

Murray-Darling Basin Sustainable Diversion Limits for 2019-20 water year

These estimates apply for surface water for the 2019-20 water year and were calculated at 26 November 2020.

SDL Resource Unit (within zones)	Baseline Diversion Limit ⁽¹⁾ (GL/y)	local reduction amount ⁽²⁾ (GL/y)	shared reduction amount ⁽³⁾ (GL/y)	SDL adjustment amount at 30 June 2019 ⁽⁴⁾ (GL/y)	SDL - after SDLAM adjustment at 30 June 2019 ⁽⁵⁾ (GL/y)
NORTHERN BASIN					
Queensland					
Condamine-Balonne	1,019.0	100.0	-	-	919.0
Moonie	92.0	-	2.1	-	89.9
Nebine	20.9	1.0	2.8	-	17.1
Paroo	11.8	-	-	-	11.8
Queensland Border Rivers	377.6	14.0	-	-	363.6
Warrego	75.6	8.0	12.1	-	55.5
total northern Basin Queensland zone	1,596.9	123.0	17.0	-	1,456.9
Northern New South Wales					
Barwon-Darling Watercourse	198.0	32.0	-	-	166.0
Gwydir	450.2	42.0	7.6	-	400.6
NSW Border Rivers	302.6	7.0	-	-	295.6
Intersecting Streams	127.8	-	13.8	-	114.0
Namoi	508.3	20.0	-	-	488.3
Macquarie-Castlereagh	734.3	55.0	2.6	-	676.7
total northern Basin New South Wales zone	2,321.2	156.0	24.0	-	2,141.2
total northern Basin	3,918.1	279.0	41.0	-	3,598.1
SOUTHERN BASIN					
Southern New South Wales					
Lower Darling	60.5	8.0	14.3	-	38.2
Murrumbidgee - NSW	2,501.1	320.0	277.9	145.7	2,048.9
NSW Murray	1,811.7	262.0	165.8	112.3	1,496.2
total southern Basin NSW zone	4,373.3	590.0	458.0	258.0	3,583.3
ACT					
ACT (surface water)	58.3	-	4.9	-	53.4
total southern Basin ACT zone	58.3	-	4.9	-	53.4
VICTORIA					
Broken	49.3	-	1.3	1.0	49.0
Campaspe	140.6	18.0	13.2	2.3	111.7
Goulburn	1,651.2	344.0	186.4	157.0	1,277.8
Kiewa	27.7	-	1.1	1.2	27.8
Loddon	139.7	12.0	9.8	9.8	127.7
Ovens	85.8	-	2.7	2.7	85.8
Victorian Murray	1,718.0	253.0	210.8	65.5	1,319.7
total southern Basin Victoria zone	3,812.3	627.0	425.3	239.5	2,999.5
SOUTH AUSTRALIA					
Eastern Mount Lofty Ranges	28.3	-	-	-	28.3
South Australian Murray	681.1	101.0	82.8	45.5	542.8
Marne Saunders	3.0	-	-	-	3.0
SA Non-Prescribed Areas	55.2	-	-	-	55.2
total southern Basin South Australia zone	767.6	101.0	82.8	45.5	629.3
total southern Basin (ex disconnected)	9,011.5	1,318.0	971.0	543.0	7,265.5
DISCONNECTED TRIBUTARIES					
Lachlan	618.4	48.0	-	-	570.4
Wimmera-Mallee (surface water)	99.1	23.0	-	-	76.1
TOTAL	13,647.1	1,668.0	1,012.0	543.0	11,510.1

Notes

The Basin Plan (Schedule 2) expresses the SDL for surface water SDL resource units as:

$$\text{SDL} = \text{BDL} - \text{local reduction amount} - \text{shared reduction amount} + \text{SDL adjustment amount}$$

(1) - Baseline diversion limit (BDL):

- where a water resource plan has been accredited by 30 June 2020, the estimates from that WRP
- For NSW the BDL is the original estimate from Basin Plan 2012, except for the Intersecting Streams.

Note that if the WRP assessment results in a change to the proposed WRP, following the accreditation of the recommended WRP the revised BDL estimate will be applied for the relevant water year (2020-21)

More detail about BDLs can be found at: <https://www.mdba.gov.au/basin-plan-roll-out/sustainable-diversion-limits>, under More Information

(2) - local reduction amount as set out in Basin Plan Schedule 2. This includes amendments to the Basin Plan that commenced in law on 3 July 2018 to increase the northern Basin local reduction amount from 247 GL/y to 279 GL/y, as a result of the Northern Basin Review (Basin Plan Amendment Instrument (No.1) 2018).

(3) - shared reduction amount as set out in Basin Plan s6.05. This includes amendments to the Basin Plan that commenced in law on 3 July 2018 to decrease the northern Basin shared reduction amount from 143 GL/y to 41 GL/y, as a result of the Northern Basin Review (Basin Plan Amendment Instrument (No.1) 2018). The amendment also extended the time for a Basin state to request a re-allocation of the shared reduction amount within a Basin zone, to 31 December 2018. New South Wales, Queensland, South Australia and Victoria made requests to re-allocate the shared reduction amount in their zones. Following consultation with Department of Agriculture and Water Resources, the Authority agreed to these requests (where relevant) on 12 March 2019. All shared reduction amount requests are now applied in the table.

(4) - SDL adjustment amount as per Basin Plan Schedule 6A. Calculated by the MDBA based on the Sustainable Diversion Limit Adjustment Mechanism (SDLAM) amendment instrument that commenced in law on the 13 January 2018. The SDL reflects supply contributions, efficiency contributions and the application of the net 5% limit rule. As efficiency projects are completed and entitlements are registered with the Commonwealth Environmental Water Holder, the SDL adjustment amount will change. This column reflects the SDL adjustment amount as determined on the basis of efficiency entitlements held at 30 June 2019 (Table B) with the updated South Australian long term diversion limit equivalent (LTDLE) factors applied. Further information about supply and efficiency projects can be found at <https://www.mdba.gov.au/basin-plan-roll-out/sustainable-diversion-limits/sdlam>, including the register of sustainable diversion limit adjustment measures (Table B) available at <https://www.mdba.gov.au/basin-plan-roll-out/sustainable-diversion-limits/sdl-adjustment-proposals-state-projects>

(5) - SDL after SDLAM adjustment - this is the sustainable diversion limit (SDL) volume at 30 June 2019 and calculated by deducting from the BDL, the local reduction amount, shared reduction amount, and adding the SDL adjustment amount. The SDL value is expected to change through to 2024, as efficiency projects deliver environmental entitlements, and improved estimates of BDLs are adopted when a WRP is accredited.