

REPORT FOR THE WEEK ENDING

Wednesday, 21 June 2006



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23 June, 2006

Rainfall and inflows

Northwest parts of the Basin received moderate falls of up to 25 mm of rain this week, but this rain offered no respite to Menindee Lakes storage which continues to fall slowly. Elsewhere across the Basin little or no rain fell and conditions remained very dry.

River Murray System Operations

The release from Dartmouth Reservoir continues to be varied on a weekly cycle at rates ranging from about 200 ML/d over weekends to about 900 ML/d mid week. The variable release is aimed at enhancing the environmental values of the Mitta Mitta River whilst meeting the requirements of river users, including optimising hydropower generation at Dartmouth Dam.

Unregulated inflows to the River Murray system from the Kiewa and Ovens Rivers have remained at very low levels. From time to time this week the release from Hume Dam has been increased up to about 900 ML/d (minimum release is 600 ML/d) to provide the minimum required flow at Doctors Point of 1 200 ML/d.

Release downstream of Yarrawonga Weir has been maintained at the minimum flow of about 1 800 ML/d. Torrumbarry Weir pool continues to be drawn down at slow rates to assist in maintaining the minimum river level requirement further downstream at Swan Hill. The river level at Swan Hill has remained relatively steady this week at about 0.64 m (gauge height). The upper pool level at Torrumbarry Weir is currently about 85.90 m AHD (15 cm below full supply level) and if conditions remain dry, it may be lowered by up to 40 cm below full supply level.

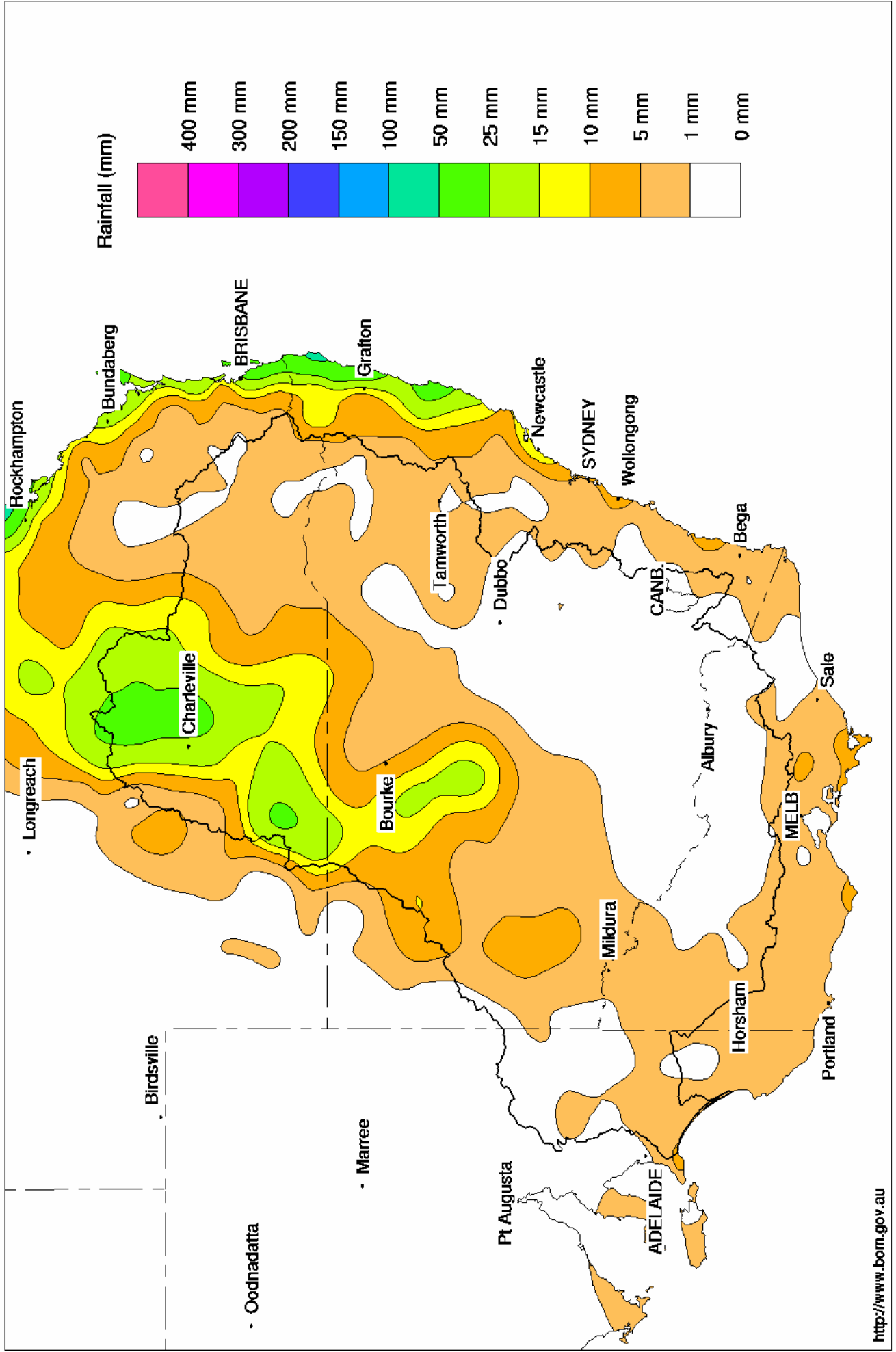
The upper pool level of Euston Weir is also gradually being lowered to assist in maintaining the downstream flow at about 2 500 ML/d over coming weeks to meet water requirements throughout Sunraysia. The upper pool level of Euston Weir is currently about 47.55 m AHD (5 cm below full supply level) and if conditions remain dry, it may be lowered by up to 40 cm below full supply level.

The level of the Lower Lakes has gradually risen to about 0.78 m AHD this week. The fishways at Tauwichee Barrage and two additional bays remain open as an 'attractant flow' for fish and a small release from Boundary Creek Barrage continues. The Goolwa Barrage has been temporarily closed to prevent reverse flows from high ocean tides back into Lake Alexandrina. In addition, repairs are being undertaken to the crane on Goolwa Barrage and it is expected that the fishway can be re-opened once these repairs are completed by around mid next week.

DAVID DREVERMAN
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 21st June 2006

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	462.31	2 527	65%	80	2 447	+2
Hume Reservoir	192.00	3 038	174.27	582	19%	30	552	+47
Lake Victoria	27.00	677	24.81	428	63%	100	328	-10
Menindee Lakes		1 731 *		269	16%	(- -) #	0	-2
Total		9 352		3 805	41%	--	3 327	+37

* Menindee surcharge capacity 2050 GL

% of Total Active MDBC Storage = 39%

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	346	34%	3	343	+1
Blowering Reservoir	1 631	853	52%	24	829	+34
Eildon Reservoir	3 390	743	22%	100	643	+1

Snowy Mountains Scheme

Snowy diversions for week ending 20-Jun-2006

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2006
Lake Eucumbene - Total	1 102	-69	Snowy-Murray	+39	177
Snowy-Murray Component	719	-37	Tooma-Tumut	+1	11
Target Storage	1 240		Nett Diversion	38.0	165
			Murray 1 Release	+40	204

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2005
Murray Irrig. Ltd (Net)	.0	1 206.3
Wakool System loss	-0.5	32.8
Western Murray Irrig.	0.2	29.2
Licensed Pumps	2.1	390.5
Lower Darling	0.1	65.0
TOTAL	2.0	1 723.8

Victoria	This week	From 1 July 2005
Yarrawonga Main Channel (net)	.0	402
Torrumbarry System + Nyah (net)	0.0	739
Sunraysia Pumped Districts	1.2	145
Licensed pumps - GMW (Nyah+u/s)	0.3	61
Licensed pumps - LMW	2.4	256
TOTAL	3.8	1 603

Flow to South Australia (GL)

Entitlement this month	90	(3 000 ML/day)
Flow this week	20.7	
Flow so far this month	63	
Flow last month	91	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2005
Swan Hill	120	150	100
Euston	110	120	110
Red Cliffs	120	120	130
Merbein	60	60	110
Burtundy (Darling)	650	650	600
Lock 9	110	100	130
Lake Victoria	140	170	190
Berri	250	250	230
Waikerie	-	390	340
Morgan	450	430	340
Mannum	380	380	360
Murray Bridge	330	320	360
Milang (Lake Alex.)	1 210	1 200	1 240
Poltalloch (Lake Alex.)	800	880	960
Meningie (Lake Alb.)	2 410	2 390	2 200
Goolwa Barrages	1 400	1 390	1 890

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	-	-	-	6 070	F	5 790	6 460
Jingellic	4.0	1.94	208.46	6 640	S	6 500	6 910
Tallandoon (Mitta Mitta River)	4.2	1.58	218.47	1 040	R	720	620
Heywoods	5.5	1.31	154.94	810	R	690	900
Doctors Point	5.5	1.53	150.00	1 280	R	1 250	1 300
Albury	4.3	0.70	148.14	-	-	-	-
Corowa	7.0	0.64	126.66	1 670	F	1 690	1 760
Yarrowonga Weir (d/s)	6.4	0.37	115.41	1 810	S	1 810	1 810
Tocumwal	6.4	0.88	104.72	2 130	F	2 170	2 220
Torrumbarry Weir (d/s)	7.3	0.93	79.48	1 950	R	1 970	1 950
Swan Hill	4.5	0.63	63.55	2 060	S	2 090	2 040
Wakool Junction	8.8	1.55	50.67	2 490	F	2 650	3 180
Euston Weir (d/s)	8.8	0.69	42.53	2 900	F	2 930	3 970
Mildura Weir (d/s)	-	-	-	2 540	F	2 640	3 980
Wentworth Weir (d/s)	7.3	2.83	27.59	2 280	R	2 440	4 110
Rufus Junction	-	2.82	19.75	2 420	S	2 540	2 600
Blanchetown (Lock 1 d/s)	-	0.68	-	3 130	S	3 220	2 880
Tributaries							
Kiewa at Bandiana	2.7	0.96	154.19	530	R	630	520
Ovens at Wangaratta	11.9	7.74	145.42	344	F	380	430
Goulburn at McCoys Bridge	9.0	1.16	92.58	368	F	380	410
Edward at Stevens Weir (d/s)	-	0.41	-	180	S	180	190
Edward at Liewah	-	0.86	56.24	402	F	520	830
Wakool at Stoney Crossing	-	0.17	54.66	73	F	110	220
Murrumbidgee at Balranald	5.0	0.52	56.48	224	R	220	240
Barwon at Mungindi	-	3.14	-	0	F	0	10
Darling at Bourke	-	4.01	-	85	S	90	100
Darling at Burtundy Rocks	-	0.64	-	6	S	10	10

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	2 380	1 760
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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	-0.26	-	No. 7 Rufus River	22.10	+0.10	+0.53
No 26 Torrumbarry	86.05	-0.14	-	No. 6 Murtho	19.25	+0.02	-0.01
No. 15 Euston	47.60	-0.07	-	No. 5 Renmark	16.30	+0.02	+0.10
No. 11 Mildura	34.40	+0.04	+0.04	No. 4 Bookpurnong	13.20	+0.02	+0.34
No. 10 Wentworth	30.80	+0.02	+0.19	No.3 Overland Corner	9.80	+0.02	+0.12
No. 9 Kulnine	27.40	+0.06	+0.01	No. 2 Waikerie	6.10	-0.01	+0.04
No. 8 Wangumma	24.60	+0.02	+0.10	No 1. Blanchetown	3.20	+0.00	-0.07

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-3.14	0.36	69.71	120
No. 5 Redbank	66.90	-1.24	0.1	61.4	228



Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	0.77

Barrages

Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	0.82	1	-	Open
Mundoo	26 openings	0.82	All closed	-	-
Boundary Creek	6 openings	-	1	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwitchere	322 gates	0.82	2	Open	Open

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