

REPORT FOR THE WEEK ENDING

Wednesday, 17 April 2002

Our Ref : MDBC:269 :djc

18 April, 2002



Light to medium falls of rain were recorded across the entire Murray-Darling Basin this week with falls of between 25 and 50 mm being recorded in central New South Wales. Diversion rates along the River Murray have fallen significantly, however inflows to both Hume and Dartmouth Reservoirs have shown little response and remain low.

Storage in Dartmouth Reservoir is 3 317 GL or 85% of capacity. Release from Dartmouth is expected to remain at 600 ML/day over the next few weeks for the purpose of electricity generation. River Murray Water can now confirm that no further transfers from Dartmouth will be needed to supplement storage in Hume Reservoir this season.

Release from Hume Reservoir was reduced this week from 11 400 to 9 700 ML/day with further reductions expected over the next few days. Storage in Hume Reservoir is 340 GL or 11 % of capacity and continues to fall steadily.

Diversions from Lake Mulwala reduced this week from 6 800 ML/day (58% of capacity) to 4 800 ML/day (37% of capacity) with further reductions expected over the next few days. Release from Yarrowonga Weir is currently 5 800 ML/day and expected to remain at about this level next week without further significant rain.

Release from Torrumbarry Weir, currently 3 200 ML/day, is forecast to fall to about 2 500 ML/day over the next week. Diversion from Torrumbarry Weir to National Channel is currently 2 900 ML/day and expected to be reduced to 2 400 ML/day late next week.

Flow in the River Murray at Swan Hill is currently 3 200 ML/day (0.85 m gauge height) and is expected to recede to 2 000 ML/day (0.65 m gauge height) by late April if conditions remain dry.

Release from Euston Weir peaked at 7 000 ML/day this week as a result of the rainfall recorded along the Murray and Murrumbidgee Rivers prior to Easter. Release from Euston Weir is currently 6 600 ML/day and falling.

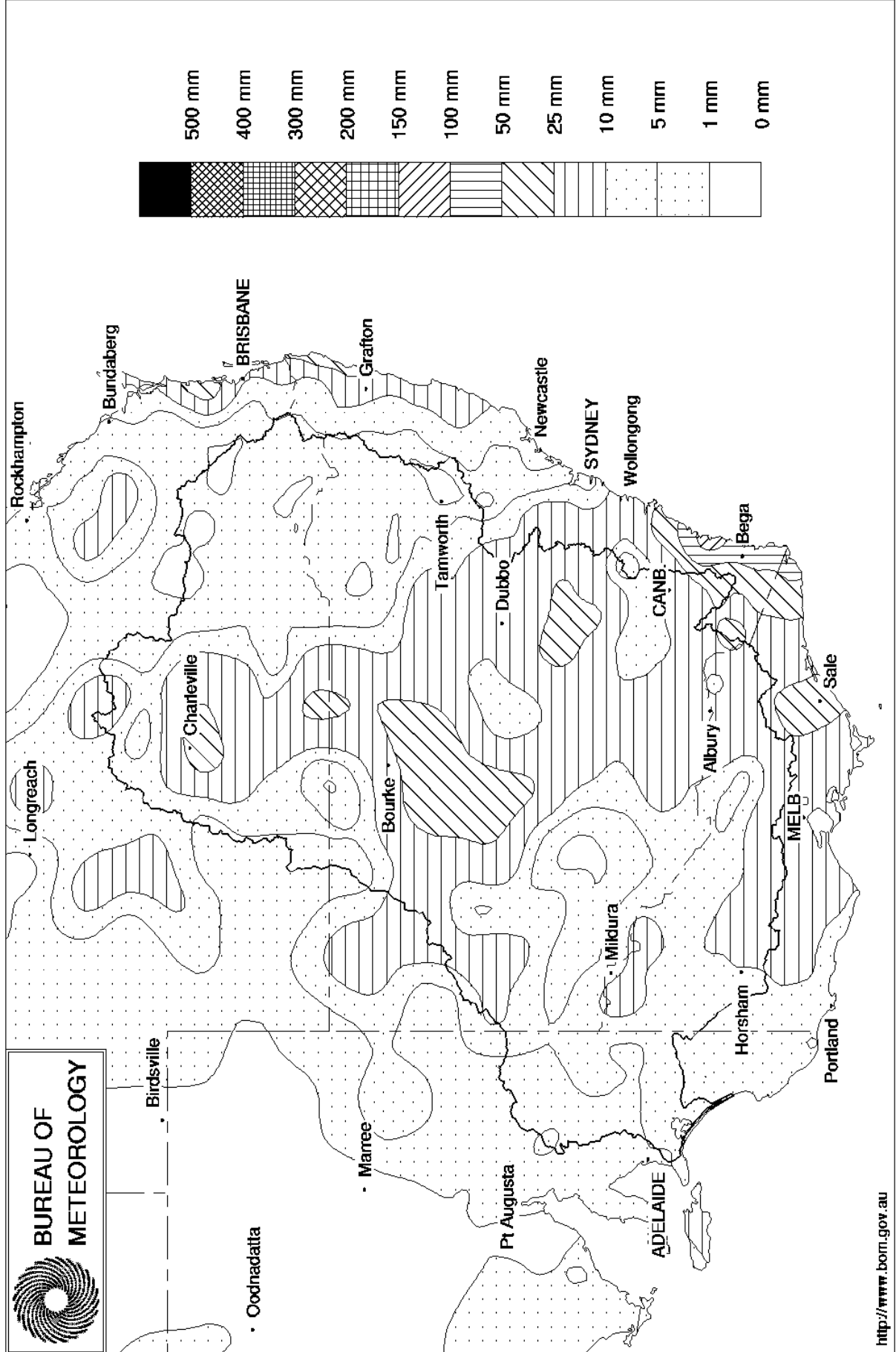
Release from Wentworth Weir is currently 5 400 ML/day and expected to peak at about 6 500 ML/day on about Saturday 20 April.

Storage in Menindee Lakes is currently 436 GL or 26% of nominal capacity. Release from Menindee Lakes will continue at the current rate of 300 ML/day for the remainder of April.

Storage in Lake Victoria is currently 287 GL or 42% of capacity and will slowly rise over the remainder of April as flows currently in transit from the Easter 'rain rejection' are captured. Flow to South Australia is expected to average 4 200 ML/day for the remainder of April.

DAVID DOLE
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 17th April 2002
 Product of the National Climate Centre



Week ending Wednesday 17 Apr 2002

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 for the week (GL)
				(GL)	%			
Dartmouth Reservoir	486.00	3 906	476.58	3 317	85%	80	3 237	-2
Hume Reservoir	192.00	3 038	171.09	340	11%	30	310	-63
Lake Victoria	27.00	680	23.25	287	42%	100	187	+10
Menindee Lakes		1 682 *		436	26%	640 #	- 204	-4
Total		9 306		4 380	47%	690	3 530	-60

* Menindee surcharge capacity 1999 GL

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

NSW Menindee Lakes Reserve

Major State Storages

Burrinjuck Reservoir	1 026		239	23%	3	236	-1
Blowering Reservoir	1 631		197	12%	24	173	+15
Eildon Reservoir	3 390		717	21%	100	617	-22

Snowy Mountains Scheme

Snowy diversions for week ending 16-Apr-2002

Storage (GL)	Current storage	Weekly change	Diversion	This week	From 1 May 2001
Lake Eucumbene - Total	2 912	-10	Snowy-Murray	+0	739
Snowy-Murray Component	1 324	-	Tooma-Tumut	+5	226
Target Storage	1 340		Nett Diversion	-4.7	513
			Murray 1 Release	+0	1 049

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2001
Murray Irrig. Ltd (Net)	32.2	1 477.7
Wakool System loss	0.5	37.3
Western Murray Irrig.	0.4	27.5
Licensed Pumps	13.8	388.8
Lower Darling	2.1	115.8
TOTAL	49.0	2 047.2

Victoria	This week	From 1 July 2001
Yarrawonga Main Channel (net)	12.6	506
Torrumbarry System + Nyah (net)	19.8	788
Sunraysia Pumped Districts	2.1	146
Licensed pumps - GMW (Nyah+u/s)	1.4	68
Licensed pumps - SRW	3.2	171
TOTAL	39.0	1 680

Flow to South Australia (GL)

Entitlement this month	135	(4 600 ML/day)
Flow this week	32.1	
Flow so far this month	78	
Flow last month	187	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2001
Swan Hill	150	96	185
Euston	130	130	214
Red Cliffs	200	200	285
Merbein	190	210	279
Burtundy	770	769	499
Lock 9	320	316	401
Lake Victoria	460	434	406
Berri	530	531	473
Waikerie	640	640	559
Morgan	660	644	559
Mannum	620	626	549
Murray Bridge	750	588	595
Meningie	-	-	1 223
Goolwa Barrages	1 520	1 498	1 451



Week ending Wednesday 17 Apr 2002

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	-	-	-	450	F	440	740
Jingellic	4.0	1.21	207.73	1 330	R	1 220	1 580
Tallandoon (Mitta Mitta River)	4.2	1.48	218.37	930	R	890	870
Heywoods	5.5	2.56	156.19	9 730	F	10 640	13 780
Doctors Point	5.5	2.65	151.12	9 790	F	10 830	13 930
Albury	4.3	1.64	149.08	-	-	-	-
Corowa	7.0	2.55	128.57	12 200	R	12 900	15 110
Yarrowonga Weir (d/s)	6.4	1.19	116.23	5 990	F	6 610	7 760
Tocumwal	6.4	1.78	105.62	6 540	F	6 750	8 490
Torrumbarry Weir (d/s)	7.3	1.30	79.85	3 220	R	3 150	3 790
Swan Hill	4.5	0.85	63.77	3 230	R	2 980	3 290
Wakool Junction	8.8	2.57	51.69	5 930	R	5 610	4 980
Euston Weir (d/s)	8.8	1.43	43.27	6 650	F	6 260	4 280
Mildura Weir (d/s)	-	-	30.93	5 910	F	4 840	3 260
Wentworth Weir (d/s)	7.3	2.88	27.64	5 380	R	4 670	3 200
Rufus Junction	-	3.11	17.73	4 330	R	4 040	3 840
Blanchetown (Lock 1 d/s)	-	-	-	3 260	S	2 660	2 810
Tributaries							
Kiewa at Bandiana	2.7	0.80	154.03	360	F	420	340
Ovens at Wangaratta	11.9	7.82	145.50	405	R	340	290
Goulburn at McCoys Bridge	9.0	1.27	92.69	553	S	500	440
Edward at Stevens Weir (d/s)	-	-	-	240	F	690	2 390
Edward at Liewah	-	2.84	58.22	2 490	F	2 660	2 030
Wakool at Stoney Crossing	-	0.59	55.08	693	S	630	400
Murrumbidgee at Balranald	5.0	0.86	56.82	530	F	1 080	800
Barwon at Mungindi	-	3.29	-	210	S	190	1 040
Darling at Bourke	-	4.05	-	310	F	350	470
Darling at Burtundy Rocks	-	0.80	-	340	F	370	410

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	1 790	790
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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	-0.07	-	No. 7 Rufus River	22.10	+0.15	+0.81
No 26 Torrumbarry	86.05	+0.00	-	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	+0.13	No. 4 Bookpurnong	13.20	+0.04	+0.47
No. 10 Wentworth	30.80	+0.02	+0.24	No.3 Overland Corner	9.80	+0.05	+0.16
No. 9 Kulnine	27.40	+0.01	+0.09	No. 2 Waikerie	6.10	+0.03	+0.14
No. 8 Wangumma	24.60	+0.07	+0.21	No 1. Blanchetown	3.20	+0.08	-0.21

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.16	0.75	70.1	457
No. 5 Redbank	66.90	-0.01	0.57	61.87	713

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.38	All closed
Mundoo	26 openings	0.58	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwichee	322 gates	0.58	All closed

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

