



RIVER MURRAY WEEKLY REPORT

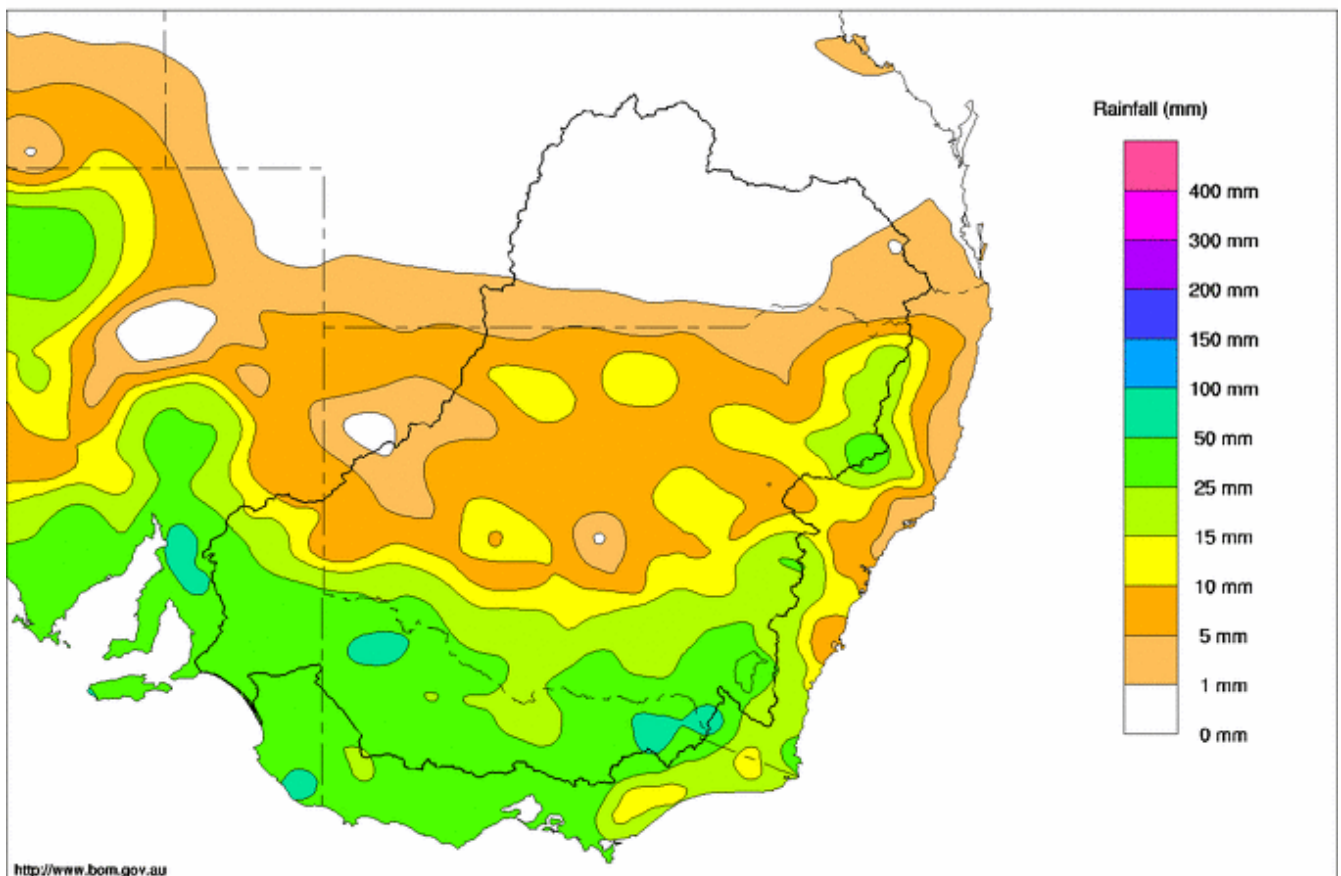
FOR THE WEEK ENDING WEDNESDAY, 23 SEPTEMBER 2009

Trim Ref: D09/17573

Rainfall and Inflows

For the week ending 23rd September there were good falls of rain across the southern Murray-Darling Basin. Notably, South Australia received widespread rain and about 50 mm of rain was recorded around Milang (at the Lower Lakes) and at Tailem Bend (on the Murray upstream of the Lakes). In the Victorian Alps the best falls occurred at Mount Buffalo with 79 mm recorded whilst the Snowy Mountains' best fall was at Thredbo with 106 mm. However, streamflow response from this rain was less than expected. For instance, the flow at Hinnomunjie on the Mitta Mitta River rose only from 1,400 to 2,400 ML/day and the flow at Rocky Point rose from 2,400 to just 3,100 ML/day.

Murray Darling Rainfall Analysis (mm) Week Ending 23rd September 2009
Product of the National Climate Centre



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Issued: 23/09/2009



River Operations

MDBA active storage is currently 1,997GL (or 23% capacity) an increase of 74 GL over the past week. Storage in Dartmouth Reservoir increased by 21 GL to 1,109 GL (or 26% capacity) and the release is being maintained at the normal minimum of 200 ML/day. Storage in Hume Reservoir increased by 59 GL to around 911 GL (or 30% capacity) and as a result of higher demands downstream and the transfer of water to Lake Victoria the release at Hume has been increased from the normal minimum of 600 ML/day and is currently around 2,500 ML/day. The flow past Doctors Point is now at 5,500 ML/day and if significant rain does not occur over the coming week to boost inflows from the Kiewa and Ovens catchments, this release is expected to increase further.

The pool level at Lake Mulwala is now at 124.67 m AHD (or 0.23m below FSL) and is expected to fall slightly over the next couple of days until the higher releases past Doctors Point arrive to help maintain normal operating levels. The release from Yarrawonga Weir is currently at 7,000 ML/day and will be increased to between 8,000 and 9,000 ML/day in the next week. Yarrawonga Weir releases are expected to stay around this rate over the coming months to meet downstream demands.

At Torrumbarry Weir the release is currently at around 4,000 ML/day and is expected to increase during the coming week as higher flows arrive from upstream. Euston, Mildura and Wentworth Weirs are all at or near, Full Supply Level. The release at Stevens Weir on the Edward River is currently around 950 ML/day.

Storage in Menindee Lakes (which remain under NSW control) decreased by 7 GL to 223 GL (or 13% capacity). As a result of prolonged dry conditions in the northern Basin, the flow at Wilcannia on the Darling River continues to decline and is now around 15 ML/day.

Lake Victoria storage is steady at around 277 GL (or 41% capacity) and the target flow to South Australia is currently at 2,500 ML/day. The flow past Lock 1 has averaged around 1,200 ML/day over the week. Locks 1-5 are all above their Full Supply Levels, in part as a result of local rainfall and reduced losses. The water level in Lake Alexandrina is steady at around -0.78 m AHD. The pumping from Lake Alexandrina to the Goolwa Channel continues and as a result, along with inflows from local rainfall the level in the channel has now passed 0 m AHD (mean sea level). The water level at Lake Albert also remains fairly steady with a slight decrease from -0.18 to -0.2 m AHD.

For media inquiries contact: Sam Leone on 02 6279 0141

DAVID DREVERMAN
Executive Director, River Murray

Week ending Wednesday 23 Sep 2009

Water in Storage

MDBA Storages	Full Supply Level (m AHD)	Full Supply Volume (GL)	Current Storage Level (m AHD)	Current Storage		Dead Storage (GL)	MDBA Active Storage (GL)	Change in Total Storage for the week (GL)
				(GL)	%			
Dartmouth Reservoir	486.00	3 906	424.17	1 019	26%	80	939	+21
Hume Reservoir	192.00	3 038	177.77	911	30%	30	881	+59
Lake Victoria	27.00	677	23.35	277	41%	100	177	+0
Menindee Lakes		1 731 *		223	13%	(- -) #	0	-7
Total		9 352		2 430	26%	--	1 997	+74

* Menindee surcharge capacity 2050 GL

% of Total Active MDBA Storage = **23%**

NSW takes control of Menindee Lakes when storage falls below 480 GL, and control reverts to MDBA when storage next reaches 640 GL

** All Data is rounded to nearest GL **

Major State Storages

Burrinjuck Reservoir	1 026	407	40%	3	404	+5
Blowering Reservoir	1 631	638	39%	24	614	-3
Eildon Reservoir	3 334	811	24%	100	711	+23

Snowy Mountains Scheme

Snowy diversions for week ending 22-Sep-2009

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2009
Lake Eucumbene - Total	931	+76	Snowy-Murray	+0	257
Snowy-Murray Component	455	+53	Tooma-Tumut	+14	152
Target Storage	1 240		Nett Diversion	-13.4	105
			Murray 1 Release	+19	379

Major Diversions from Murray and Lower Darling (GL) *

New South Wales	This week	From 1 July 2009	Victoria	This week	From 1 July 2009
Murray Irrig. Ltd (Net)	2.3	38.9	Yarrawonga Main Channel (net)	1.0	12
Wakool Sys Allowance	0.1	- .3	Torrumbary System + Nyah (net)	5.9	23
Western Murray Irrig.	0.2	1.9	Sunraysia Pumped Districts	1.4	8
Licensed Pumps	1.0	12.7	Licensed pumps - GMW (Nyah+u/s)	0.1	
Lower Darling	0.0	.6	Licensed pumps - LMW	3.8	21
TOTAL	3.7	53.9	TOTAL	12.1	64

* Figures derived from Estimates and Monthly Data. Please note that not all data may have been available at the time of creating this report.

** All Data is rounded to nearest 100 ML for the above**

Flow to South Australia (GL)

Entitlement this month	135 *	
Flow this week	19.7	(2 800 ML/day)
Flow so far this month	52	
Flow last month	56	

* Reduced to approx. 70 GL during September drought contingency operation

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2009
Swan Hill	70	70	80
Euston	60	70	90
Red Cliffs	110	110	130
Merbein	110	120	120
Burtundy (Darling)	540	540	430
Lock 9	170	170	160
Lake Victoria	220	220	220
Berri	450	450	450
Waikerie	-	-	470
Morgan	580	570	530
Mannum	600	600	600
Murray Bridge	700	690	690
Milang (Lake Alex.)	5 100	5 200	5 100
Potalloch (Lake Alex.)	-	-	4 640
Meningie (Lake Alb.)	8 810	9 200	9 210
Goolwa Barrages	14 490	14 870	18 660



Week ending Wednesday 23 Sep 2009

River Levels and Flows

River Murray	Minor Flood stage (m)	Gauge height		Flow (ML/day)	Trend	Average flow this week (ML/day)	Average flow last week (ML/day)
		local (m)	(m AHD)				
Khancoban	-	-	-	7 680	F	6 690	2 670
Jingellic	4.0	2.33	208.85	10 150	R	8 400	7 150
Tallandoon (Mitta Mitta River)	4.2	1.69	218.58	1 100	R	860	760
Heywoods	5.5	1.64	155.27	2 090	F	1 130	600
Doctors Point	5.5	2.13	150.60	5 410	R	3 270	3 140
Albury	4.3	1.17	148.61	-	-	-	-
Corowa	7.0	0.85	126.87	2 650	F	2 570	2 880
Yarrawonga Weir (d/s)	6.4	1.26	116.30	6 990	R	5 850	5 720
Tocumwal	6.4	1.61	105.45	6 170	R	5 670	6 220
Torrumbarry Weir (d/s)	7.3	1.44	79.99	3 940	R	3 610	4 260
Swan Hill	4.5	0.81	63.73	3 460	R	3 160	4 820
Wakool Junction	8.8	1.93	51.05	4 060	R	4 160	4 910
Euston Weir (d/s)	8.8	0.94	42.78	4 090	F	4 350	4 120
Mildura Weir (d/s)	-	-	-	4 280	F	4 140	3 030
Wentworth Weir (d/s)	7.3	2.86	27.62	3 710	R	3 430	2 410
Rufus Junction	-	2.62	19.55	1 960	F	2 130	1 690
Blanchetown (Lock 1 d/s)	-	-0.57	-	1 400	S	1 260	940
Tributaries							
Kiewa at Bandiana	2.7	2.26	155.49	2 890	R	2 330	2 970
Ovens at Wangaratta	11.9	8.76	146.44	2 990	R	3 010	3 720
Goulburn at McCoys Bridge	9.0	0.99	92.41	190	S	200	270
Edward at Stevens Weir (d/s)	-	1.20	80.97	940	F	940	1 450
Edward at Liewah	-	1.96	57.34	1 280	R	1 000	200
Wakool at Stoney Crossing	-	0.94	54.43	0	R	0	0
Murrumbidgee at Balranald	5.0	1.18	57.14	760	F	930	220
Barwon at Mungindi	-	3.13	-	0	F	0	0
Darling at Bourke	-	3.97	-	30	F	30	60
Darling at Burtundy Rocks	-	0.71	-	90	S	90	140

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	13 120	13 160
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Weirs and Locks

Pool levels above or below Full Supply Level (FSL)

Murray	FSL (mAHD)	u/s	d/s		FSL (mAHD)	u/s	d/s
Yarrawonga	124.90	-0.23	-	No. 7 Rufus River	22.10	-0.02	+0.32
No 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	-0.05	-0.01
No. 15 Euston	47.60	+0.06	-	No. 5 Renmark	16.30	+0.02	+0.12
No. 11 Mildura	34.40	+0.07	+0.14	No. 4 Bookpurnong	13.20	+0.04	+0.38
No. 10 Wentworth	30.80	+0.06	+0.22	No.3 Overland Corner	9.80	+0.13	+0.20
No. 9 Kulnine	27.40	+0.00	+0.03	No. 2 Waikerie	6.10	+0.08	+0.14
No. 8 Wangumma	24.60	+0.04	+0.16	No 1. Blanchetown	3.20	+0.08	-1.32

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-1.53	0.915	70.265	612
No. 5 Redbank	66.90	-1.72	0.692	61.992	848

Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	-0.78

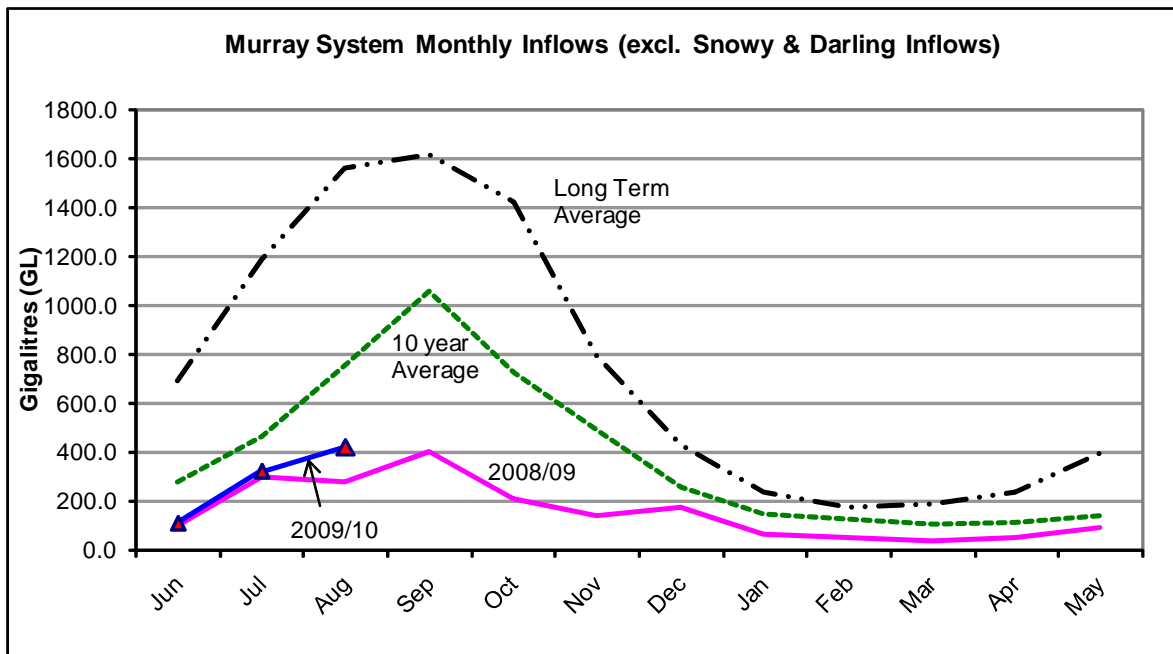
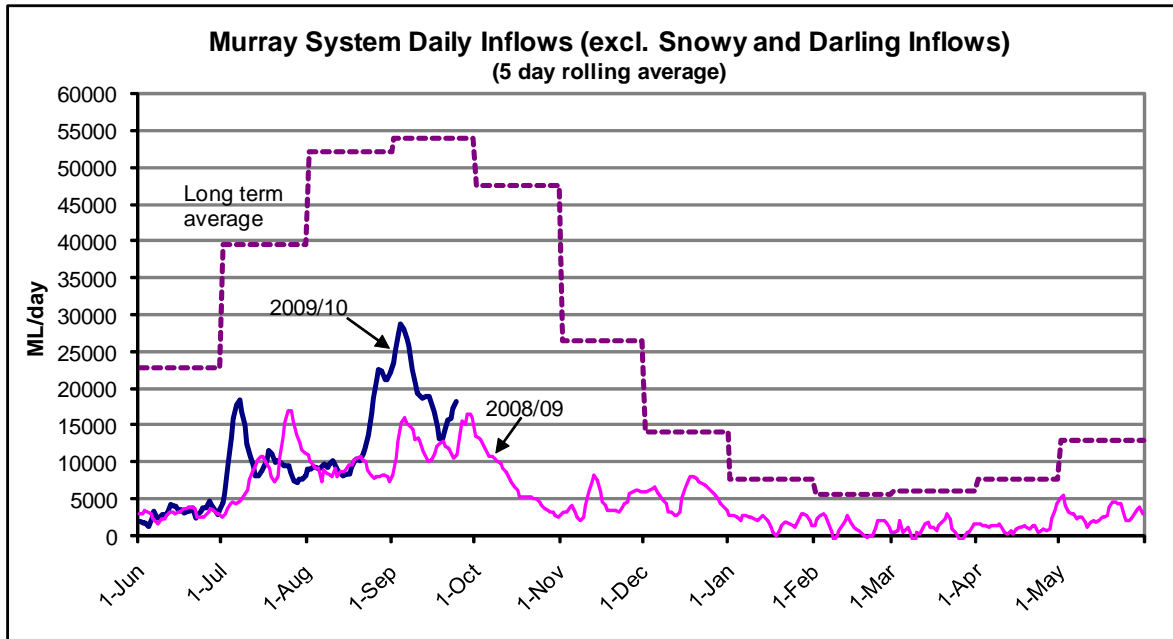
Barrages

Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	-	All closed	-	Closed
Mundoo	26 openings	-	All closed	-	-
Boundary Creek	6 openings	-	All closed	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwicheere	322 gates	-	All closed	Closed	Closed



Week ending Wednesday 23rd September 2009



State Allocations (as at 23rd September 2009)

NSW - Murray Valley

High security	50%
General security	0%

Victoria - Murray Valley

high reliability	13%
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NSW - Murrumbidgee Valley

High security	60%
General security	0%

Victoria - Goulburn Valley

high reliability	7%
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NSW - Lower Darling

High security	100%
General security	25%

South Australia - Murray Valley

High security	16%
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NSW : http://www.naturalresources.nsw.gov.au/mediarelnr/mr_toc_currnr.html

VIC : <http://www.g-mwater.com.au/water-resources/allocations/current.asp>

SA : <http://www.dwlbc.sa.gov.au/media.html>