REPORT FOR THE WEEK ENDING

Wednesday, 15 June 2005

Our Ref : M2005/00066/prs **17 June, 2005**
Trim Ref : *05/7085*

River Murray Water
A Business Unit of MDBC

Rainfall and Inflow

Very welcome widespread rain fell across the Basin this week, totalling in excess of 100 mm at several sites in north east Victoria (*see attached map*). Most of this rain has infiltrated the soil as a result of the very dry conditions during autumn and has consequently generated very little runoff. There has been only a small and short-lived response in stream flow. Further significant rainfall over the coming months will be required to provide higher and sustained inflows to the River Murray System.

In the north of the Basin, rainfall totals greater than 75 mm were recorded in north east NSW and in western Queensland. While there has not been significant runoff from the NSW catchments, the Bureau of Meteorology has advised that some streams in the Paroo catchment in Queensland may exceed the minor flood level over the next few days. However, a larger flood event in the Paroo River is required for water to reach the Darling River.

River Murray Operation

In response to the recent rainfall, the release from Dartmouth Dam has been reduced from 400 ML/day to the minimum flow level of 200 ML/day. However, depending on the release requirements of the Dartmouth Dam power station, releases above the minimum flow may occur from time to time. The storage volume of Dartmouth Reservoir increased by 4 GL and is currently 44% capacity. The release from Hume Reservoir has been maintained at near minimum levels and this storage increased this week by 27 GL to 741 GL (25% capacity).

Local rain and a slightly higher inflow from the Ovens River during the week led to an increase to the level of Lake Mulwala. However as advised last week, RMW may temporarily lower the pool level of Lake Mulwala to 124.6m (0.3m below normal Full Supply Level) over the coming weeks to conserve water resources in Hume Reservoir.

In response to higher inflows to Lake Mulwala, the release from Yarrawonga Weir has been increased to 3 500 ML/day. Further downstream, the release from Torrumbarry Weir has been increased to 2 600 ML/day and the flow downstream of Euston Weir has been increased to 3 000 ML/day. Further increases in river flow are expected at these sites over the coming days.

The storage volume in Lake Victoria reduced this week by 4 GL and is currently 363 GL (54% capacity). The level of Lake Victoria is expected to continue falling over the coming weeks unless there is further significant rainfall. In South Australia, the level of the Lower Lakes is approximately 0.56 m AHD and the salinity at Milang remains high at about 1 470 EC

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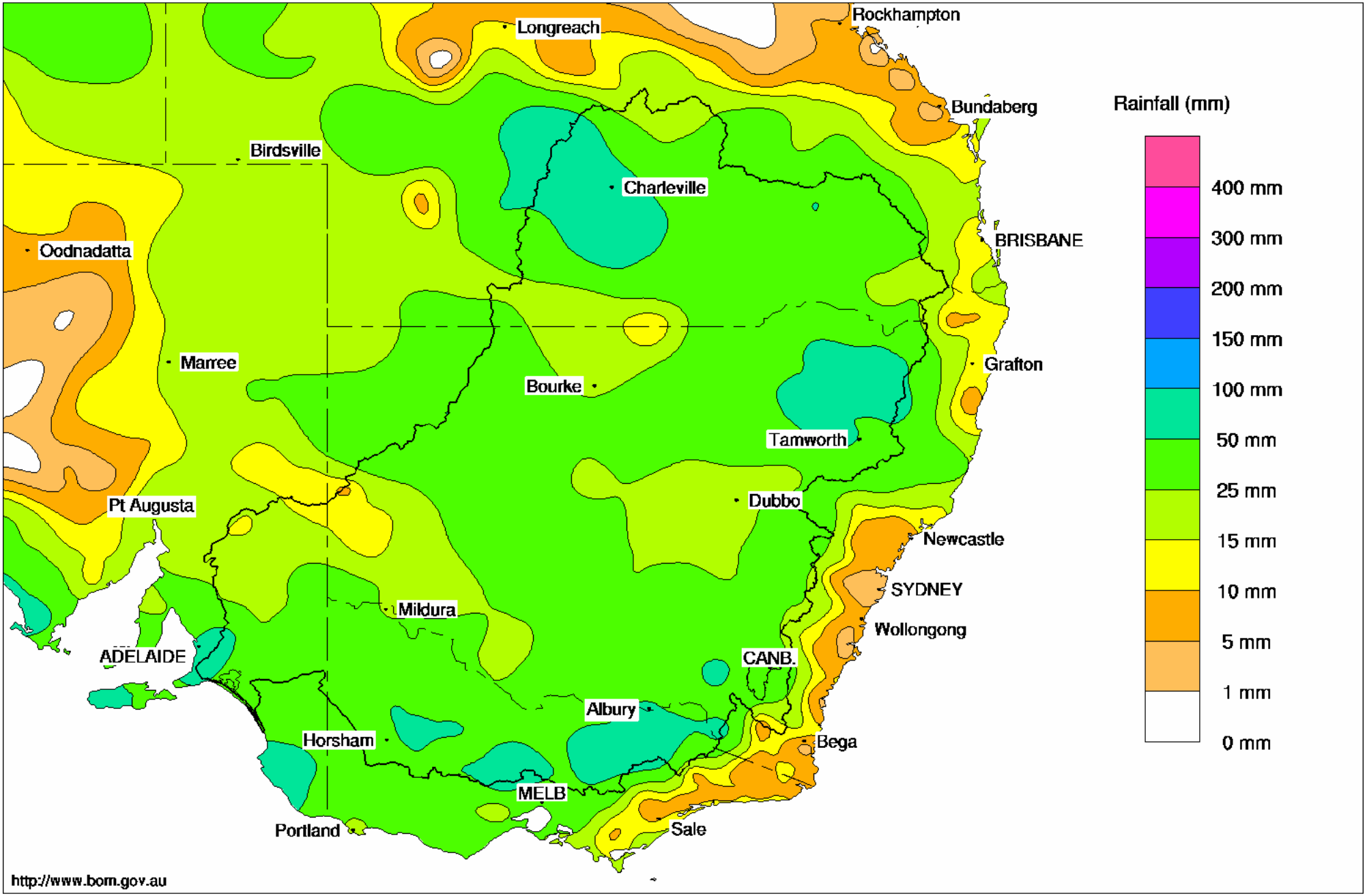
Murray Darling Rainfall Analysis (mm) Week Ending 15th June 2005

Product of the National Climate Centre



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Week ending Wednesday 15 Jun 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	444.53	1 718	44%	80	1 638	+4
Hume Reservoir	192.00	3 038	176.38	771	25%	30	741	+27
Lake Victoria	27.00	677	24.18	363	54%	100	263	-4
Menindee Lakes		1 731 *		331	19%	(- -) #	0	-3
Total		**9 352**		**3 184**	**34%**	**- -**	**2 642**	**+24**

* Menindee surcharge capacity 2050 GL % of Total Active MDBC Storage = **31%**

\# 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		240	23%	3	237	+2
Blowering Reservoir	1 631		205	13%	24	181	+21
Eildon Reservoir	3 390		905	27%	100	805	+10

Snowy Mountains Scheme

Snowy diversions for week ending 14-Jun-2005

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2005
Lake Eucumbene - Total	1 828	-17	Snowy-Murray	+11	168
Snowy-Murray Component	808	-4	Tooma-Tumut	+1	7
Target Storage	1 240		Nett Diversion	9.6	160
			Murray 1 Release	+15	172

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2004
Murray Irrig. Ltd (Net)	.0	843.2
Wakool System loss	0.1	25.6
Western Murray Irrig.	0.0	31.7
Licensed Pumps	2.8	337.3
Lower Darling	0.2	36.4
TOTAL	**3.1**	**1 274.2**

Victoria	This week	From 1 July 2004
Yarrawonga Main Channel (net)	.0	388
Torrumbarry System + Nyah (net)	0.0	635
Sunraysia Pumped Districts	0.0	163
Licensed pumps - GMW (Nyah+u/s)	0.4	50
Licensed pumps - SRW	1.6	258
TOTAL	**2.0**	**1 493**

Flow to South Australia (GL)

Entitlement this month	90	
Flow this week	21.3	(3 000 ML/day)
Flow so far this month	46	
Flow last month	93	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2004
Swan Hill	160	160	110
Euston	120	120	120
Red Cliffs	160	160	140
Merbein	120	120	130
Burtundy (Darling)	540	540	540
Lock 9	180	180	150
Lake Victoria	210	200	190
Berri	300	280	240
Waikerie	340	400	370
Morgan	440	420	380
Mannum	420	410	450
Murray Bridge	400	400	470
Milang (Lake Alex.)	1 470	1 480	1 360
Poltalloch (Lake Alex.)	-	-	1 090
Meningie (Lake Alb.)	-	-	2 170
Goolwa Barrages	3 510	2 500	2 020

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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	-	-	-	2 560	S	2 430	2 450
Jingellic	4.0	1.61	208.13	4 000	F	3 520	3 620
Tallandoon (Mitta Mitta River)	4.2	1.48	218.37	850	S	940	620
Heywoods	5.5	1.41	155.04	1 060	R	1 020	1 050
Doctors Point	5.5	1.62	150.09	1 640	R	1 800	1 280
Albury	4.3	0.79	148.23	-	-	-	-
Corowa	7.0	0.96	126.98	2 700	F	1 990	1 500
Yarrawonga Weir (d/s)	6.4	0.53	115.57	2 510	S	2 320	2 190
Tocumwal	6.4	0.97	104.81	2 440	R	2 300	2 170
Torrumbarry Weir (d/s)	7.3	1.14	79.69	2 660	R	2 550	2 340
Swan Hill	4.5	0.71	63.63	2 610	R	2 460	2 350
Wakool Junction	8.8	1.67	50.79	2 860	R	2 710	2 680
Euston Weir (d/s)	8.8	0.66	42.50	2 760	R	2 610	2 750
Mildura Weir (d/s)		-	30.84	2 780	F	2 700	2 660
Wentworth Weir (d/s)	7.3	2.79	27.55	2 500	S	2 530	2 470
Rufus Junction	-	2.89	19.82	2 790	R	2 470	2 480
Blanchetown (Lock 1 d/s)	-	-	-	3 670	F	3 900	2 110
Tributaries							
Kiewa at Bandiana	2.7	1.05	154.28	690	F	870	370
Ovens at Wangaratta	11.9	8.09	145.77	1 000	F	840	390
Goulburn at McCoys Bridge	9.0	1.24	92.66	504	R	410	380
Edward at Stevens Weir (d/s)	-	-	-	280	F	250	210
Edward at Liewah	-	0.69	56.07	316	S	300	320
Wakool at Stoney Crossing	-	0.22	54.71	114	S	90	70
Murrumbidgee at Balranald	5.0	0.50	56.46	214	F	220	190
Barwon at Mungindi	-	3.17	-	20	F	10	0
Darling at Bourke	-	3.98	-	72	S	40	10
Darling at Burtundy Rocks	-	0.67	-	36	S	30	40

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	3 060	2 140

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	-0.08	-	No. 7 Rufus River	22.10	+0.12	+0.59
No 26 Torrumbarry	86.05	-0.01	-	No. 6 Murtho	19.25	+0.04	-0.01
No. 15 Euston	47.60	+0.00	-	No. 5 Renmark	16.30	+0.02	+0.12
No. 11 Mildura	34.40	+0.03	+0.04	No. 4 Bookpurnong	13.20	+0.05	+0.42
No. 10 Wentworth	30.80	+0.02	+0.15	No.3 Overland Corner	9.80	+0.05	+0.19
No. 9 Kulnine	27.40	+0.02	+0.01	No. 2 Waikerie	6.10	+0.04	+0.11
No. 8 Wangumma	24.60	+0.02	+0.14	No 1. Blanchetown	3.20	+0.03	-0.23

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	-0.15	0.96	70.31	749
No. 5 Redbank	66.90	-1.56	0.12	61.42	244

Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	N/A

Barrages

	Openings	Level (m AHD)	Status
Goolwa	128 openings	0.54	All closed
Mundoo	26 openings	0.60	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwitchere	322 gates	-	All closed

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

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