

REPORT FOR THE WEEK ENDING

Wednesday, 20 June 2007

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Trim Ref : 07/8465*

22 June, 2007



Rainfall and inflows

During the past week, heavy rain once again fell along the Central and South Coasts of NSW and West Gippsland of Victoria. This rain extended into the Murray-Darling Basin but at lower intensities. Light to moderate falls (15 to 50 mm) were recorded along the Great Dividing Range, with Falls Creek receiving 44 mm and Omeo 48 mm. Further inland, only light falls (0 to 15 mm) were recorded across the south, east and north of the Basin (*see attached map*).

This rain had negligible effect on inflows to the River Murray System. Flow at Hinnomunjie Bridge in the upper Mitta Mitta catchment has now dropped to about 700 ML/day after reaching a peak of 3 600 ML/day due to rain in late May. Likewise, flow in the Ovens River at Wangaratta has now fallen to about 850 ML/day after reaching a peak of 6 000 ML/day in early June. Flow in the Kiewa River has been fluctuating between 1 000 and 2 200 ML/day, partly due to increased release for hydro-electric power generation.

The small flush in the Darling River from rain near Bourke in May, has been decreasing in volume as it moves downstream and might not reach Wilcannia.

River Murray Operations

During the past week, the release from Dartmouth Reservoir has been maintained at the normal minimum rate of 200 ML/day and storage has increased from 492 GL to 498 GL (12.8% capacity). Release from Hume Reservoir has been reduced from 600 to 400 ML/day as part of the drought contingency planning. Hume storage volume has increased from 290 GL to 333 GL (10.9 % capacity), the bulk of which came from the Snowy Mountains Scheme.

The release from Yarrawonga Weir has dropped to 2 230 ML/day after reaching a peak of 6 200 ML/day as a result of the rain in late May. If there is no significant rain in the next two weeks, it is expected to gradually reduce to about 1 800 ML/day by early July. The flow at Torrumbarry Weir is currently 3 300 ML/day and continues to decline after reaching a peak of 6 140 ML/day on 13th June. If there is no further rain, it is expected to drop to about 2 500 ML/day by early July.

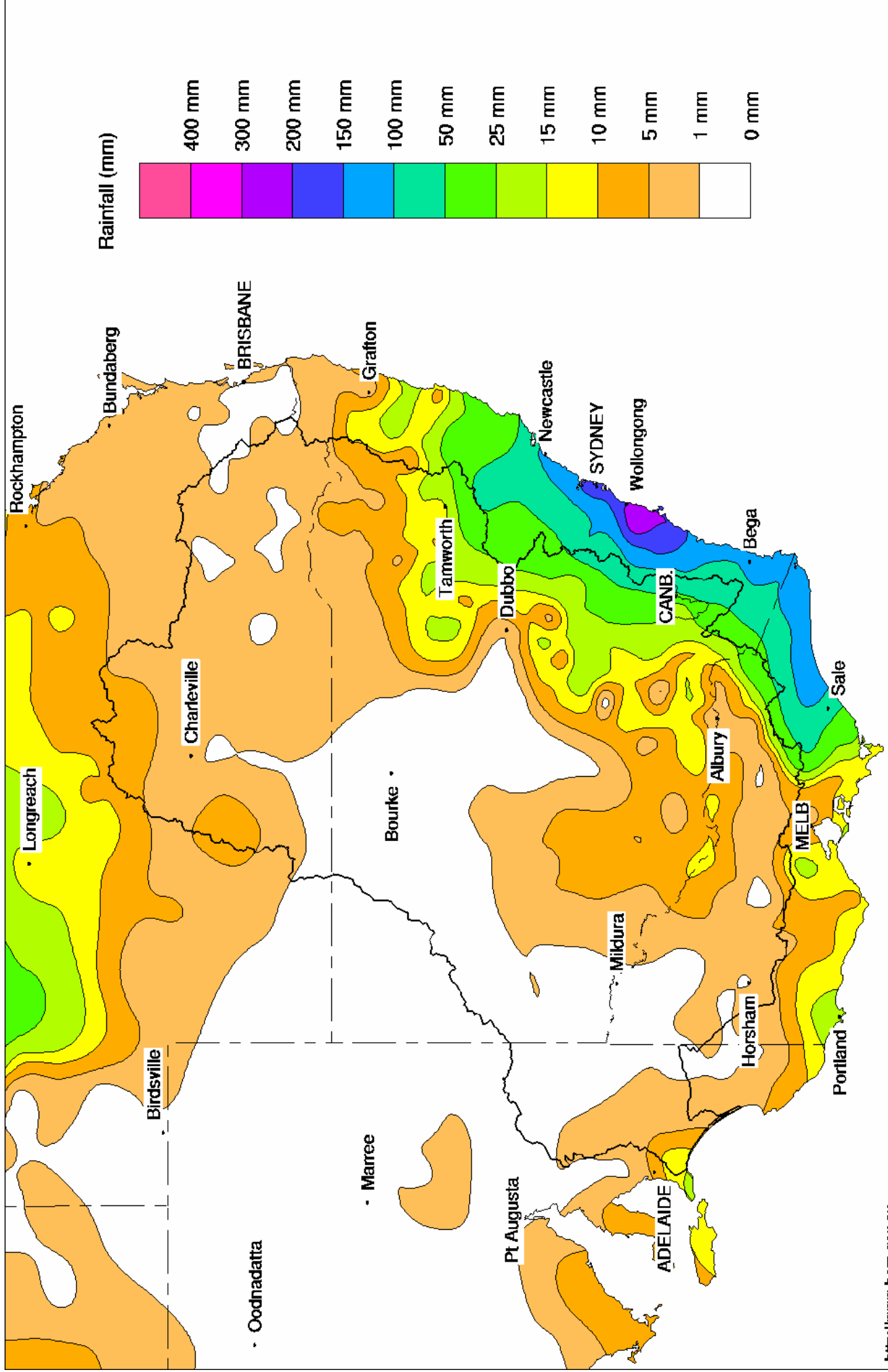
Further downstream, the flow peak has arrived at Euston Weir (6 100 ML/day) and will continue to move down the river over the next week. As it arrives at Lock 9, this extra water will be diverted into Lake Victoria storage. The current storage volume of Lake Victoria is 248 GL (37% capacity) and is expected to increase to about 290 GL (43% capacity) by early July.

Flow to South Australia is averaging 900 ML/day and is expected to remain at this rate until the end of the month. Locks 6 and 7 are currently below Full Supply Level (FSL) as a result of the low flows passing into South Australia. All other Locks are at FSL or slightly above. During the past week, the flow downstream of Lock 1 has been averaging 700 ML/day, and dropped to 500 ML/day on 21st June. The level of the Lower Lakes has remained steady at 0.18 m AHD.

DAVID DREVERMAN
General Manager

Murray Darling Rainfall Analysis (mm) Week Ending 20th June 2007

Product of the National Climate Centre



Water in Storage

MDBC Storages	Full Supply Level (m AHD)	Full Supply Volume (GL)	Current Storage Level (m AHD)	Current Storage		Dead Storage (GL)	MDBC Active Storage (GL)	Change in Storage for the week (GL)
				(GL)	%			
Dartmouth Reservoir	486.00	3 906	401.97	498	13%	80	418	+6
Hume Reservoir	192.00	3 038	170.97	333	11%	30	303	+42
Lake Victoria	27.00	677	23.01	248	37%	100	148	-3
Menindee Lakes		1 731 *		95	6%	(- -) #	0	-1
Total		9 352		1 174	13%	--	868	+43

* Menindee surcharge capacity 2050 GL

% of Total Active MDBC Storage = 10%

NSW takes control of Menindee Lakes when storage falls below 480 GL, and control reverts to MDBC when storage next reaches 640 GL

Major State Storages

Burrinjuck Reservoir	1 026		259	25%	3	256	+5
Blowering Reservoir	1 631		356	22%	24	332	+83
Eildon Reservoir	3 390		276	8%	100	176	+9

Snowy Mountains Scheme

Snowy diversions for week ending 19-Jun-2007

Storage	Active storage (GL)	Weekly change (GL)	Diversions (GL)	This week	From 1 May 2007
Lake Eucumbene - Total	98	-43	Snowy-Murray	+33	123
Snowy-Murray Component	154	-25	Tooma-Tumut	+4	9
Target Storage	1 240		Nett Diversion	29.1	114
			Murray 1 Release	+43	157

Major Diversions from Murray and Lower Darling (GL)

New South Wales	This week	From 1 July 2006
Murray Irrig. Ltd (Net)	.0	389.8
Wakool System loss	-0.2	67.6
Western Murray Irrig.	0.1	23.3
Licensed Pumps	0.5	174.0
Lower Darling	0.0	18.3
TOTAL	0.4	673.0

Victoria	This week	From 1 July 2006
Yarrowonga Main Channel (net)	.0	427
Torrumbarry System + Nyah (net)	0.0	613
Sunraysia Pumped Districts	0.0	136
Licensed pumps - GMW (Nyah+u/s)	0.2	160
Licensed pumps - LMW	1.6	229
TOTAL	1.8	1 565

Flow to South Australia (GL)

Entitlement this month	90 *	(900 ML/day)
Flow this week	6.4	
Flow so far this month	19	
Flow last month	52	

* Reduced to approx. 30 GL during June drought contingency operations

Salinity (EC)

(microsiemens/cm @ 25° C)

	Current	Average over the last week	Average since 1 August 2006
Swan Hill	40	40	70
Euston	150	130	100
Red Cliffs	330	330	120
Merbein	170	170	120
Burtundy (Darling)	1 090	1 230	910
Lock 9	160	160	130
Lake Victoria	180	190	170
Berri	490	460	260
Waikerie	520	510	340
Morgan	500	480	370
Mannum	450	450	430
Murray Bridge	500	490	440
Milang (Lake Alex.)	1 810	1 610	1 350
Poltalloch (Lake Alex.)	1 660	1 670	1 220
Meningie (Lake Alb.)	2 400	2 420	2 360
Goolwa Barrages	15 900	15 800	5 120



River Levels and Flows

	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)				
River Murray							
Khancoban	-	-	-	6 610	R	6 270	4 550
Jingellic	4.0	1.97	208.49	6 900	S	6 280	4 820
Tallandoon (Mitta Mitta River)	4.2	1.28	218.17	410	R	400	480
Heywoods	5.5	1.05	154.68	400	S	440	600
Doctors Point	5.5	1.68	150.15	2 070	R	1 830	1 720
Albury	4.3	0.76	148.20	-	-	-	-
Corowa	7.0	0.71	126.73	1 870	F	1 700	1 850
Yarrowonga Weir (d/s)	6.4	0.43	115.47	2 230	F	2 850	4 990
Tocumwal	6.4	0.97	104.81	2 660	F	3 260	5 390
Torrumbarry Weir (d/s)	7.3	1.33	79.88	3 350	F	4 440	4 870
Swan Hill	4.5	0.99	63.91	4 320	F	4 940	2 500
Wakool Junction	8.8	2.42	51.54	5 790	F	5 170	2 500
Euston Weir (d/s)	8.8	1.25	43.09	6 100	R	4 340	2 260
Mildura Weir (d/s)	-	-	-	3 660	F	2 700	2 180
Wentworth Weir (d/s)	7.3	2.92	27.68	3 480	R	2 380	1 960
Rufus Junction	-	2.40	19.33	640	R	630	680
Blanchetown (Lock 1 d/s)	-	0.10	-	690	S	760	1 050
Tributaries							
Kiewa at Bandiana	2.7	1.85	155.08	1 999	R	1 670	1 320
Ovens at Wangaratta	11.9	8.00	145.68	863	R	1 080	2 540
Goulburn at McCoys Bridge	9.0	1.12	92.54	338	R	340	540
Edward at Stevens Weir (d/s)	-	0.44	80.21	200	F	210	150
Edward at Liewah	-	0.60	55.98	265	S	280	300
Wakool at Stoney Crossing	-	0.20	54.69	101	S	100	130
Murrumbidgee at Balranald	5.0	0.43	56.39	172	F	190	200
Barwon at Mungindi	-	3.17	-	15	F	20	30
Darling at Bourke	-	3.96	-	19	S	20	40
Darling at Burtundy Rocks	-	0.66	-	18	S	20	30

Natural Inflow to Hume (ie pre Dartmouth & Snowy Mountains scheme)	2 540	3 210
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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	-0.10	-	No. 7 Rufus River	22.10	-0.05	+0.07
No 26 Torrumbarry	86.05	+0.01	-	No. 6 Murtho	19.25	-0.09	-0.07
No. 15 Euston	47.60	+0.00	-	No. 5 Renmark	16.30	+0.00	+0.03
No. 11 Mildura	34.40	+0.02	+0.07	No. 4 Bookpurnong	13.20	+0.00	+0.09
No. 10 Wentworth	30.80	+0.02	+0.28	No.3 Overland Corner	9.80	-0.01	+0.09
No. 9 Kulnine	27.40	+0.09	+0.13	No. 2 Waikerie	6.10	+0.02	+0.04
No. 8 Wangumma	24.60	+0.15	-0.06	No 1. Blanchetown	3.20	+0.05	-0.65

Murrumbidgee	FSL (m AHD)	relation to FSL	d/s gauge ht.		Flow (ML/day)
			local (m)	(m AHD)	
No. 7 Maude	75.40	-4.54	0.63	69.98	325
No. 5 Redbank	66.90	-4.10	0.09	61.39	220



Lower Lakes

FSL = 0.75 m AHD

	(m AHD)
Lake Alexandrina average level for the past 5 days	0.18

Barrages

Fishways @ Barrages

	Openings	Level (m AHD)	Status	Rock Ramp	Vertical Slot
Goolwa	128 openings	0.16	All closed	-	Closed
Mundoo	26 openings	0.18	All closed	-	-
Boundary Creek	6 openings	-	All closed	-	-
Ewe Island	111 gates	-	All closed	-	-
Tauwichee	322 gates	0.16	All closed	Closed	Closed

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