

## Basin Water Storages less commitments and not factoring in future inflows- 30 November 2008

	Storage figures				Commitments to end June 2009				10. Private Storages (GL)*	11. Current Balance in Public Storage (GL)**	12. Comments
	2. Capacity (GL)	3. Current Level (GL)	4. Dead Storage (GL)	5. Active Storage (GL)	6. Critical Water Requirements (GL)	7. Total allocated water remaining including individual carryover from 2007-08 (GL)	8. Losses (GL) ##	9. End of System Flows (GL - included in Murray minimum planning inflow)			
<b>NSW</b>											
<b>Border Rivers</b>				159	10	76	31	N/A	23	0	NSW share of Glenlyon Dam and Pindari (NSW only) is 117 GL in total. NSW controls all the Pindari Dam resources and shares the Glenlyon Dam resources
Glenlyon Dam (Old)	254	68	0.2	67.8							
Pindari Dam	312	91	0.1	90.9							
<b>Lower Darling</b>				187		44		51		92	General Security allocation to Lower Darling Users are at 40% (12 GL) on 1 December 2008 and Total contribution from Menindee waters to NSW Murray is about 200GL. NSW 100% Lower Darling High Security Allocation (at 5 August 2008) equates to a total of 8GL. There is less than 150 GL in private storages along the Barwon-Darling from Mungindi to Wilcannia. Water is being lost to evaporation and also used to irrigate existing crops.
Menindee Lakes	1 678	223	36	187							
<b>Barwon-Darling</b>								N/A		N/A	
<b>Gwydir Valley</b>				244.5	26	96	30	N/A	22	93	The Gwydir Valley uses a system of continuous accounting. The "unallocated" water is required to meet critical human needs in 2009/10 under severe drought conditions.
Copeton Dam	1 361	263	18.5	244.5							
<b>Namoi Valley</b>				180.9	31	55	40	N/A	4	55	The Namoi Valley uses a system of continuous accounting. The "unallocated" water is required to meet critical human needs in 2009/10 under severe drought conditions, including supply to the city of Tamworth..
Keepit Dam	425	108	6.6	101.5	19	32	21				
Split Rock Dam	397	24	3.2	20.8	1	4	0				
Chaffey Dam	61	61	2.4	58.6	11	19	19				Chaffey Dam is the primary source of supply for the city of Tamworth and some water is reserved for 2009/10..
<b>Macquarie Valley</b>				371.1				N/A	N/A		
Burrendong Dam	1 188	314	33.7	280.3	13	48	119			100	End of year storage reserve is adequate to meet full supplies to critical water need and other essential requirements
Windamere Dam	368	92	1.1	90.9	2	14	6			69	End of year storage reserve is adequate to meet full supplies to critical water need and other essential requirements
<b>Lachlan Valley</b>				150.1				N/A	N/A		The Lachlan Valley remains in the worst drought on record.
Wyangala Dam	1 220	146	0.7	145.3	8	18	76			43	Require severe drought contingency measures to deliver critical water needs in 2009/10
Carcoar Dam	36	5	0.2	4.8	0	1	2			0	
<b>Murrumbidgee Valley</b>				1133.8		718	117	104	N/A	227	End of system flow includes 18 GL inter-valley trade to NSW Murray and interstate which is not included in the total allocated
Burrinjuck Dam, Yass	1 026	503	3.3	499.8							Murrumbidgee General Security Allocation were increased to 11% on 1 December with 9% delivery by end February 2009. High Security Allocations are at 95%
Blowering Dam, Tumut	1 631	658	24.0	634.0							
<b>Victoria</b>											
<b>Goulburn</b>				696.7	0	263	293	183	N/A	-42	End of system flow includes 120 GL of Goulburn Valley Account that is available as a supplement to the Murray. This water is not included in the total allocated water. 73 GL further inflow is required for a 1% allocation, assuming continued pumping at Warranga Basin (44 GL of inflow has been assumed for allocation purposes, resulting in 29 GL shortfall)
Eildon	3334	755	84	671							
Waranga Basin	432	150.7	125	25.7							
<b>Broken</b>				23.4	1	5	24	N/A	N/A	-6	
Nillahcootie	40	12.4	1	11.4							
Mokoan	365	15	3	12							
<b>Campaspe</b>								N/A	N/A		
Eppalock	305	20.3	1	19.3	14	2	7			-19	
<b>Loddon</b>				4	2	5	10	N/A	N/A	-13	
Cairn Curran	147	8	0.5	7.5							
Tullaroop	72	4	7	-3							
<b>Ovens</b>				31	8	0	21	15	N/A	-13	
Buffalo	23	23	5	18							
William Hovell	13.5	14	1	13							
<b>Queensland</b>											
<b>Condamine</b>								N/A	70		
Leslie	106.2	15.8	2.13	13.67	See comments					0	Storage level must be above 18% for allocations, storage below 12% is reserved for town water supply.
Cooby	23.1	2.94	2.1	0.84	0.84					0	Cooby Dam is 100% committed to town water supply for Toowoomba and surrounding area, current low level has resulted in level 5 water restrictions.
Chinchilla	9.78	9.78	0.28	9.5	3.4					0	Allocation releases cease at 60%, storage below 35% is reserved for Town water supply for Chinchilla.
<b>Border</b>								N/A	130		
Glenlyon Dam (Old)	See NSW	Glenlyon			7	27	14			-11	This dam is located in Queensland. Use is shared with NSW. Queensland has 37GL of current storage volume.
Coolmunda	69	38.9	0.3	38.6						0	
<b>Moonie</b>								N/A	18		
<b>Lower Balonne</b>				63.16				N/A	260		
Beardmore	81.7	60	3.12	56.88	See comments					0	Town water supply for St. George is medium priority and delivered on availability as per other entitlements. Town water is otherwise supplied from GAB groundwater sources.
Jack Taylor	10.1	7.95	1.67	6.28	See comments					0	Storage is used for town water supply, visual amenity and recreational use and as a balance for releases from Beardmore.
<b>Warrego</b>								N/A	13		
<b>MDBA</b>											
<b>Murray Valley</b>				2326	170	1330	800	160	N/A	-134	River losses upstream of Wellington SA 15% Murray Allocation NSW 95% Murray High Security Allocation, 4% General Security. Victoria 28% HRWS The -134 GL current balance is expected to be provided from 134 GL "worst case" inflows from the Upper Murray between 1 December 2008 and 31 May 2009.
Hume	3038	892	30	862							
Dartmouth	3906	877	80	797							
Lake Victoria	677	290	100	190							
In transit				124							
Minimum Tributary Inflows (see Darling, Murrumbidgee, Goulburn and Ovens from column 9)				353							
<b>Lower Lakes</b>	2015	965									End of system flow (160GL) is flow into Lower Lakes

\* Private storage estimates are indicative only, based on an estimate of the total harvest and estimated use since summer 07/08. The ability to extract water from these storages is limited.

\*\* Future inflows in each valley are not explicitly included in the table but may have been included when water resources assessments were made.

Minimum Snowy Hydro inflows are included in the Murray and Murrumbidgee assessments.

There is approximately 96 GL in ACT storages (approximately 46%), for urban use only.

## Losses include the volume reserved to meet natural river channel transmission losses and also the water to meet large scheme irrigation channel losses. Applicable in the Murrumbidgee and Goulburn Valleys