

REPORT FOR THE WEEK ENDING

Wednesday, 20 June 2001

Our Ref : MDBC:269 :ng

21 June, 2001



Rainfalls of up to 10 mm were recorded across much of the Basin this week with heavier falls of up to 25 mm received in the catchments of the upper Murray, Mitta Mitta, Kiewa and Ovens Rivers.

Streamflows in the upper Murray and its tributaries have receded after the heavier rain of last week. Inflow to Dartmouth Reservoir has receded to about 1 000 ML/day with storage rising 17 GL to 3 125 GL (or 80% of capacity). Inflow to Hume Reservoir receded to 8 000 ML/day after peaking at about 17 000 ML/day earlier in the week. The storage level in Hume Reservoir rose 0.7 m and is now at 180 m or 12 m below Full Supply Level. The current volume in store is 1 165 GL (or 38% of capacity).

Inflows to the River Murray from the Kiewa and Ovens Rivers both peaked at between 4 000 and 5 000 ML/day and are currently receding. Flow in the River Murray downstream of Yarrawonga Weir peaked at about 6 500 ML/day and is now being reduced. Without further rain it is expected that release from Yarrawonga Weir will be reduced to about 2 500 ML/day by Wednesday 27 June.

The minor flow peak in the River Murray is now reaching Picnic Point in the Barmah-Millewa Forest and is resulting in slightly higher flows passing to the Edward River and Gulpa Creek. The offtake regulators for these streams have effectively been removed to allow natural flow pulses to make their way down the Edward River system, and to allow the unimpeded passage of fish between the Edward River and River Murray. Flow in the Edward River at Stevens Weir (downstream of Deniliquin) is currently about 300 ML/day and may rise to about 1 500 ML/day next week.

Inflow to the River Murray from the Goulburn River, currently at 800 ML/day, is expected to peak at about 900 ML/day before gradually receding later next week. Inflow from the Murrumbidgee River remains steady at 300 ML/day, however a minor rise to about 1 000 ML/day is expected in early July in response to last week's rain. Flow in the River Murray at Euston is expected to remain fairly steady at about 4 000 ML/day throughout next week before rising to an expected peak of 6 000 ML/day in early July.

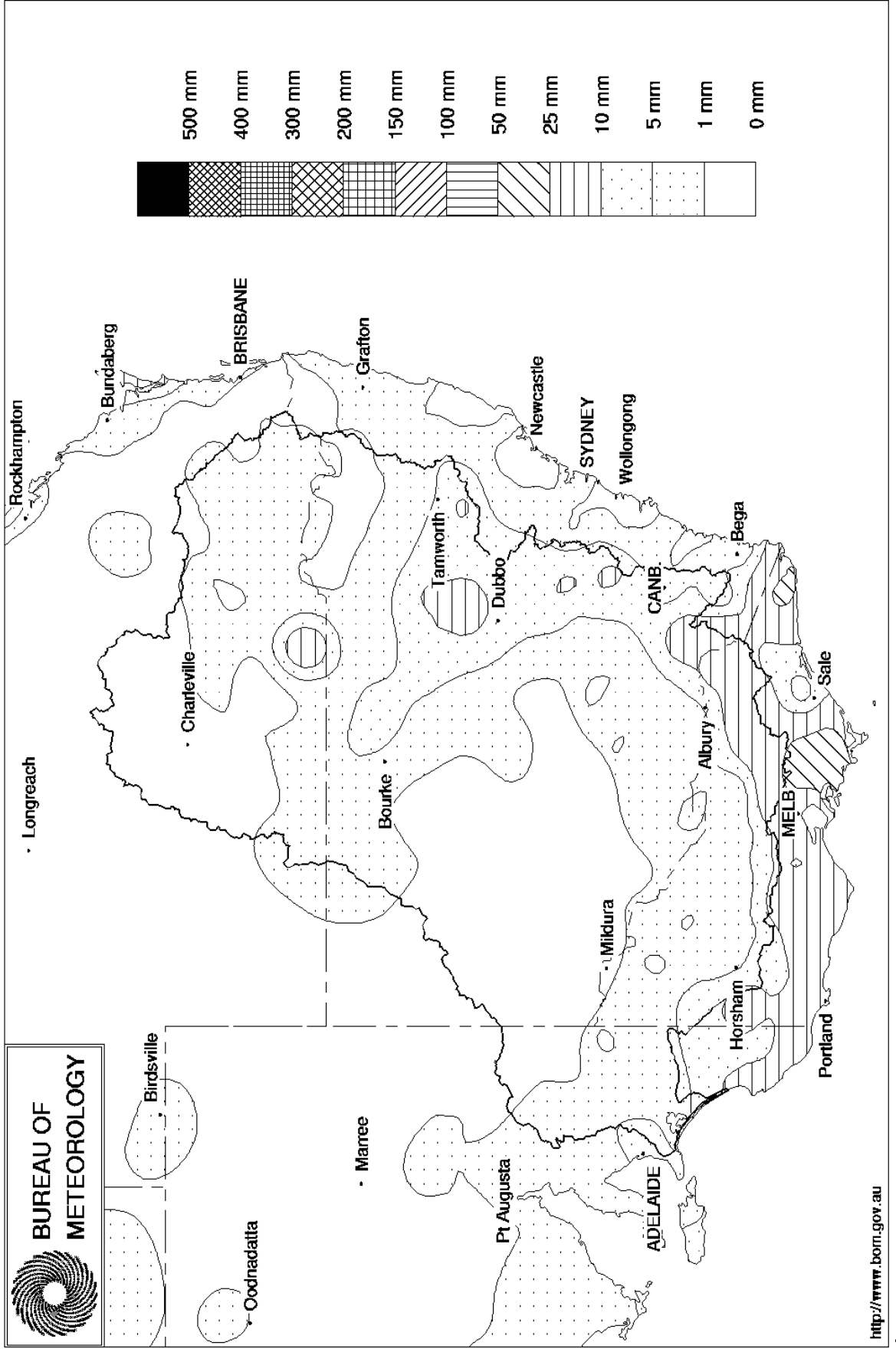
Flow in the Darling River at Wilcannia is currently steady at about 1 700 ML/day and is expected to gradually recede next week. Storage in Menindee Lakes is steady at about 99% of surcharge capacity. Without significant rain in the Darling catchment, release from Menindee Lakes is likely to remain at 500 ML/day throughout winter. River Murray Water shall provide updates on the likelihood of higher releases from the Lakes over the coming months.

Flow to South Australia remains steady at about 3 000 ML/day to permit completion of the "run of river" salinity survey in South Australia. It is anticipated that flow to South Australia shall be increased to 6 500 ML/day by July and notification of this will be given in next week's report and by Media Release.

DAVID DOLE
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 20th June 2001

Product of the National Climate Centre



Week ending 20-Jun-2001

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	473.32	3125	80%	80	3045	+17
Hume Reservoir	192.00	3038	180.06	1165	38%	30	1135	+77
Lake Victoria	27.00	680	24.06	367	54%	100	267	+18
Menindee		1682 *		1969	117%	480 #	1489	+4
Total		9306		6626	71%	690	5936	+116

* Menindee surcharge capacity 1999 GL

% of Total Active MDBC Storage = **69%**

NSW Menindee Lakes Reserve

Major State Storages

Burrinjuck Reservoir	1026	411	40%	3	408	+4
Blowering Reservoir	1631	828	51%	24	804	+45
Eildon Reservoir	3390	1067	31%	100	967	+14

Snowy Mountains Scheme

Snowy diversions for week ending 19-Jun-2001

Storage (GL)	Current storage	Weekly change	Diversion	This week	From 1st May
Lake Eucumbene - Total	2634	+6	Snowy-Murray	+17	238
Snowy-Murray Component	1202	-	Tooma-Tumut	+14	23
Target Storage	1240		Nett Diversion	2.9	215
			Murray 1 Release	+31	270

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July
Murray Irrig. Ltd (Net)	0.0	1576.5
Wakool System loss	0.0	38.8
Western Murray Irrig.	0.0	31.0
Licensed Pumps	1.3	386.0
Lower Darling	0.1	290.3
TOTAL	1.4	2322.6

Victoria	This week	From 1 July
Yarrawonga Main Channel (net)	0.0	481.4
Torrumbarry System + Nyah (net)	0.0	774.6
Sunraysia Pumped Districts	0.0	156.4
Licensed pumps - GMW (Nyah+u/s)	0.0	60.7
Licensed pumps - SRW	1.7	169.0
TOTAL	1.7	1642.1

Flow to South Australia (GL)

Entitlement this month	90
Flow this week	19.0
Flow so far this month	61
Flow last month	222

Salinity (EC)

(microsiemens/cm @ 25 C)

	Current	Average over the last week	Average since 1 August
Swan Hill	370	306	219
Euston	230	226	203
Red Cliffs	290	300	253
Merbein	260	310	238
Burtundy	400	398	413
Lock 9	300	350	282
L. Victoria	340	343	313
Berri	460	452	341
Waikerie	540	540	397
Morgan	530	522	403
Mannum	450	449	406
Murray Bridge	530	505	400
Meningie	1170	1140	1239
Goolwa Barrages	1570	1726	1200



Week ending 20-Jun-2001

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	-	-	6040	F	5330	6720
Jingellic	4.0	2.11	8490	R	10240	7900
Tallandoon (Mitta Mitta River)	4.2	1.41	830	F	1280	1220
Heywoods	5.5	1.26	600	S	600	650
Doctors Point	5.5	1.70	2010	R	2990	1810
Albury	4.3	0.82	-	F	-	-
Corowa	7.0	0.97	2830	F	3430	1850
Yarrawonga Weir (d/s)	6.4	1.16	5770	S	5050	1910
Tocumwal	6.4	1.71	5617	S	4240	2280
Torrumbarry Weir (d/s)	7.3	1.45	3571	R	2760	2480
Stevens Weir (d/s)	-	0.58	289	R	271	270
Swan Hill	4.5	0.78	2600	S	2660	2960
Wakool Junction	8.8	2.07	3599	F	3800	4360
Euston Weir (d/s)	8.8	0.96	3760	F	4500	4970
Wentworth Weir (d/s)	7.3	2.91	4940	F	5280	5630
Rufus Junction	-	2.71	2241	S	2210	2630
Blanchetown (Lock 1 d/s)	-	-	2930	S	2930	2730
Tributaries						
Kiewa at Bandiana	2.7	1.54	1600	R	2530	1120
Ovens at Wangaratta	11.9	8.28	1349	F	2440	810
Goulburn at McCoys Bridge	9.0	1.42	784	R	620	410
Edward at Liewah	-	1.34	770	F	820	1120
Wakool at Stoney Crossing	-	0.37	276	F	320	380
Murrumbidgee at Balranald	5.0	0.62	320	R	310	330
Darling at Bourke	-	4.20	960	F	1090	1360
Darling at Burtundy Rocks	-	0.89	654	S	670	690
Barwon at Mungindi	-	3.45	610	S	540	460

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	14960	4430
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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
Yarrawonga	124.90	-0.21	-	No. 7 Rufus River	22.10	+0.13	+0.39
No. 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	-0.02	-0.06
No. 15 Euston	47.60	+0.01	-	No. 5 Renmark	16.30	-0.02	+0.07
No. 11 Mildura	34.40	+0.01	+0.07	No. 4 Bookpurnong	13.20	+0.02	+0.28
No. 10 Wentworth	30.80	-0.01	+0.27	No.3 Overland Corner	9.80	+0.00	+0.13
No. 9 Kulnine	27.40	+0.04	+0.03	No. 2 Waikerie	6.10	+0.01	+0.14
No. 8 Wangumma	24.60	+0.05	+0.14	No 1. Blanchetown	3.20	+0.10	-0.07

Murrumbidgee	FSL (M AHD)	relation to FSL	d/s gauge ht. metres	Flow ML/day
No. 7 Maude	75.40	-0.05	0.80	520
No. 5 Redbank	66.90	-0.84	0.28	394

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.72	All closed
Mundoo	26 openings	0.71	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwicheere	322 gates	0.73	10

