RIVER MURRAY WEEKLY FLOW REPORT

Flow to South Australia

Report #46/2012
Issued 10:00 am 23 November 2012

This supersedes the previous flow report issued by the Department of Environment, Water and Natural Resources (DEWNR) on 16 November 2012. The next flow report will be provided on Friday, 30 November 2012.

FLOW OUTLOOK
The flow at the South Australian border is approximately 14 000 ML/day and is likely to increase to around 16 000 ML/day during the coming week, depending on upstream operations and rainfall events. The flow to South Australia currently comprises the November Entitlement Flow (nominal trade-adjusted flow of 6 000 ML/day), Additional Dilution Flow (3 000 ML/day) and water being provided through The Living Murray Program and Commonwealth Environmental Water Holder, which is boosting the flow for environmental purposes. South Australia is expected to continue to receive 3 000 ML/day of Additional Dilution Flow until the end of December 2012.

Lake Victoria storage is currently at 96 percent capacity.

The flow over Lock 1 is approximately 12 000 ML/day and is likely to remain around this rate during the coming week, depending on upstream operations and diversions.

It is important to note that flow forecasts in this advice are based on the information available at the time of preparation. They may change as new gauging information becomes available, or due to further rainfall events or changed operations upstream. Flow forecasts are dependent on predictions made by the Bureau of Meteorology, Murray-Darling Basin Authority and water management agencies in upstream jurisdictions. They 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 0.75 m AHD and approximately 0.77 m AHD in Lake Albert. During the coming week, barrage operations will be managed to maximise benefits of environmental flow to the Coorong and target a water level of 0.75 m AHD in both Lower Lakes. This will maximise the opportunity to continue barrage releases during the approaching summer months.

To see live salinity data at various locations on the River Murray and in the Lower Lakes please refer to the following website:

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

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

CONSTRUCTION WORKS
Construction of the Chowilla Creek Environmental Regulator is expected to be ongoing until the end of 2013. For public safety reasons, the Chowilla Creek remains closed to navigation at the construction site.

On 5 November 2012, major maintenance works commenced at Lock 9 (Cullulleraine) upstream of South Australia. This maintenance is vital to the longevity of the structure and will take approximately six weeks. During this period Lock 9 will be closed to navigation for all river traffic.

RIVER MURRAY WATER LEVELS

SA Water and the Department of Environment, Water and Natural Resources have developed a River Murray Water Levels 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 21 November 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	30.86	33.81	33.32
Lock 9 Kulnine	764.8	27.40	27.43	30.03	29.44
Lock 8 Wangumma	725.7	24.60	24.65	27.60	27.19
Lock 7 Rufus River	696.6	22.10	22.16	25.70	25.24
Lock 6 Murtho	619.8	19.25	19.28	21.03	20.50
Renmark	567.4	-	16.33	18.54	18.04
Lock 5	562.4	16.30	16.33	18.07	17.50
Lyrup	537.8	-	13.33	16.85	16.26
Berri	525.9	-	13.22	15.81	15.74
Lock 4	516.2	13.20	13.23	15.65	15.08
Loxton	489.9	-	10.33	15.05	14.12
Cobdogla	446.9	-	9.89	13.44	12.38
Lock 3	431.4	9.80	9.81	13.16	12.02
Overland Corner	425.9	-	6.62	12.73	11.58
Waikerie	383.6	-	6.38	11.26	10.24
Lock 2	362.1	6.10	6.14	10.28	9.30
Cadell	332.6	-	-	9.17	8.08
Morgan	321.7	-	3.41	8.85	7.65
Lock 1 Blanchetown	274.2	3.20	3.21	6.81	5.38
Swan Reach	245.0	0.75	0.98	6.06	4.51
Mannum PS	149.8	0.75	0.92	3.15	1.90
Murray Bridge	115.3	0.75	0.89	2.06	1.26

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

FURTHER INFORMATION

The South Australian Government is running a campaign to fight for the health of the River Murray. If you have an interest in the River Murray you are encouraged to join the fight for a healthy river at: **www.fightforthemurray.com.au**

The Department of Environment, Water and Natural Resources has published a series of inundation maps for the River Murray. They are available at: **www.waterconnect.sa.gov.au**

Up-to-date River Murray flow and water level information can be accessed at the Department of Environment, Water and Natural Resources, SA Water and Murray-Darling Basin Authority websites:
www.sawater.com.au/SAWater/Environment/TheRiverMurray/River+Murray+Levels.htm
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**

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

Information on The Living Murray can be accessed at
http://www.mdba.gov.au/programs/tlm/

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

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

Department of Environment, Water and Natural Resources
http://www.waterconnect.sa.gov.au/RMWD/Pages/default.aspx

UPDATES- This advice remains current until the Department of Environment, Water and Natural Resources notifies otherwise.