm recorded in parts of the east. Further rainfall information for the Basin can be found at <http://www.bom.gov.au/climate/maps/rainfall/>

As of 1 April 2026, Dartmouth Dam storage has increased slightly to 2,496 GL, remaining at approximately 65% of capacity, and Hume Dam storage has reduced to 817 GL, remaining around 27% of capacity. Storage in the Menindee Lakes has decreased and is at 625 GL, approximately 36% of capacity. Combined releases from Menindee Lakes were approximately 1.59 GL/day.

As of 1 April 2026, Lake Victoria storage is 369 GL, sitting at 54% capacity, which has reduced by 26 GL over the past 7 days. Releases from Lake Victoria are currently contributing to approximately 32% of the flow to South Australia.

Flows at the South Australian border averaged approximately 11 GL/day over the past week.

This forecast remains subject to change, depending on river operations and catchment rainfall. More information on upstream conditions and forecasts can be found in the [Murray-Darling Basin Authority's Weekly Flow Report](#).

## Water quality

### Water quality upstream of SA

Please be advised that with additional flows coming from the Darling River there will be an increase in turbidity of the water in the main channel of the River Murray. Horticulturalists may consider this as part of filtration and backflush programs for irrigation systems.

### Algal blooms within SA

#### Coorong

Government agencies continue to work together to conduct fortnightly water testing in the Coorong to monitor for *Karenia*.

For algal bloom water testing results and further information visit [Algal Bloom Water Sampling Dashboard](#).

For Coorong North Lagoon water quality and environmental conditions visit [Coorong North Lagoon Conditions Dashboard](#).

Visitors to coastal areas are advised to check signage and avoid contact with discoloured water, foamy water, or water where marine life is dead or in poor health. When the algae are broken up by wave action, algal particles can cause short-term skin or eye irritation and respiratory symptoms, including a cough or shortness of breath. If you notice symptoms, move away from the beach or water. Most symptoms will resolve within hours of leaving the area.

For current conditions and health advice please visit the [SA Government algal bloom website](#) or the [SA Health water quality alerts page](#).

## Algal blooms upstream of SA

WaterNSW issues blue-green algae (BGA) alerts as Red, Amber or Green. A red alert indicates a toxic algal bloom, making the water dangerous for humans and animals; an amber alert indicates BGA may be multiplying in numbers and water should be considered unsuitable for human or animal consumption but remains suitable for recreational use; and a green alert indicates the presence of BGA but not at levels to pose a threat to recreational, stock or domestic use.

WaterNSW has issued red alerts for Menindee Lakes and Silver City Highway. The Edward Wakool system also has multiple amber and green alerts in place. Numerous BGA amber and green alerts apply to the River Murray between Lake Hume and the SA border, and additional alerts are current across the Menindee Lakes and the lower Darling. Further details of the current NSW alert locations can be found on the [WaterNSW website – Algae Alerts page](#).

Victoria's Goulburn-Murray Water has issued recreational BGA warnings for Lake Eildon and Gum Lagoon in the Torrumbarry Irrigation Area. Details of the current VIC alert locations can be found on the [Blue-Green Algae Warnings - Goulburn Murray Water](#) page.

Lower Murray Water (LMW) has issued a red alert for BGA in Lake Cullulleraine. Various low to mid-level recreational BGA alerts also remain current on the River Murray from Boundary Bend through to Lock 9. Details of LMW alert locations can be found on the [Blue-green algae monitoring - Lower Murray Water](#) page.

## Water for the environment delivery

The delivery of water for the environment to the South Australian border is continuing at approximately 3 - 4 GL/day. A majority of this is a combination of direct trade to SA from the Commonwealth Environmental Water Holder, return flows from the [Goulburn autumn watering event and return flows from the Great Darling Anabranch](#). The water being delivered is helping to manage Lower Lakes levels and provides continuous flow to the Coorong. Water for the environment also continues to be delivered as part of SA's Entitlement flow.

Planning for further delivery of water for the environment throughout 2025-26 is continuing.

## Temporary weir pool lowering

Upcoming maintenance works to Lock 5 require that the Lock 5 weir pool be lowered to 16.130m AHD for a period of 2 - 3 days from 15 April 2026 to 17 April 2026. Weir pool lowering will occur at a rate of 2.5 cm/day and commence on Wednesday 8 April 2026. The Lock 5 weir pool will be back at normal pool level by Friday 24 April 2026.

## Murray Mouth

Dredging is continuing directly in the Murray Mouth at the junction of the Tauwitchere and Goolwa Channels.

Barrage releases, combined with dredging throughout most of the year, help to maintain flow connectivity of the River Murray Channel to the Murray Mouth and assist in exporting salt from the river system.

Exclusion Zones established around the dredging operations are in place to ensure public safety. Refer to [Notice to Mariners No 61 of 2023](#).

[https://governmentgazette.sa.gov.au/sites/default/files/public/documents/gazette/2017/January/2017\\_001.pdf](https://governmentgazette.sa.gov.au/sites/default/files/public/documents/gazette/2017/January/2017_001.pdf)

## Barrage operations and water levels in the Lower Lakes

As of 1 April 2026, the water level in Lake Alexandrina is approximately 0.65 m AHD and Lake Albert is approximately 0.71 m AHD, noting that lake levels can fluctuate considerably depending on wind conditions.

The Lower Lakes are managed, as far as practicable, to target a daily average lake level between 0.55 m AHD and 0.65 m AHD throughout April.

Barrage gate operations are adjusted to release water when tidal conditions permit and are dependent on upstream flows, lake levels and variable weather conditions.

From mid-December 2025 to early February 2026, barrage flows were limited to fishways only. From 6 February 2026, a modified attractant gate at Boundary Creek barrage was opened to help freshen important estuarine habitat within the Murray Mouth area. On 24 February 2026, the automatic gate on Goolwa barrage was opened to create localised 'salt wedge' conditions downstream of the barrage for black bream recruitment. In recent weeks, increased volumes of water for the environment have arrived in the Lower Lakes, allowing barrage bays at Tauwitchere, Ewe Island and Goolwa to open to release freshwater to the Coorong. Coorong salinity levels have reduced in response to these flows, supporting refuge habitat for the Coorong's invertebrates, waterbirds and fish.

Gate openings at the barrages can now be viewed on [Water Data SA – Barrage dashboard](#).

Total daily flow releases from the barrages can also be found on [Water Data SA – Flows dashboard](#).

## River Murray vessel waste disposal stations

The Lock 3 River Vessel Waste Disposal Station (RVWDS) has been out of commission since January 2020 due to a significant infrastructure failure. The nearest alternative waste facility is located at Waikerie. Normal boat hard waste (domestic or galley waste) can still be deposited at the Lock 3 facility at the present time.

Contractors will perform system upgrades at the following RVWDS on the dates listed below:

- Blanchetown RVWDS: 20-25 April
- Morgan RVWDS: 20-25 April
- Mannum RVWDS: TBA
- Murray Bridge RVWDS: 1-9 June
- Goolwa RVWDS: 1-9 June. **Goolwa RVWDS will be offline completely on 1-2 June.**

The stations will remain operational; however, minor delays may occur.

For a full list and map of the stations visit: <http://environment.sa.gov.au/waste-disposal-stations>

You can report any River Vessel Waste Disposal Station issues on 1800 799 065.

If you have any questions, please contact the DEW WIO Engagement Team at [DEW.WIOCommunications@sa.gov.au](mailto:DEW.WIOCommunications@sa.gov.au)

## Salinity

Salinity levels throughout the River Murray in South Australia are within their typical range. Nonetheless, it is possible that some irrigators may record higher salinity readings at isolated locations. These higher readings are more likely to be observed at the bottom of the water column.

Salinity throughout the Goolwa Channel from the Goolwa Barrage to Clayton Bay remains elevated as a result of salt water ingress from recent storm surge events.

Irrigators are encouraged to monitor the [daily salinity levels](#) provided by SA Water as part of their business operations.

## Intermediate remediation of the LMRIA levees project

The Intermediate Remediation of the LMRIA Levees project is jointly funded by the Australian and South Australian governments, through the Disaster Recovery Funding Arrangements. This project will return the severely flood damaged sections of government and private levees to their pre-flood height.

**Government levees in the LMRIA remain temporarily closed to the public.** Where intermediate remediation works are required, they will remain closed until works are complete and public safety risk assessments, tree assessments (and any arborist works required), fencing repairs and reinstallation of signage is undertaken to ensure safe access before reopening to the public.

Reopening of the levees will be staged as the assessments and associated works are completed. It is expected levees will progressively start to reopen in 2-3 months.

For more information, including locations and access updates, please visit the LMRIA levees page.

If you have any questions, please contact the DEW WIO Engagement Team at [DEW.WIOcommunications@sa.gov.au](mailto:DEW.WIOcommunications@sa.gov.au)

## Bookmark Creek first operations

First Operations testing recommenced on 30 March and were completed on Thursday 2 April.

The infrastructure was constructed under the Sustaining Riverland Environments program.

Further information can be found at: [Department for Environment and Water - Bookmark Creek first operations](#)

## More information

- [Algal bloom information](#)

### Other flow updates and information

- [Current SA daily water levels](#)
- [SA Water daily flow report](#)
- [SA Water daily salinity report](#)
- [SA Water daily river graphs](#)
- [Murray-Darling Basin Authority weekly report](#)

- [Real Time Water Data \(DEW\)](#)
- [Live river system data \(MDBA\)](#)
- [SA Health water quality alerts](#)

### Mapping

- [River Murray inundation mapping](#)
- [2014 River Murray floodplain flood mapping](#)
- [Flood awareness mapping](#)
- [Algal bloom information](#)

### Bureau of Meteorology forecasts

- [SA rainfall and river conditions](#)
- [Victorian rainfall and river conditions](#)
- [NSW rainfall and river conditions](#)
- [Climate outlooks](#)
- [Climate drivers](#)

### Further information

- [Murray-Darling Basin Authority news](#)
- [Water for the environment actions by region](#)
- [NSW algal alerts](#)
- [Government of SA - State Disaster Recovery](#)
- [SA Marine safety](#)
- [Weir pool manipulation](#)
- [2022-23 River Murray Flood event](#)

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