

River Murray System Water Resource Outlook

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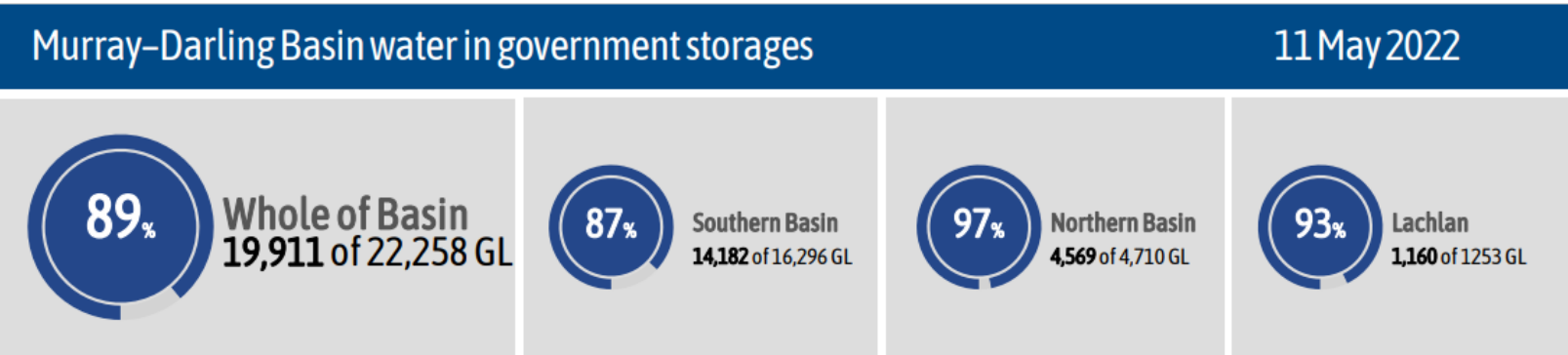
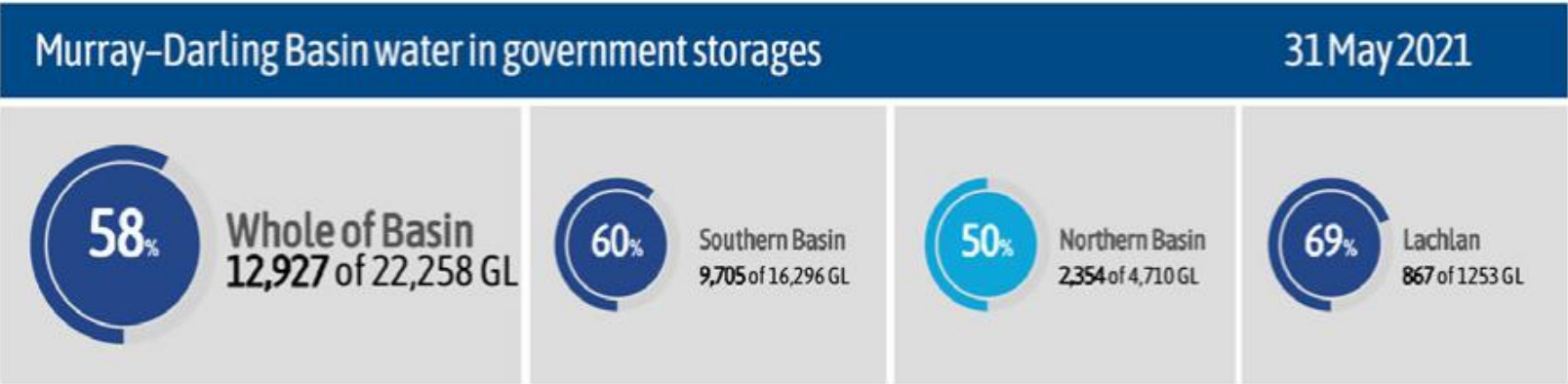
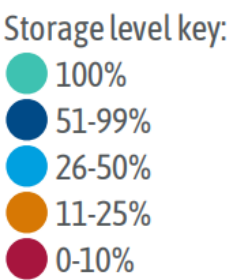
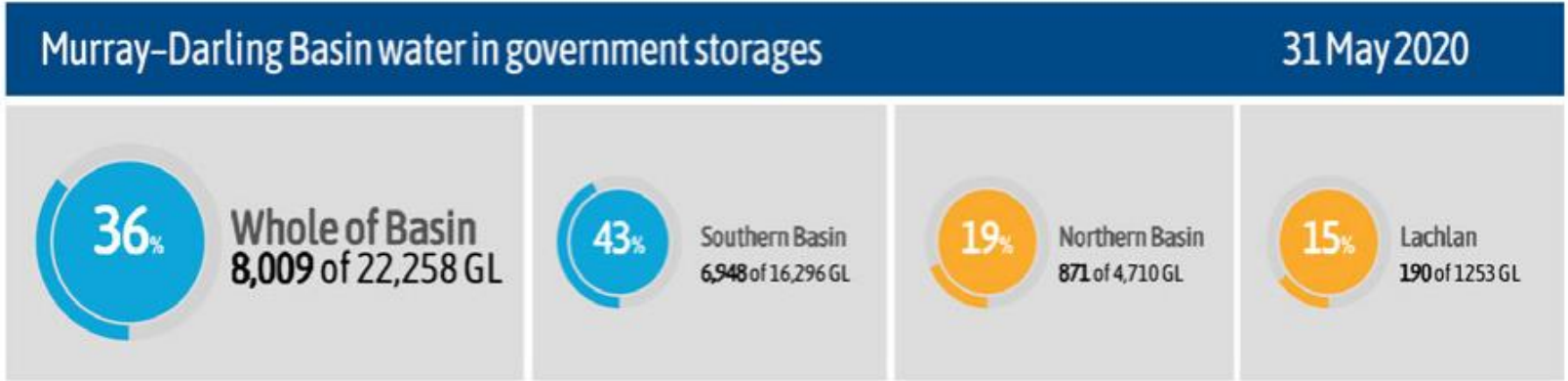
Australian Government



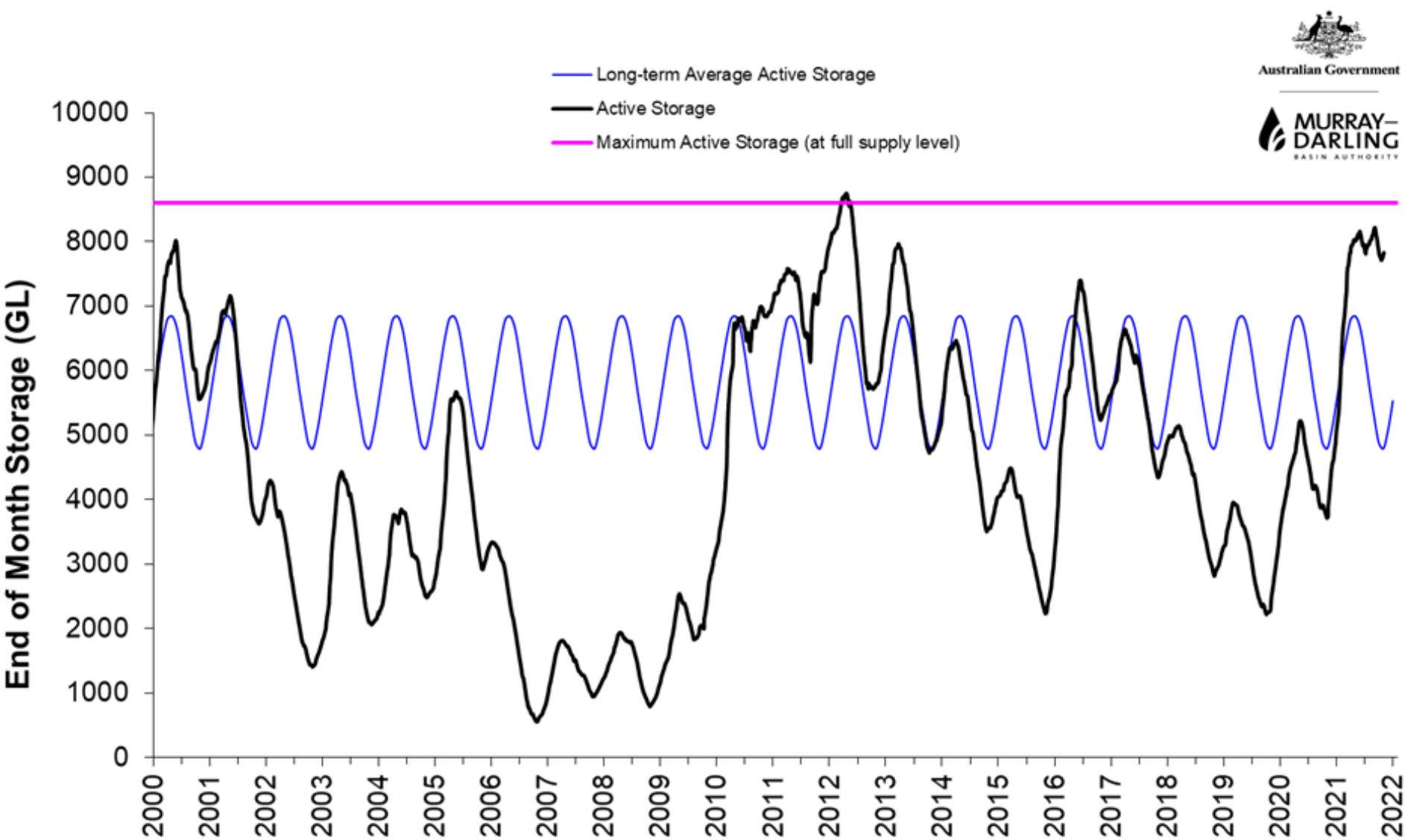
Key Messages

- Significant increase in water in storage
- Started pre-releases from Hume dam
- Forecast above average rainfall for next 3 months

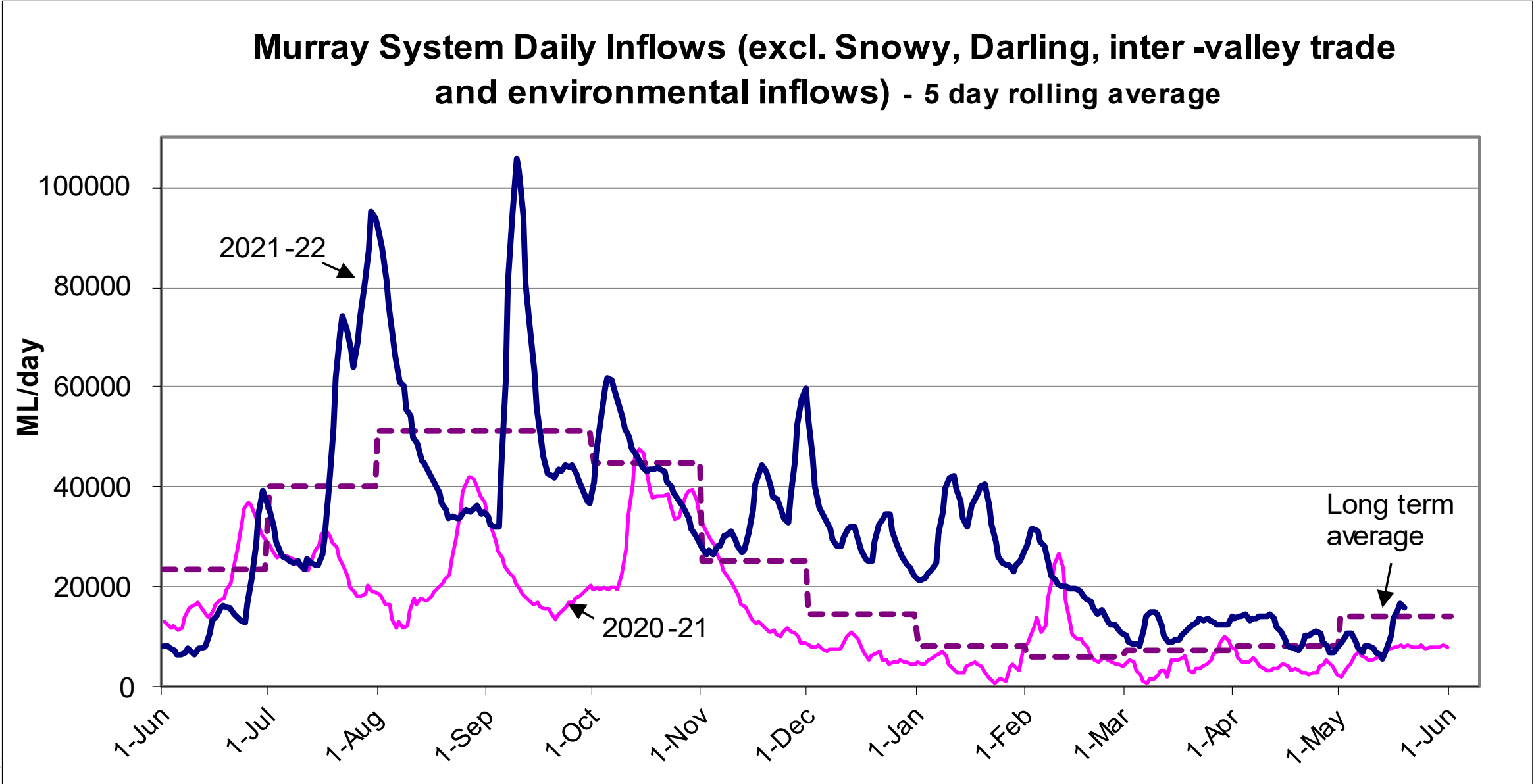
Basin-wide storage levels – 3 year comparison



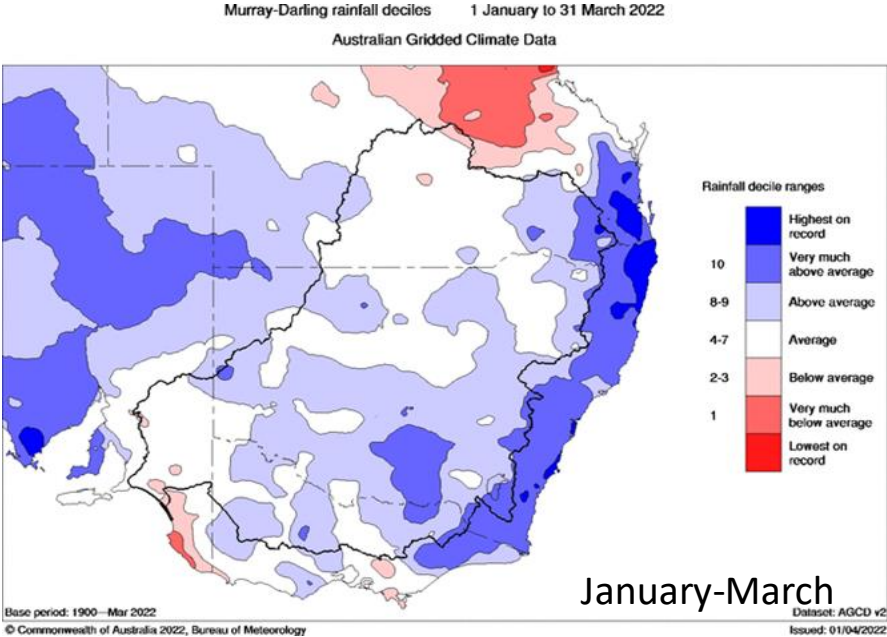
Total River Murray System storage April 2022



Inflows

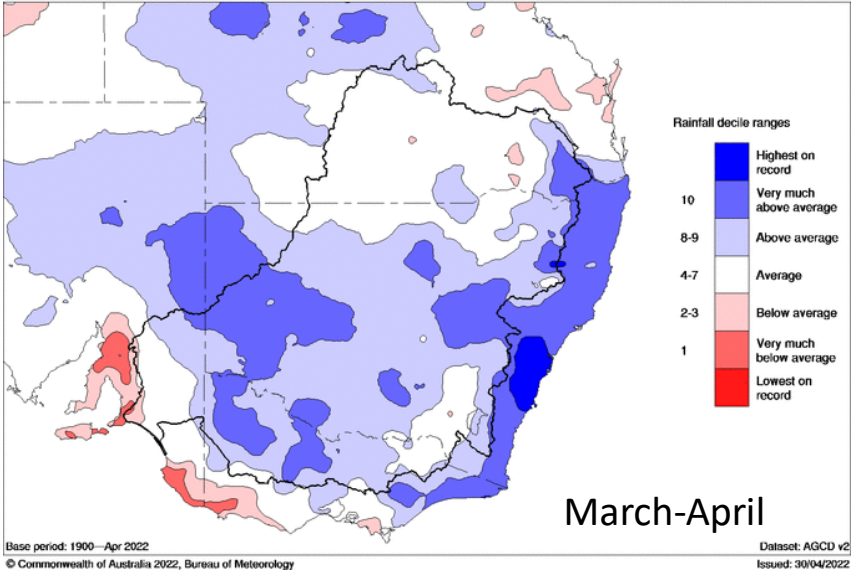


Recent climate – rainfall



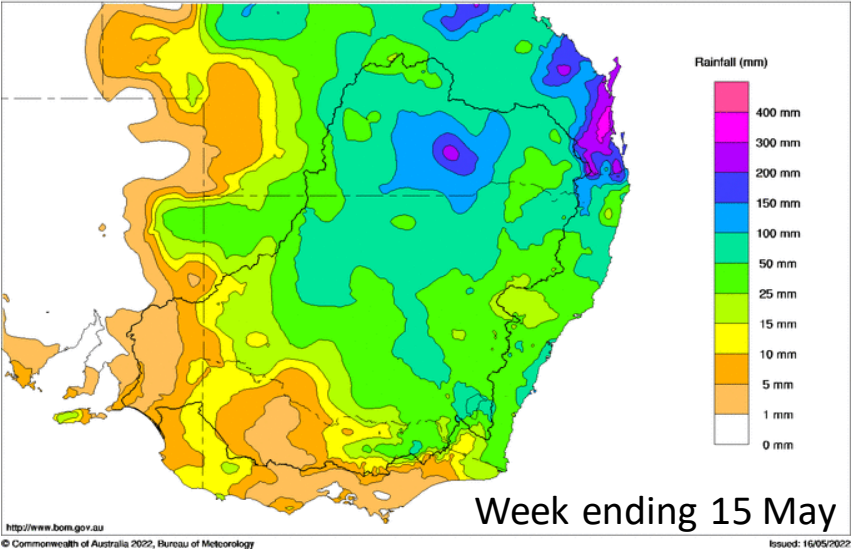
Murray-Darling rainfall deciles 1 March to 30 April 2022

Australian Gridded Climate Data



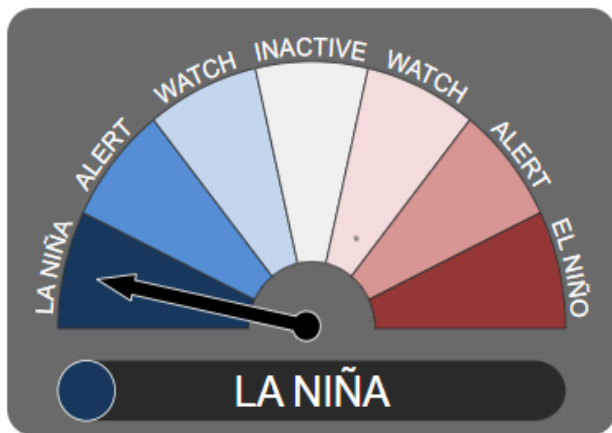
Murray-Darling Rainfall Totals (mm) Week Ending 16th May 2022

Australian Bureau of Meteorology

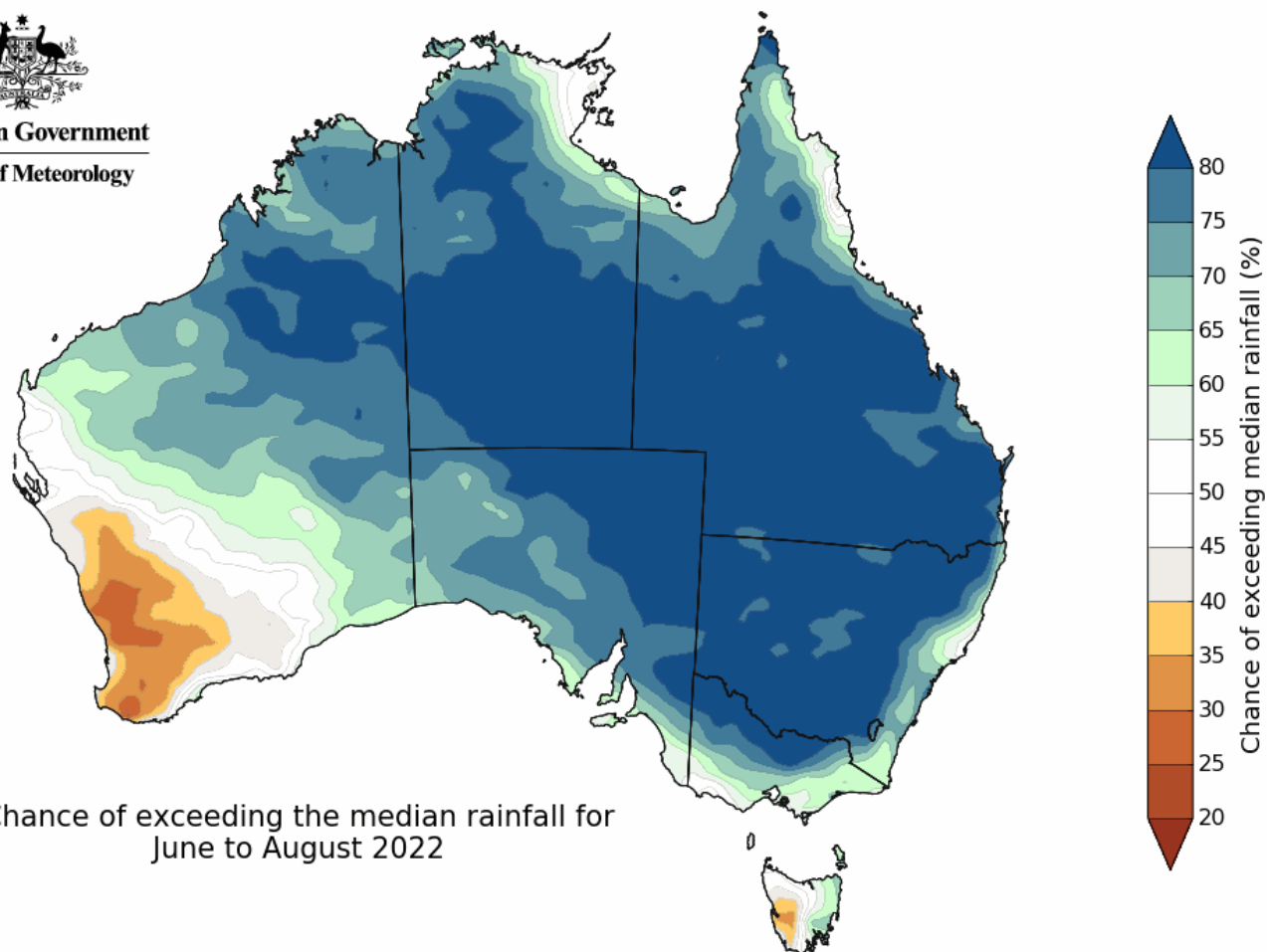


Climate outlook

- Climate influences (ENSO, MJO, SAM, IOD) mostly neutral
- June – August rainfall – above average likely




Australian Government
Bureau of Meteorology



Chance of exceeding the median rainfall for
June to August 2022

Operational activities



Dartmouth and Hume dams

- Hume pre-releases began 13 May 2022

Yarrawonga

- Lake Mulwala temporary drawdown for weed control

Murrumbidgee

- Unregulated flow at Balranald increasing again

Operational activities



- **Lake Victoria and SA**

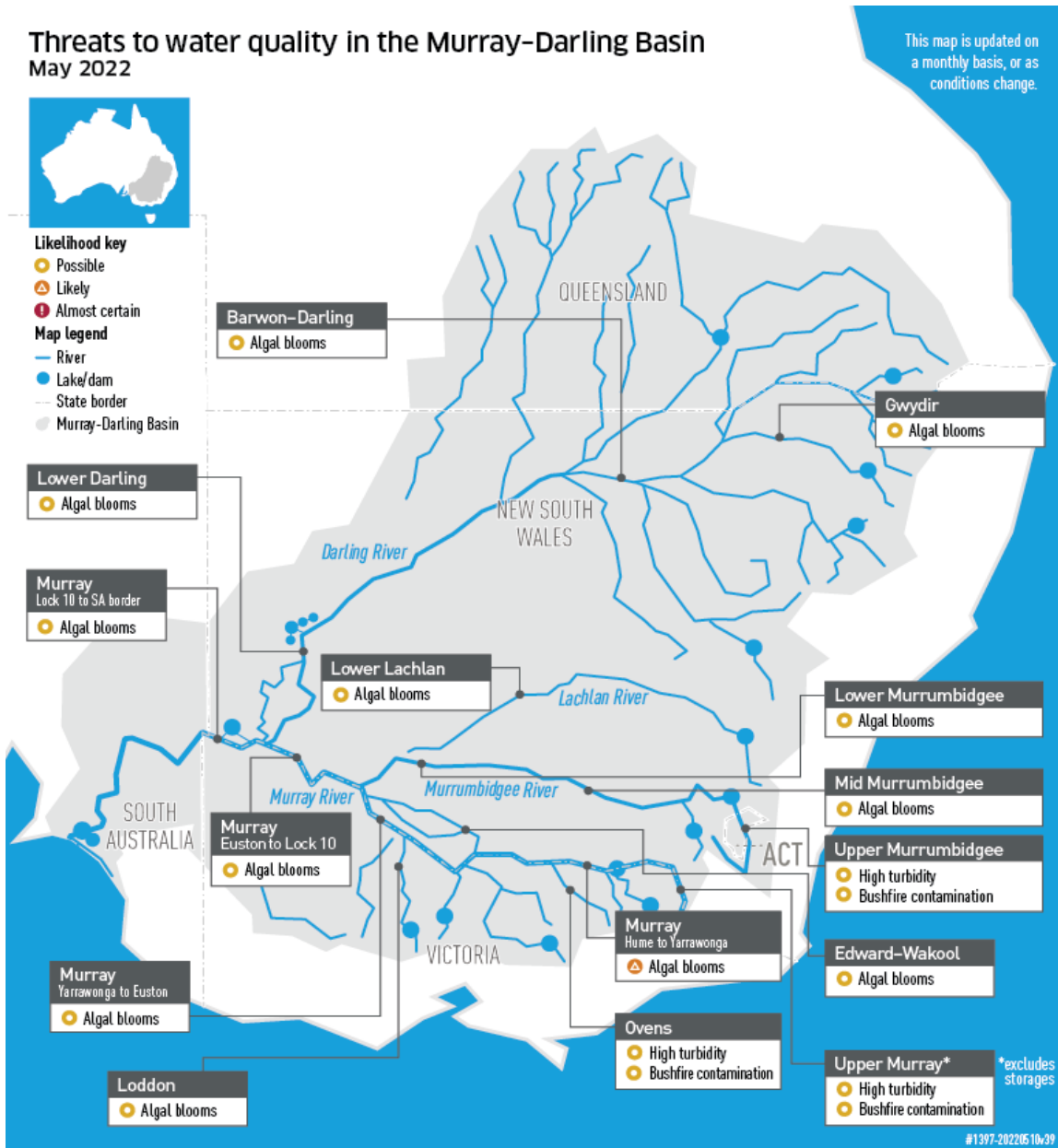
- Lake Victoria target 350GL end May (LVOS)
- SA flow remains unregulated and continuing into new water year

- **Lower Darling and Menindee**

- Menindee Lakes 113% and rising
- WaterNSW are increasing releases to 23,000 ML/day at Weir 32 which will cause minor flooding at Menindee Township and downstream
- Estimate a further 1,150 – 1,550 GL of inflows by the end of July

Water Quality

Threats to water quality in the Murray-Darling Basin May 2022



Thank you.

Office locations – *First Nations Country*

Adelaide – *Kaurna Country*

Canberra – *Ngunnawal Country*

Goondiwindi – *Bigambul Country*

Griffith – *Wiradjuri Country*

Mildura – *Latji Latji Country*

Murray Bridge – *Ngarrindjeri Country*

Toowoomba – *Jarowair and Wakka Wakka Country*

Wodonga – *Dhudhuroa Country*

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