

Water Resources

APTRC Forum 2022
26 May 2022

Guy Ortlipp



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Seasonal Determinations (1 Apr 2022)

System	HRWS	LRWS	Low Spill Risk
Murray	100%	100%	Not declared
Broken	100%	100%	-
Goulburn	100%	0%	Declared (10 Nov)
Campaspe	100%	0%	Declared (10 Oct)
Loddon	100%	0%	-
Bullarook	100%	100%	-
NSW Murray	100% (HS)	110% (GS)	-
NSW Murrumbidgee	100% (HS)	100% (GS)	-



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Storage Volumes (20 May 2022)

Storage	Volume (ML)	Last Year (ML)
Dartmouth	3,609,020	2,456,737
Hume	2,724,494	1,320,654
Eildon	2,581,267	1,845,918
Waranga Basin	194,083	141,504
Eppalock	147,499	106,468
Cairn Curran	78,838	55,568
Tullaroop	45,131	29,334



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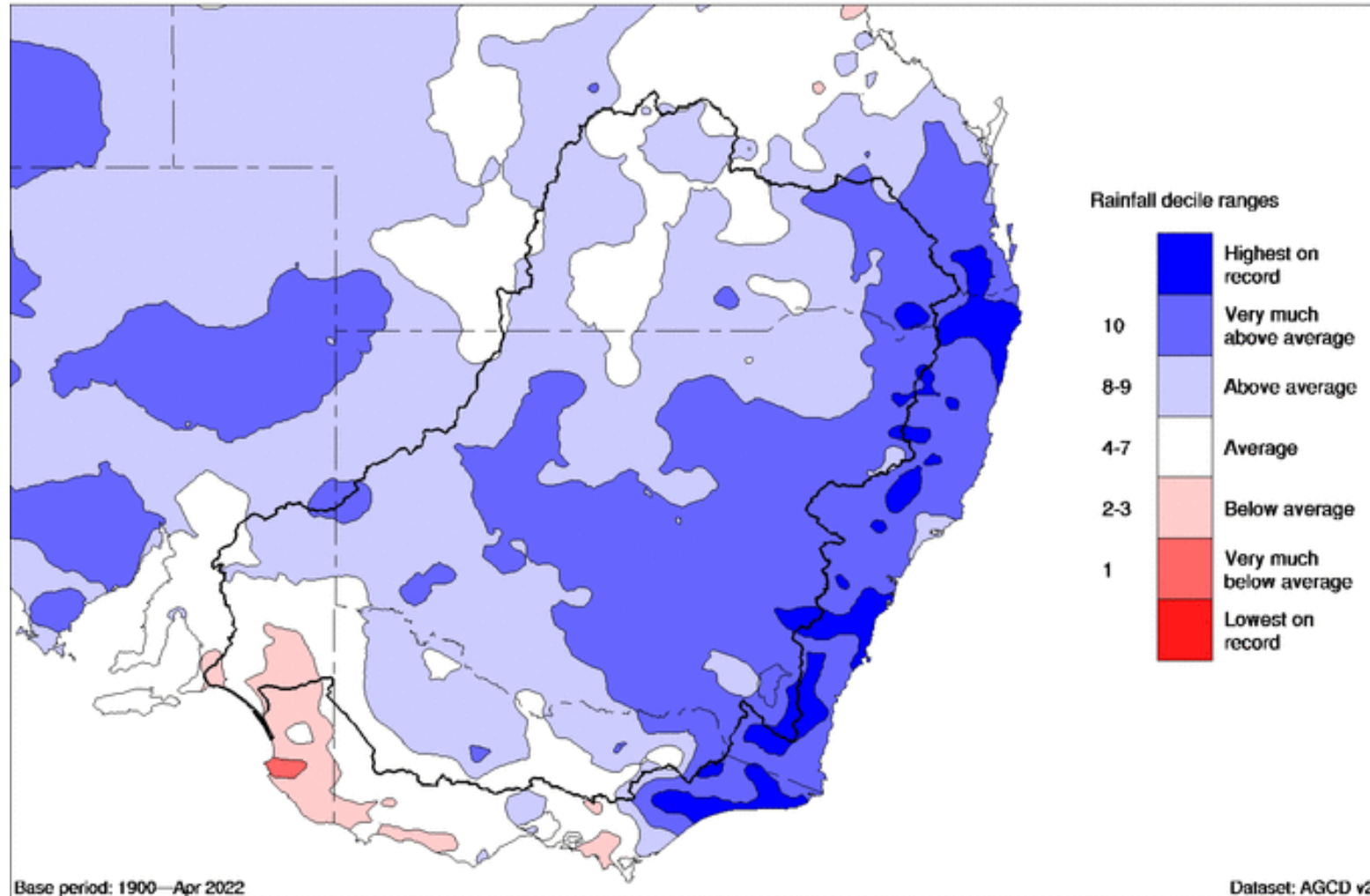


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Rainfall Deciles (Jul-Apr 2022)

Murray-Darling rainfall deciles 1 July 2021 to 30 April 2022

Australian Gridded Climate Data



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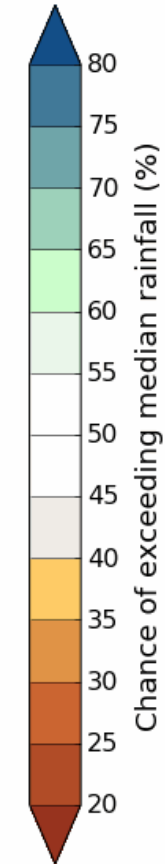
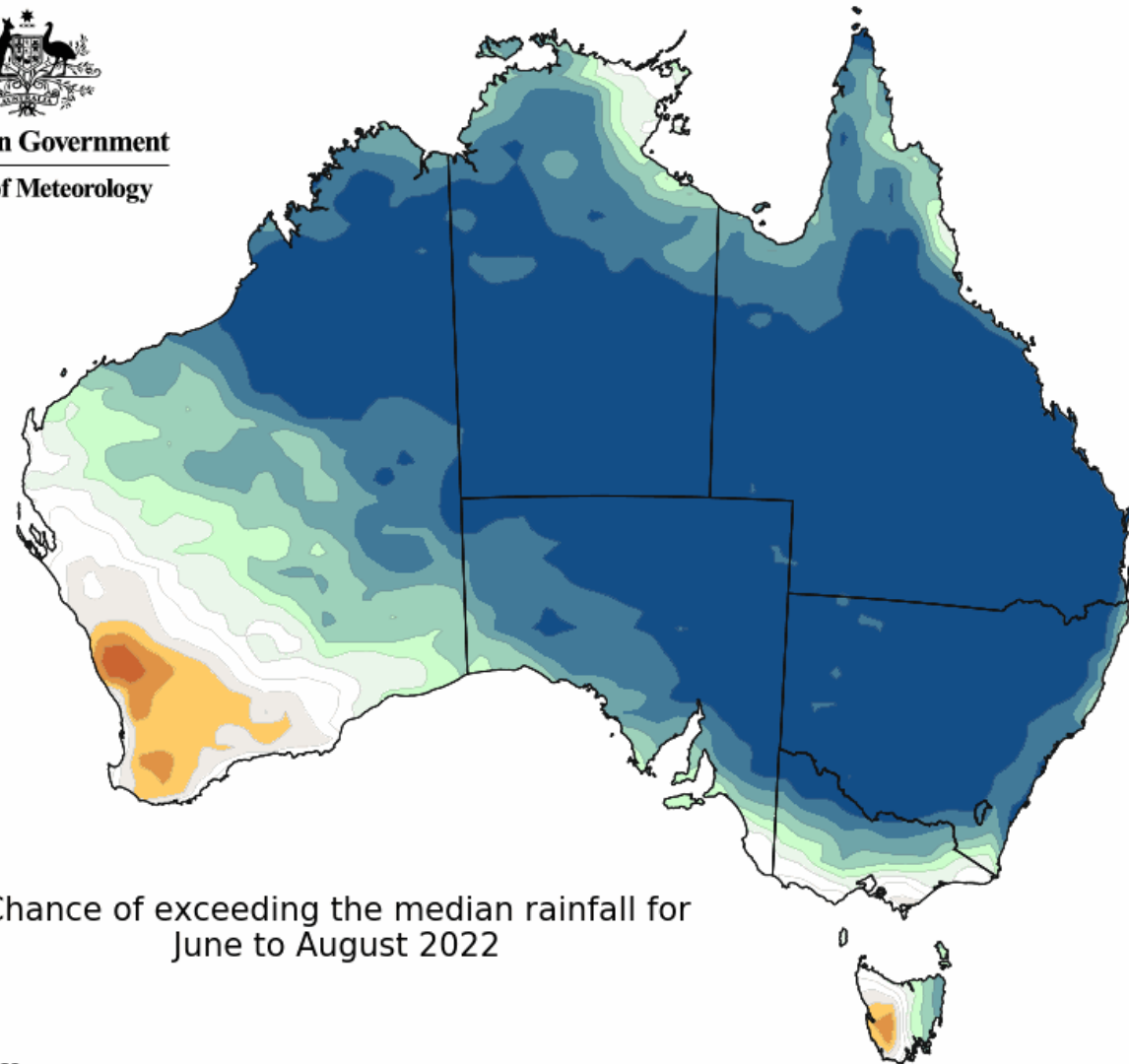
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Rainfall Outlook Jun-Aug 2022



Australian Government
Bureau of Meteorology



Chance of exceeding the median rainfall for
June to August 2022

Model: ACCESS-S2
Base period: 1981-2018

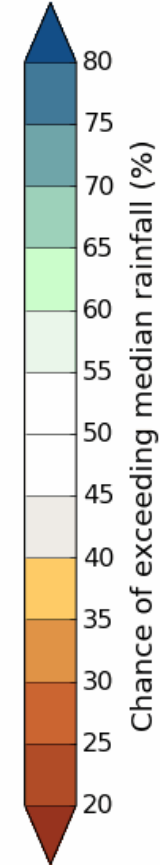
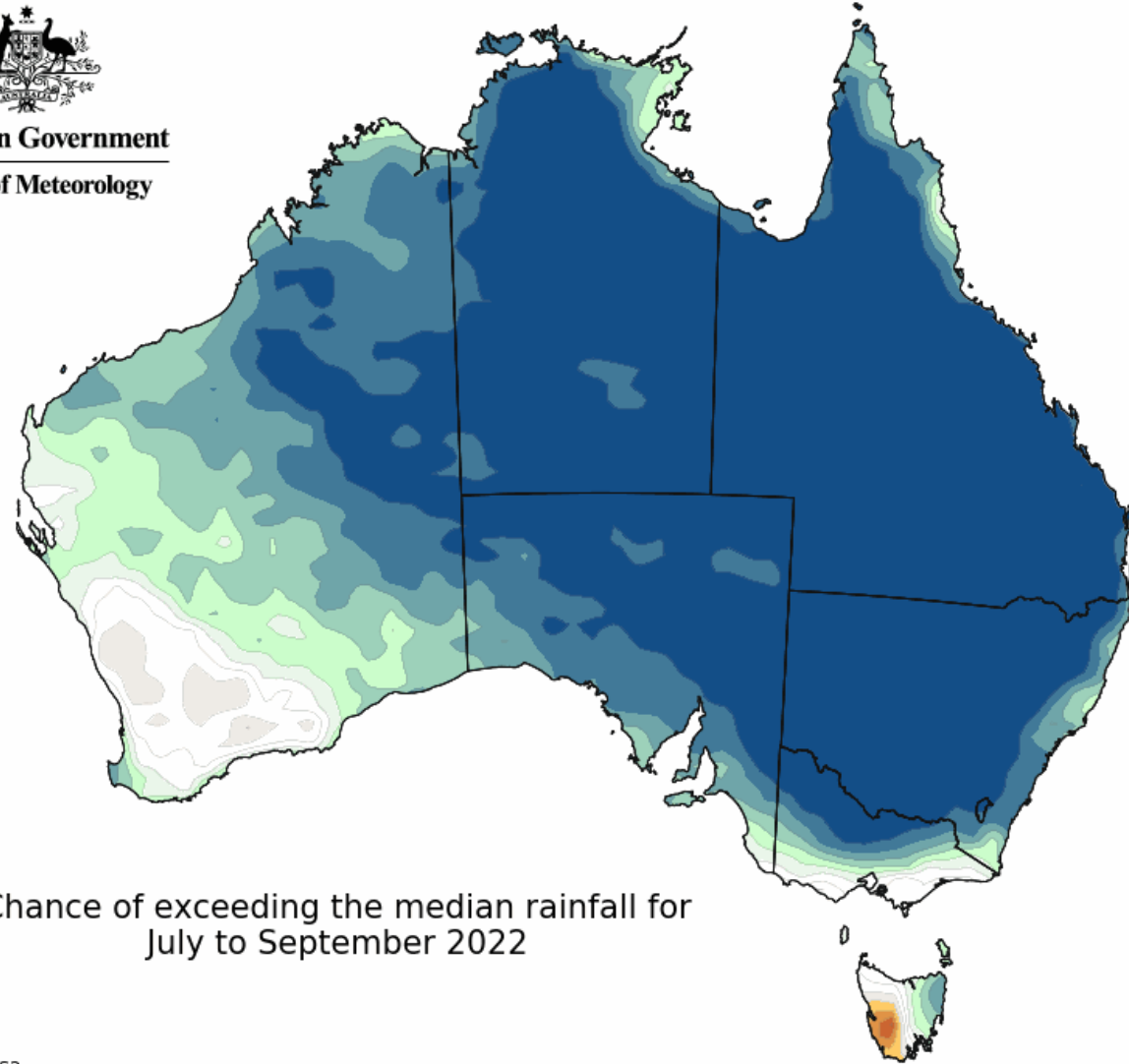
Model run: 16/05/2022
Issued: 19/05/2022

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Rainfall Outlook Jul-Sep 2022



Australian Government
Bureau of Meteorology



Chance of exceeding the median rainfall for
July to September 2022

Model: ACCESS-S2
Base period: 1981-2018

Model run: 16/05/2022
Issued: 19/05/2022

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Goulburn HRWS Outlook 2022-23

Inflow Condition	1 Jul 22	15 Aug 22	17 Oct 22	15 Feb 23
Wet	82%	100%	100%	100%
Average	52%	88%	100%	100%
Dry	46%	58%	82%	100%
Extreme Dry	45%	47%	50%	56%



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Murray HRWS Outlook 2022-23

Inflow Condition	1 Jul 22	15 Aug 22	17 Oct 22	15 Feb 23
Wet	100%	100%	100%	100%
Average	100%	100%	100%	100%
Dry	91%	100%	100%	100%
Extreme Dry	87%	89%	91%	94%



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Risk of Spill

- Murray 100%
- Goulburn 70%
- Campaspe 40%



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Key Messages

- Strong reserves built this season
- Wetter conditions forecast to continue
- Good possibility for 100% HRWS in all systems
- LRWS in Goulburn and Murray possible, but needs spills
- Risks of spill are in play
- Important considerations for late-season carryover planning



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