

REPORT FOR THE WEEK ENDING

Wednesday, 2 August 2006



3 August, 2006

Trim Ref : M2006/00012 06/17165:jw/kes

Rainfall and Inflows

Dry conditions prevailed across most of the Basin this week (*see attached map*) with light showers providing only 5-10 mm of rain in isolated parts of north-east Victoria. Similar conditions are forecast for the coming week, continuing the current dry episode in which inflows to the Murray system during June and July have been the lowest on record for these months. Further information is provided in the Drought Update for July (*see attached*). Storage in Dartmouth Reservoir is approximately 2 500 GL (65 % capacity) with Hume Reservoir storage falling slightly this week to 600 GL (20% capacity).

River Murray Operations

Release from Hume Reservoir increased to 13 000 ML/day to meet water demands and to transfer additional water to Lake Victoria. To supplement these releases from Hume, transfers from Dartmouth Reservoir have increased to approximately 5 000 ML/day, with further increases likely over the coming weeks if conditions remain dry.

The Kiewa and Ovens Rivers have continued to provide very low inflows to the Murray system, remaining below 600 ML/day on average during the past week. The pool level at Yarrawonga Weir has been raised in preparation for increased irrigation diversions. Mulwala Canal diversions are currently 3000 ML/day, with diversions through the Yarrawonga Main Channel currently at 200 ML/day as irrigation channels are filled. The release from Yarrawonga has been maintained at 10 000 ML/day, which has increased the river height at Picnic Point to approximately 2.6m AHD. The Edward River and Gulpa Creek offtakes are passing a total of approximately 2 000 ML/day, with flow downstream of Stevens Weir on the Edward River rising to 2 900 ML/day.

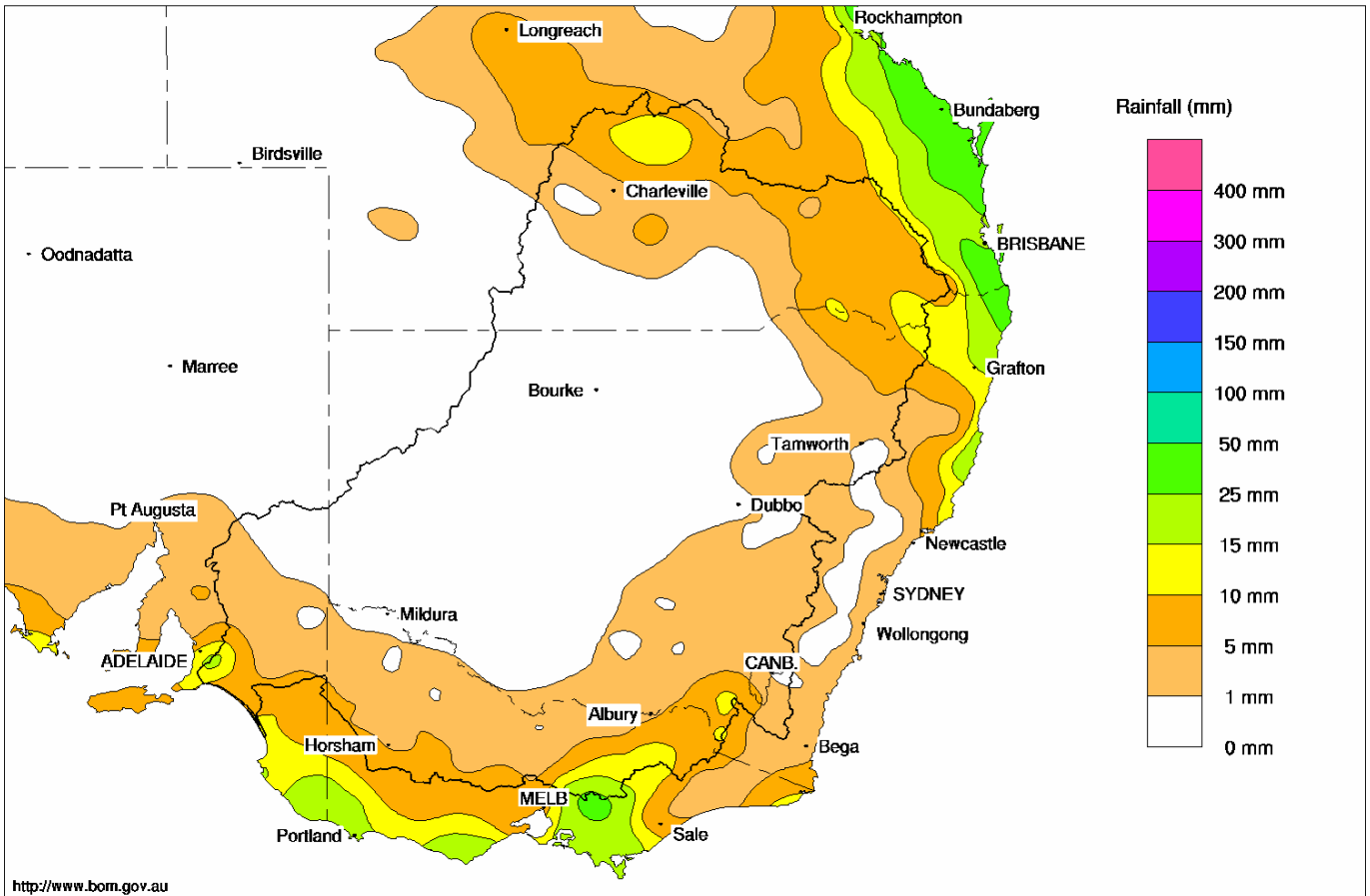
The pool level of Torrumbarry Weir has been raised and is currently 27cm below full supply level, with National Channel diversions due to commence soon. The flow downstream of Torrumbarry has increased above 8 000 ML/day. The pool level of Euston Weir has been lowered slightly, currently 6cm below full supply level (47.54m AHD) with the possibility of further lowering during the coming week. Recent rains have produced minor increases in Murrumbidgee flows, peaking above 800 ML/day at Balranald.

The higher flows in transit are gradually increasing Lake Victoria storage, currently 408 GL (60% capacity). The pool level of Lock and Weir 8 Wangumma is currently 30cm below FSL, and will be lowered further during the coming week. Flows to South Australia increased in line with higher average daily entitlement flows of 4 000 ML/day on 1st August. The level of the Lower Lakes has risen slightly to approximately 0.84m AHD with fishways open on Goolwa and Tauwitechere barrages and flows passing through the Mundoo Barrage and Boundary Creek.

DAVID DREVERMAN
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 2nd August 2006

Product of the National Climate Centre

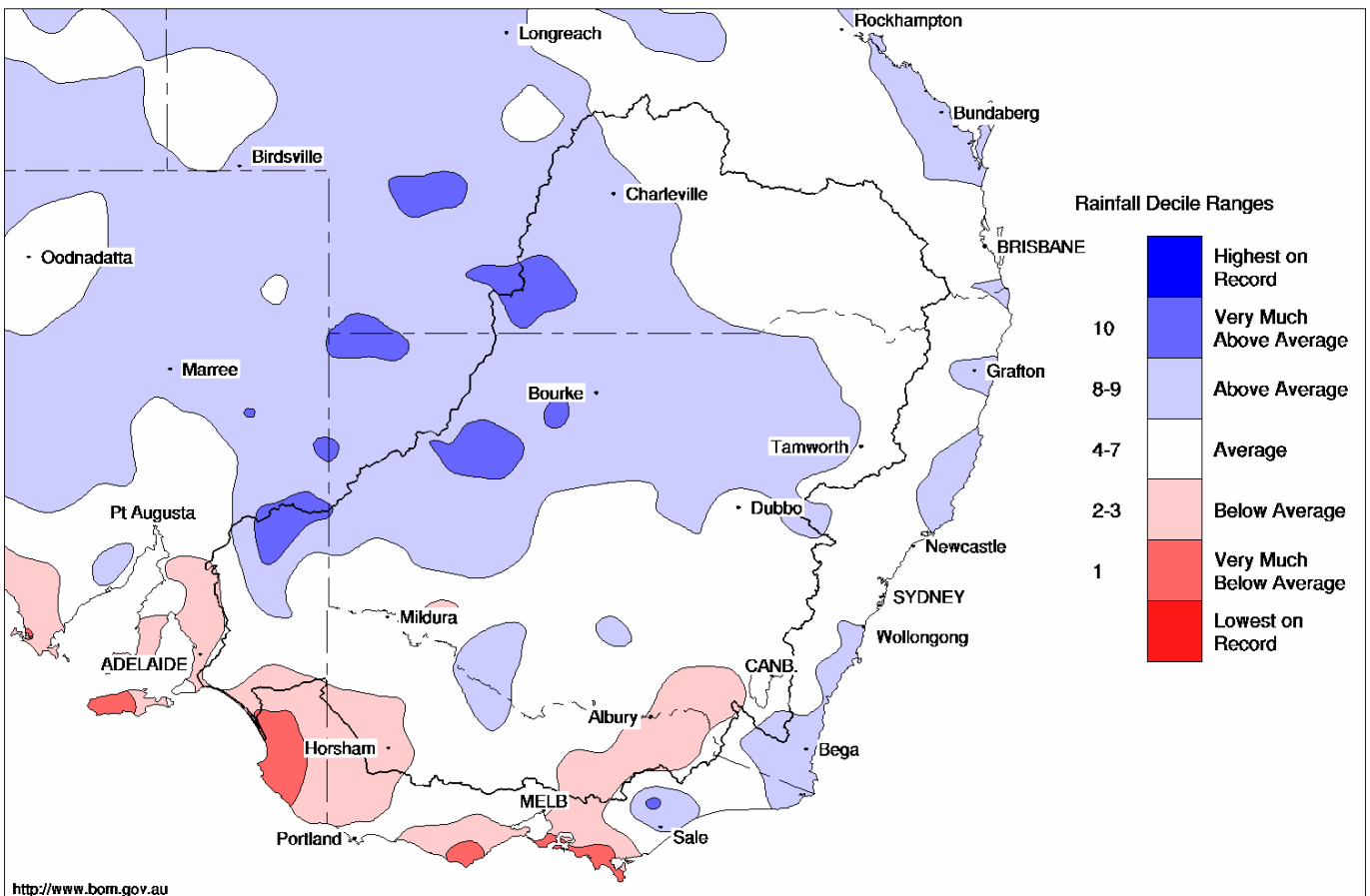


© Commonwealth of Australia 2006, Australian Bureau of Meteorology

Issued: 02/08/2006

Murray Darling Rainfall Deciles July 2006

Distribution Based on Gridded Data
Product of the National Climate Centre



© Commonwealth of Australia 2006, Australian Bureau of Meteorology

Issued: 02/08/2006

Week ending Wednesday 02 Aug 2006

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	462.44	2 534	65%	80	2 454	+1
Hume Reservoir	192.00	3 038	174.48	599	20%	30	569	-39
Lake Victoria	27.00	677	24.62	408	60%	100	308	+14
Menindee Lakes		1 731 *		265	15%	(- -) #	0	+1
Total		9 352		3 805	41%	--	3 330	-24

* 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	355	35%	3	352	+4
Blowering Reservoir	1 631	985	60%	24	961	+13
Eildon Reservoir	3 390	771	23%	100	671	+7

Snowy Mountains Scheme

Snowy diversions for week ending 01-Aug-2006

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2006
Lake Eucumbene - Total	799	-37	Snowy-Murray	+34	388
Snowy-Murray Component	532	-29	Tooma-Tumut	+0	18
Target Storage	1 190		Nett Diversion	33.8	370
			Murray 1 Release	+32	421

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2006
Murray Irrig. Ltd (Net)	8.1	18.0
Wakool System loss	0.5	1.1
Western Murray Irrig.	0.1	.3
Licensed Pumps	0.8	3.6
Lower Darling	0.1	.3
TOTAL	9.5	23.3

Victoria	This week	From 1 July 2006
Yarrawonga Main Channel (net)	1.0	1
Torrumbarry System + Nyah (net)	0.0	
Sunraysia Pumped Districts	0.2	2
Licensed pumps - GMW (Nyah+u/s)	0.0	1
Licensed pumps - LMW	0.0	3
TOTAL	1.1	6

Flow to South Australia (GL)

Entitlement this month	124	(3 800 ML/day)
Flow this week	26.4	
Flow so far this month	9	
Flow last month	108	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2006
Swan Hill	90	80	90
Euston	120	120	130
Red Cliffs	140	130	140
Merbein	90	100	100
Burtundy (Darling)	620	640	620
Lock 9	170	170	160
Lake Victoria	160	150	150
Berri	260	260	260
Waikerie	360	350	360
Morgan	380	380	380
Mannum	470	470	470
Murray Bridge	350	330	340
Milang (Lake Alex.)	1 140	1 170	1 140
Poltalloch (Lake Alex.)	650	730	650
Meningie (Lake Alb.)	2 300	2 250	2 300
Goolwa Barrages	1 490	1 450	1 470



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	-	-	-	5 280	R	4 660	6 470
Jingellic	4.0	1.89	208.41	6 210	R	5 700	7 240
Tallandoon (Mitta Mitta River)	4.2	2.36	219.25	4 190	R	2 260	890
Heywoods	5.5	2.81	156.44	13 060	S	12 890	10 940
Doctors Point	5.5	2.94	151.41	13 300	S	13 240	11 830
Albury	4.3	1.88	149.32	-	-	-	-
Corowa	7.0	2.81	128.83	13 700	S	13 340	11 200
Yarrowonga Weir (d/s)	6.4	1.76	116.80	10 000	S	10 000	9 210
Tocumwal	6.4	2.29	106.13	10 630	S	10 610	9 550
Torrumbarry Weir (d/s)	7.3	2.61	81.16	8 000	R	7 670	6 920
Swan Hill	4.5	1.44	64.36	7 190	R	6 990	6 020
Wakool Junction	8.8	3.07	52.19	8 320	R	7 720	6 470
Euston Weir (d/s)	8.8	1.72	43.56	8 700	S	7 730	6 300
Mildura Weir (d/s)	-	-	-	7 290	F	6 290	4 530
Wentworth Weir (d/s)	7.3	3.03	27.79	8 290	R	7 300	5 250
Rufus Junction	-	3.00	19.93	3 800	F	3 380	3 100
Blanchetown (Lock 1 d/s)	-	0.76	-	3 290	S	3 570	4 400
Tributaries							
Kiewa at Bandiana	2.7	1.00	154.23	590	R	560	770
Ovens at Wangaratta	11.9	7.89	145.57	608	R	540	650
Goulburn at McCoys Bridge	9.0	1.16	92.58	368	S	390	490
Edward at Stevens Weir (d/s)	-	2.54	-	2 890	F	2 470	1 090
Edward at Liewah	-	1.87	57.25	1 200	R	1 040	490
Wakool at Stoney Crossing	-	0.27	54.76	165	S	160	130
Murrumbidgee at Balranald	5.0	1.13	57.09	636	F	700	220
Barwon at Mungindi	-	3.17	-	10	F	30	10
Darling at Bourke	-	4.00	-	67	S	70	90
Darling at Burtundy Rocks	-	0.66	-	29	R	30	40

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	3 190	2 020
---	-------	-------

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	-0.16	-	No. 7 Rufus River	22.10	+0.11	+0.70
No 26 Torrumbarry	86.05	-0.27	-	No. 6 Murtho	19.25	+0.04	+0.01
No. 15 Euston	47.60	-0.06	-	No. 5 Renmark	16.30	+0.03	+0.12
No. 11 Mildura	34.40	+0.00	+0.21	No. 4 Bookpurnong	13.20	+0.01	+0.38
No. 10 Wentworth	30.80	+0.00	+0.39	No.3 Overland Corner	9.80	+0.00	+0.14
No. 9 Kulnine	27.40	+0.03	-0.30	No. 2 Waikerie	6.10	+0.02	+0.07
No. 8 Wangumma	24.60	-0.29	+0.11	No 1. Blanchetown	3.20	+0.01	+0.01

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.14	1.05	70.4	900
No. 5 Redbank	66.90	-0.34	0.5	61.8	637



Lower Lakes

FSL = 0.75 m AHD

Lake Alexandrina average level for the past 5 days	(m AHD) 0.84
--	-----------------

Barrages

Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	0.86	1	-	Open
Mundoo	26 openings	0.80	1	-	-
Boundary Creek	6 openings	-	1	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwichee	322 gates	0.89	2	Open	Open

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