

REPORT FOR THE WEEK ENDING

Wednesday, 2 August 2000

Our Ref : MDBC:269 :ng:bwh

4 August, 2000



Light falls of rain were received across much of the Basin this week. Falls between 5 and 10 mm were recorded across South Australia, Victoria and from central New South Wales to the Great Dividing Range. Some isolated falls of up to 25 mm were also recorded in southern and northern parts of the Basin.

Inflows to the headwater storages of Dartmouth and Hume Reservoirs declined throughout the week. The total increase in upper Murray storage was 174 GL, compared with 186 GL last week.

Release from Hume Reservoir has remained at the minimum rate of 600 ML/day. Without further rain, the first irrigation releases for the season may be required by about mid August if significant irrigation demand occurs and tributary flows recede to low rates.

Tributary inflows to the River Murray continued to recede this week after last week's heavier rain with inflow rates generally half of what they were this time last week. Release from Yarrowonga Weir was maintained at 16 000 ML/day for much of the week, but were reduce to 14 400 ML/day by the end of the week. Without further significant rain, the release will be reduced to less than 8000 ML/day by then end of next week.

Diversion via National Channel from the Torrumbarry Weir pool commenced this week to assist in filling the Torrumbarry Irrigation system in preparation for the start of the irrigation season. Flow downstream of Torrumbarry Weir is forecast to remain at about 9 000 ML/day throughout early next week before declining later in the week. Further downstream at Euston, flow was steady throughout the week at 12 000 ML/day, and is forecast to remain steady next week.

Inflow to Menindee Lakes is about 4 500 ML/day and steady. Release from the Lakes at Weir 32 to the lower Darling is now 2 000 ML/day and will be reduced to about 1 000 ML/day by the end of next week. Release to the Great Darling Anabranche were reduced from 1 000 to 500 ML/day this week. Storage in the Lakes remains near maximum surcharge level.

Storage in Lake Victoria increased by 34 GL to 617 GL (91% of capacity, 26.4 m AHD). However, in accordance with an operating plan announced recently, filling of the Lake will be temporarily suspended to provide protection for natural and cultural heritage values at the Lake (*see media release attached*). As a result, flow to South Australia (currently about 12 000 ML/day) is expected to be increased to a peak at about 16 000 ML/day during next week.

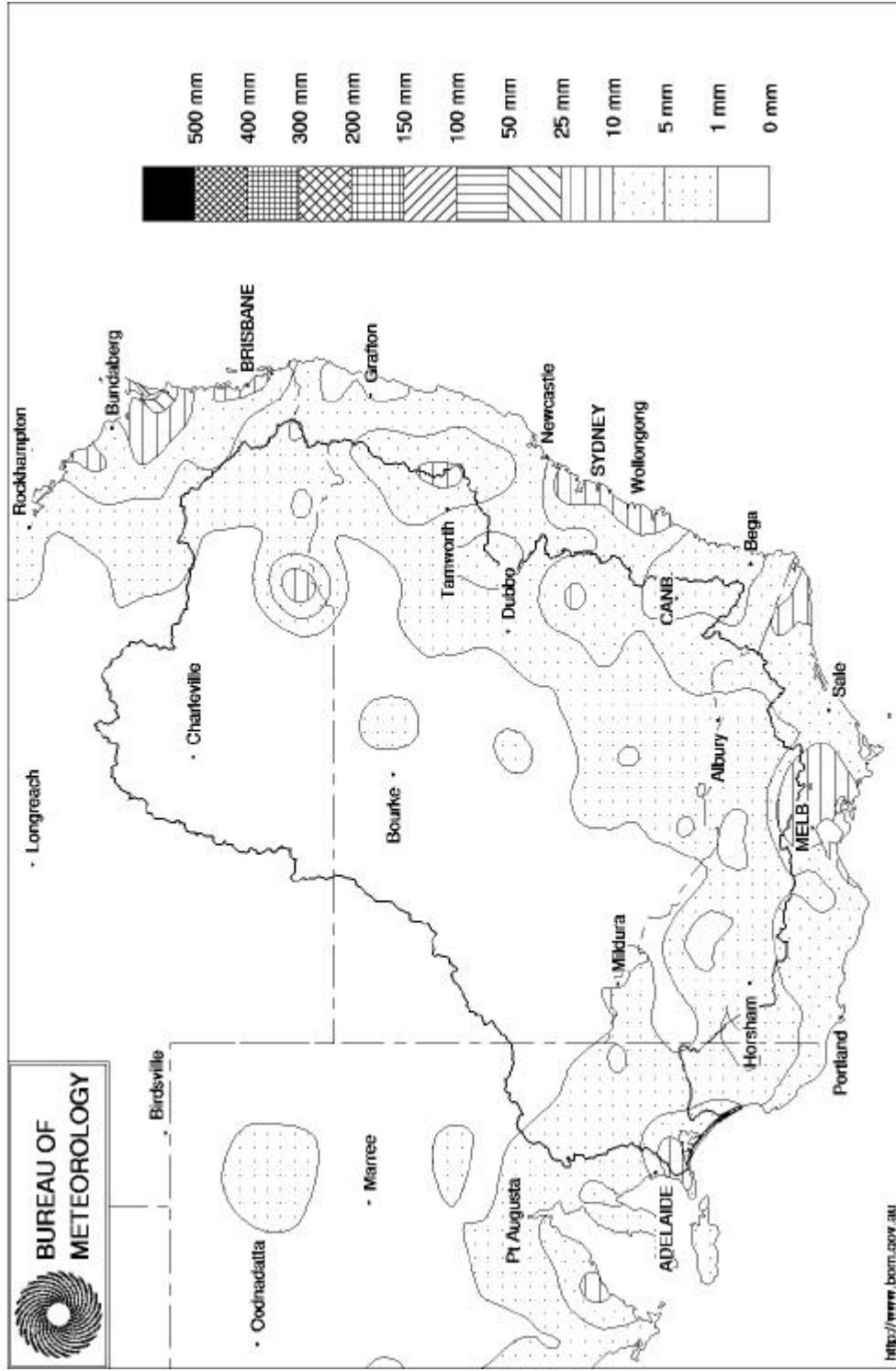
Salinities along the River Murray generally remain at satisfactory levels.

Recipients of the Weekly Report via mail are reminded to respond to the request (with last week's report) to CONFIRM their future requirements (refer to attached notice).

DAVID DOLE
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 2nd August 2000

Product of the National Climate Centre



<http://www.bom.gov.au>

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Issued: 02/08/2000

Week ending 02-Aug-2000

Water in Storage

MDBC Storages	FSL	Full Supply	Level	Storage		Dead storage	Active storage	Change for week
	m AHD	GL	m AHD	GL	%	GL	GL	GL
Dartmouth Reservoir	486	3906	458.26	2326	60%	80	2246	+32
Hume Reservoir	192	3038	185.74	1930	64%	30	1900	+142
Lake Victoria	27	680	26.43	617	91%	100	517	+34
Menindee		1682 *		1971	117%	480 #	1491	-7
Total		9306		6844	74%	690	6154	+201

* Menindee surcharge capacity 1999 GL

% of Total Active MDBC Storage = 71%

NSW Menindee Lakes Reserve

Major State Storages

Burrinjuck Reservoir	1026	435	42%	3	432	+9
Blowering Reservoir	1631	880	54%	24	856	+48
Eildon Reservoir	3390	815	24%	100	715	+66

Snowy Mountains Scheme

Snowy diversions for week ending 01-Aug-2000

Storage (GL)	Current storage	Weekly change	Diversion	This week	From 1st May
Lake Eucumbene - Total	2273	-24	Snowy-Murray	+35	330
Snowy-Murray Component	1091	-29	Tooma-Tumut	+6	61
Target Storage	1190		Nett Diversion	28.3	269
			Murray 1 Release	+39	382

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	0.2	0.2
Western Murray Irrig.	0.0	0.2
Licensed Pumps	0.7	3.3
Lower Darling	14.1	34.4
TOTAL	15.1	38.1

Victoria	This week	From 1 July
Yarrowonga Main Channel (net)	0.0	0.0
Torrumbarry System + Nyah (net)	11.5	11.5
Sunraysia Pumped Districts	0.0	0.4
Licensed pumps - GMW (Nyah+u/s)	0.0	0.4
Licensed pumps - SRW	1.6	7.5
TOTAL	13.1	19.8

Flow to South Australia (GL)

Entitlement this month	124
Flow this week	59.6
Flow so far this month	20
Flow last month	211

Salinity (EC)

(microsiemens/cm @ 25 C)

	Current	Average over the last week	Average since 1 August
Swan Hill	160	148	155
Euston	190	180	192
Red Cliffs	220	230	217
Merbein	180	190	181
Burtundy	340	328	334
Lock 9	250	245	249
L. Victoria	250	336	266
Berri	370	361	368
Waikerie	460	440	454
Morgan	480	482	489
Mannum	490	486	-9
Murray Bridge	440	452	437
Meningie	1160	1140	-9
Goolwa Barrages	1250	2163	1291



River Levels and Flows

	Minor Flood stage m	Gauge height m	Flow ML/day	Trend	Average flow this week ML/day	Average flow last week ML/day
River Murray						
Khancoban	-	-	7340	R	6780	7030
Jingellic	4.0	2.54	12770	F	14340	15400
Tallandoon (Mitta Mitta River)	4.2	1.82	2030	F	2350	2330
Heywoods	5.5	1.23	600	S	620	600
Doctors Point	5.5	1.77	2410	R	3080	4080
Albury	4.3	0.90	-	F	-	-
Corowa	7.0	0.99	2930	F	3900	4810
Yarrowonga Weir (d/s)	6.4	2.27	14400	F	15770	12700
Tocumwal	6.4	2.95	15400	S	15150	11330
Torrumbarry Weir (d/s)	7.3	2.95	9385	F	10120	9400
Swan Hill	4.5	1.81	9690	F	9420	8980
Wakool Junction	8.8	3.93	12000	R	11460	11110
Euston Weir (d/s)	8.8	2.31	12190	R	12130	11680
Wentworth Weir (d/s)	7.3	3.47	13820	S	13600	12810
Rufus Junction	-	4.26	11244	R	7840	6150
Blanchetown (Lock 1 d/s)	-	-	8880	R	7240	6870
Tributaries						
Kiewa at Bandiana	2.7	1.85	2200	R	2780	3570
Ovens at Wangaratta	11.9	9.99	7006	F	10730	10070
Goulburn at McCoys Bridge	9.0	2.34	2306	R	2390	1960
Edward at Liewah	-	2.94	2640	R	2460	2310
Wakool at Stoney Crossing	-	0.37	276	S	280	280
Murrumbidgee at Balranald	5.0	0.74	420	F	580	880
Darling at Bourke	-	4.41	2610	F	2640	2580
Darling at Burtundy Rocks	-	2.05	3320	S	3310	3150
Barwon at Mungindi	-	3.26	150	S	140	110

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	21790	20540
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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	+0.03	-	No. 7 Rufus River	22.10	+0.21	+1.94
No 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	+0.05	+0.30
No. 15 Euston	47.60	-0.02	-	No. 5 Renmark	16.30	+0.00	+0.38
No. 11 Mildura	34.40	+0.05	+0.46	No. 4 Bookpurnong	13.20	+0.05	+1.14
No. 10 Wentworth	30.80	+0.04	+0.83	No.3 Overland Corner	9.80	+0.03	+0.37
No. 9 Kulnine	27.40	+0.07	+0.17	No. 2 Waikerie	6.10	+0.00	+0.40
No. 8 Wangumma	24.60	+0.06	+0.43	No 1. Blanchetown	3.20	+0.03	+0.17

Murrumbidgee	FSL (M AHD)	relation to FSL	d/s gauge ht. metres	Flow ML/day
No. 7 Maude	75.40	+0.12	2.49	3900
No. 5 Redbank	66.90	+0.28	0.61	758

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.74	20
Mundoo	26 openings	0.85	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	50
Tauwitchere	322 gates	0.81	20

