

# RIVER MURRAY WEEKLY FLOW REPORT

## Flow to South Australia

Report #17/2012

Issued 10:00 am 27 April 2012

**This supersedes the previous flow report issued by the Department for Water on 20 April 2012. A further flow report will be provided on Friday 4 May 2012.**

### FLOW OUTLOOK

The flow at the South Australian border is approximately 55,000 ML/day. Over the next week the flow rate is likely to slowly increase to approximately 58,000 ML/day for a short period then start to recede again.

The flow over Lock 1 is expected to remain around 50,000 ML/day over the next week.

It is important to note that flow forecasts in this advice are based on the information available at the time of preparation. Forecasts may change as new gauging information becomes available, or due to further rainfall events or changing upstream operations. Flow forecasts are dependent on predictions made by the Bureau of Meteorology, Murray-Darling Basin Authority and water management agencies in upstream jurisdictions. Forecasts will be revised as new information becomes available.

### BARRAGE OPERATIONS AND WATER LEVELS IN THE LOWER LAKES

The water level in Lake Alexandrina is approximately 0.80m AHD and the level in Lake Albert is approximately 0.82m AHD.

Barrage releases will continue, although high Coorong water levels, high tides, high swells and wind will limit the ability to discharge water at certain times during the coming weeks. Goolwa and Mundoo barrages were re-opened yesterday following a week of closure due to high tides. Tauwitchere, Ewe Island and Boundary Creek barrages remained open during this period, resulting in short-term salinity spikes in the vicinity of these barrages. High lake levels were experienced this week due to limited opportunities to pass water through the barrages. However, lake levels are expected to drop over this coming week as releases can increase with the lower tides.

Residents and landholders in the Goolwa, Hindmarsh Island and Mundoo areas may observe increased salinity in the area's waterways due to 'reverse head' conditions. However, Goolwa and Mundoo barrages will continue to be carefully managed by SA Water over the coming months to prevent seawater ingress during reverse head conditions. With large volumes of fresh River Murray water flowing into the area, any salinity spikes are likely to be short-lived.

Note that the boat locks at Tauwitchere and Goolwa will continue to operate as normal.

Water levels and barrage operations are closely monitored by the various agencies of the South Australian Government, Murray-Darling Basin Authority and the Commonwealth Environmental Water Holder.



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## RIVER MURRAY WATER LEVELS

SA Water and the Department for Water have developed a River Murray Water Level chart (below) to provide water levels at a number of locations from Lock 10 (near Wentworth) to Murray Bridge.

### River Murray Water Levels as at 25 April 2012

Location	River Km	Normal Pool Level	Current Level (m AHD)	1974 Flood Level (m AHD)	1993 Flood Level (m AHD)
Lock 10	825.0	30.80	30.84	33.81	33.32
Lock 9 Kulnine	764.8	27.40	27.47	30.03	29.44
Lock 8 Wangumma	725.7	24.60	25.65	27.6	27.19
Lock 7 Rufus River	696.6	22.10	24.16	25.70	25.24
Lock 6 Murtho	619.8	19.25	19.38	21.03	20.50
Renmark	567.4	-	16.56	18.54	18.04
Lock 5	562.4	16.30	16.31	18.07	17.50
Lyrup	537.8	-	14.70	16.85	16.26
Berri	525.9	-	14.33	15.81	15.74
Lock 4	516.2	13.20	13.89	15.65	15.08
Loxton	489.9	-	12.54	15.05	14.12
Cobdogla	446.9	-	10.64	13.44	12.38
Lock 3	431.4	9.80	9.94	13.16	12.02
Overland Corner	425.9	-	8.98	12.73	11.58
Waikerie	383.6	-	7.79	11.26	10.24
Lock 2	362.1	6.10	6.98	10.28	9.30
Cadell	332.6	-	-	9.17	8.08
Morgan	321.7	-	5.00	8.85	7.65
Lock 1 Blanchetown	274.2	3.20	3.43	6.81	5.38
Swan Reach	245.0	0.75	2.08	6.06	4.51
Mannum PS	149.8	0.75	1.07	3.15	1.90
Murray Bridge	115.3	0.75	0.90	2.06	1.26

Note that the above water levels may be affected by local wind conditions.



## FURTHER INFORMATION

The Department for Water has published a series of inundation maps for the River Murray. They are available at: [www.waterconnect.sa.gov.au](http://www.waterconnect.sa.gov.au)

Up-to-date River Murray flow and water level information can be accessed at the Department for Water, SA Water and Murray-Darling Basin Authority websites:

<http://data.rivermurray.sa.gov.au>

[www.sawater.com.au/SAWater/Environment/TheRiverMurray/River+Murray+Levels.htm](http://www.sawater.com.au/SAWater/Environment/TheRiverMurray/River+Murray+Levels.htm)

<http://www.mdba.gov.au/water/live-river-data>

Details of river height and rainfall information in the River Murray within Victoria and New South Wales are available at the Bureau of Meteorology website: <http://www.bom.gov.au/vic/flood>

Information on the discharge of acid drainage water into the Lower River Murray can be accessed online at [www.waterforgood.sa.gov.au](http://www.waterforgood.sa.gov.au)

Information provided by the Commonwealth Environmental Water Holder can be accessed at <http://www.environment.gov.au/ewater/southern/murray/lower-murray.html>

Regularly updated daily water level information can be found at the following websites:

### SA Water

[www.sawater.com.au/SAWater/Environment/TheRiverMurray/River+Murray+Levels.htm](http://www.sawater.com.au/SAWater/Environment/TheRiverMurray/River+Murray+Levels.htm)

### Department for Water

<http://www.waterconnect.sa.gov.au/RMWD/Pages/default.aspx>

Information is also available from the SA Water Hotline on **08 8595 2299**

**UPDATES-** This advice remains current until the Department for Water notifies otherwise.

