

REPORT FOR THE WEEK ENDING

Wednesday, 1 August 2001

Our Ref : MDBC:269 :ng

2 August, 2001



Significant falls of rain of up to 100 mm were recorded in northern parts of the Darling River system this week. Falls were progressively lower to the south and west with no rain recorded in western New South Wales, and only light falls of up to 10 mm in South Australia. Falls of between 10 and 25 mm were recorded in the upper Murray, but there has been very little response in streamflow

Inflows into Dartmouth and Hume Reservoirs remained fairly steady during the week at about 1 100 and 6 000 ML/day respectively. Storage in Hume Reservoir is now 1 486 GL (49% of capacity). Release from Hume Reservoir remains at the minimum requirement of 600 ML/day, however, if there is no significant rain, the first irrigation release for the season may be required next week to assist in meeting early season irrigation demand.

Total inflow to the River Murray from the Kiewa and Ovens Rivers has averaged 3 000 ML/day during the week. Release from Yarrawonga Weir is currently 3 400 ML/day, but without significant rain it is to be increased to 5 000 ML/day next week to meeting increasing downstream demand. The water level of Lake Mulwala will be drawn down next week in order to delay irrigation release and conserve resources in Hume Reservoir.

Flow passing from the River Murray to the Edward River was recently increased from 100 to 250 ML/day to assist with the gradual filling of Stevens Weir pool following a period of drawdown over winter. Filling of the weir pool will commence next week, and the water level is expected to approach Full Supply Level by 15 August to provide a suitable level for the commencement of diversions for filling of channels in the Wakool Irrigation system.

Diversion to National Channel from the Torrumbarry Weir Pool is currently about 1 200 ML/day and is forecast to gradually increase to 3 000 ML/day by 10 August. Flow downstream of Torrumbarry Weir will be maintained at about 2 000 ML/day next week unless significant rain produces increased tributary inflows upstream.

Following rain in recent weeks, inflow to the Murray from the Murrumbidgee River now exceeds 2 000 ML/day, and is expected to remain near this level next week. River Murray flow downstream of Euston Weir has been steady at about 7 000 ML/day during week, and is forecasts to slowly recede slowly next week in response to declining flows upstream.

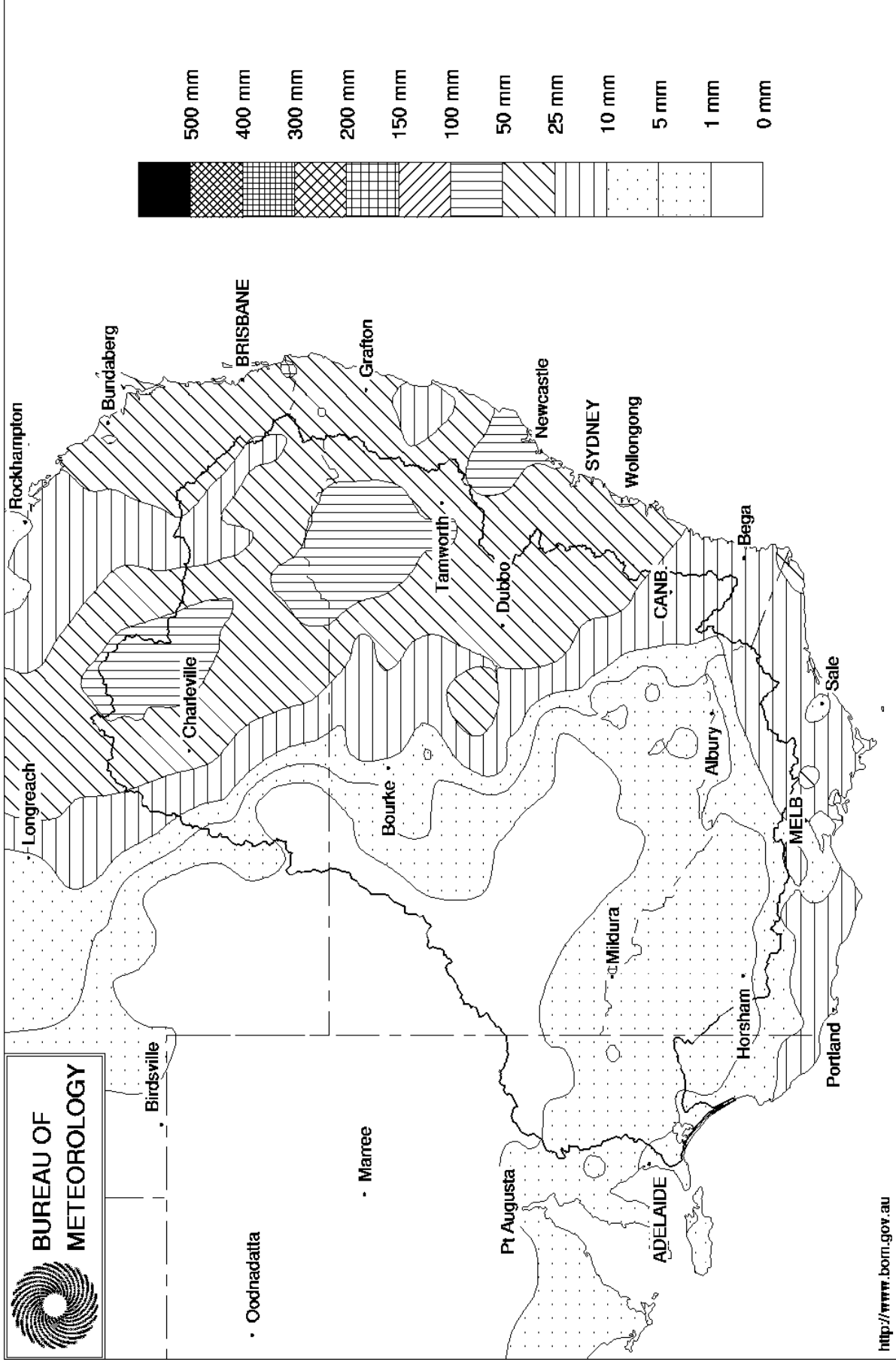
Flow to South Australia has been increased to the current August requirement of 7 000 ML/day which includes 3 000 ML/day additional dilution flow. Storage level in Lake Victoria has risen slightly to 24.1 m (372 GL or 55% of capacity), however, with declining flows upstream and the increased flow to South Australia it is expected that without significant rain the water level in Lake Victoria will gradually fall next week.

Release from Menindee Lakes remains at the minimum requirement, however, if conditions along the Murray remain dry, transfers from Menindee to augment storage in Lake Victoria may be required later in August. River Murray Water will continue to monitor conditions, and if required, any increase in release from Menindee Lakes will be notified via a media release.

DAVID DOLE
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 1st August 2001

Product of the National Climate Centre



Water in Storage

MDBC Storages	Full Supply Level m AHD	Full Supply Capacity GL	Storage Level m AHD	Current Storage		Dead storage GL	Active storage GL	Change for the week GL
				GL	%			
Dartmouth Reservoir	486.00	3906	474.14	3173	81%	80	3093	+5
Hume Reservoir	192.00	3038	182.63	1486	49%	30	1456	+35 (@)
Lake Victoria	27.00	680	24.11	372	55%	100	272	+2
Menindee		1682 *		1975	117%	480 #	1495	-6
Total		9306		7005	75%	690	6315	+0

* Menindee surcharge capacity 1999 GL

% of Total Active MDBC Storage = **73%**

NSW Menindee Lakes Reserve

(@) Note: Change in storage does not reconcile with last week's storage. This is due to a recent correction to the storage level gauge recorder.

Major State Storages

Burrinjuck Reservoir	1026	433	42%	3	430	+7
Blowering Reservoir	1631	989	61%	24	965	+25
Eildon Reservoir	3390	1118	33%	100	1018	+8

Snowy Mountains Scheme

Snowy diversions for week ending 31-Jul-2001

Storage (GL)	Current storage	Weekly change	Diversion	This week	From 1st May
Lake Eucumbene - Total	2596	-11	Snowy-Murray	+12	355
Snowy-Murray Component	1154	-	Tooma-Tumut	+2	49
Target Storage	1190		Nett Diversion	9.6	305
			Murray 1 Release	+14	416

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July
Murray Irrig. Ltd (Net)	0.0	0.0
Wakool System loss	0.0	0.0
Western Murray Irrig.	0.1	0.2
Licensed Pumps	0.6	3.8
Lower Darling	0.1	0.4
TOTAL	0.8	4.3

Victoria	This week	From 1 July
Yarrawonga Main Channel (net)	0.0	0.0
Torrumbarry System + Nyah (net)	5.6	6.8
Sunraysia Pumped Districts	0.0	0.8
Licensed pumps - GMW (Nyah+u/s)	0.0	14.6
Licensed pumps - SRW	2.5	8.9
TOTAL	8.1	31.1

Flow to South Australia (GL)

Entitlement this month	124
Flow this week	45.6
Flow so far this month	7
Flow last month	202

Salinity (EC)

(microsiemens/cm @ 25 C)

	Current	Average over the last week	Average since 1 August
Swan Hill	380	268	381
Euston	270	298	270
Red Cliffs	320	320	320
Merbein	280	270	280
Burtundy	400	403	395
Lock 9	290	310	291
L.Victoria	360	356	362
Berri	430	424	426
Waikerie	570	540	572
Morgan	540	545	536
Mannum	550	547	547
Murray Bridge	550	531	545
Meningie	1120	1140	-9
Goolwa Barrages	670	741	665



River Levels and Flows

	Minor Flood stage	Gauge height	Flow	Trend	Average flow this week	Average flow last week
River Murray	m	m	ML/day		ML/day	ML/day
Khancoban	-	-	2590	F	2690	3230
Jingellic	4.0	1.68	4740	S	4930	6390
Tallandoon (Mitta Mitta River)	4.2	1.46	880	R	900	990
Heywoods	5.5	1.26	600	S	600	600
Doctors Point	5.5	1.79	2530	R	2320	2680
Albury	4.3	0.87	-	F	-	-
Corowa	7.0	0.85	2290	F	2700	3320
Yarrawonga Weir (d/s)	6.4	0.78	3380	R	2940	4340
Tocumwal	6.4	1.22	3276	R	3320	4520
Torrumbarry Weir (d/s)	7.3	1.06	2320	F	3300	4170
Stevens Weir (d/s)		0.53	250	F	330	330
Swan Hill	4.5	0.92	3440	F	3840	3710
Wakool Junction	8.8	2.47	4896	F	5040	4720
Euston Weir (d/s)	8.8	1.57	7140	R	7030	6530
Wentworth Weir (d/s)	7.3	3.02	6980	F	7070	6340
Rufus Junction	-	3.49	6445	R	6090	6180
Blanchetown (Lock 1 d/s)	-	-	5240	R	5500	6640
Tributaries						
Kiewa at Bandiana	2.7	1.72	1950	R	1740	2180
Ovens at Wangaratta	11.9	8.22	1205	R	1250	1440
Goulburn at McCoys Bridge	9.0	1.25	518	S	530	620
Edward at Liewah	-	1.57	970	S	1010	1110
Wakool at Stoney Crossing	-	0.42	352	S	350	340
Murrumbidgee at Balranald	5.0	2.14	2040	F	1990	1680
Darling at Bourke	-	4.17	780	S	810	940
Darling at Burtundy Rocks	-	0.88	611	S	620	670
Barwon at Mungindi	-	3.74	1700	R	1000	260

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	7720	7240
---	------	------

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
Yarrawonga	124.90	-0.02	-	No. 7 Rufus River	22.10	+0.09	+1.18
No 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	+0.03	+0.09
No. 15 Euston	47.60	+0.00	-	No. 5 Renmark	16.30	+0.00	+0.18
No. 11 Mildura	34.40	+0.03	+0.15	No. 4 Bookpurnong	13.20	+0.00	+0.74
No. 10 Wentworth	30.80	-0.01	+0.38	No.3 Overland Corner	9.80	+0.00	+0.29
No. 9 Kulnine	27.40	+0.04	+0.05	No. 2 Waikerie	6.10	+0.07	+0.20
No. 8 Wangumma	24.60	+0.04	+0.16	No 1. Blanchetown	3.20	+0.06	+0.15

Murrumbidgee	FSL (M AHD)	relation to FSL	d/s gauge ht. metres	Flow ML/day
No. 7 Maude	75.40	-0.10	1.77	2360
No. 5 Redbank	66.90	-0.01	1.64	2100

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.68	All closed
Mundoo	26 openings	0.70	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwichee	322 gates	0.64	10

