REPORT FOR THE WEEK ENDING

Wednesday, 13 July 2005

Our Ref : M2005/00066/prs/dg **15 July, 2005**
Trim Ref 05/10429

River Murray Water
A Business Unit of MDBC

Rainfall and Inflow

Rainfall this week was highest in southern NSW and north eastern Victoria, with up to 70 mm falling in parts of the Murray, Mitta Mitta and Murrumbidgee catchments. This temporarily increased the inflow to Hume and Dartmouth Reservoirs to about 15 000 ML/day and 5 000 ML/day respectively, which are the highest inflow rates received this winter. The storage level of Dartmouth Reservoir increased by 24 GL to 1 783 GL (46% capacity), while storage in Hume Reservoir increased by 78 GL to 1 045 GL (34% capacity).

In the Darling River catchment, the flow in the Barwon River at Walgett peaked at 22 000 ML/day on 12 July 2005 as a result of the heavy rain that fell in northern NSW during early July. Further downstream, the flow in the Darling River at Bourke is gradually rising and is currently at 8 000 ML/day. Inflow to Menindee Lakes from this event is expected to be relatively small, about 70GL, which represents about 4% of the total storage of the Lakes. Storage in Menindee Lakes is currently 332 GL (32% capacity).

River Murray Operations

The Dartmouth Dam power station entitlement release has ceased and consequently the release from the dam has been reduced from 400 ML/day to the minimum release of 200 ML/day. The release from Hume Dam has been maintained at the minimum level of 600 ML/day.

Diversions into the Mulwala Canal and National Channel will commence over the coming week to start filling channels in preparation for the 2005-06 irrigation season. NSW State Water has also announced that they will commence refilling Stevens Weir pool (Edward River) on 22 July 2005 to enable diversions into the Wakool Main Canal to begin in early August.

The release from Torrumbarry Weir has been increased to 6 200 ML/day and the upstream pool level has been gradually lowered to 85.88 m AHD, which is 17 cm below the full supply level of 86.05 m. The pool level will be lowered further over the coming week so that by 20 July 2005 it will be about 40 cm below the full supply level. The temporary lowering of the weir pool will finish in early August and is being undertaken to enable an inspection of river bank erosion.

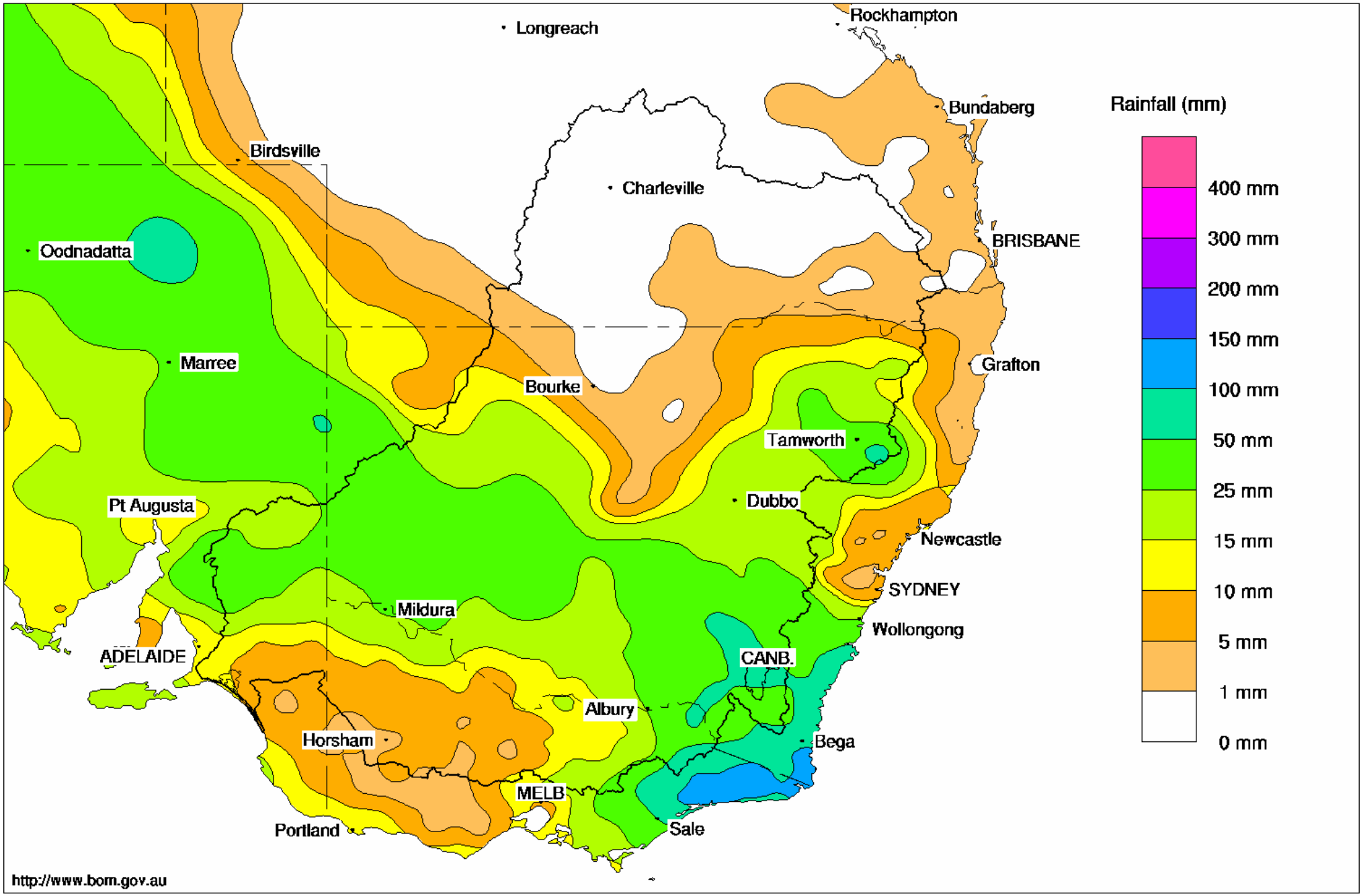
The flow between Euston Weir and Wentworth Weir is steadily increasing as a result of higher inflows from the Ovens and Kiewa catchments in late June. Over the coming week, the release downstream of Euston Weir is expected to increase to about 8 000 ML/day. This higher flow will be re-regulated in Lake Victoria storage, which is currently at 361 GL (53% capacity).

DAVID DREVERMAN
General Manager

River Murray Water
Sverdrup House ◆ 15 Moore Street Canberra ACT ◆ GPO Box 409 Canberra ACT 2601
Switchboard (02) 6279 0100 ◆ Weekly Report Enquiries (02) 6279 0126 ◆ Facsimile (02) 6230 6005
Internet : www.mdbc.gov.au

Murray Darling Rainfall Analysis (mm) Week Ending 13th July 2005

Product of the National Climate Centre



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Week ending Wednesday 13 Jul 2005

Water in Storage

MDBC Storages	Full Supply Level (m AHD)	Full Supply Volume (GL)	Current Storage Level (m AHD)	Current Storage (GL)	Current Storage %	Dead Storage (GL)	MDBC Active Storage (GL)	Change in Storage for the week (GL)
Dartmouth Reservoir	486.00	3 906	446.11	1 783	46%	80	1 703	+24
Hume Reservoir	192.00	3 038	179.02	1 045	34%	30	1 015	+78
Lake Victoria	27.00	677	24.16	361	53%	100	261	+16
Menindee Lakes		1 731 *		332	19%	(- -) #	0	+4
Total		**9 352**		**3 521**	**38%**	**- -**	**2 979**	**+122**

* Menindee surcharge capacity 2050 GL % of Total Active MDBC Storage = **35%**

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

Major State Storages

Burrinjuck Reservoir	1 026		336	33%	3	333	+61
Blowering Reservoir	1 631		378	23%	24	354	+58
Eildon Reservoir	3 390		965	28%	100	865	+12

Snowy Mountains Scheme

Snowy diversions for week ending 12-Jul-2005

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2005
Lake Eucumbene - Total	1 810	+2	Snowy-Murray	+15	238
Snowy-Murray Component	792	-2	Tooma-Tumut	+9	38
Target Storage	1 170		Nett Diversion	6.1	200
			Murray 1 Release	+23	272

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2005
Murray Irrig. Ltd (Net)	.0	.0
Wakool System loss	0.4	.5
Western Murray Irrig.	0.0	.0
Licensed Pumps	0.5	1.3
Lower Darling	0.0	.1
TOTAL	**1.0**	**1.9**

Victoria	This week	From 1 July 2005
Yarrawonga Main Channel (net)	.0	
Torrumbarry System + Nyah (net)	0.0	
Sunraysia Pumped Districts	0.1	
Licensed pumps - GMW (Nyah+u/s)	0.5	1
Licensed pumps - SRW	1.6	3
TOTAL	**2.2**	**4**

Flow to South Australia (GL)

Entitlement this month	108.5	
Flow this week	25.1	(3 600 ML/day)
Flow so far this month	46	
Flow last month	91	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2004
Swan Hill	150	180	120
Euston	120	140	120
Red Cliffs	190	180	140
Merbein	130	120	130
Burtundy (Darling)	520	520	540
Lock 9	190	180	150
Lake Victoria	190	200	190
Berri	310	340	250
Waikerie	-	470	370
Morgan	430	430	380
Mannum	430	420	450
Murray Bridge	420	410	460
Milang (Lake Alex.)	1 390	1 390	1 360
Poltalloch (Lake Alex.)	960	990	1 090
Meningie (Lake Alb.)	1 940	2 010	2 160
Goolwa Barrages	3 110	3 200	2 150

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River Levels and Flows

River Murray	Minor Flood stage (m)	Gauge height local (m)	Gauge height (m AHD)	Flow (ML/day)	Trend	Average flow this week (ML/day)	Average flow last week (ML/day)
Khancoban	-	-	-	4 380	S	3 960	3 810
Jingellic	4.0	2.22	208.74	9 180	F	9 360	7 270
Tallandoon (Mitta Mitta River)	4.2	1.71	218.60	1 550	R	1 520	1 300
Heywoods	5.5	1.19	154.82	600	S	600	600
Doctors Point	5.5	1.70	150.17	2 030	R	2 100	2 150
Albury	4.3	0.84	148.28	-	-	-	-
Corowa	7.0	0.84	126.86	2 280	F	2 440	2 360
Yarrawonga Weir (d/s)	6.4	1.16	116.20	6 000	S	6 790	5 990
Tocumwal	6.4	1.65	105.49	5 970	F	6 900	5 890
Torrumbarry Weir (d/s)	7.3	2.22	80.77	6 550	R	5 770	6 370
Swan Hill	4.5	1.15	64.07	5 480	R	5 500	5 940
Wakool Junction	8.8	2.69	51.81	6 690	F	7 050	5 700
Euston Weir (d/s)	8.8	1.55	43.39	7 680	R	7 400	5 270
Mildura Weir (d/s)		-	31.02	7 660	F	6 640	4 040
Wentworth Weir (d/s)	7.3	3.04	27.80	7 250	S	6 130	3 660
Rufus Junction	-	2.93	19.86	3 010	R	3 070	2 920
Blanchetown (Lock 1 d/s)	-	-	-	4 460	S	4 370	3 680
Tributaries							
Kiewa at Bandiana	2.7	1.68	154.91	1 750	R	1 820	1 870
Ovens at Wangaratta	11.9	8.72	146.40	2 759	F	3 130	3 700
Goulburn at McCoys Bridge	9.0	1.29	92.71	572	F	620	670
Edward at Stevens Weir (d/s)	-	-	-	1 580	F	1 370	1 480
Edward at Liewah	-	2.19	57.57	1 560	R	1 240	600
Wakool at Stoney Crossing	-	0.29	54.78	189	F	190	120
Murrumbidgee at Balranald	5.0	0.84	56.80	410	F	580	230
Barwon at Mungindi	-	3.47	-	680	F	810	350
Darling at Bourke	-	4.75	-	5 977	R	2 400	170
Darling at Burtundy Rocks	-	0.69	-	61	S	60	60

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	14 140	10 970

Weirs and Locks

Pool levels above or below design level

Murray	FSL (m AHD)	u/s	d/s		FSL (m AHD)	u/s	d/s
Yarrawonga	124.90	-0.10	-	No. 7 Rufus River	22.10	+0.13	+0.65
No 26 Torrumbarry	86.05	-0.13	-	No. 6 Murtho	19.25	+0.03	+0.03
No. 15 Euston	47.60	-0.02	-	No. 5 Renmark	16.30	+0.04	+0.13
No. 11 Mildura	34.40	+0.04	+0.22	No. 4 Bookpurnong	13.20	+0.05	+0.50
No. 10 Wentworth	30.80	+0.02	+0.40	No.3 Overland Corner	9.80	+0.07	+0.19
No. 9 Kulnine	27.40	+0.06	+0.04	No. 2 Waikerie	6.10	+0.04	+0.14
No. 8 Wangumma	24.60	+0.05	+0.16	No 1. Blanchetown	3.20	+0.04	+0.01

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht. local (m)	d/s gauge ht. (m AHD)	Flow (ML/day)
No. 7 Maude	75.40	-0.04	1.26	70.61	1310
No. 5 Redbank	66.90	+0.09	0.31	61.61	426

Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	0.80

Barrages

	Openings	Level (m AHD)	Status
Goolwa	128 openings	0.87	All closed
Mundoo	26 openings	0.84	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwitchere	322 gates	0.84	All closed

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

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