

Progress of water recovery towards  
'Bridging the Gap' to SDLs by 30 June 2019  
as at 30 September 2018

Surface water  SDL resource unit (or Shared Zone)	Basin Plan recovery targets					Recovery Progress							Remaining			
	local target (GL/yr)	shared target (GL/yr) <sup>(2)</sup>	apportioned supply contribution <sup>(3)</sup> (GL/yr)	total target (GL/yr)	plus efficiency contribution required by 30 June 2019 <sup>(4)</sup> (GL/yr)	Commonwealth <sup>(1)</sup>					total recovery (GL/yr)	plus efficiency contribution registered (GL/yr) <sup>(10)</sup>	local recovery remaining (GL/yr)	shared recovery remaining <sup>(11)</sup> (GL/yr)	total recovery remaining (GL/yr)	plus efficiency contribution remaining <sup>(12)</sup> (GL/yr)
						purchase (GL/yr)		infrastructure (GL/yr) <sup>(7)</sup>	gifted <sup>(8)</sup> (GL/yr)	state government recoveries <sup>(9)</sup> (GL/yr)						
						included in 1500 Limit <sup>(5)</sup>	exempt from 1500 Limit <sup>(6)</sup>									
Condamine-Balonne	100.0	-	-	100.0		79.1	-	8.4	-	-	87.5	-	12.5	-	12.5	
Moonie	-	2.1	-	2.1		-	-	1.4	1.1	-	2.5	-	-	-	-	
Nebine	1.0	2.8	-	3.8		-	-	-	3.8	-	3.8	-	-	-	-	
Paroo	-	-	-	-		-	-	-	-	-	-	-	-	-	-	
QLD Border Rivers	14.0	-	-	14.0		3.9	-	9.3	0.5	-	13.8	-	0.2	-	0.2	
Warrego	8.0	12.1	-	20.1		10.1	-	0.4	9.5	-	20.1	-	-	-	-	
<b>northern Basin QLD zone</b>	<b>123.0</b>	<b>17.0</b>	<b>-</b>	<b>140.0</b>		<b>93.2</b>	<b>-</b>	<b>19.6</b>	<b>15.0</b>	<b>-</b>	<b>127.8</b>	<b>-</b>	<b>12.7</b>	<b>-</b>	<b>12.7</b>	
Barwon-Darling	32.0	-	-			24.9	-	3.7	-	1.5	30.1	-	1.9	-		
Gwydir	42.0	-	-			35.5	-	5.1	-	6.2	46.9	-	-	-		
Intersecting Streams <sup>(13)</sup>	-	-	-			8.1	-	-	-	-	8.1	-	-	-		
Macquarie-Castlereagh	55.0	-	-			24.6	-	30.2	-	20.6	75.4	-	-	-		
Namoi	20.0	-	-			4.8	-	6.1	-	-	10.8	-	9.2	-		
NSW Border Rivers	7.0	-	-			-	-	1.6	-	-	1.6	-	5.4	-		
<b>northern Basin NSW zone<sup>(14)</sup></b>	<b>156.0</b>	<b>24.0</b>	<b>-</b>	<b>180.0</b>		<b>97.9</b>	<b>-</b>	<b>46.7</b>	<b>-</b>	<b>28.4</b>	<b>172.9</b>	<b>-</b>	<b>16.4</b>	<b>-</b>	<b>16.4</b>	
<b>northern Basin total</b>	<b>279.0</b>	<b>41.0</b>	<b>-</b>	<b>320.0</b>		<b>191.1</b>	<b>-</b>	<b>66.3</b>	<b>15.0</b>	<b>28.4</b>	<b>300.7</b>	<b>-</b>	<b>29.1</b>	<b>-</b>	<b>29.1</b>	
Lower Darling	8.0	-	-	8.0		18.8	-	1.3	-	-	20.0	-	-	-		
NSW Murrumbidgee	320.0	-	-162.0	158.0		133.2	-	287.8	-	19.0	440.1	-	-	-		
NSW Murray	262.0	-	-124.8	137.2		219.5	-	129.2	-	-	348.7	-	-	-		
<b>southern Basin NSW zone<sup>(14)</sup></b>	<b>590.0</b>	<b>458.0</b>	<b>-286.8</b>	<b>761.2</b>		<b>371.5</b>	<b>-</b>	<b>418.3</b>	<b>-</b>	<b>19.0</b>	<b>808.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
ACT Murrumbidgee	-	4.9	-	4.9		4.9	-	-	-	-	4.9	-	-	-	-	
<b>southern Basin ACT zone</b>	<b>-</b>	<b>4.9</b>	<b>-</b>	<b>4.9</b>		<b>4.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Broken	-	-	-1.1			0.0	-	0.5	-	-	0.5	-	-	-		
Campaspe	18.0	-	-2.6			6.3	-	0.2	-	22.6	29.1	-	-	-		
Goulburn	344.0	-	-174.5			232.5	-	87.2	-	35.9	355.7	-	-	-		
Kiewa	-	-	-1.3			-	-	-	-	-	-	-	-	-		
Loddon	12.0	-	-10.9			2.8	-	0.6	-	9.0	12.3	-	-	-		
Ovens	-	-	-3.0			0.1	-	0.1	-	-	0.1	-	-	-		
VIC Murray	253.0	-	-72.8			270.9	-	89.2	-	30.1	390.3	-	-	-		
<b>southern Basin VIC zone</b>	<b>627.0</b>	<b>425.3</b>	<b>-266.2</b>	<b>786.1</b>		<b>512.6</b>	<b>-</b>	<b>177.8</b>	<b>-</b>	<b>97.6</b>	<b>788.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Eastern Mount Lofty Ranges	-	-	-			-	-	-	-	-	-	-	-	-	-	
Marne Saunders	-	-	-			-	-	-	-	-	-	-	-	-	-	
SA Murray	101.0	82.8	-52.0	131.8		86.3	2.9	48.3	-	6.4	143.9	0.5	-	-	-	
SA Non-Prescribed	-	-	-			-	-	-	-	-	-	-	-	-	-	
<b>southern Basin SA zone</b>	<b>101.0</b>	<b>82.8</b>	<b>-52.0</b>	<b>131.8</b>		<b>86.3</b>	<b>2.9</b>	<b>48.3</b>	<b>-</b>	<b>6.4</b>	<b>143.9</b>	<b>0.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>southern Basin total</b>	<b>1,318.0</b>	<b>971.0</b>	<b>-605.0</b>	<b>1,684.0</b>		<b>975.4</b>	<b>2.9</b>	<b>644.3</b>	<b>-</b>	<b>123.0</b>	<b>1,745.6</b>	<b>0.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Lachlan <sup>(15)</sup>	48.0	N/A	-	48.0		35.0	-	2.4	-	12.1	49.6	-	-	-	-	
Wimmera-Mallee	23.0	N/A	-	23.0		22.6	-	-	-	-	22.6	-	0.4	-	0.4	
<b>total Basin</b>	<b>1,668.0</b>	<b>1,012.0</b>	<b>-605.0</b>	<b>2,075.0</b>	<b>62.0</b>	<b>1,224.0</b>	<b>2.9</b>	<b>713.1</b>	<b>15.0</b>	<b>163.5</b>	<b>2,118.4</b>	<b>0.5</b>	<b>29.5</b>	<b>-</b>	<b>29.5</b>	<b>61.5</b>

**Notes on the above Table**

Allow for minor rounding in total values.

All water recovery figures are expressed in long term diversion limit equivalent (LTDLE) terms. Water recovery amounts are calculated using the current long-term diversion limit equivalent factors (v2.05) agreed to by Ministerial Council in November 2011 or are consistent with accredited Water Resource Plans. All Overland Flow water recoveries have their factors individually modelled by the Murray-Darling Basin Authority. Water Resource Plans are prepared by Basin states and due for accreditation under the Basin Plan by 30 June 2019. These plans may change the long-term diversion limit equivalent factors, affecting the final volume of entitlements needed to complete water recovery.

1. Water recovery is reported at the point at which water savings or purchase have been received, estimated or agreed in signed contracts. Until water transfer contracts have been exchanged however, these figures may be subject to change over time
2. The Basin Plan Amendment Instrument (No.1) 2018 provided additional time for Basin States to request a re-allocation of the shared reduction amount within a Basin zone in their state. By 30 June 2018, Queensland and South Australia had made a request to re-allocate the shared reduction amount within their state. This table shows the outcome of that re-allocation request.
3. The MDBA's assessment of the package of supply measures nominated by State Governments, found that Sustainable Diversion Limits (SDL) in the southern Murray-Darling Basin can be adjusted upwards by 605 GL/yr, reducing environmental water recovery by this amount. Prior to the operation of the SDLAM, the total surface water SDL for the Basin water resources as at the reference time, the time at which the Basin Plan first took effect 24 November 2012, is 10,873 GL per year. This figure may only be adjusted through the SDLAM by a net five per cent, i.e. up or down by a net maximum of 543 GL per year. Noting that the net five per cent applies at the Basin-scale, individual SDL resource units may increase or decrease by greater than five per cent, as long as the net Basin-wide SDL remains within the five per cent range. The SDL adjustment amount of 543 GL/yr reduces the Basin target to 2207 GL/yr. At least 62 GL/yr of efficiency contribution must be recovered for the full 605 GL/yr supply contribution to be realised by 30 June 2019. More information about how the SDL adjustment amount is determined is available from the Register of Measures Table B available at <https://www.mdba.gov.au/basin-plan-roll-out/sustainable-diversion-limits/sdl-adjustment-proposals-state-project>
4. The Basin Plan requires the recovery of 450 gigalitres of water by 2024 through efficiency measures projects that achieve neutral or improved socio-economic outcomes. Funding is provided for this recovery in the Water for the Environment Special Account. Efficiency measures water recovery of 62 GL/yr is required by 30 June 2019 to enable to full accounting for the apportioned supply contribution in the SDL adjustment
5. Water recoveries that are included in the Commonwealths 1500 GL/yr limit on water purchase:
6. Consistent with the Water Act 2007 (Cth) (s85B, C and D), 2.9 GL/yr LTDLE of water secured from the SA Government in May 2016 is exempt from the 1,500 GL/yr limit on water purchases
7. Includes Commonwealth water recoveries funded through the Sustainable Rural Water Use and Infrastructure Program (SRWUIP) Infrastructure projects, the South Australian River Murray Sustainability Program (SARMSP) and the Water Smart Australia Program
8. Water gifted to the Commonwealth by the Queensland Government
9. State recovery figures are as at 30 September 2018.
10. The efficiency contribution registered are those water entitlements, derived from efficiency measures registered with the CEWH
11. Shared targets in a zone can be met using water recoveries from any SDL resource unit within that zone, provided an SDL resource unit 's local and shared reduction targets have been reached and there are additional recoveries available
12. The remaining efficiency contribution recovery reflects entitlements to be secured under efficiency measures projects and registered with the CEWH as described to meet the Australian Government's target of 62 GL/yr by 30 June 2019
13. Water recovery in the Intersecting Streams SDL resource unit includes water recovered from the purchase of Toorale Station. An additional new entitlement - unregulated river special additional high flow entitlement for 9.720GL which is part of the Intersecting Streams Unregulated and Alluvial water sharing plan, has been issued to the Commonwealth. This recovery is not shown in the table because there is currently no longterm diversion limit equivalent factor available to estimate the LTDLE recovery volume for this entitlement. This matter is expected to be resolved no later than when NSW finalises its water resource plan for this SDL resource unit
14. The NSW Government, working with the MDBA, has commenced a process to update LTDLE factors for NSW SDL resource units. NSW public consultation on an improved set of water recovery accounting factors is open to 17 July 2018. More information is available from <https://www.industry.nsw.gov.au/water/plans-programs/water-resource-plans/stakeholder/public-consultation-on-water-recovery-accounting-factor>
15. Water recovery in the Lachlan SDL resource unit exceeds the local reduction amount by 1.556 GL/y. This additional environmental recovery does not contribute towards the shared downstream component as the Basin Plan identifies the Lachlan as a disconnected catchment.

Groundwater <sup>(1)</sup>	Sustainable Diversion Limit Reduction Amount			Recovery Progress		Remaining
	Local Target (GL/yr)	Shared Target (GL/yr)	Total Target (GL/yr)	Purchase (GL/yr)	Total Recovery (GL/yr)	Total recovery remaining (GL/yr)
Upper Condamine Alluvium (Central Condamine Alluvium)	35.4	N/A	35.4	2.7	2.7	32.7
Upper Condamine Alluvium (Tributaries)	5	N/A	5	0.0	0.0	5.0
<b>Total Basin</b>	<b>40.4</b>	<b>N/A</b>	<b>40.4</b>	<b>2.7</b>	<b>2.7</b>	<b>37.7</b>

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1. Groundwater recovery does not contribute to the surface water recovery target