



RIVER MURRAY WEEKLY REPORT

FOR THE WEEK ENDING WEDNESDAY, 12 AUGUST 2009

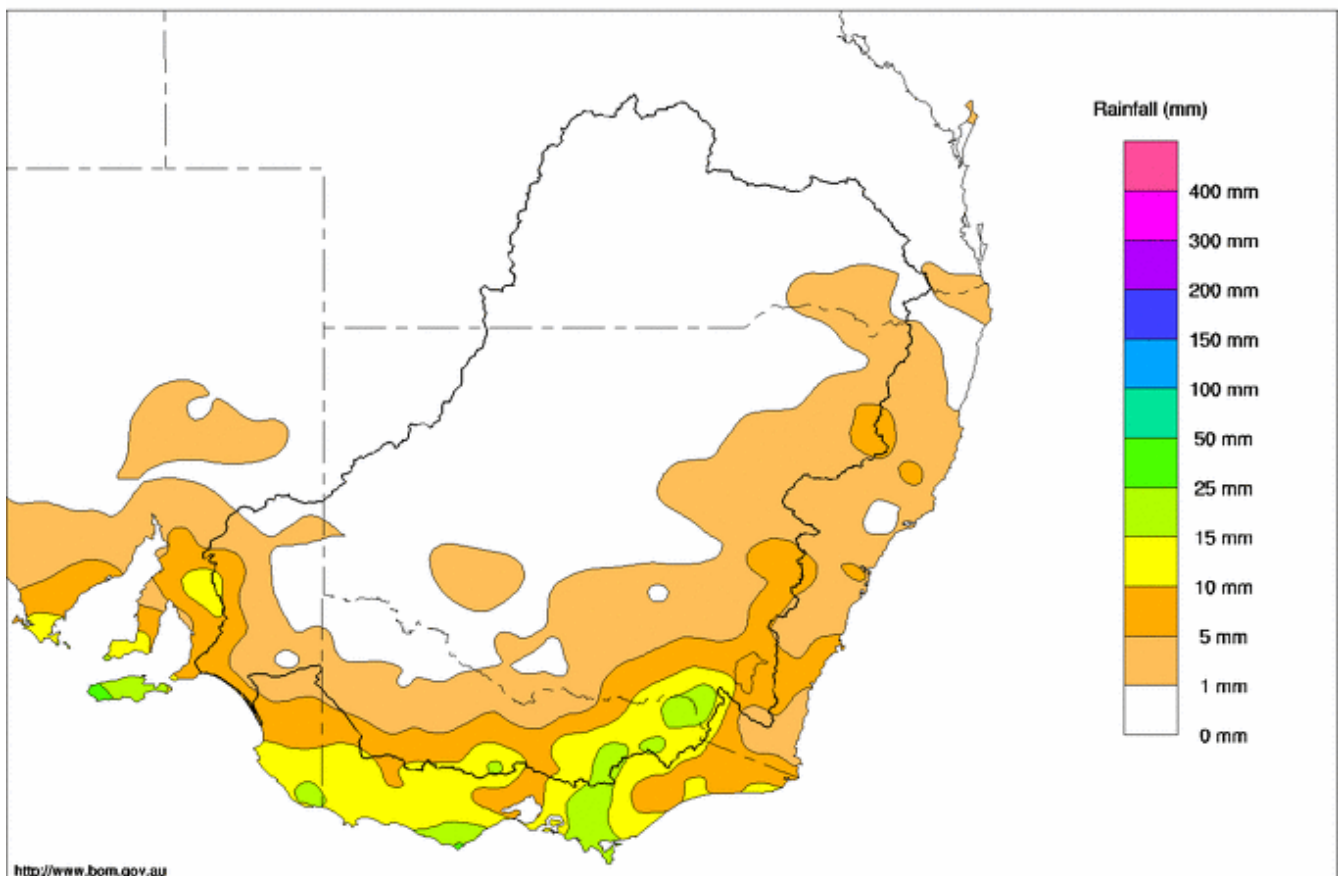
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Rainfall and Inflows

Small amounts of rain continued to fall over the southern Murray-Darling Basin for the week ending 12th August, with the largest falls of around 40 mm recorded in the Snowy Mountains (see map 1). The Victorian Alps received less with up to 30mm recorded at Mt Buller. As a result, streamflows in the upper Murray tributaries remained fairly steady. For instance at Rocky Point on the Ovens river, the flow decreased slightly from 2,300 ML/day to 2,100 ML/day, while at Hinnomunjie on the Mitta Mitta river streamflow increased slightly from 640 ML/day to 770 ML/day.

Murray System inflows for the first 12 days of August are currently around 110GL and continue to track well below the long term average.

Murray Darling Rainfall Analysis (mm) Week Ending 12th August 2009
Product of the National Climate Centre



<http://www.bom.gov.au>

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River Operations

Storage in Dartmouth Reservoir increased by 6 GL to 894 GL (or 23% capacity), which is slightly higher than this time last year (745 GL). The Storage in Hume Reservoir increased by 28 GL to 558 GL (or 18% capacity), which is lower than this time last year (709 GL). Releases from Dartmouth and Hume Dams remain at their normal minimums of 200 and 600 ML/day respectively. The flow at Doctors Point (near Albury) remains steady at about 2,000 ML/day due to continuing inflows from the Kiewa River.

Lake Mulwala is continuing to refill and over the past week the water level rose from 123.65 to 124.09 m AHD (or 0.81 m below Full Supply Level), this rise equates to an increase in volume of about 14 GL over the week. The release from Yarrawonga Weir has increased from 1,800 to 2,000 ML/day and further small increases are expected over the coming weeks as warmer weather approaches and evaporative losses and diversions further downstream increase.

The pool level at Torrumbarry is steady at 85.86 m AHD (or 0.19 m below FSL) and the release is steady at around 1,950 ML/day. The release further downstream at Euston has decreased over the week from 2,700 to 1,900 ML/day.

Storage in Menindee Lakes (which remains under NSW control) is steady at 246 GL (or 14% capacity) and is considerably lower than this time last year (521 GL). The release from Menindee Lakes at Weir 32 has been increased to around 200 ML/day to ensure a flow along the length of the lower Darling. The flow at Burtundy is around 80 ML/day.

Storage in Lake Victoria is steady with 289 GL (43% capacity). The target flow to South Australia is steady at 1,800 ML/day and flow past Lock 1 averaged around 1,000 ML/day. The water level in Lake Alexandrina has been steadily increasing since April when it was around -1.04 m AHD and is now about -0.77 M AHD. Likewise, Lake Albert's water level has increased from around -0.54 m AHD at the beginning of April and is now about -0.17m AHD.

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DAVID DREVERMAN
Executive Director, River Murray

Week ending Wednesday 12 Aug 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	419.66	894	23%	80	814	+6
Hume Reservoir	192.00	3 038	173.99	558	18%	30	528	+28
Lake Victoria	27.00	677	23.45	289	43%	100	189	-2
Menindee Lakes		1 731 *		246	14%	(- -) #	0	-1
Total		9 352		1 987	21%	--	1 531	+31

* Menindee surcharge capacity 2050 GL

% of Total Active MDBA Storage = **18%**

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		396	39%	3	393	-4
Blowering Reservoir	1 631		669	41%	24	645	+8
Eildon Reservoir	3 334		601	18%	100	501	+24

Snowy Mountains Scheme

Snowy diversions for week ending 11-Aug-2009

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2009
Lake Eucumbene - Total	519	+28	Snowy-Murray	+2	224
Snowy-Murray Component	256	+3	Tooma-Tumut	+9	87
Target Storage	1 190		Nett Diversion	-6.9	137
			Murray 1 Release	+10	297

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)	4.0	14.1	Yarrawonga Main Channel (net)	1.1	1
Wakool Sys Allowance	0.0	-.4	Torrumbarry System + Nyah (net)	0.0	
Western Murray Irrig.	0.1	.5	Sunraysia Pumped Districts	0.0	1
Licensed Pumps	0.6	4.1	Licensed pumps - GMW (Nyah+u/s)	0.0	
Lower Darling	0.0	.2	Licensed pumps - LMW	1.5	5
TOTAL	4.7	18.5	TOTAL	2.6	7

* 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	124 *	
Flow this week	12.5	(1 800 ML/day)
Flow so far this month	22	
Flow last month	56	

* Reduced to approx. 56 GL during August drought contingency operations

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2009
Swan Hill	130	70	70
Euston	110	100	100
Red Cliffs	130	130	130
Merbein	100	100	100
Burtundy (Darling)	380	390	380
Lock 9	150	150	150
Lake Victoria	200	220	210
Berri	470	440	430
Waikerie	-	450	450
Morgan	520	510	500
Mannum	600	610	600
Murray Bridge	680	690	690
Milang (Lake Alex.)	4 980	4 980	4 970
Poltalloch (Lake Alex.)	4 970	4 750	5 010
Meningie (Lake Alb.)	9 320	9 340	9 350
Goolwa Barrages	20 510	20 810	21 170

Week ending Wednesday 12 Aug 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	-	-	-	3 010	R	2 020	2 050
Jingellic	4.0	1.57	208.09	3 690	R	3 380	4 170
Tallandoon (Mitta Mitta River)	4.2	1.41	218.30	500	R	500	500
Heywoods	5.5	1.20	154.83	660	R	610	600
Doctors Point	5.5	1.64	150.11	2 000	F	2 190	2 080
Albury	4.3	0.78	148.22	-	-	-	-
Corowa	7.0	0.74	126.76	2 230	F	2 200	1 940
Yarrawonga Weir (d/s)	6.4	0.36	115.40	1 990	R	1 840	1 820
Tocumwal	6.4	0.76	104.60	1 970	S	1 980	1 990
Torrumbarry Weir (d/s)	7.3	0.85	79.40	1 900	F	1 920	1 950
Swan Hill	4.5	0.54	63.46	1 750	S	1 780	1 980
Wakool Junction	8.8	1.27	50.39	1 850	F	2 020	2 380
Euston Weir (d/s)	8.8	0.50	42.34	1 990	F	2 280	2 640
Mildura Weir (d/s)	-	-	-	2 530	F	2 450	2 810
Wentworth Weir (d/s)	7.3	2.80	27.56	1 960	S	1 910	2 410
Rufus Junction	-	2.45	19.38	1 150	S	1 120	1 230
Blanchetown (Lock 1 d/s)	-	-0.72	-	980	S	990	1 020
Tributaries							
Kiewa at Bandiana	2.7	1.66	154.89	1 630	F	1 820	1 670
Ovens at Wangaratta	11.9	8.67	146.35	2 710	F	2 950	2 590
Goulburn at McCoys Bridge	9.0	1.02	92.44	240	S	230	180
Edward at Stevens Weir (d/s)	-	0.43	80.20	180	S	190	190
Edward at Liewah	-	0.47	55.85	190	R	180	270
Wakool at Stoney Crossing	-	0.99	54.48	10	S	10	10
Murrumbidgee at Balranald	5.0	0.36	56.32	150	S	150	210
Barwon at Mungindi	-	3.26	-	130	F	190	220
Darling at Bourke	-	4.09	-	290	S	340	460
Darling at Burtundy Rocks	-	0.70	-	70	F	90	60

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	5 800	6 850
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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	-0.81	-	No. 7 Rufus River	22.10	-0.02	+0.14
No 26 Torrumbarry	86.05	-0.19	-	No. 6 Murtho	19.25	-0.09	-0.02
No. 15 Euston	47.60	-0.01	-	No. 5 Renmark	16.30	+0.05	+0.10
No. 11 Mildura	34.40	+0.04	+0.04	No. 4 Bookpurnong	13.20	+0.07	+0.18
No. 10 Wentworth	30.80	+0.03	+0.16	No.3 Overland Corner	9.80	+0.02	+0.17
No. 9 Kulnine	27.40	+0.02	-0.02	No. 2 Waikerie	6.10	+0.10	+0.11
No. 8 Wangumma	24.60	+0.01	+0.08	No 1. Blanchetown	3.20	+0.09	-1.47

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.95	0.515	69.865	178
No. 5 Redbank	66.90	-0.44	0.007	61.307	160

Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	-0.77

Barrages

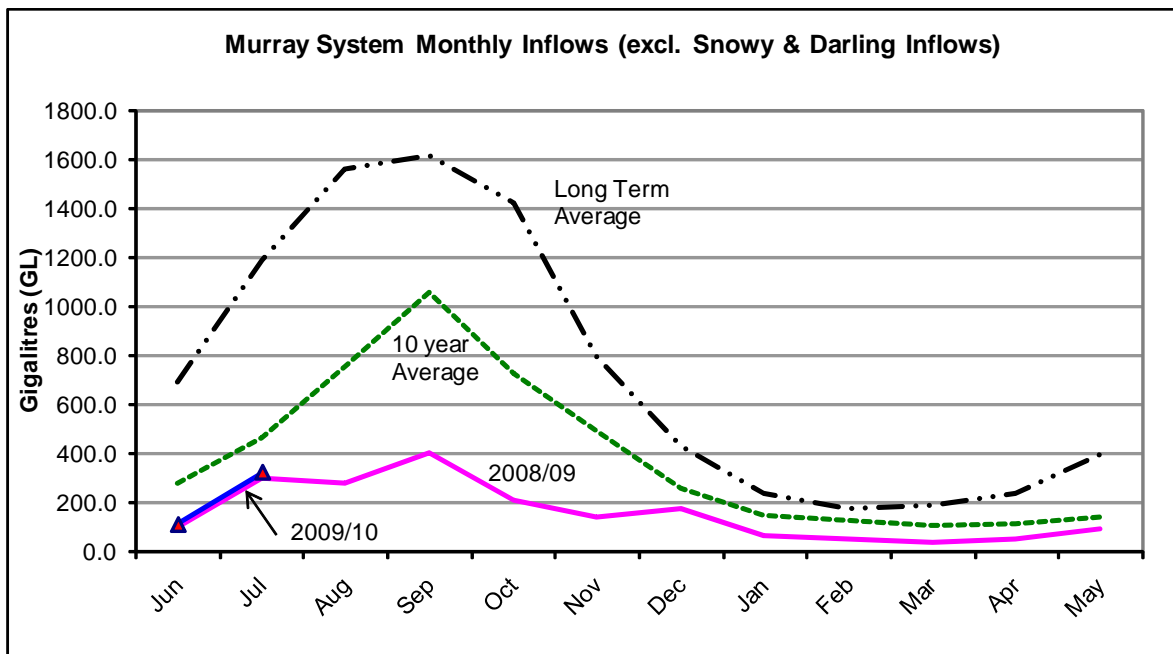
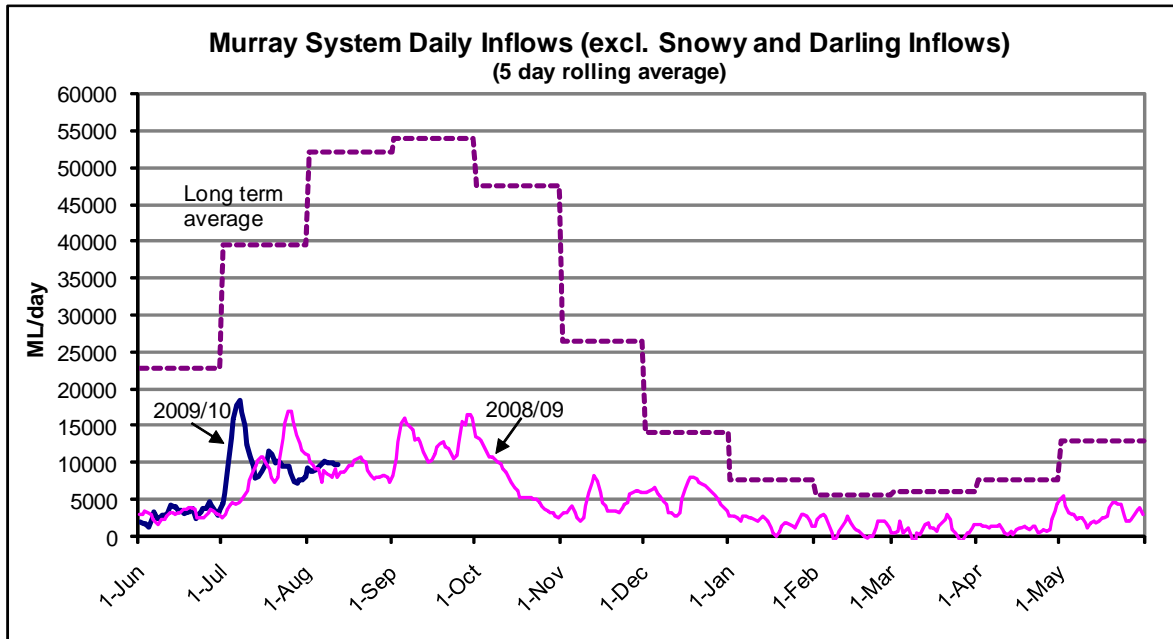
Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	-0.69	All closed	-	Closed
Mundoo	26 openings	-	All closed	-	-
Boundary Creek	6 openings	-	All closed	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwitchere	322 gates	-	All closed	Closed	Closed

AHD = Level relative to Australian Height Datum, i.e. height above sea level



Week ending Wednesday 12th August 2009



State Allocations (as at 12th August 2009)

NSW - Murray Valley

High security	8%
General security	0%

Victoria - Murray Valley

high reliability	0%
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NSW - Murrumbidgee Valley

High security	5%
General security	0%

Victoria - Goulburn Valley

high reliability	0%
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NSW - Lower Darling

High security	100%
General security	0%

South Australia - Murray Valley

High security	5%
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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>