

Surface water recovery required under the Basin Plan including the Sustainable Diversion Limit Adjustment Mechanism ⁽¹⁾
as at 31 May 2022

Incorporating accredited Water Resource Plans and updated water recovery factors for New South Wales

	Basin Plan Target ⁽²⁾			Recovery Progress			Gap Bridging Remaining		Efficiency Contribution			
Shared Zone	Local Target	Shared Target ⁽³⁾	Apportioned supply contribution ⁽⁴⁾	Commonwealth water recovery ⁽⁵⁾		Basin States water recovery ⁽⁷⁾	Balance against Targets ⁽⁸⁾		Target ⁽⁹⁾⁽¹⁰⁾	Registered water recovery ⁽¹¹⁾	Contracted in funding agreements ⁽¹²⁾	Recovery remaining
				Registered with the CEWH	Contracted in funding agreements ⁽⁶⁾		Local remaining recovery task	Shared remaining recovery task				
Condamine-Balonne	100.0	0.0		86.0			14.0		62.0		60.0	
Moonie	0.0	2.1		2.8								
Nebine	1.0	2.8		3.8								
Paroo	0.0	0.0										
QLD Border Rivers	14.0	0.0		14.4								
Warrego	8.0	12.1		20.1								
Northern Basin QLD Zone	123.0	17.0	N/A	127.2	0.0	0.0	14.0	0.0		0.0		0.0
Barwon-Darling	32.0	0.0		28.6		1.7	1.6					
Gwydir	42.0	7.6		47.9		6.7						
Intersecting Streams	0.0	13.8		13.8								
Macquarie-Castlereagh	55.0	2.6		70.0		25.8						
Namoi	20.0	0.0		10.5			9.5					
NSW Border Rivers	7.0	0.0		1.9			5.1					
Northern Basin NSW Zone	156.0	24.0	N/A	172.8	0.0	34.3	16.2	0.0		0.0		0.0
Northern Basin Zone Total	279.0	41.0	N/A	300.0	0.0	34.3	30.2	0.0		0.0		0.0
Lower Darling	8.0	14.3	0.0	23.2								
Murrumbidgee	320.0	277.9	162.0	416.1		26.2						5.5
NSW Murray	262.0	165.8	124.8	292.8		0.1		10.0				
Southern Basin NSW Zone	590.0	458.0	286.8	732.2	0.0	26.4	0.0	10.0		0.0		5.5
Southern Basin ACT Zone ⁽¹³⁾	0.0	4.9	0.0	0.0	0.0	0.0	0.0	4.9		0.0		0.0
Broken	0.0	1.3	1.1	0.3		0.1						
Campaspe	18.0	13.2	2.6	6.5		22.4						
Goulburn ⁽¹⁴⁾	344.0	186.4	174.5	331.8		36.0						7.5
Kiewa	0.0	1.1	1.3									
Loddon	12.0	9.8	10.9	2.1		10.2						
Ovens	0.0	2.7	3.0	0.1								
Vic Murray ⁽¹⁴⁾	253.0	210.8	72.8	372.2		20.7						8.4
Southern Basin VIC Zone	627.0	425.3	266.2	713.0	0.0	89.3	0.0	0.0		0.0		15.9
SA Murray	101.0	82.8	52.0	134.7		6.3				2.0		0.5
EMLR	0.0	0.0	0.0									
Marne Saunders/SA non prescribed	0.0	0.0	0.0									
Southern Basin SA Zone	101.0	82.8	52.0	134.7	0.0	6.3	0.0	0.0		2.0		0.5
Southern Basin Total	1,318.0	971.0	605.0	1,579.9	0.0	122.0	0.0	14.9		2.0		21.9
Lachlan	48.0	N/A	N/A	35.3		11.8	0.9					
Wimmera-Mallee ⁽¹⁵⁾	23.0	N/A	N/A	23.2								
Total Basin	1,668.0	1,012.0	605.0	1,938.4	0.0	168.0	31.1	14.9	62.0	2.0	21.9	
				Total water recovery			Recovery remaining		Efficiency contribution remaining			
				2,106.4			46.0					

Notes:

For total water recoveries allow for minor rounding. All water recovery figures are expressed in gigalitres per year long-term average annual yield (GL/y) terms.

1. The Sustainable Diversion Limit Adjustment Mechanism (SDLAM) amendment instrument commenced in law on 13 January 2018. More information is available at: www.awe.gov.au/water/policy/mdb/water-recovery/how
2. Amendments to the Basin Plan as a result of the Northern Basin Review (Basin Plan Amendment Instrument (No.1) 2018) commenced in law on 3 July 2018, reducing the water recovery target in the northern Basin from 390 GL/y to 320 GL/y.
3. Valid shared reduction re-allocation requests were received from Queensland and South Australia before 1 July 2018. Valid shared re-allocation of shared reduction amounts were received from Victoria and New South Wales before 31 December 2018 and were formally agreed to by the Authority following agreement with the Department of Agriculture, Water and the Environment on 12 March 2019. Shared reduction re-allocation is shown in this table.
4. The total supply contribution of 605 GL/y has been distributed between surface water SDL resource units in accordance with schedule 6 of the Basin Plan known as the apportioned supply contribution. The apportioned supply contribution for: Southern Basin NSW Zone is 286.8 GL/y (47.4%), Southern Basin Victorian Zone 266.2 GL/y (44%), Southern Basin SA Zone is 52 GL/y (8.6%) of the total supply contribution.
5. Commonwealth water recovery includes 1,228.3 GL/y of water recoveries against the 1,500 GL/y water purchase limit.
6. This water recovery is contracted in funding agreements and will be registered with the CEWH as agreed milestones and associated water transfers occur. 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.
7. State Recovery figures are as at 31 December 2021.
8. Estimates of water recovery are calculated using water recovery factors that allow for comparison with Basin Plan targets. These water recovery factors may be updated during the WRP accreditation process to account for the best available information. This table has been prepared consistent with accredited Water Resource Plans (WRPs) or is shown with updated factors for New South Wales. The finalisation of NSW WRPs may change the volumes reported. Further information on water recovery factors is available on our website: www.awe.gov.au/water/policy/mdb/water-recovery/progress-recovery/accounting
9. The MDBAs assessment of the package of supply measures nominated by State Governments, found that SDLs in the southern Murray-Darling Basin can be adjusted upwards by 605 GL/y, 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/y. 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/y. 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. At least 62 GL/y of efficiency contribution must be recovered for the full 605 GL/y supply contribution to be realised. The Basin Plan recovery target is 2,075 GL/y.
10. The Basin Plan requires the recovery of and additional 450 GL/y 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/y contributes to this requirement.
11. The registered efficiency contribution is made up of water entitlements that contribute to meeting the efficiency measures target and registered with the CEWH.
12. The contracted efficiency contribution is made up of water entitlements that contribute to meeting the efficiency measures target, where a contract is in place but the water has not yet registered with the CEWH.
13. The entitlement that was acquired in 2014 to meet the ACT shared reduction target has been transferred to NSW Murrumbidgee in line with Basin Plan requirements.
14. Water recovered through the GMW Water Efficiency Project will nominally come from the Goulburn and Vic Murray SDL resource units. However due to the interconnected nature of the irrigation system, water savings may also be transferred from the Campaspe or Loddon SDL resource units. Transfers of entitlements are scheduled for registration in April 2023 and 2024 and source catchments will be confirmed at this time.
15. The Wimmera–Mallee surface water resource plan was accredited as being consistent with the Basin Plan and commenced on 24 September 2019. As a result the local and shared reduction amounts have been assessed as fully recovered.