

Seasonal Outlook 2019/20

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APTRC Industry Forum 2019
13 June 2019

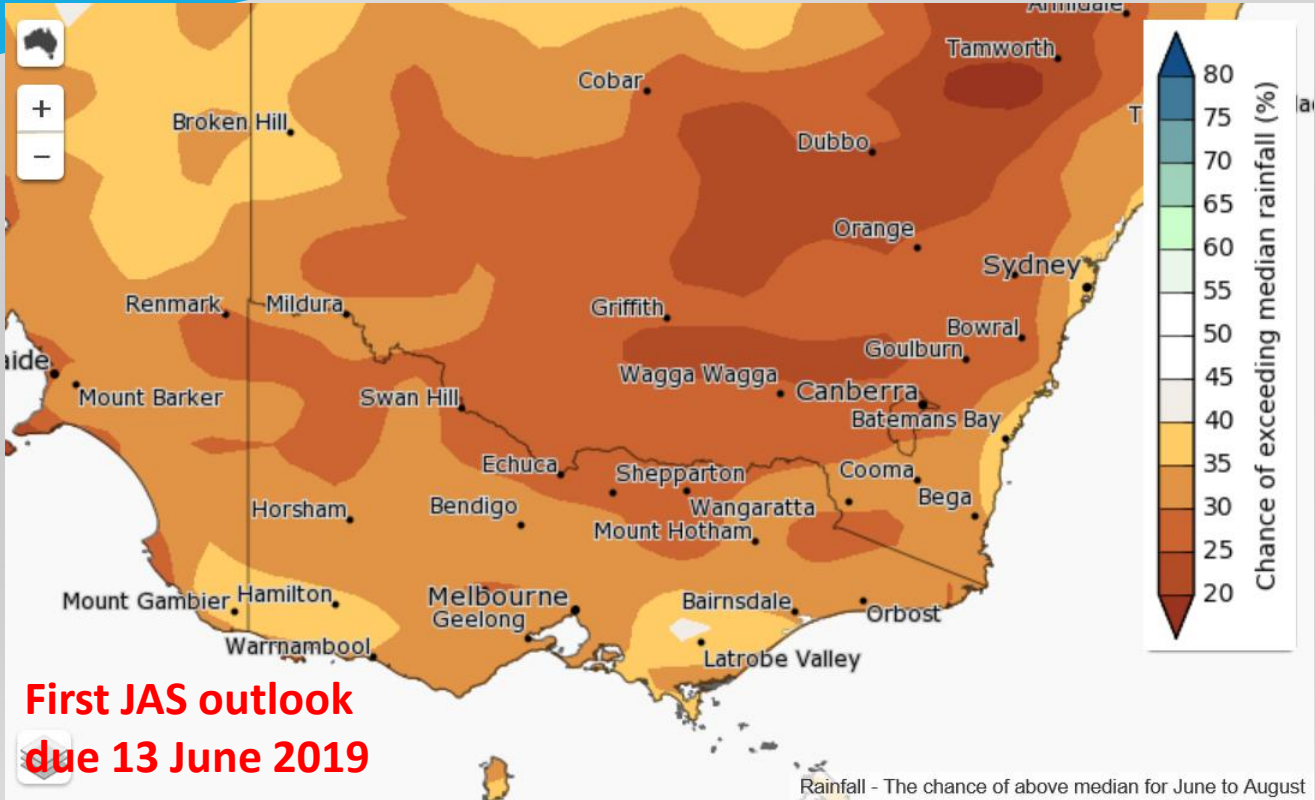
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June to August 2019 Rainfall Forecast

INCREASING RISK:
Positive Indian Ocean Dipole

DECREASING RISK:
El Niño



**First JAS outlook
due 13 June 2019**



15 May Outlook: Goulburn & Murray

GOULBURN	1 Jul 2019	15 Aug 2019	17 Oct 2019	15 Feb 2019
Wet	36%	68%	100%	100%
Average	11%	40%	73%	100%
Dry	1%	16%	36%	45%
Extreme Dry	0%	2%	9%	15%

MURRAY	1 Jul 2019	15 Aug 2019	17 Oct 2019	15 Feb 2019
Wet	28%	67%	100%	100%
Average	9%	41%	78%	100%
Dry	0%	30%	45%	64%
Extreme Dry	0%	18%	19%	26%

15 May Outlook: NSW General Security



Forecast General Security allocation (per cent)

(Any carryover water can be added to these indicative allocations)

Historical Inflow Scenario	1 Sept 2019	1 Nov 2019
99 chances in 100 (extreme) (99%) [#]	0	0
9 chances in 10 (very dry) (90%)	0	0
3 chances in 4 (dry) (75%)	0	6
1 chance in 2 (mean) (50%)	0 [^]	30 [*]

Note 1: Estimated values indicative only, not guaranteed and subject to change based on actual events unfolding.

Note 2: Statistical values reflect NSW share of inflows, not whole of system inflows.

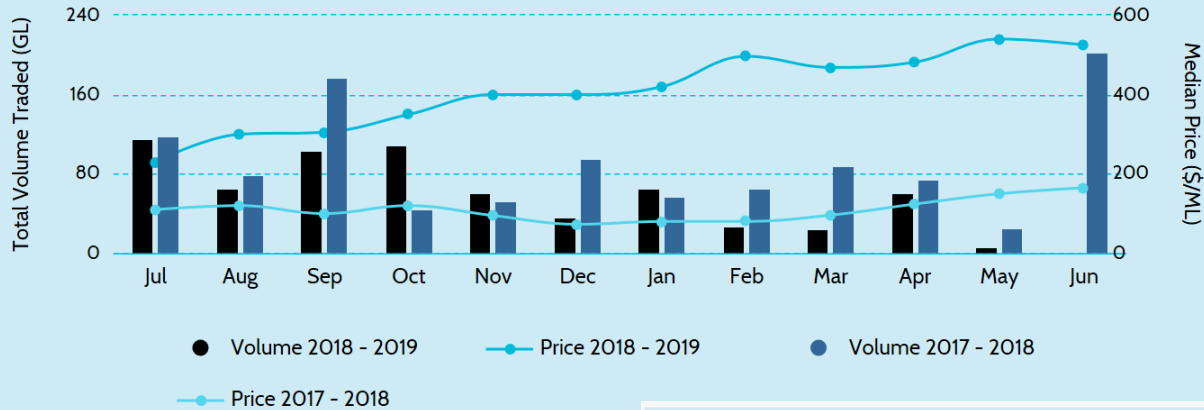
Note 3: Multi-history modelling using all years. Assumes 99% inflows conditions through 2019-20 and general security carryover into 2019-20 of 18%.

[#] Extreme dry baseline additionally includes Murrumbidgee end of system flows.

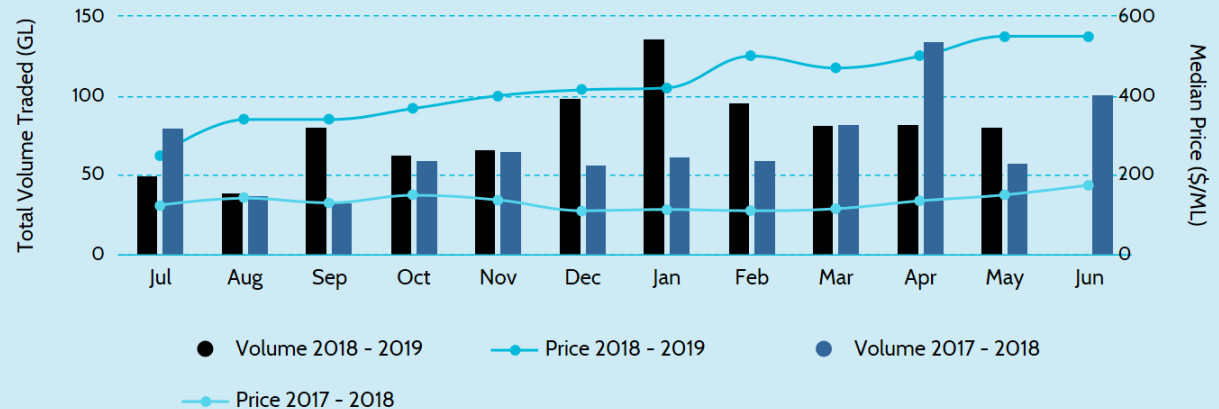
[^] By September, under mean (50th percentile) inflow conditions, Conveyance allocations likely to be about 90 GL.

^{*} Barmah-Millewa Allowance payback commences.

Trade in Zone 1A Greater Goulburn



Trade in Zone 7 VIC Murray - Barmah to SA



Murray Deliverability Issues



- Risks to deliverability in lower Murray
 - New horticulture (almonds, citrus, olives)
 - Changing operations with environmental water & demand timing
- Moratorium calls (eg Almond Board of Australia)
- Intense investigation
 - Ministerial Council December 2018
 - Victorian Minister
- Outcome unresolved – but a key issue for river operations

2019/20 – In Summary



- Forecasts suggest drier conditions
- Low seasonal determinations
 - Goulburn and Victorian Murray less than 100%
 - NSW General Security zero for much of season
- Increased pressure on irrigators
 - Expect strong trading demand
 - Expect high allocation trade prices to continue

Questions?



Contact us



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GOULBURN-MURRAY
WATER

