

REPORT FOR THE WEEK ENDING

Wednesday, 19 June 2002

Our Ref: MDBC:269 :dc:bwh

20 June, 2002



Widespread rain was recorded across most of the Murray-Darling Basin, with the highest falls in the range 25 to 100 mm in upper Murray catchments producing small increases in inflows to Hume and Dartmouth Reservoirs. However, progressive inflows in June remain below average. Inflow to Menindee Lakes remains very low at 100 ML/day.

Transfer of water from Dartmouth Reservoir to Hume Reservoir has been maintained at 3 000 ML/day but is being increased to 5 000 ML/day commencing Thursday 20 June (*refer to attached media release*).

Improved unregulated inflow to Hume, combined with the transfer from Dartmouth, has led to Hume storage increasing by 78 GL to 445 GL or 15 % of capacity.

Flows to the River Murray from the Kiewa and Ovens Rivers peaked at about 3 300 and 4 300 ML/day respectively late in the week, and flows are now receding. Without further rainfall however both of these tributaries will recede over the coming week. As a result, flow downstream of Yarrawonga Weir has increased from 1 800 to 6 500 ML/day, and is expected to peak at about 7 000 ML/day early next week before receding to about 3 000 ML/day without further significant rain.

In the Edward River system, maintenance work is continuing at Stevens Weir, and downstream flow is being maintained at about 200 ML/day.

Flow from the Goulburn River to the River Murray has risen from 400 to 500 ML/day, and is expected to peak at about 700 ML/day in the coming week. This, together with the arrival of increased flow from Yarrawonga, is currently forecast to raise the flow downstream of Torrumbarry Weir (currently 2 600 ML/day) to about 6 500 ML/day by late next week.

River Murray flow downstream of Euston Weir has continued to recede to 5 300 ML/day, and is forecast to gradually fall to about 4 200 ML/day by 26 June then begin to rise as increased flows from the Kiewa, Ovens and Goulburn Rivers arrive. Whilst there has yet been no increase in flow from the Murrumbidgee River, an increase is expected in early July as a result of the rain last week.

On Monday 17 June, a salinity survey of the River Murray commenced downstream of Lock 7. This is being undertaken by the South Australian Department of Water, Land and Biodiversity Conservation, from Lock 7 to Lock 1 and is expected to take three weeks to complete. The survey results will provide information on the amount of salt entering the river to assist planning of future salinity reduction schemes, and for assessing the performance of existing salt interception schemes. One of the requirements for accurate salinity monitoring during the survey is low steady river flow. To assist with this survey, flow to South Australia will be maintained at the current rate of 3 000 ML/day for the first week of July (or 500 ML/day below the average entitlement flow for July). Flow will then be increased slightly above the July entitlement rate of 3 500 ML/day for the remainder of July to ensure that the July entitlement volume is delivered.

DAVID DOLE
General Manager

MEDIA RELEASE

Monday, 17 June 2002



Increase in Rate of Transfer from Dartmouth Reservoir to Hume Reservoir

River Murray Water announced today that transfer rates from Dartmouth Reservoir to Hume Reservoir will be further increased in preparation for the 2002/2003 irrigation season.

Whilst there has been recent rain, inflows to Hume Reservoir are currently relatively low, and storage in Hume remains low at 14% of capacity. In addition, there is currently no Murray-Darling Basin Commission storage available in Menindee Lakes, and 85% of the Commission's current active storage is now held in Dartmouth Reservoir. If conditions are dry along the Murray over the 2002/03 season, and without improvements in inflows to Menindee Lakes, most of the requirements of the River Murray will need to be supplied from Dartmouth Reservoir.

Commencing at 8:00 am on Thursday 20 June, release from Dartmouth Reservoir at Colemans will be gradually increased from 3 000 ML/day (1.9 m gauge height) to 5 000 ML/day (2.2 m gauge height). Further downstream along the Mitta Mitta River, flow at Tallandoon (currently 4 600 ML/day or 2.4 m gauge height) is expected to increase to about 6 200 ML/day (2.6 m gauge height) by 21 June. However, flow at Tallandoon will vary according to inflows received from tributaries between Dartmouth and Tallandoon.

River Murray Water is continuing to closely monitor inflow conditions and storage in Hume Reservoir and Lake Victoria, and the rate of transfer from Dartmouth will be adjusted as necessary. If dry conditions occur during the remainder of June, further increases in release from Dartmouth to rates approaching channel capacity at Tallandoon can be expected. Under an extended period of dry conditions, high transfer rates would be required to continue into early 2003.

A further media release will be issued when there is a significant change in the release program.

For further information contact:

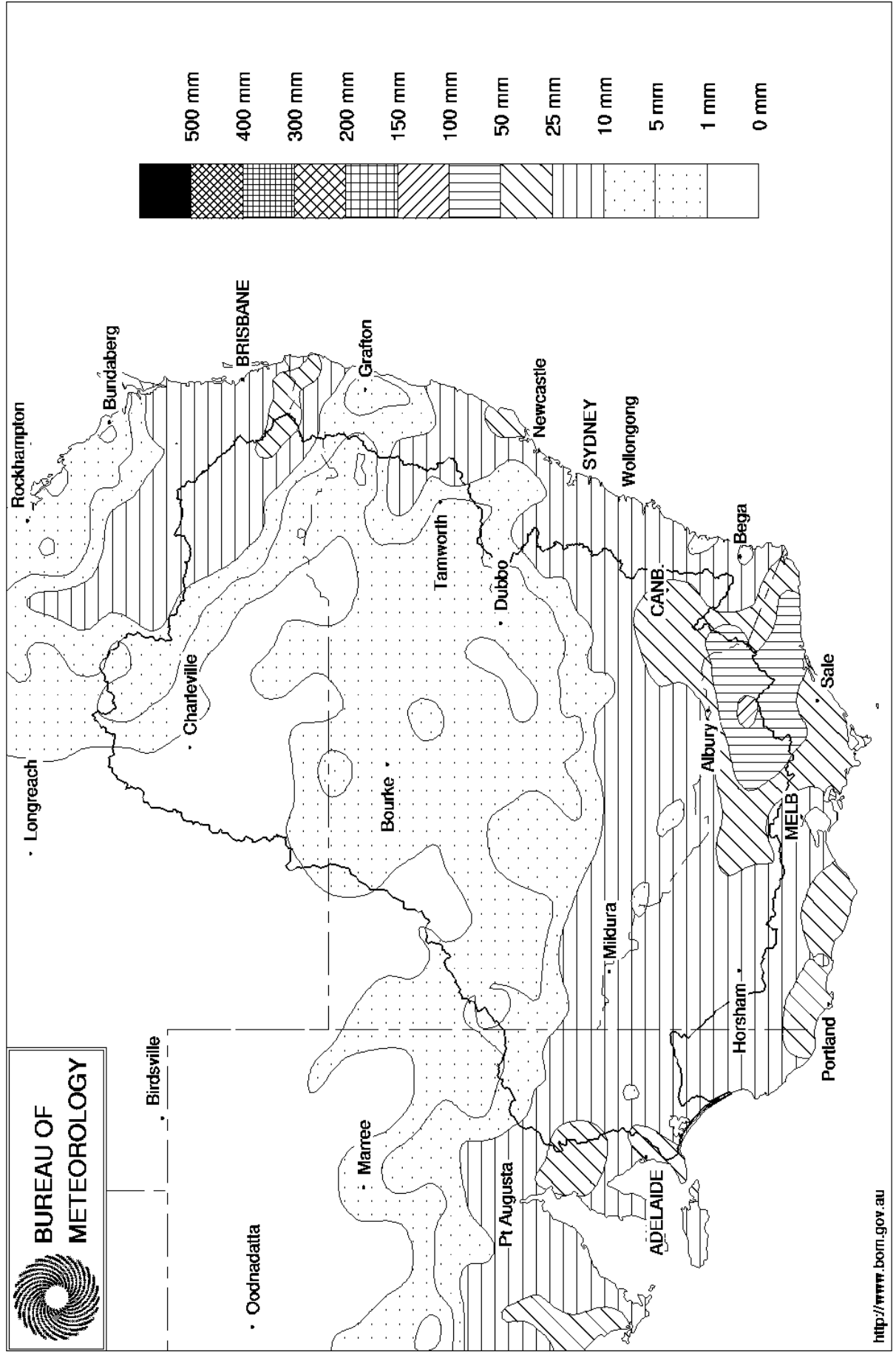
Bryan Harper

Manager Production

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Murray Darling Rainfall Analysis (mm) Week Ending 19th June 2002

Product of the National Climate Centre



Week ending Wednesday 19 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	476.34	3 303	85%	80	3 223	+5
Hume Reservoir	192.00	3 038	172.57	445	15%	30	415	+78
Lake Victoria	27.00	680	24.20	381	56%	100	281	+32
Menindee Lakes		1 682 *		398	24%	640 #	0	-4
Total		9 306		4 527	49%	850	3 919	+112

* Menindee surcharge capacity 1999 GL

% of Total Active MDBC Storage = **46%**

NSW Menindee Lakes Reserve

Major State Storages

Burrinjuck Reservoir	1 026		251	24%	3	248	+11
Blowering Reservoir	1 631		338	21%	24	314	+30
Eildon Reservoir	3 390		685	20%	100	585	+30

Snowy Mountains Scheme

Snowy diversions for week ending 18-Jun-2002

Storage (GL)	Current storage	Weekly change	Diversion	This week	From 1 May 2002
Lake Eucumbene - Total	2 829	+59	Snowy-Murray	+0	60
Snowy-Murray Component	1 354	-	Tooma-Tumut	+9	23
Target Storage	1 240		Nett Diversion	-8.8	37
			Murray 1 Release	+17	101

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2001
Murray Irrig. Ltd (Net)	- .1	1 528.2
Wakool System loss	0.0	45.0
Western Murray Irrig.	0.1	29.8
Licensed Pumps	1.1	437.3
Lower Darling	0.1	123.8
TOTAL	1.2	2 164.1

Victoria	This week	From 1 July 2001
Yarrawonga Main Channel (net)	.0	546
Torrumbarry System + Nyah (net)	0.0	842
Sunraysia Pumped Districts	0.0	156
Licensed pumps - GMW (Nyah+u/s)	0.0	100
Licensed pumps - SRW	1.6	188
TOTAL	1.6	1 833

Flow to South Australia (GL)

Entitlement this month	90	(3 000 ML/day)
Flow this week	21.0	
Flow so far this month	57	
Flow last month	93	

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2001
Swan Hill	190	196	182
Euston	160	153	205
Red Cliffs	160	160	273
Merbein	170	150	263
Burtundy	780	785	559
Lock 9	340	327	375
Lake Victoria	390	434	409
Berri	540	538	484
Waikerie	670	660	580
Morgan	700	701	595
Mannum	640	632	563
Murray Bridge	680	685	612
Meningie	N/A	1 550	1 268
Goolwa Barrages	4 700	5 159	1 696



Week ending Wednesday 19 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	-	-	-	3 370	F	3 680	4 550
Jingellic	4.0	2.02	208.54	7 630	F	7 730	6 240
Tallandoon (Mitta Mitta River)	4.2	2.21	219.10	3 730	F	4 070	1 470
Heywoods	5.5	1.19	154.82	600	S	610	960
Doctors Point	5.5	1.99	150.46	3 790	R	2 760	1 280
Albury	4.3	0.95	148.39	-	-	-	-
Corowa	7.0	1.14	127.16	3 650	R	2 170	1 360
Yarrawonga Weir (d/s)	6.4	1.26	116.30	6 500	R	3 220	1 800
Tocumwal	6.4	1.22	105.06	3 640	R	2 580	2 250
Torrumbarry Weir (d/s)	7.3	1.11	79.66	2 590	R	2 540	2 740
Swan Hill	4.5	0.73	63.65	2 670	S	2 660	4 010
Wakool Junction	8.8	2.19	51.31	4 500	F	5 130	7 990
Euston Weir (d/s)	8.8	1.18	43.02	5 300	F	6 170	9 490
Mildura Weir (d/s)	-	-	30.89	5 090	F	6 200	8 080
Wentworth Weir (d/s)	7.3	2.92	27.68	5 760	S	6 970	7 730
Rufus Junction	-	2.75	19.07	2 600	S	2 410	2 400
Blanchetown (Lock 1 d/s)	-	-	-	2 510	S	2 450	2 500
Tributaries							
Kiewa at Bandiana	2.7	2.14	155.37	2 760	F	2 350	460
Ovens at Wangaratta	11.9	8.82	146.50	2 854	F	2 600	480
Goulburn at McCoys Bridge	9.0	1.24	92.66	504	R	410	360
Edward at Stevens Weir (d/s)	-	-	-	240	S	270	750
Edward at Liewah	-	1.98	57.36	1 380	F	1 820	2 540
Wakool at Stoney Crossing	-	0.36	54.85	260	F	330	460
Murrumbidgee at Balranald	5.0	0.65	56.61	340	S	350	380
Barwon at Mungindi	-	3.17	-	20	S	30	80
Darling at Bourke	-	4.02	-	220	S	210	220
Darling at Burtundy Rocks	-	0.70	-	110	F	80	170

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	12 550	6 620
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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	-5.36	-	No. 7 Rufus River	22.10	+0.13	+0.43
No 26 Torrumbarry	86.05	+0.00	-	No. 6 Murtho	19.25	+0.01	+0.00
No. 15 Euston	47.60	+0.00	-	No. 5 Renmark	16.30	+0.06	+0.08
No. 11 Mildura	34.40	-0.02	+0.09	No. 4 Bookpurnong	13.20	+0.03	+0.29
No. 10 Wentworth	30.80	-0.01	+0.28	No.3 Overland Corner	9.80	+0.01	+0.12
No. 9 Kulline	27.40	+0.03	+0.06	No. 2 Waikerie	6.10	+0.03	+0.08
No. 8 Wangumma	24.60	+0.08	+0.13	No 1. Blanchetown	3.20	+0.03	-0.17

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-0.84	0.76	70.11	469
No. 5 Redbank	66.90	-0.16	0.2	61.5	314

Barrages

FSL = 0.75 m AHD

	Openings	Level	Status
Goolwa	128 openings	0.76	All closed
Mundoo	26 openings	0.75	All closed
Boundary Creek	6 openings	-	All closed
Ewe Island	111 gates	-	All closed
Tauwichee	322 gates	0.80	All closed

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

