

REPORT FOR THE WEEK ENDING

Wednesday, 4 October 2006



Our Ref : dan/kes
Trim Ref :06/21260

6 October, 2006

Inflows and outlook

Conditions were dry across the Basin this week (*see attached map*) and inflows to the River Murray System remain at extremely low levels. Current weather forecasts are indicating further dry conditions in the coming week.

Rainfall in the eastern part of the basin for September was “below”, to “very much below” average, resulting in the lowest recorded system inflow for September.

September sets new record

Inflows to the River Murray system over September were the lowest on record for that month, making this the fourth consecutive month in which record low inflows have been observed. (see table below).

Total River Murray System Inflows (GL)
(including inflows to Menindee Lakes, excluding Snowy Scheme Releases)

	1902	1967	2006	How much lower in 2006?
June	220	115	110	-5
July	225	155	135	-20
August	125	340	115	-10
September	179	338	120	-59
4 month total	749	948	480	-94

The low September system inflow also resulted in a new minimum 6th year total system inflow of 31 880 GL which was 8 % lower than the previous 6 year minimum in 1902.

River Operations

River Murray Water is continuing to transfer water from Dartmouth Reservoir to Hume Reservoir at channel capacity in the Mitta Mitta River (10 000 ML/day). Storage in Dartmouth Reservoir reduced during the week by 52 GL to 2 030 GL (52% capacity). Despite the high release from Dartmouth Reservoir and a reduction in Hume Reservoir releases to 16 500 ML/day during the week, storage in Hume reduced by 32 GL to 465 GL (15.3% capacity) . Releases from Hume Reservoir are expected to increase towards the weekend as a result of an increase in irrigation forecast orders.

The transfer of water from Hume Reservoir to Lake Victoria is continuing and the flow into the Colligen creek from the Edward River was increased during the week to 700 ML/day. This action will augment flow in the mid section of the River Murray System by adding to the existing flows of 2 700 ML/day downstream of Steven’s Weir on the Edward River and the 7 600 ML/day passing through the Barmah Choke.

Flow downstream of Torrumbarry Weir fell slightly this week from 4 400 ML/day to 4 100 ML/day in response to increased diversions to the National Channel. The river level at Swan Hill has reduced to 0.92 m from 0.97 m a week ago and is likely to slowly reduce further next week.

River Murray Water

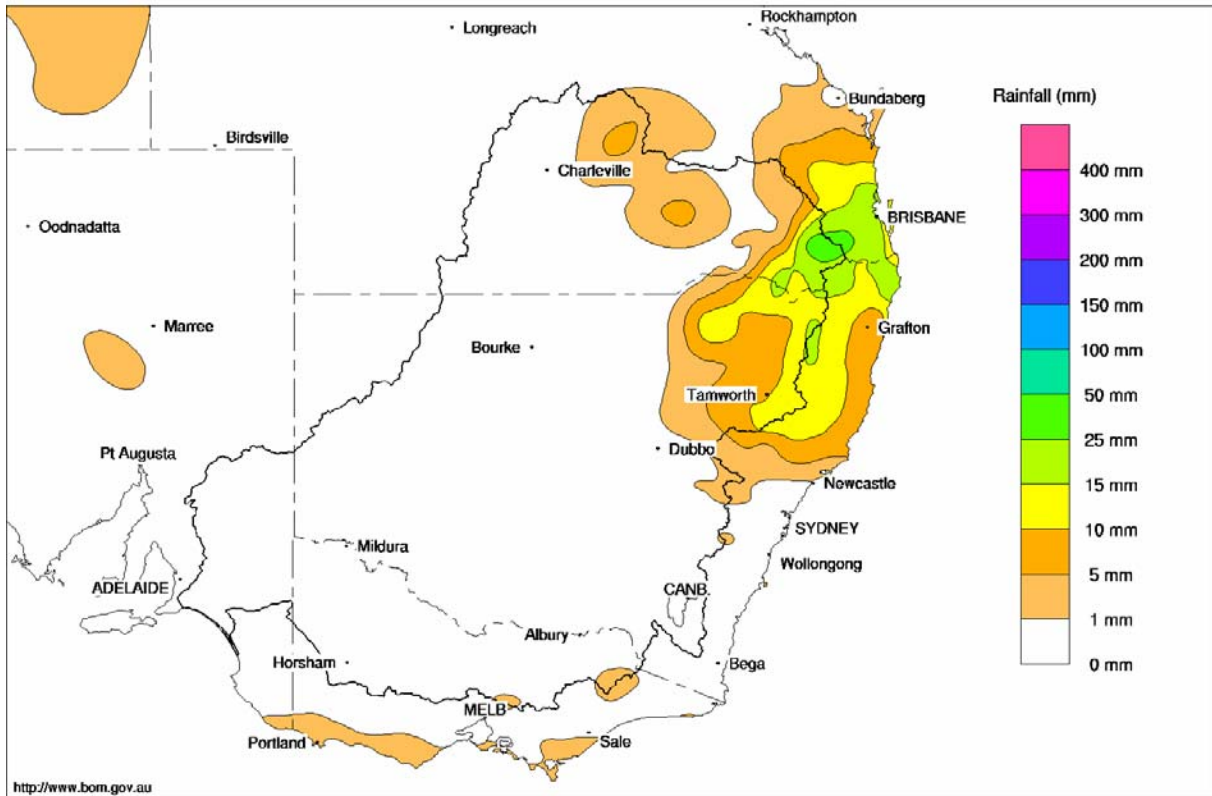
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Lake Victoria is currently 553 GL (82% capacity), a decrease of 1 GL from last week. If conditions remain dry over the coming week it is likely that the water level in this storage will now begin to gradually reduce. Flow to South Australia has now been increased to 4 950 ML/day, which is 550 ML/day below the normal entitlement flow for October.

The Lower Lakes level has reduced by 20 mm over the past week, with minimum flows being maintained through Goolwa and Tauwitchere fishways.

DAVID DREVERMAN
General Manager

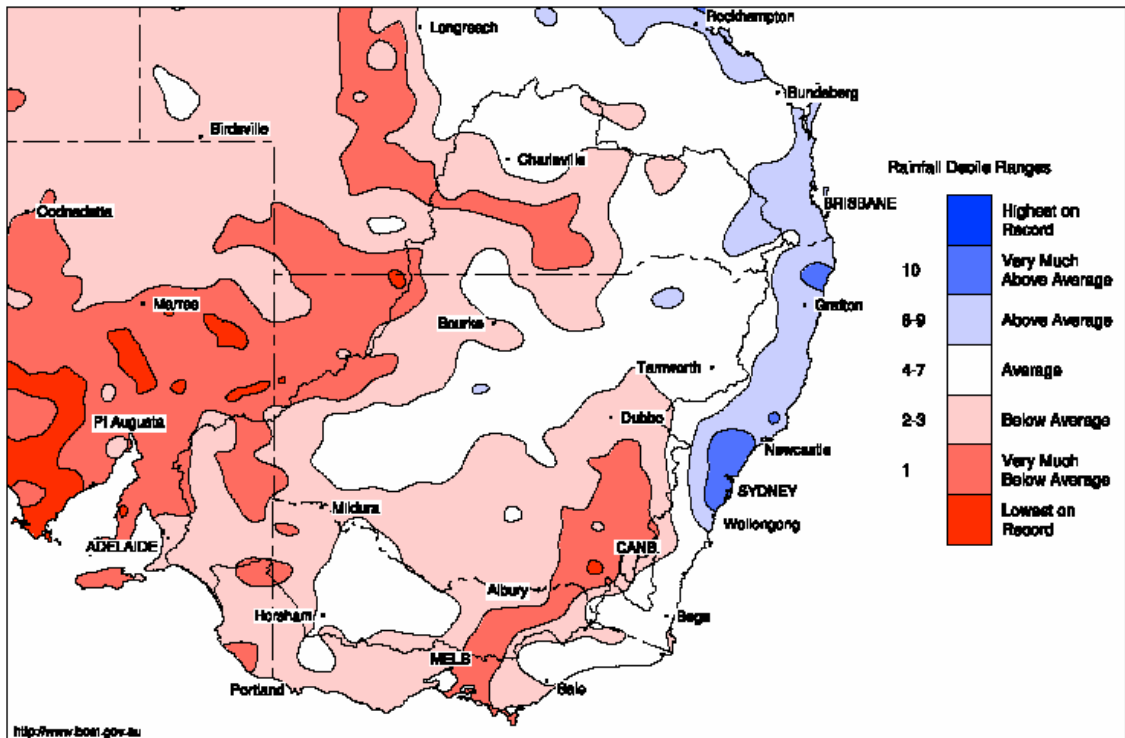
Murray Darling Rainfall Analysis (mm) Week Ending 4th October 2006
Product of the National Climate Centre



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Murray Darling Rainfall Deciles September 2006
Distribution Based on Gridded Data
Product of the National Climate Centre



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Issued: 03/10/2006

Week ending Wednesday 04 Oct 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	452.08	2 038	52%	80	1 958	-61
Hume Reservoir	192.00	3 038	172.90	470	15%	30	440	-37
Lake Victoria	27.00	677	25.98	556	82%	100	456	+2
Menindee Lakes		1 731 *		240	14%	(- -) #	0	-3
Total		9 352		3 304	35%	--	2 855	-99

* Menindee surcharge capacity 2050 GL

% of Total Active MDBC Storage = **34%**

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		317	31%	3	314	-0
Blowering Reservoir	1 631		765	47%	24	741	-55
Eildon Reservoir	3 390		666	20%	100	566	-28

Snowy Mountains Scheme

Snowy diversions for week ending 03-Oct-2006

Storage	Active storage (GL)	Weekly change (GL)	Diversion (GL)	This week	From 1 May 2006
Lake Eucumbene - Total	729	+6	Snowy-Murray	+10	571
Snowy-Murray Component	473	+1	Tooma-Tumut	+0	34
Target Storage	1 400		Nett Diversion	10.4	537
			Murray 1 Release	+14	650

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2006
Murray Irrig. Ltd (Net)	19.7	172.3
Wakool System loss	1.6	11.0
Western Murray Irrig.	0.6	3.4
Licensed Pumps	7.9	51.6
Lower Darling	2.3	9.2
TOTAL	32.2	247.5

Victoria	This week	From 1 July 2006
Yarrawonga Main Channel (net)	14.9	84
Torrumbarry System + Nyah (net)	23.4	183
Sunraysia Pumped Districts	3.7	18
Licensed pumps - GMW (Nyah+u/s)	3.3	12
Licensed pumps - LMW	0.0	2
TOTAL	45.2	298

Flow to South Australia (GL)

Entitlement this month	170	(4 700 ML/day)
Flow this week	32.8	
Flow so far this month	21	
Flow last month	120	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2006
Swan Hill	80	80	80
Euston	100	90	100
Red Cliffs	110	110	120
Merbein	100	110	110
Burtundy (Darling)	660	650	630
Lock 9	150	160	130
Lake Victoria	160	160	150
Berri	240	250	240
Waikerie	420	410	380
Morgan	430	430	400
Mannum	450	440	440
Murray Bridge	420	410	390
Milang (Lake Alex.)	1 130	1 120	1 130
Poltalloch (Lake Alex.)	1 040	990	800
Meningie (Lake Alb.)	2 170	2 130	2 200
Goolwa Barrages	1 780	1 750	1 560



Week ending Wednesday 04 Oct 2006

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	-	-	-	1 770	R	2 520	3 010
Jingellic	4.0	1.39	207.91	2 430	F	3 400	4 220
Tallandoon (Mitta Mitta River)	4.2	3.27	220.16	9 880	R	9 920	9 960
Heywoods	5.5	3.06	156.69	16 400	F	17 420	17 170
Doctors Point	5.5	3.17	151.64	16 100	F	17 660	17 440
Albury	4.3	2.16	149.60	-	-	-	-
Corowa	7.0	3.43	129.45	19 100	R	18 830	18 060
Yarrowonga Weir (d/s)	6.4	1.73	116.77	9 790	S	9 790	9 790
Tocumwal	6.4	2.25	106.09	10 040	S	10 210	10 350
Torrumbarry Weir (d/s)	7.3	1.60	80.15	4 340	S	4 390	4 740
Swan Hill	4.5	0.92	63.84	3 870	R	3 860	4 700
Wakool Junction	8.8	2.55	51.67	6 090	R	6 410	7 760
Euston Weir (d/s)	8.8	1.28	43.12	6 020	S	6 600	7 960
Mildura Weir (d/s)	-	-	-	5 050	F	5 750	7 090
Wentworth Weir (d/s)	7.3	2.93	27.69	4 870	F	5 680	6 930
Rufus Junction	-	3.12	20.05	4 490	F	4 190	3 460
Blanchetown (Lock 1 d/s)	-	0.74	-	2 540	S	2 600	2 630
Tributaries							
Kiewa at Bandiana	2.7	0.77	154.00	300	R	340	510
Ovens at Wangaratta	11.9	7.65	145.33	218	S	240	310
Goulburn at McCoys Bridge	9.0	1.19	92.61	416	S	370	360
Edward at Stevens Weir (d/s)	-	2.43	-	2 690	F	2 700	2 700
Edward at Liewah	-	2.97	58.35	2 530	S	2 550	2 630
Wakool at Stoney Crossing	-	0.34	54.83	259	F	330	430
Murrumbidgee at Balranald	5.0	0.59	56.55	259	F	390	250
Barwon at Mungindi	-	3.22	-	70	S	90	80
Darling at Bourke	-	3.79	-	-	F	-	-
Darling at Burtundy Rocks	-	0.61	-	234	F	230	0

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	1 730	3 260
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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	-0.12	-	No. 7 Rufus River	22.10	+0.16	+0.81
No 26 Torrumbarry	86.05	-0.12	-	No. 6 Murtho	19.25	+0.01	+0.06
No. 15 Euston	47.60	-0.10	-	No. 5 Renmark	16.30	+0.03	+0.12
No. 11 Mildura	34.40	+0.04	+0.09	No. 4 Bookpurnong	13.20	+0.01	+0.41
No. 10 Wentworth	30.80	-0.01	+0.29	No.3 Overland Corner	9.80	-0.01	+0.14
No. 9 Kulnine	27.40	+0.08	+0.02	No. 2 Waikerie	6.10	+0.02	+0.06
No. 8 Wangumma	24.60	+0.04	+0.17	No 1. Blanchetown	3.20	+0.00	-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	-0.63	0.61	69.96	305
No. 5 Redbank	66.90	-0.29	0.15	61.45	269



Lower Lakes

FSL = 0.75 m AHD

Lake Alexandrina average level for the past 5 days	(m AHD)
	0.83

Barrages

Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	0.92	All closed	-	Open
Mundoo	26 openings	0.92	All closed	-	-
Boundary Creek	6 openings	-	1	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwichee	322 gates	0.95	All closed	Open	Open

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