

REPORT FOR THE WEEK ENDING

Wednesday, 10 September 2003

Our Ref: RMW305/01//01/ng:bwh

12 September, 2003



Rainfall and Inflows

Little or no rain was recorded across the Murray-Darling Basin with falls of between 1 and 5 mm along the Great Dividing Range in Victoria. Tributary inflows to the River Murray are continuing to recede. Inflows to Dartmouth and Hume Reservoirs are about 3 000 and 11 000 ML/day respectively and receding. Release from upper Murray storages remains at the minimum regulated requirement in order to maximise resource availability for the coming season.

As a result of recent rainfall events, 'natural' inflow to upper Murray storages for the period June to August 2003 inclusive was near median (that is, likely to be exceeded about 1 year in 2 over the long term). Total MDBC storage increased by 170 GL or from 39 to 41% of capacity over the week.

State Allocation Announcements

Following significant improvements in MDBC storage volumes over August, revised allocation announcements by the States in early September are summarised below:

State	Irrigation Allocation (Murray)	Recent Change
New South Wales	100% high security	0%
	17% general security	17%
Victoria	100% water right	42%
	0% sales	0%
South Australia	75% licensed entitlement	10%

System Operation

Release from Yarrawonga Weir was reduced from 18 000 to 11 000 ML/day as a result of recession of inflows from the Ovens River continue to recede, and further reductions will be made to about 6 000 ML/day next week if conditions remain dry. The Yarrawonga Weir access road will be closed for two weeks to permit maintenance work – *see Media Release attached*. Flow in the River Murray at Barmah peaked at about 14 100 ML/day on 9 September and is now receding very slowly as water drains from the Barmah-Millewa Forest.

Release from Stevens Weir on the Edward River peaked at about 7 800 ML/day on 7 September and is expected to fall to about 3 000 ML/day by mid September. Release from Euston Weir is currently peaking at about 19 500 ML/day and will begin to recede slowly next week.

Flows in South Australia

Flow to South Australia increased from 4 800 to 10 000 ML/day (mainly in response to the Goulburn River inflows of late August), and is expected to peak in mid September at about 12 000 ML/day. Consequently, release from the Barrages to the Goolwa Channel and Coorong has been further increased, and salinity downstream of Goolwa Barrage has declined from 3 400 to under 2 000 EC.

DAVID DOLE
General Manager

GOULBURN-MURRAY
WATER



MEDIA RELEASE

Tuesday, 9 September 2003

TEMPORARY CLOSURE OF YARRAWONGA WEIR ACCESS ROAD – AMENDED DATES



River Murray Water and Goulburn-Murray Water announced today that the Access Road across Yarrowonga Weir will be temporarily closed to all vehicles and stock to allow essential maintenance works to be carried out on the Northern Regulating Structure.

These works will require the Yarrowonga Weir access road to be closed to all traffic for approximately 2 weeks, commencing Tuesday 16 September 2003.

However, the Pedestrian Walkway will remain open during this period for pedestrians and cyclists.

River Murray Water and Goulburn-Murray Water regret any inconvenience that the completion of these essential works may cause.

Further details in regard to the temporary closure should be directed to Goulburn-Murray Water's Yarrowonga office on (03) 5744 3137.

Media enquiries contact:

Lawrie Kirk

Manager Communication

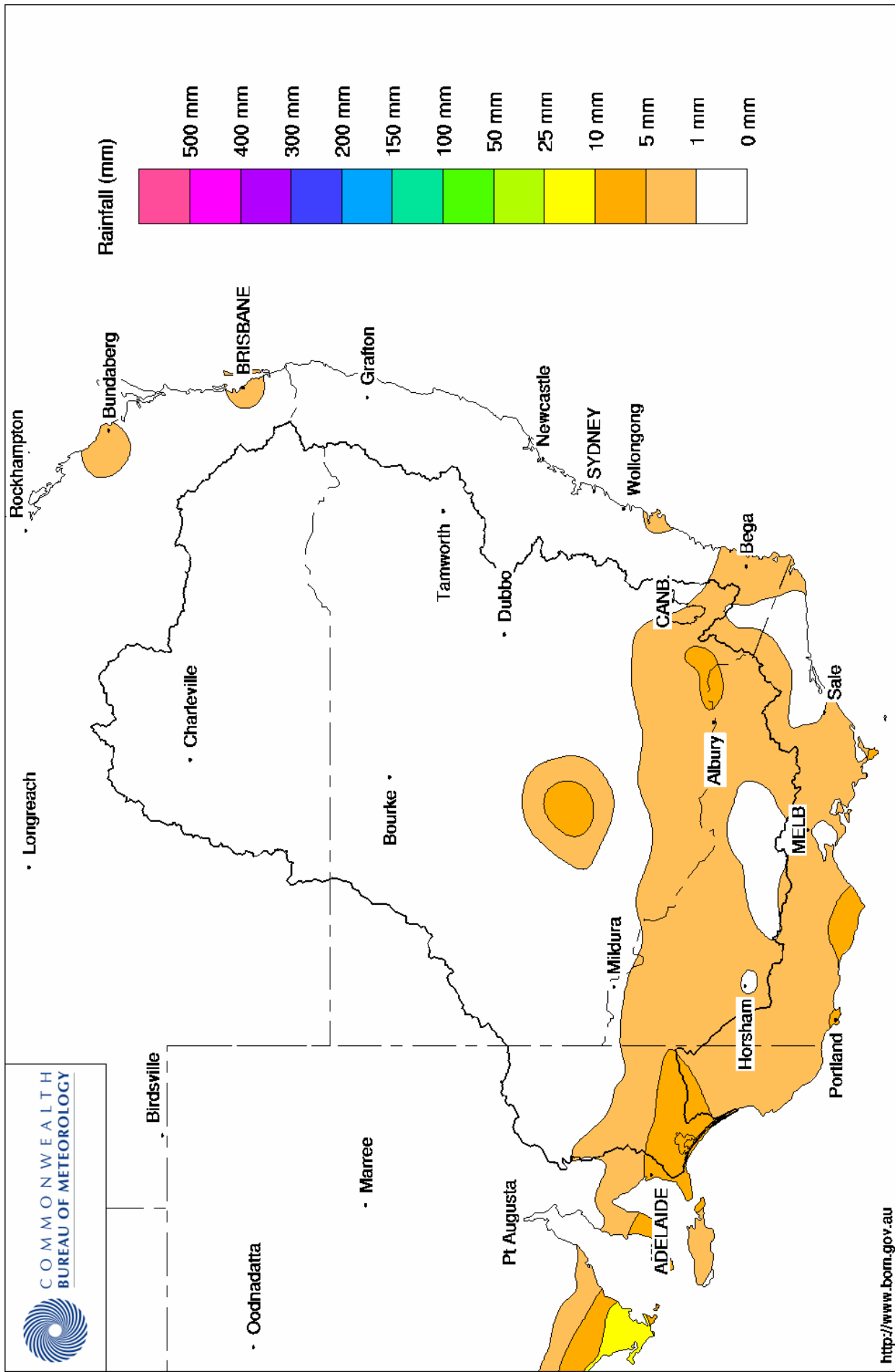
Phone: 02 6279 0100

E-mail: lawrie.kirk@mdbc.gov.au

(Lawrie Kirk is not to be quoted as a spokesperson)

Murray Darling Rainfall Analysis (mm) Week Ending 10th September 2003

Product of the National Climate Centre



Week ending Wednesday 10 Sep 2003

Water in Storage

MDBC Storages	Full Supply Level (m AHD)	Full Supply Volume (GL)	Current Storage Level (m AHD)	Current Storage		Dead Storage (GL)	Active Storage (GL)	Change in Storage for the week (GL)
				(GL)	%			
Dartmouth Reservoir	486.00	3 906	438.17	1 475	38%	80	1 395	+26
Hume Reservoir	192.00	3 038	183.54	1 609	53%	30	1 579	+99
Lake Victoria	27.00	680	26.02	572	84%	100	472	+45
Menindee Lakes		1 603 *		70	4%	640 #	0	-1
Total		9 227		3 725	40%	850	3 445	+170

* Menindee surcharge capacity 1916 GL

% of Total Active MDBC Storage = **41%**

NSW Menindee Lakes Reserve

Major State Storages

Burrinjuck Reservoir	1 026	293	29%	3	290	+13
Blowering Reservoir	1 631	756	46%	24	732	+39
Eildon Reservoir	3 390	1 012	30%	100	912	+50

Snowy Mountains Scheme

Snowy diversions for week ending 09-Sep-2003

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2003
Lake Eucumbene - Total	1 581	-18	Snowy-Murray	+23	476
Snowy-Murray Component	685	-9	Tooma-Tumut	+6	112
Target Storage	1 240		Nett Diversion	17.4	364
			Murray 1 Release	+29	592

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2003
Murray Irrig. Ltd (Net)	9.8	41.2
Wakool System loss	0.0	1.2
Western Murray Irrig.	0.2	.8
Licensed Pumps	3.5	11.3
Lower Darling	0.1	.7
TOTAL	13.6	55.2

Victoria	This week	From 1 July 2003
Yarrawonga Main Channel (net)	1.7	4
Torrumbarry System + Nyah (net)	3.2	38
Sunraysia Pumped Districts	1.1	3
Licensed pumps - GMW (Nyah+u/s)	0.0	
Licensed pumps - SRW	4.1	26
TOTAL	10.1	70

Flow to South Australia (GL)

Entitlement this month	135	
Flow this week	49.6	(7 100 ML/day)
Flow so far this month	64	
Flow last month	136	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2003
Swan Hill	200	200	130
Euston	190	160	130
Red Cliffs	150	110	120
Merbein	120	100	110
Burtundy (Darling)	1 720	1 680	1 650
Lock 9	140	130	180
Lake Victoria	150	240	240
Berri	230	270	360
Waikerie	520	510	550
Morgan	520	510	560
Mannum	580	570	530
Murray Bridge	-	590	540
Milang (Lake Alex.)	1 080	1 100	1 090
Poltalloch (Lake Alex.)	1 090	1 160	1 080
Meningie (Lake Alb.)	1 180	1 390	1 460
Goolwa Barrages	2 050	2 630	3 450

River Levels and Flows

	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)				
River Murray							
Khancoban	-	-	-	5 140	R	5 270	6 590
Jingellic	4.0	2.20	208.72	9 280	R	10 550	16 370
Tallandoon (Mitta Mitta River)	4.2	1.63	218.52	1 380	F	1 590	3 000
Heywoods	5.5	1.17	154.80	600	S	600	600
Doctors Point	5.5	1.74	150.21	2 230	F	2 610	4 330
Albury	4.3	0.84	148.28	-	-	-	-
Corowa	7.0	0.96	126.98	2 790	F	3 480	6 900
Yarrowonga Weir (d/s)	6.4	1.91	116.95	11 200	F	14 270	30 590
Tocumwal	6.4	2.60	106.44	13 030	F	16 950	31 770
Torrumbarry Weir (d/s)	7.3	4.51	83.06	16 400	F	17 260	19 980
Swan Hill	4.5	2.57	65.49	14 890	F	17 340	13 730
Wakool Junction	8.8	-	-	16 720	F	19 330	14 150
Euston Weir (d/s)	8.8	3.27	45.11	19 500	S	18 140	12 900
Mildura Weir (d/s)	-	-	31.68	-	F	14 380	13 020
Wentworth Weir (d/s)	7.3	3.66	28.42	17 530	R	14 750	12 040
Rufus Junction	-	3.95	20.88	9 480	R	6 700	4 500
Blanchetown (Lock 1 d/s)	-	-	-	6 990	F	6 320	4 960
Tributaries							
Kiewa at Bandiana	2.7	1.73	154.96	1 850	F	2 240	4 180
Ovens at Wangaratta	11.9	9.80	147.48	6 340	F	8 160	19 300
Goulburn at McCoys Bridge	9.0	1.83	93.25	1 501	F	2 680	11 740
Edward at Stevens Weir (d/s)	-	-	-	6 360	F	6 770	2 710
Edward at Liewah	-	3.08	58.46	2 850	R	2 640	2 380
Wakool at Stoney Crossing	-	0.89	55.38	1 660	R	1 350	690
Murrumbidgee at Balranald	5.0	1.02	56.98	538	R	320	250
Barwon at Mungindi	-	3.16	-	20	S	10	10
Darling at Bourke	-	4.05	-	310	F	310	220
Darling at Burtundy Rocks	-	0.66	-	10	F	20	50

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	14 510	32 300
---	--------	--------

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
Yarrowonga	124.90	-0.12	-	No. 7 Rufus River	22.10	+0.16	+1.64
No 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	+0.11	+0.22
No. 15 Euston	47.60	-0.02	-	No. 5 Renmark	16.30	+0.01	+0.26
No. 11 Mildura	34.40	-0.01	+0.88	No. 4 Bookpurnong	13.20	+0.02	+0.91
No. 10 Wentworth	30.80	+0.05	+1.02	No.3 Overland Corner	9.80	+0.03	+0.27
No. 9 Kulnine	27.40	+0.10	+0.22	No. 2 Waikerie	6.10	-0.01	+0.23
No. 8 Wangumma	24.60	+0.03	+0.48	No 1. Blanchetown	3.20	-0.02	+0.12

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.31	0.67	70.02	366
No. 5 Redbank	66.90	+0.04	0.15	61.45	269

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.82	15
Mundoo	26 openings	0.84	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwichee	322 gates	0.83	14



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