

REPORT FOR THE WEEK ENDING

Wednesday, 26 June 2002

Our Ref : MDBC:269 :ng:bwh

27 June, 2002



Light falls of between 1 and 10 mm were recorded in the southern regions of the Murray-Darling Basin with isolated falls of between 10 and 25 mm in the upper Kiewa and Ovens River catchments. Central and northern portions of the Basin received no rain this week.

Transfer of water from Dartmouth Reservoir to Hume Reservoir was increased from a rate of 3 000 to 5 000 ML/day early this week. River Murray Water is continually reviewing the requirements for augmenting storage in Hume Reservoir, and it is expected that without significant rain next week, release from Dartmouth Reservoir will be further increased next week.

Tributary inflows to the River Murray from the Kiewa and Ovens Rivers have continued to recede after last week's rain, and flows from both these tributaries are currently about 1 400 ML/day. As a result, flow downstream of Yarrawonga Weir, which peaked at about 7 000 ML/day on 20 June, has declined to 4 000 ML/day, and a further gradual recession of flow is expected early next week.

Remedial works on Yarrawonga Weir are progressing according to schedule. Refilling of Lake Mulwala is expected to commence in the second week of July, however, the rate of refilling may take into account progress of remedial works and completion of a number of other maintenance or construction activities on the Lake foreshore which are being undertaken while the Lake level is low. The rate of raising of the Lake water level will also be dependent on tributary inflows from the Kiewa and Ovens Rivers. Further details of the refilling program will be advised via Media Release and the Weekly Report.

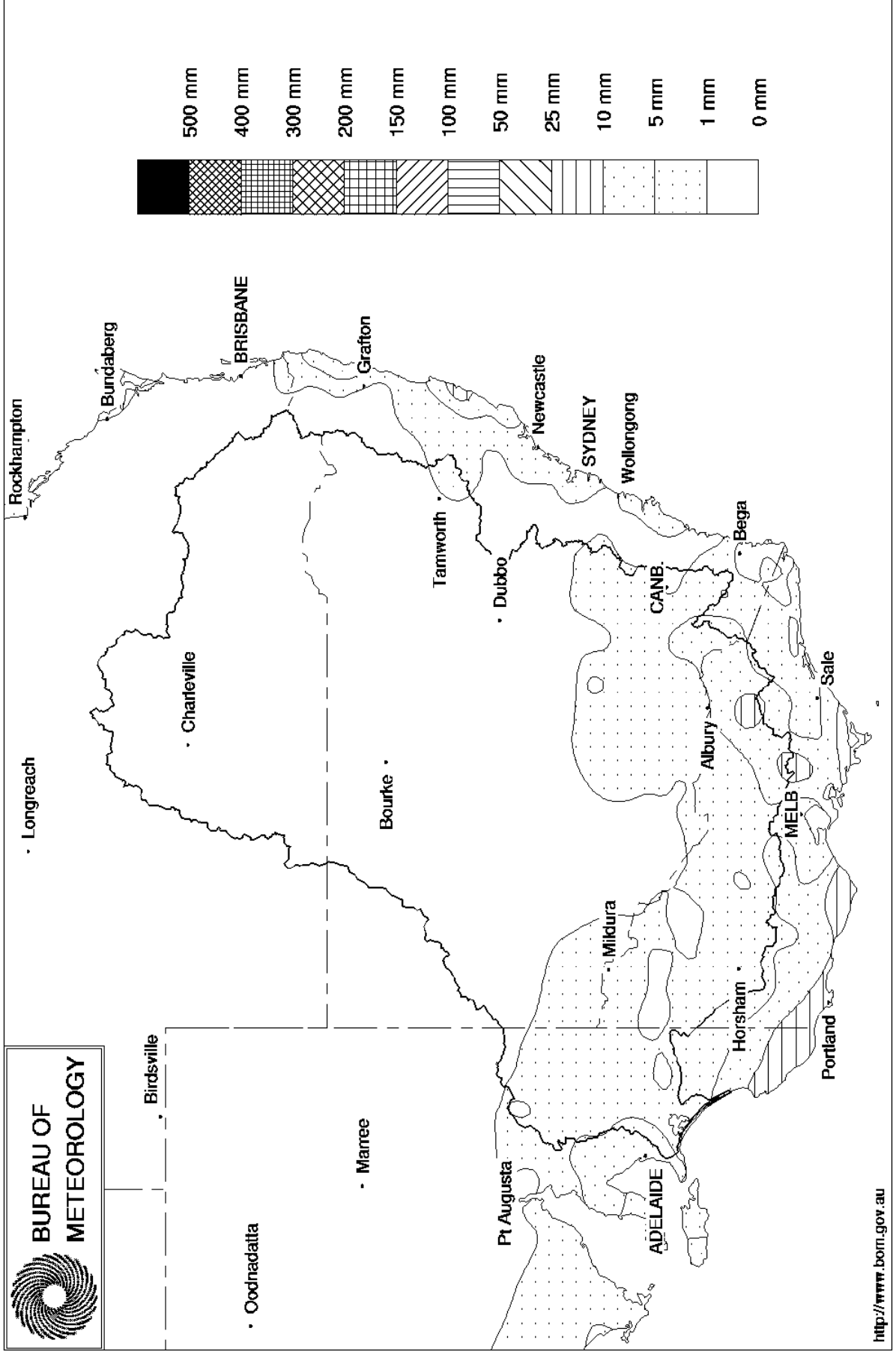
Flow downstream of Torrumbarry Weir has risen from 2 600 to 6 500 ML/day, and is expected to peak on 27 June at about 6 700 ML/day then gradually recede without further significant rain. River salinity levels downstream of Torrumbarry Weir have increased since early June from about 70 EC to 140 EC. This is due to slightly higher, and more saline, inflows from the Goulburn and Campaspe Rivers. Any increases in inflows from these tributaries due to local rain can be expected to further increase River Murray salinity.

Flow in the River Murray at Swan Hill is currently 3 900 ML/day (0.92 m gauge height) and is expected to peak at about 6 000 ML/day (1.25 m) next week before gradually receding. Flow downstream of Euston is currently steady at about 4 000 ML/day and is expected to peak at about 6 500 ML/day in early to mid July.

Salinity in the River Murray downstream of Wentworth peaked at about 320 EC earlier in June as a result of the drawdown of Mildura Weir pool in late May/early June, but has been steady at about 190 EC this week. Further downstream, the salinity peak passed Lock 9 on 18 June at 340 EC.

DAVID DOLE
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 26th June 2002
 Product of the National Climate Centre



Week ending Wednesday 26 Jun 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 in Storage for the week (GL)
				(GL)	%			
Dartmouth Reservoir	486.00	3 906	476.00	3 282	84%	80	3 202	-20
Hume Reservoir	192.00	3 038	173.56	523	17%	30	493	+77
Lake Victoria	27.00	680	24.30	391	58%	100	291	+10
Menindee Lakes		1 682 *		396	24%	640 #	0	-2
Total		9 306		4 592	49%	850	3 986	+65

* Menindee surcharge capacity 1999 GL

% of Total Active MDBC Storage = **47%**

NSW Menindee Lakes Reserve

Major State Storages

Burrinjuck Reservoir	1 026		256	25%	3	253	+6
Blowering Reservoir	1 631		383	23%	24	359	+45
Eildon Reservoir	3 390		700	21%	100	600	+15

Snowy Mountains Scheme

Snowy diversions for week ending 25-Jun-2002

Storage (GL)	Current storage	Weekly change	Diversions	This week	From 1 May 2002
Lake Eucumbene - Total	2 865	+36	Snowy-Murray	+6	66
Snowy-Murray Component	1 368	-	Tooma-Tumut	+15	39
Target Storage	1 240		Nett Diversion	-9.5	27
			Murray 1 Release	+15	115

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2001
Murray Irrig. Ltd (Net)	- .1	1 528.1
Wakool System loss	0.0	45.1
Western Murray Irrig.	0.0	29.8
Licensed Pumps	1.1	438.3
Lower Darling	0.6	124.5
TOTAL	1.6	2 165.8

Victoria	This week	From 1 July 2001
Yarrawonga Main Channel (net)	.0	546
Torrumbarry System + Nyah (net)	0.3	843
Sunraysia Pumped Districts	0.7	157
Licensed pumps - GMW (Nyah+u/s)	0.2	100
Licensed pumps - SRW	1.6	190
TOTAL	2.7	1 836

Flow to South Australia (GL)

Entitlement this month	90	(3 000 ML/day)
Flow this week	21.0	
Flow so far this month	78	
Flow last month	93	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2001
Swan Hill	200	212	182
Euston	200	187	204
Red Cliffs	170	170	270
Merbein	160	160	261
Burtundy	790	786	564
Lock 9	230	255	372
Lake Victoria	340	370	408
Berri	550	539	485
Waikerie	-	670	582
Morgan	690	692	597
Mannum	630	636	565
Murray Bridge	690	684	613
Meningie	-	-	1 268
Goolwa Barrages	4 540	4 151	1 748



Week ending Wednesday 26 Jun 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	-	-	-	2 130	F	3 040	3 630
Jingellic	4.0	1.66	208.18	4 580	F	5 990	7 730
Tallandoon (Mitta Mitta River)	4.2	2.57	219.46	5 820	R	5 450	4 070
Heywoods	5.5	1.19	154.82	600	S	600	610
Doctors Point	5.5	1.66	150.13	1 790	R	2 000	2 760
Albury	4.3	0.77	148.21	-	-	-	-
Corowa	7.0	0.77	126.79	1 940	F	2 590	2 170
Yarrowonga Weir (d/s)	6.4	0.88	115.92	3 970	F	5 430	3 220
Tocumwal	6.4	1.45	105.29	4 840	F	5 810	2 580
Torrumbarry Weir (d/s)	7.3	2.22	80.77	6 520	R	4 440	2 540
Swan Hill	4.5	0.92	63.84	3 870	R	2 880	2 660
Wakool Junction	8.8	1.92	51.04	3 620	S	3 910	5 130
Euston Weir (d/s)	8.8	0.96	42.80	4 160	F	4 640	6 170
Mildura Weir (d/s)	-	-	30.82	3 800	F	4 210	6 200
Wentworth Weir (d/s)	7.3	2.84	27.60	4 200	F	4 710	6 970
Rufus Junction	-	2.70	18.44	2 330	F	2 450	2 410
Blanchetown (Lock 1 d/s)	-	-	-	2 510	S	2 510	2 450
Tributaries							
Kiewa at Bandiana	2.7	1.51	154.74	1 420	R	1 590	2 350
Ovens at Wangaratta	11.9	8.29	145.97	1 374	F	1 700	2 600
Goulburn at McCoys Bridge	9.0	1.24	92.66	504	F	620	410
Edward at Stevens Weir (d/s)	-	-	-	250	F	240	270
Edward at Liewah	-	1.19	56.57	650	F	940	1 820
Wakool at Stoney Crossing	-	0.28	54.77	154	F	180	330
Murrumbidgee at Balranald	5.0	0.70	56.66	390	R	350	350
Barwon at Mungindi	-	3.22	-	90	S	80	30
Darling at Bourke	-	4.04	-	280	S	270	210
Darling at Burtundy Rocks	-	0.71	-	130	F	150	80

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	10 060	12 550
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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	-5.55	-	No. 7 Rufus River	22.10	+0.13	+0.39
No 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	+0.00	+0.00
No. 15 Euston	47.60	-0.01	-	No. 5 Renmark	16.30	+0.06	+0.08
No. 11 Mildura	34.40	-0.01	+0.02	No. 4 Bookpurnong	13.20	+0.03	+0.29
No. 10 Wentworth	30.80	-0.03	+0.20	No.3 Overland Corner	9.80	+0.02	+0.12
No. 9 Kulnine	27.40	+0.01	+0.06	No. 2 Waikerie	6.10	+0.03	+0.08
No. 8 Wangumma	24.60	+0.08	+0.14	No 1. Blanchetown	3.20	+0.03	-0.14

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.38	1.27	70.62	1330
No. 5 Redbank	66.90	+0.03	0.2	61.5	314

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.72	All closed
Mundoo	26 openings	0.67	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwichee	322 gates	0.69	All closed

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

