

M2006/01015REPORT FOR THE WEEK ENDING

Wednesday, 21 February 2007



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22 February, 2007

Light Rain

Further light falls of rain were received along the Great Dividing Range during the week with falls in the upper Murray catchments up to about 25 mm. No significant streamflow response has been observed in the Murray tributaries.

River Murray Operations

Release from Dartmouth Dam is currently being reduced to about 9 200 ML/day and with further reductions planned for next week. Release from the Snowy Hydro Scheme totalled almost 20 GL this week providing a welcome boost in inflows to Hume Reservoir. Storage in Hume is currently about steady at 75 GL or 2.5% of capacity and release has been reduced by a further 1 000 ML/day this week.

Lake Mulwala remains at the relatively high level of about 124.85 m AHD. This weir pool is being maintained at higher levels in order to provide a ready source of water to draw upon to supply any sudden increases in downstream demand should they occur. Release from Yarrawonga Weir was reduced to 6 100 ML/day on 21 February and will be further gradually reduced over coming weeks.

Flow passing to the Edward River via the Edward and Gulpa offtakes has also been reduced to about 500 ML/day.

Flows in the mid and lower reaches of the Murray will continue to be steadily reduced over coming weeks and will be below levels normally seen this time of year. River Murray Water will issue more detailed information next week on the plans for reducing river flows over the rest of the season. The latest information, with some forecast flows and levels can be found in River Murray Water's Information Centre at http://www.mdbc.gov.au/rmw/river_information_centre.

Flow in the River Murray downstream of Euston Weir is currently steady at about 5 000 ML/day but is expected to begin falling by the end of next week if conditions are dry.

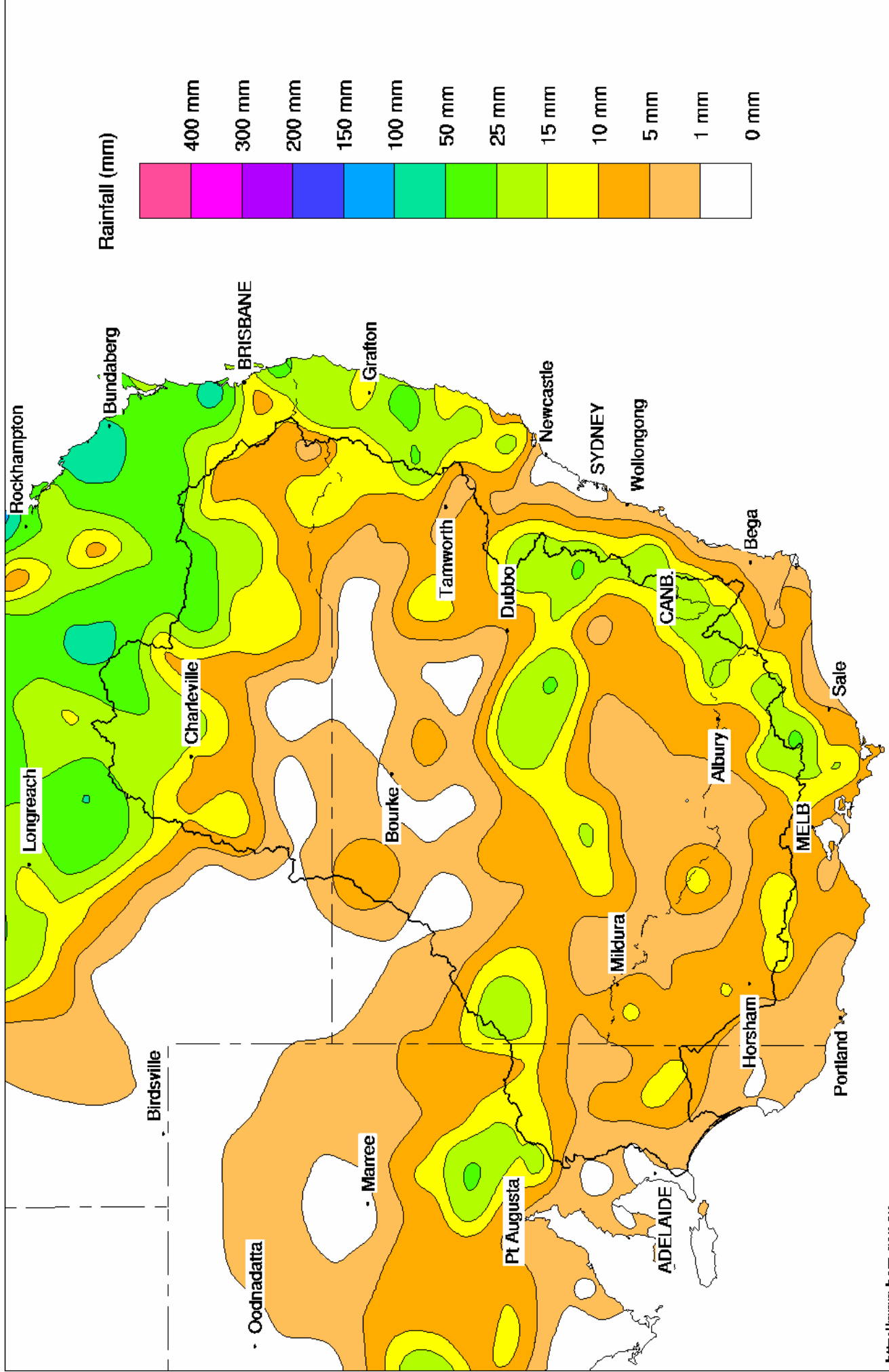
River Murray in South Australia

Flow to South Australia continues to be maintained at about 7 000 ML/day with flows passing Weir & Lock 1 at Blanchetown steady at about 4 000 ML/day. The level of the Lower Lakes is now about 0.32 m AHD and continuing to fall slowly under the continued hot and dry conditions in South Australia. Flows to South Australia are expected to be reduced significantly in March and without local rainfall the rate of fall of the Lower Lakes could then increase. Further details and outlooks will be provided over the coming weeks.

DAVID DREVERMAN
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 21st February 2007

Product of the National Climate Centre



Water in Storage

MDBC Storages	Full Supply Level (m AHD)	Full Supply Volume (GL)	Current Storage Level (m AHD)	Current Storage		Dead Storage (GL)	MDBC Active Storage (GL)	Change in Storage for the week (GL)
				(GL)	%			
Dartmouth Reservoir	486.00	3 906	411.72	698	18%	80	618	-62
Hume Reservoir	192.00	3 038	164.93	76	2%	30	46	+1
Lake Victoria	27.00	677	23.46	291	43%	100	191	-26
Menindee Lakes		1 731 *		150	9%	(- -) #	0	-3
Total		9 352		1 215	13%	--	855	-90

* Menindee surcharge capacity 2050 GL
 # NSW takes control of Menindee Lakes when storage falls below 480 GL, and control reverts to MDBC when storage next reaches 640 GL
 % of Total Active MDBC Storage = **10%**

Major State Storages

Burrinjuck Reservoir	1 026	272	27%	3	269	-0
Blowering Reservoir	1 631	205	13%	24	181	+17
Eildon Reservoir	3 390	294	9%	100	194	-14

Snowy Mountains Scheme

Snowy diversions for week ending 20-Feb-2007

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2006
Lake Eucumbene - Total	466	-35	Snowy-Murray	+17	756
Snowy-Murray Component	307	-20	Tooma-Tumut	+0	56
Target Storage	1 460		Nett Diversion	16.8	700
			Murray 1 Release	+19	866

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2006
Murray Irrig. Ltd (Net)	4.4	301.1
Wakool System loss	1.8	53.9
Western Murray Irrig.	0.9	19.0
Licensed Pumps	3.7	144.4
Lower Darling	0.2	17.8
TOTAL	11.0	536.2

Victoria	This week	From 1 July 2006
Yarrawonga Main Channel (net)	8.6	303
Torrumbarry System + Nyah (net)	9.0	506
Sunraysia Pumped Districts	4.3	116
Licensed pumps - GMW (Nyah+u/s)	1.4	149
Licensed pumps - LMW	8.6	157
TOTAL	31.9	1 231

Flow to South Australia (GL)

Entitlement this month	194	(6 900 ML/day)
Flow this week	48.4	
Flow so far this month	145	
Flow last month	181	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2006
Swan Hill	90	90	70
Euston	100	100	90
Red Cliffs	-	120	110
Merbein	120	110	100
Burtundy (Darling)	1 030	1 020	800
Lock 9	120	110	120
Lake Victoria	170	160	160
Berri	230	230	230
Waikerie	300	310	340
Morgan	320	310	370
Mannum	400	400	450
Murray Bridge	430	430	430
Milang (Lake Alex.)	1 450	1 440	1 240
Poltalloch (Lake Alex.)	1 460	1 480	1 070
Meningie (Lake Alb.)	2 560	2 570	2 290
Goolwa Barrages	4 050	3 910	2 350



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	-	-	-	6 150	R	3 340	450
Jingellic	4.0	1.66	208.18	4 380	R	1 900	470
Tallandoon (Mitta Mitta River)	4.2	3.23	220.12	9 640	F	9 680	9 990
Heywoods	5.5	2.44	156.07	9 410	S	10 040	11 200
Doctors Point	5.5	2.59	151.06	10 100	R	10 350	11 400
Albury	4.3	1.57	149.01	-	-	-	-
Corowa	7.0	2.23	128.25	9 550	F	10 150	11 600
Yarrowonga Weir (d/s)	6.4	1.26	116.30	6 640	S	6 840	8 010
Tocumwal	6.4	1.72	105.56	6 470	S	6 860	7 770
Torrumbarry Weir (d/s)	7.3	1.74	80.29	4 820	S	4 950	5 020
Swan Hill	4.5	1.04	63.96	4 630	S	4 580	4 460
Wakool Junction	8.8	2.45	51.57	5 670	R	5 670	5 590
Euston Weir (d/s)	8.8	1.11	42.95	5 070	S	5 260	5 190
Mildura Weir (d/s)	-	-	-	4 350	F	4 270	3 740
Wentworth Weir (d/s)	7.3	2.85	27.61	3 740	S	3 770	3 310
Rufus Junction	-	3.46	20.39	6 510	R	6 280	6 380
Blanchetown (Lock 1 d/s)	-	0.42	-	4 340	R	4 090	3 690
Tributaries							
Kiewa at Bandiana	2.7	0.90	154.13	460	R	130	20
Ovens at Wangaratta	11.9	7.40	145.08	26	F	30	40
Goulburn at McCoys Bridge	9.0	1.18	92.60	415	F	410	350
Edward at Stevens Weir (d/s)	-	1.25	81.02	1 050	S	1 170	1 330
Edward at Liewah	-	1.96	57.34	1 290	F	1 320	1 410
Wakool at Stoney Crossing	-	0.36	54.85	287	S	290	330
Murrumbidgee at Balranald	5.0	0.43	56.39	172	S	180	390
Barwon at Mungindi	-	3.23	-	85	R	40	50
Darling at Bourke	-	3.13	-	-	F	-	-
Darling at Burtundy Rocks	-	0.68	-	33	F	50	60

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	- 30	540
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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	-0.05	-	No. 7 Rufus River	22.10	+0.13	+1.14
No 26 Torrumbarry	86.05	-0.01	-	No. 6 Murtho	19.25	+0.01	+0.13
No. 15 Euston	47.60	+0.00	-	No. 5 Renmark	16.30	+0.00	+0.19
No. 11 Mildura	34.40	+0.05	+0.07	No. 4 Bookpurnong	13.20	+0.03	+0.68
No. 10 Wentworth	30.80	+0.01	+0.21	No.3 Overland Corner	9.80	+0.02	+0.23
No. 9 Kulnine	27.40	+0.01	+0.00	No. 2 Waikerie	6.10	+0.05	+0.15
No. 8 Wangumma	24.60	+0.01	+0.17	No 1. Blanchetown	3.20	+0.04	-0.33

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-2.23	0.67	70.02	366
No. 5 Redbank	66.90	-2.24	0.2	61.5	314



Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	0.32

Barrages

Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	0.28	All closed	-	Closed
Mundoo	26 openings	0.28	All closed	-	-
Boundary Creek	6 openings	-	All closed	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwichee	322 gates	0.27	All closed	Closed	Open

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