



RIVER MURRAY WEEKLY REPORT

FOR THE WEEK ENDING WEDNESDAY, 14 JULY 2010

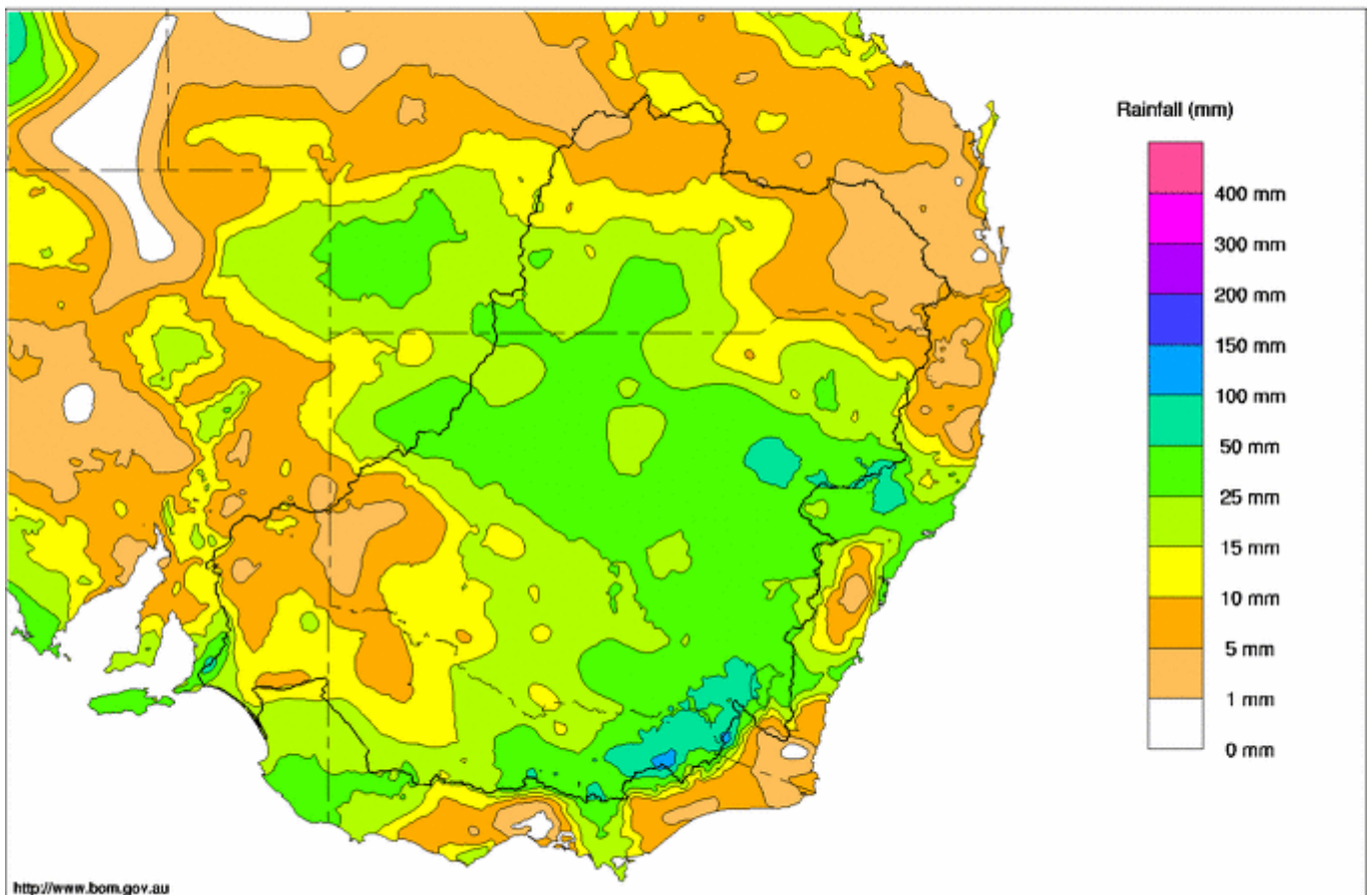
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Rainfall and Inflows

For the week ending 14 July 2010, widespread rainfall was recorded across the Murray–Darling Basin. Good falls were recorded in the Victorian Alps with Mt Buffalo receiving 178 mm and many other areas recording up to 100 mm. In the Snowy Mountains, Thredbo received 131 mm. Welcome falls of up to 50 mm also fell in the Riverina and central NSW

Streamflows responded well in the Upper Murray tributaries, as the catchments were primed from previous rain. For instance, Biggara on the Upper Murray rose to 6,700 ML/day. This is the highest flow at this site since September 2008. On Thursday 15 July at Rocky Point, on the Ovens River, the flow rose to above 15,000 ML/day, the highest flow since September 2005. A week earlier, the flow was around 1,700 ML/day.

Murray Darling Rainfall Totals (mm) Week Ending 14th July 2010
Product of the National Climate Centre



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

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Issued: 14/07/2010



River Operations

MDBA active storage (including Menindee Lakes) increased by 68 GL to 3,410 GL (39% capacity). Dartmouth Reservoir's total storage increased by 10 GL during the week and is currently at 1,301 GL (33% capacity). Total storage at Hume Reservoir increased by 48 GL to 882 GL (30% capacity). Releases from these two reservoirs remain at winter minimums.

Inflows to Lake Mulwala rose during the week from 5,900 to 8,100 ML/day on Thursday 15 July. Inflows will significantly increase over the coming days as the rising flows from the Kiewa and Ovens Rivers arrive.

The release from Yarrawonga Weir has increased from 5,600 ML/day last week, to 9,600 ML/day on Thursday 15 July and will continue to increase to about 17,000 over the coming weekend. This release will exceed channel capacity downstream and therefore a number of forest regulators will be opened in the Barmah and Millewa Forests to help pass these flows. This will be the first time since 2005 that natural flows have entered the forests, albeit at relatively low rates. All the water passing through the forest will be re-regulated downstream, including at Lake Victoria.

On the Edward River, the flow from the Murray is currently being regulated to around 600 ML/day, and will be increased to around 1,300 ML/day as the higher flows arrive from upstream. Partial refilling of Stevens Weir pool on the Edward River will begin on Friday 16 July in preparation to deliver domestic and stock water to Murray Irrigation's Wakool Irrigation District.

Further downstream on the Murray, the flows past Torrumbarry Weir are around 3,500 ML/day and as the higher releases from Yarrawonga arrive, is expected to considerably increase. The pool levels at Torrumbarry, Euston, Mildura and Wentworth Weirs have remained steady at close to Full Supply Level. The small pulse travelling down the system from previous rain has now peaked at Euston where the flow is about 7,300 ML/day.

The Mildura Weir pool drawdown has been slightly delayed and the drawdown commencement will now occur a few days later than the original target date of 19 July. However, the planned refilling of the Mildura Weir pool has not changed and will still be raised back to Full Supply Level by mid August.

At Wentworth Weir (Lock 10), upgrade works will mean the lock will be out of operation from about 9 am to 11 am on both Wednesday 21 July and on Friday 23 July. Outside of these hours, NSW State Water plans to have the lock fully operational.

The total storage volume in Menindee Lakes has increased by 12 GL to 1,541 GL (89% capacity). Due to light to moderate rainfall in western NSW, the flow on the Darling River at Wilcannia rose from around 2,000 on Tuesday 13 July to around 2,100 ML/day on Wednesday 14 July. The release from Menindee Lakes remains at the normal winter minimum of 200 ML/day.

Lake Victoria's total storage remained fairly steady with a decrease of 2 GL to 346 GL (51% capacity) and is expected to gradually increase over the coming week as flows from the pulse now at Euston begin arriving.

Lake Alexandrina's water level is now at -0.09 m AHD and is rising steadily, in part, due to recent local rainfall. The level in Goolwa Channel has risen to +0.13 and the water level in Lake Albert is currently -0.40 m AHD

For media inquiries contact: Sam Leone on 02 6279 0141

DAVID DREVERMAN
Executive Director, River Murray



Week ending Wednesday 14 Jul 2010

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	433.20	1 301	33%	80	1 221	+10
Hume Reservoir	192.00	3 038	177.78	912	30%	30	882	+48
Lake Victoria	27.00	677	24.01	346	51%	100	246	-2
Menindee Lakes		1 731 *		1 541	89%	(480 #)	1 061	+12
Total		9 352		4 100	44%	--	3 410	+68

* Menindee surcharge capacity 2050 GL

% of Total Active MDBA Storage = **39%**

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	442	43%	3	439	+12
Blowering Reservoir	1 631	819	50%	24	795	+15
Eildon Reservoir	3 334	964	29%	100	864	+25

Snowy Mountains Scheme

Snowy diversions for week ending 13-Jul-2010

Storage	Active storage (GL)	Weekly change (GL)	Diversions (GL)	This week	From 1 May 2010
Lake Eucumbene - Total	530	+9	Snowy-Murray	+14	253
Snowy-Murray Component	406	+16	Tooma-Tumut	+6	50
Target Storage	1 170		Nett Diversion	7.7	203
			Murray 1 Release	+21	294

Major Diversions from Murray and Lower Darling (GL) *

New South Wales			Victoria		
	This week	From 1 July 2010		This week	From 1 July 2010
Murray Irrig. Ltd (Net)	0.0	0.0	Yarrowonga Main Channel (net)	0.0	0.0
Wakool Sys Allowance	-0.1	0.0	Torrumbary System + Nyah (net)	13.4	15.0
Western Murray Irrig.	0.0	0.0	Sunraysia Pumped Districts	0.4	0.0
Licensed Pumps	0.2	1.0	Licensed pumps - GMW (Nyah+u/s)	0.0	0.0
Lower Darling	0.0	0.0	Licensed pumps - LMW	0.8	2.0
TOTAL	0.1	1.0	TOTAL	14.6	17.0

* 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	108.5 *	(4 700 ML/day)
Flow this week	32.9	
Flow so far this month	64.5	
Flow last month	127.4	

* Flow to SA in July includes undelivered entitlement flow from previous months

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2009
Swan Hill	40	40	60
Euston	70	80	90
Red Cliffs	100	100	110
Merbein	80	90	100
Burtundy (Darling)	250	250	390
Lock 9	130	130	140
Lake Victoria	180	190	200
Berri	250	250	290
Waikerie	-	-	350
Morgan	320	320	420
Mannum	300	300	480
Murray Bridge	310	310	640
Milang (Lake Alex)	4 170	4 300	5 440
Poltalloch (Lake Alex)	1 470	1 440	3 870
Meningie (Lake Alb)	13 320	13 900	13 280
Goolwa Barrages	20 840	20 330	16 110

Week ending Wednesday 14 Jul 2010

Water in Storage

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Week ending Wednesday 14 Jul 2010

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	-	-	-	7 930	R	4 370	5 750
Jingellic	4.0	2.00	208.52	7 280	R	6 070	7 220
Tallandoon (Mitta Mitta River)	4.2	1.76	218.65	1 300	R	670	640
Heywoods	5.5	1.20	154.83	600	S	600	600
Doctors Point	5.5	1.68	150.15	2 190	R	1 750	2 390
Albury	4.3	0.82	148.26	-	-	-	-
Corowa	7.0	0.57	126.59	1 650	R	1 710	2 520
Yarrawonga Weir (d/s)	6.4	1.00	116.04	5 250	S	4 940	7 250
Tocumwal	6.4	1.46	105.30	5 440	R	5 500	7 610
Torrumbarry Weir (d/s)	7.3	1.32	79.87	3 490	F	4 970	7 150
Swan Hill	4.5	1.10	64.02	5 210	F	6 580	5 340
Wakool Junction	8.8	2.72	51.84	7 040	F	7 160	4 990
Euston Weir (d/s)	8.8	1.69	43.53	7 340	R	6 540	4 550
Mildura Weir (d/s)	-	-	-	6 270	F	5 160	3 520
Wentworth Weir (d/s)	7.3	0.08	24.84	5 750	F	4 910	3 310
Rufus Junction	-	3.20	20.13	4 580	R	4 140	3 930
Blanchetown (Lock 1 d/s)	-	-0.03	-	3 680	R	3 350	2 990
Tributaries							
Kiewa at Bandiana	2.7	1.70	154.93	1 650	F	1 450	2 110
Ovens at Wangaratta	11.9	9.48	147.16	5 440	F	3 870	4 000
Goulburn at McCoys Bridge	9.0	1.21	92.63	510	F	590	1 390
Edward at Stevens Weir (d/s)	-	0.87	80.64	600	F	620	640
Edward at Liewah	-	1.30	56.68	700	R	610	410
Wakool at Stoney Crossing	-	1.16	54.65	90	R	90	100
Murrumbidgee at Balranald	5.0	0.40	56.36	180	R	170	200
Barwon at Mungindi	-	3.20	-	80	R	50	90
Darling at Bourke	-	4.06	-	220	R	100	90
Darling at Burtundy Rocks	-	0.80	-	280	F	280	290

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	7 630	5 340
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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	-0.20	-	No. 7 Rufus River	22.10	+0.13	+0.89
No 26 Torrumbarry	86.05	-0.01	-	No. 6 Murtho	19.25	+0.04	+0.05
No. 15 Euston	47.60	+0.00	-	No. 5 Renmark	16.30	+0.06	+0.39
No. 11 Mildura	34.40	+0.02	+0.20	No. 4 Bookpurnong	13.20	+0.07	+0.60
No. 10 Wentworth	30.80	+0.03	-2.56	No.3 Overland Corner	9.80	+0.04	+0.27
No. 9 Kullnine	27.40	+0.10	-0.07	No. 2 Waikerie	6.10	+0.06	+0.18
No. 8 Wangumma	24.60	-0.10	+0.58	No 1. Blanchetown	3.20	+0.03	-0.78

Murrumbidgee	FSL (mAHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.00	0.5	69.85	242
No. 5 Redbank	66.90	-0.06	0.042	61.342	184

Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	-0.09

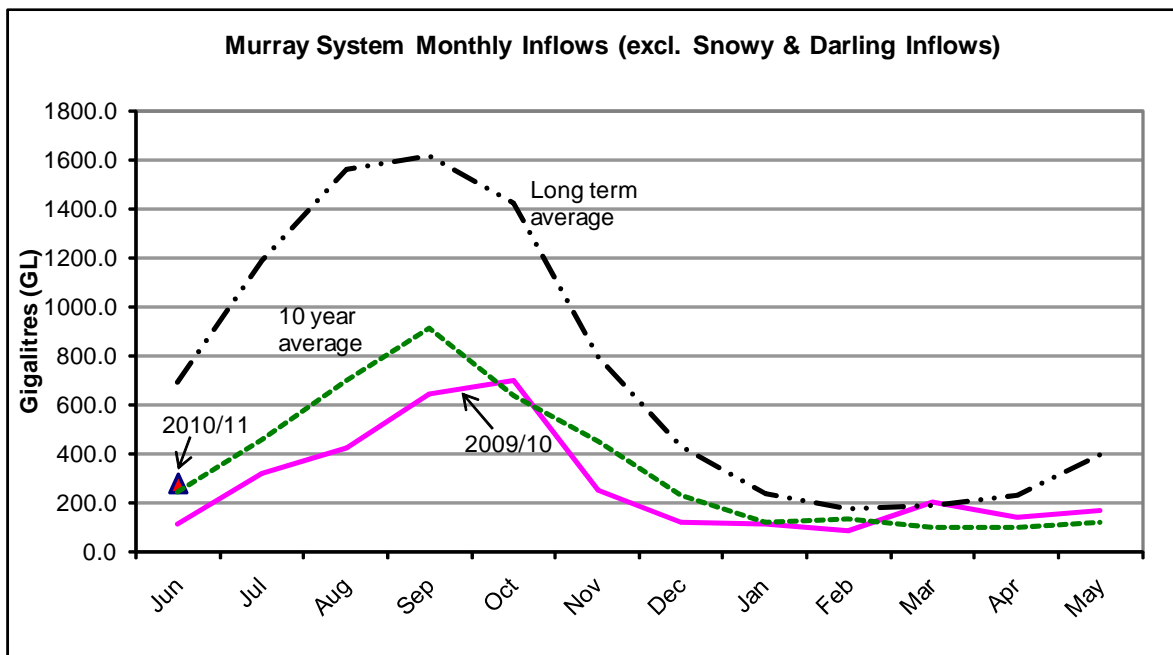
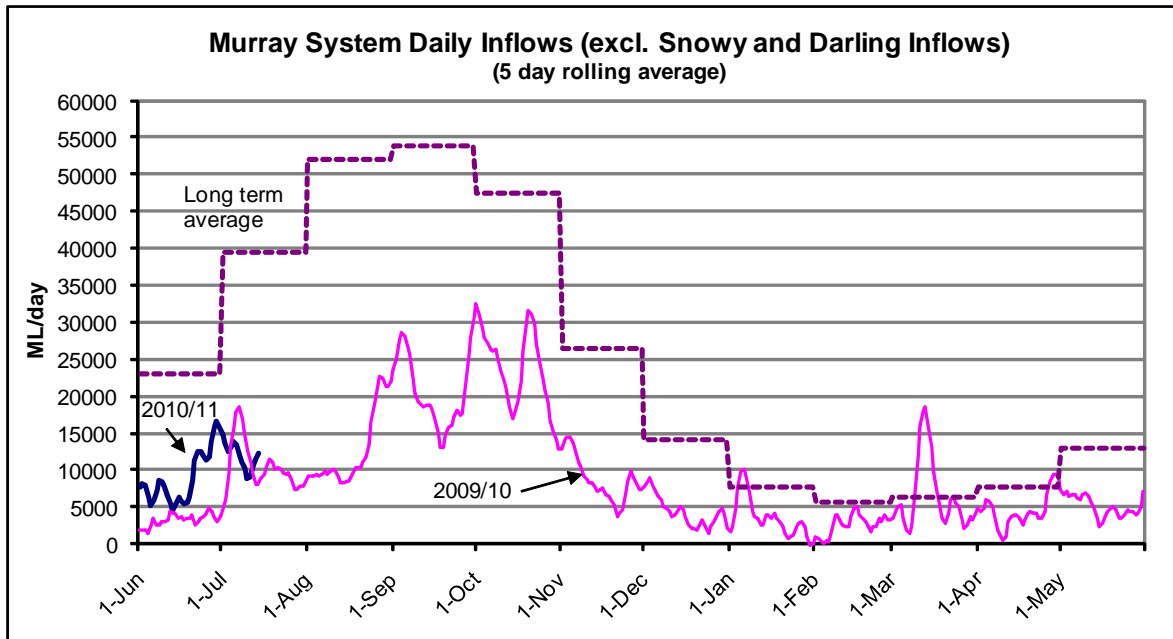
Barrages

Fishways @ Barrages

	Openings	Level (mAHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	0.11	All closed	-	Closed
Mundoo	26 openings	-	All closed	-	-
Boundary Creek	6 openings	-	All closed	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwichee	322 gates	-	All closed	Closed	Closed



Week ending Wednesday 14 July 2010



State Allocations (as at 14 July 2010)

NSW - Murray Valley

High security	0%
General security	0%

Victoria - Murray Valley

High reliability	0%
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NSW - Murrumbidgee Valley

High security	30%
General security	0%

Victoria - Goulburn Valley

High reliability	0%
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NSW - Lower Darling

High security	100%
General security	100%

South Australia - Murray Valley

High security	24%
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