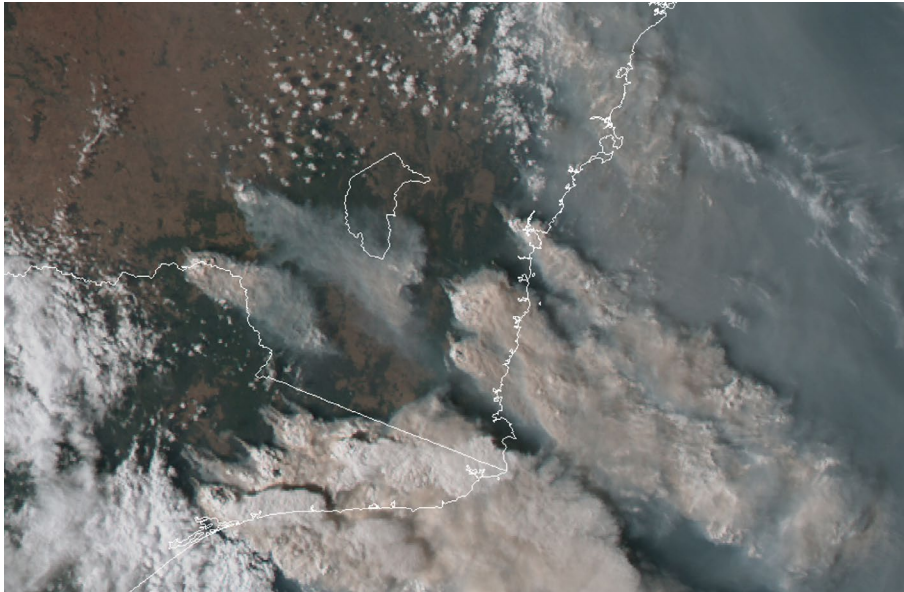


AUSTRALIAN FIRE PATTERN ANALYSES USING MODIS HOTSPOTS



Part 2: Annual activity patterns

Adjunct Professor Rick McRae,
UNSW Canberra,
Bushfire Research Group

[e] r.mcrae@unsw.edu.au



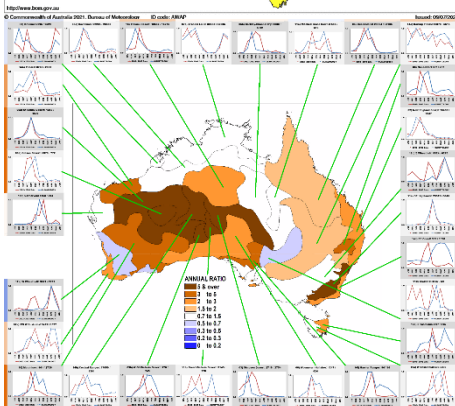
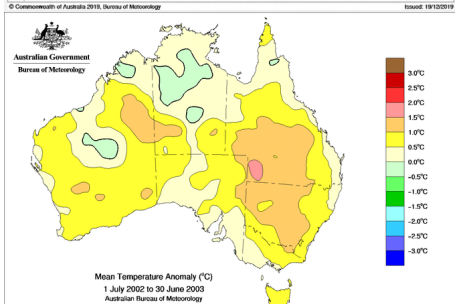
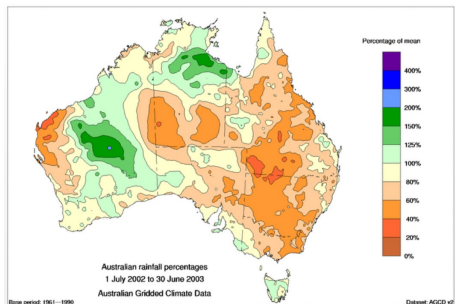
UNSW
CANBERRA



UNSW
Bushfire

Part 2: ANNUAL ACTIVITY PATTERNS

MAP



DESCRIPTION

The year's rainfall, as a percentage of the average annual amount. The maps are from the Bureau of Meteorology. From July 1 to June 30. Fire activity in forest areas reflects drought, while in other fuel types there can longer or reverse relationships.

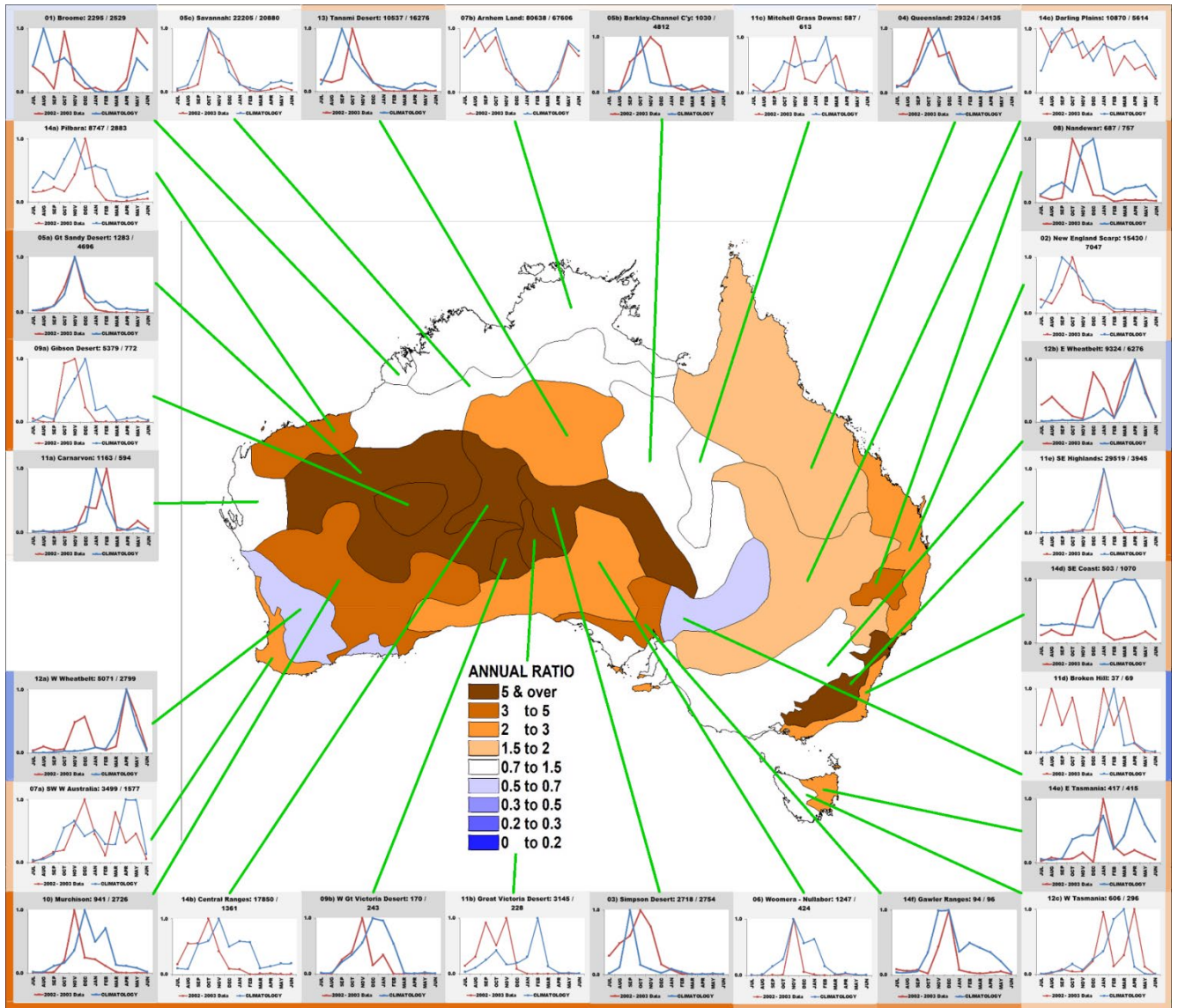
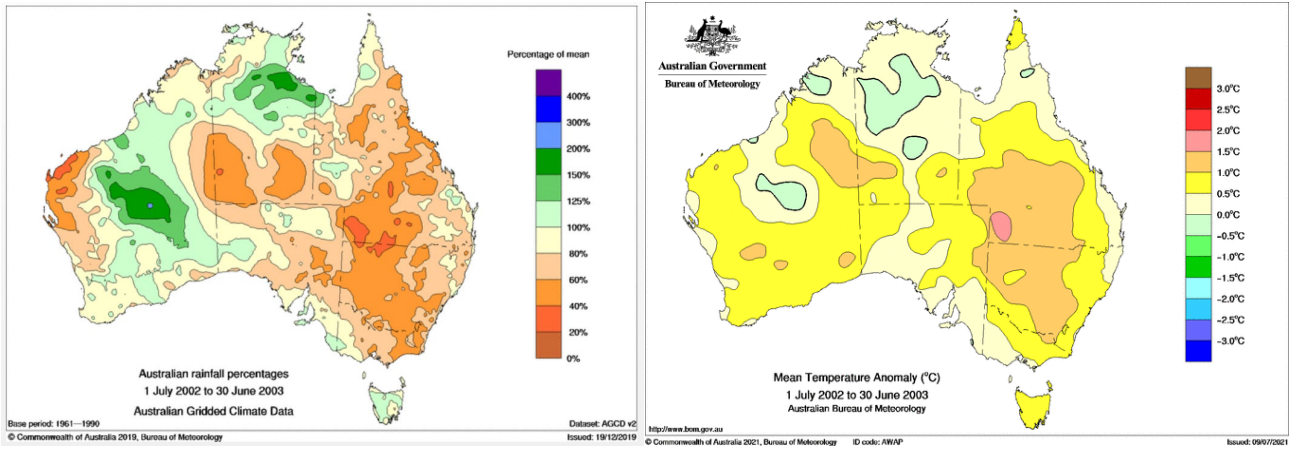
The year's temperature anomaly – the annual average minus the long term annual average. The maps are from the Bureau of Meteorology. From July 1 to June 30. Fire activity in most areas goes up with heat.

The chart of **hotspot seasonality patterns**:

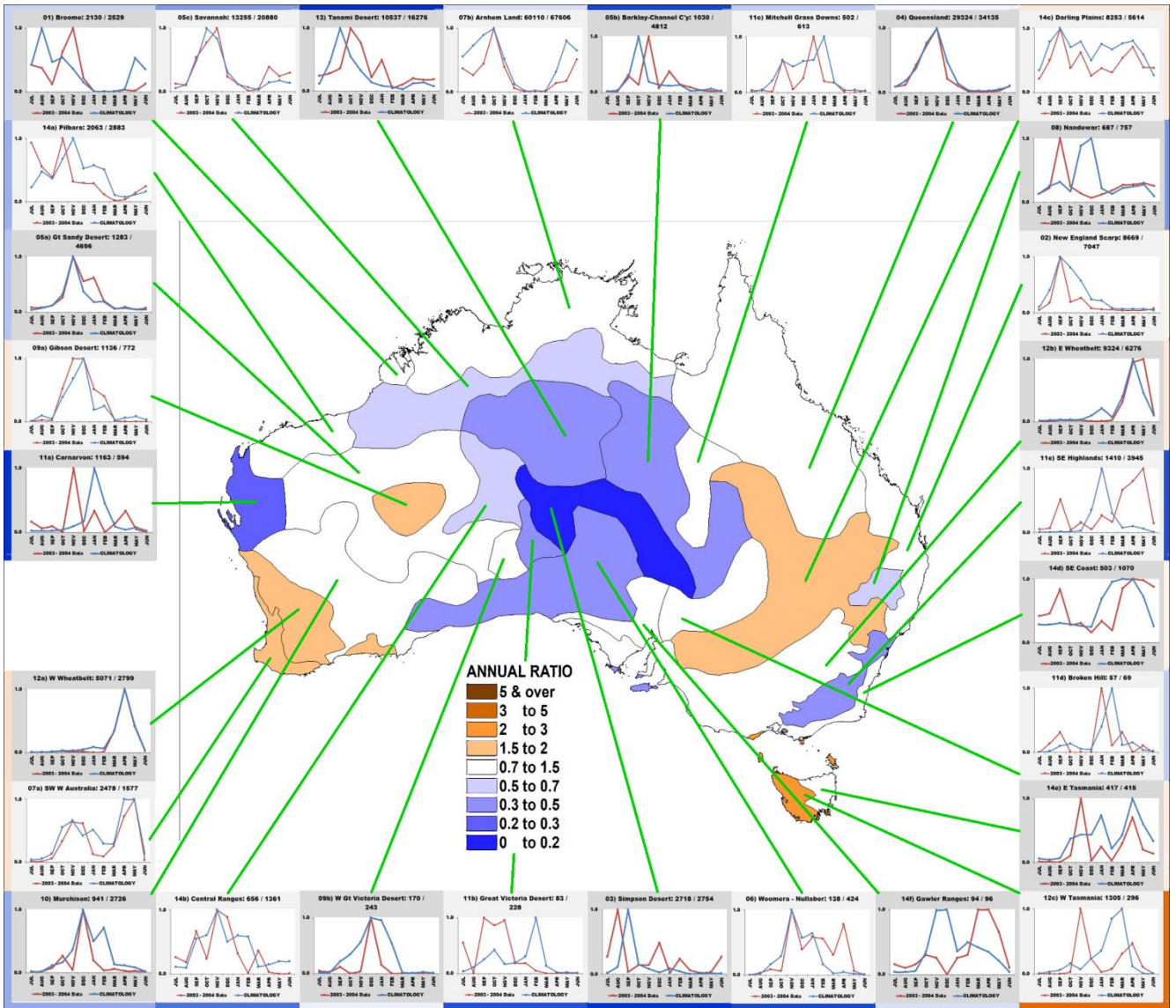
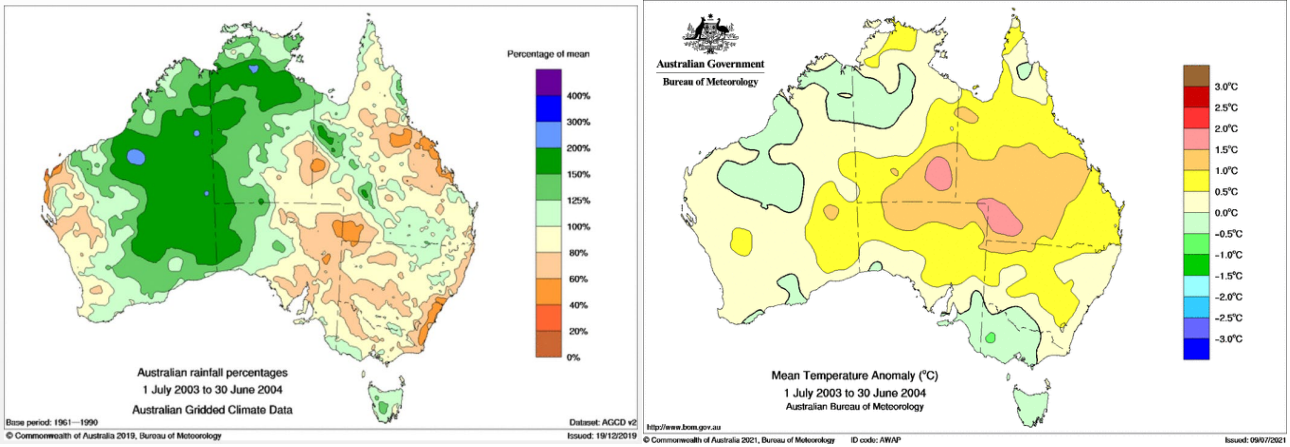
- 1) Annual hotspot seasonality patterns, showing observed monthly patterns and average patterns, from MODIS data supplied by NASA FIRMS.
- 2) Annual hotspot counts and average annual hotspot counts.
- 3) Colouring show the ratio of those two numbers.

From July 1 to June 30.

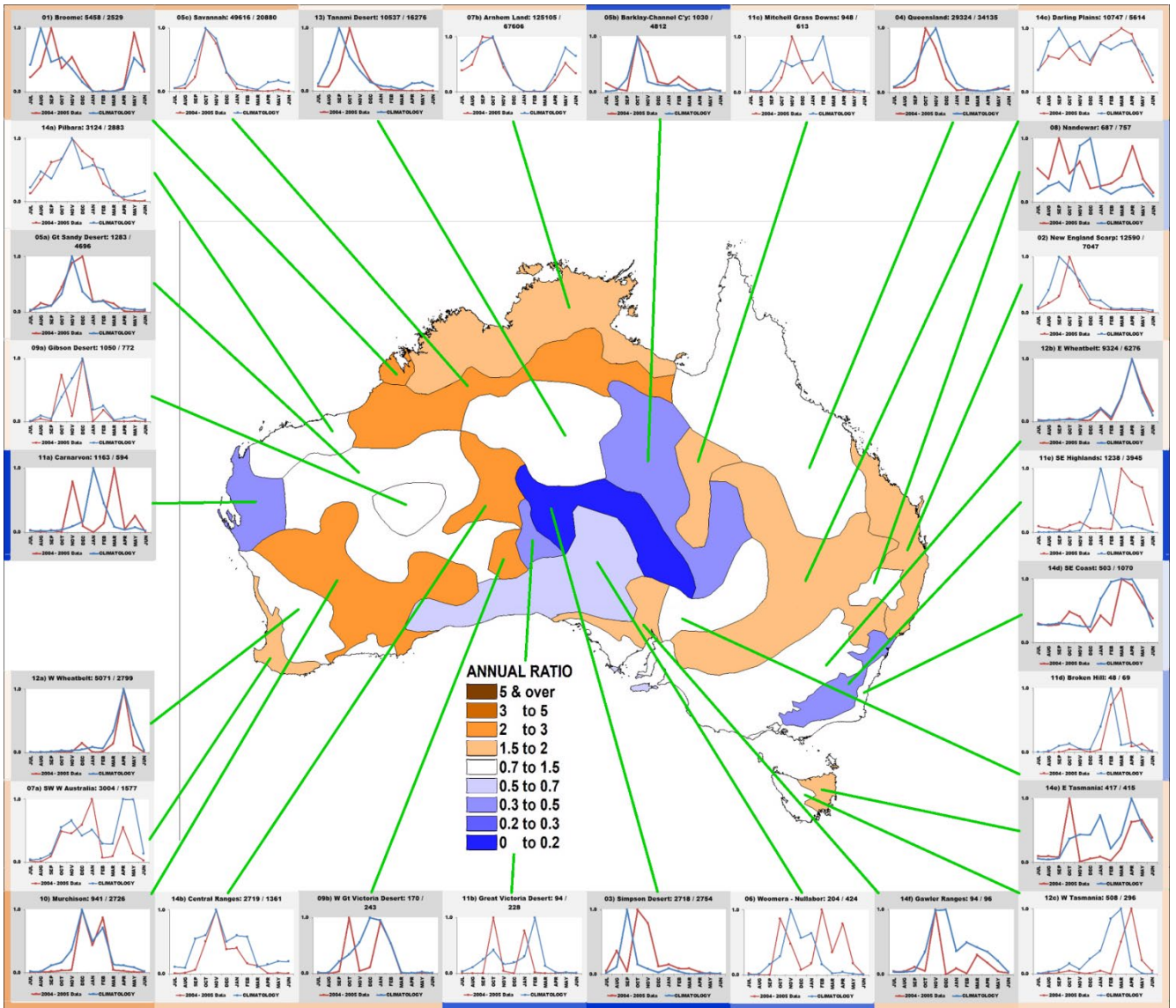
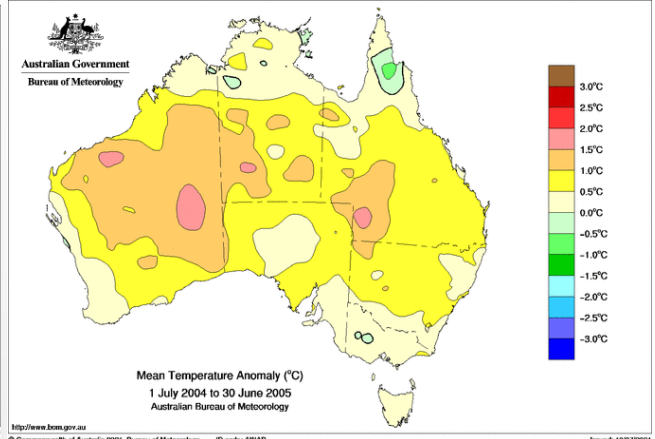
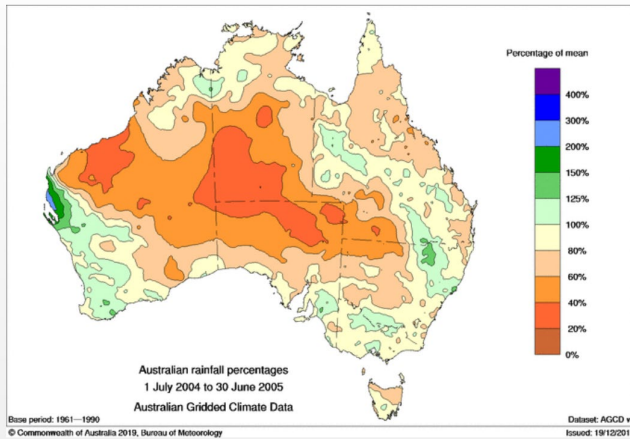
FIRE YEAR 2002/2003



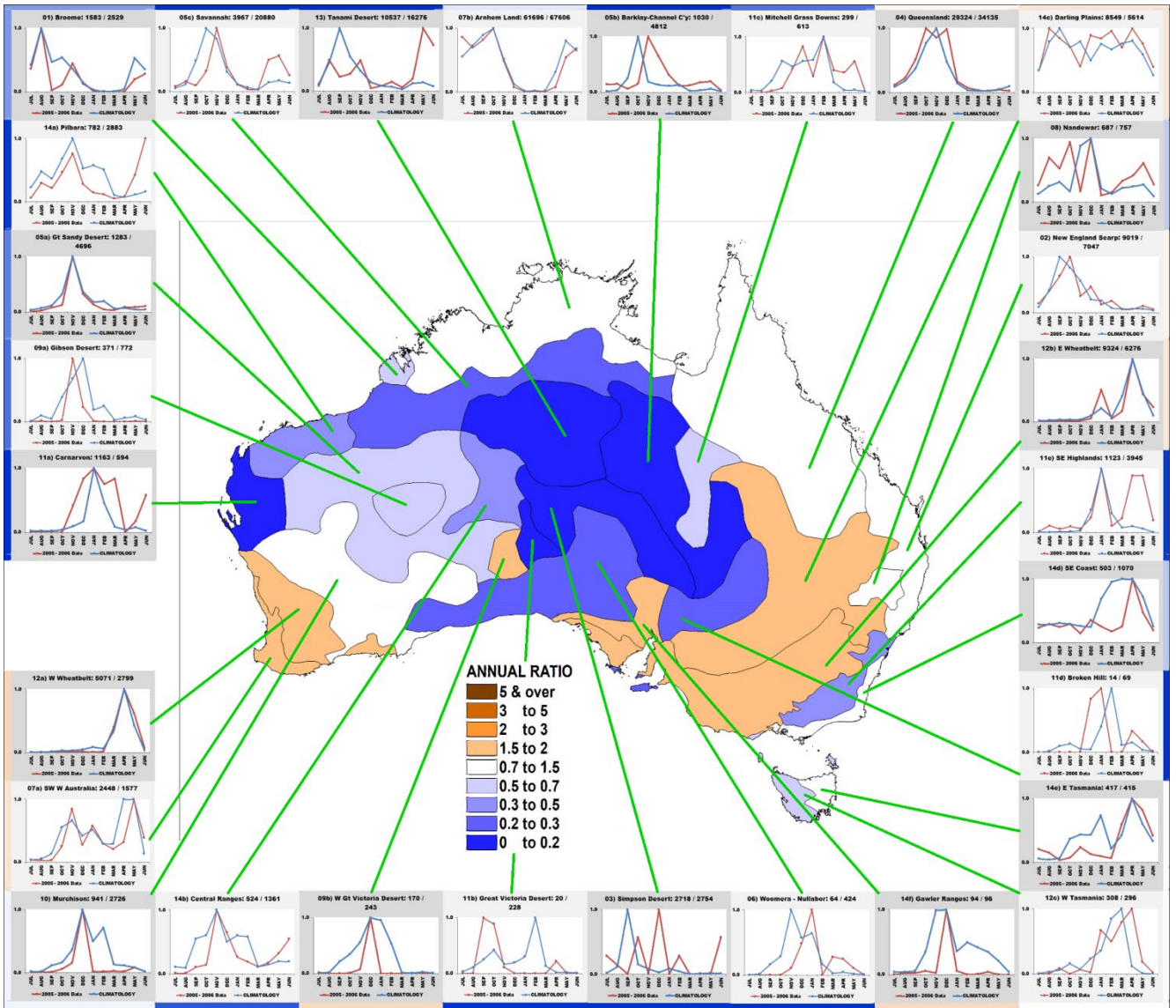
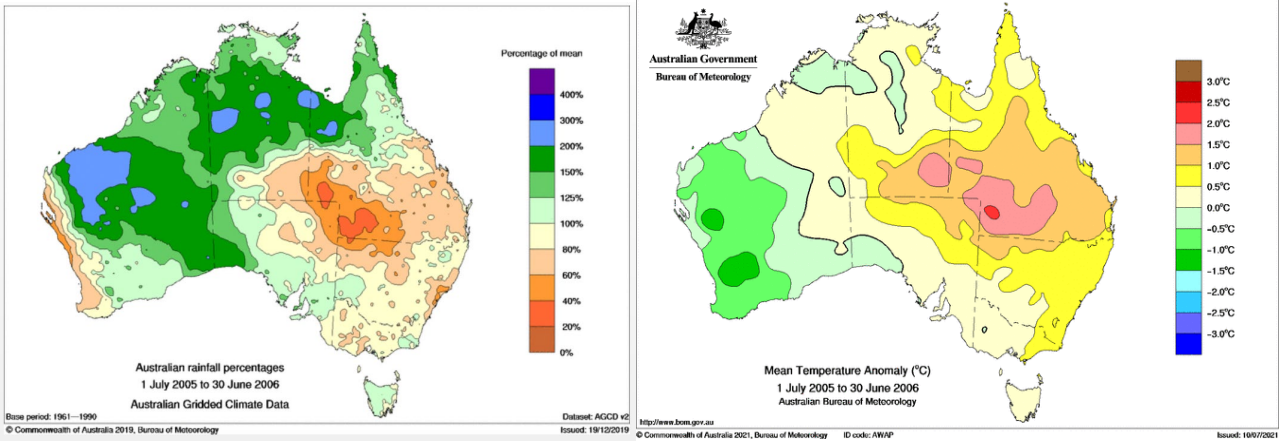
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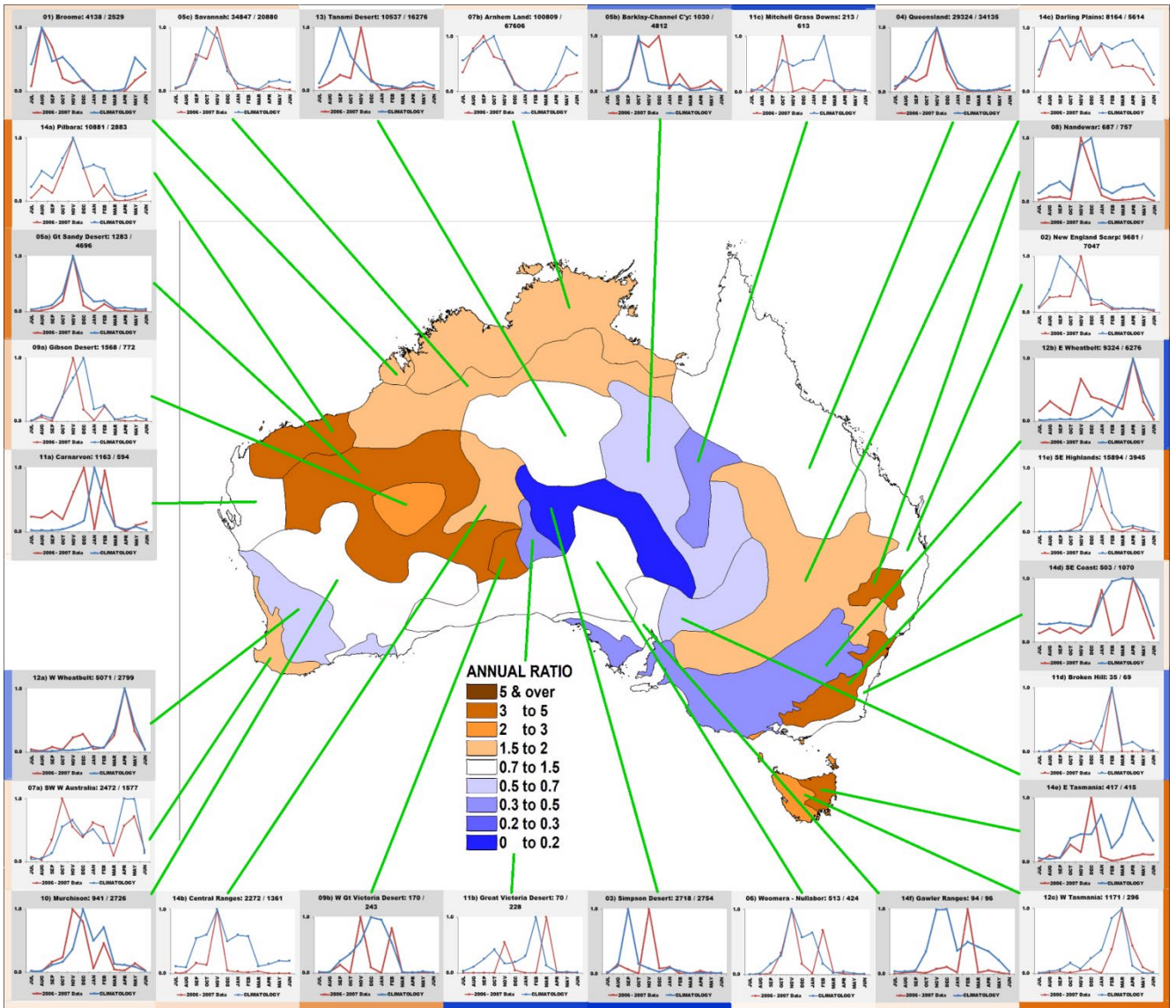
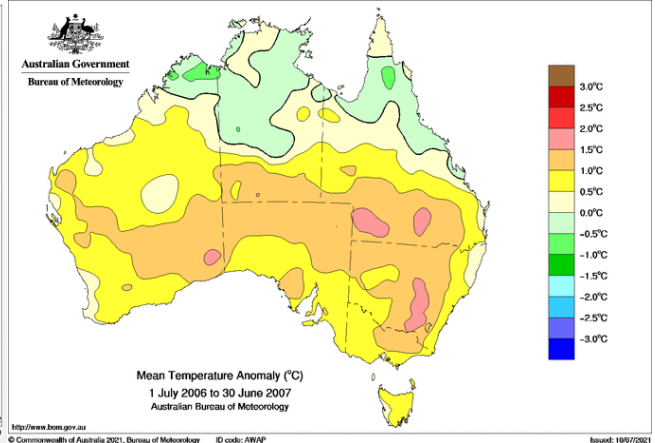
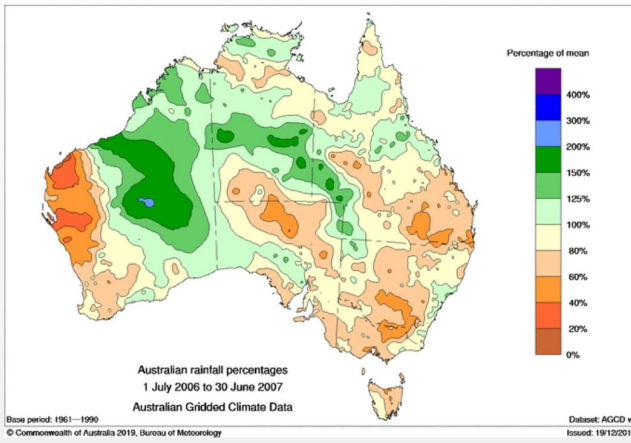
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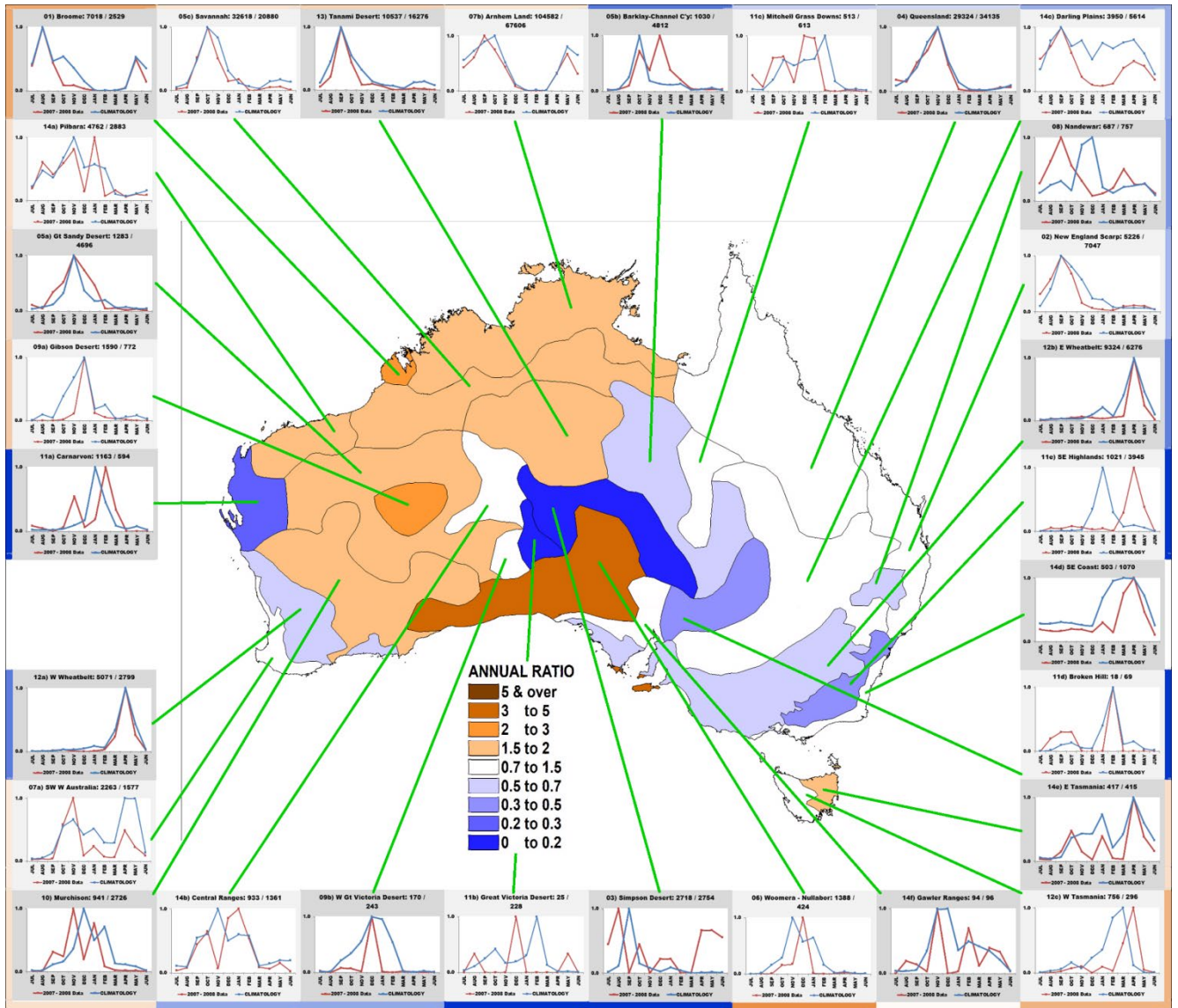
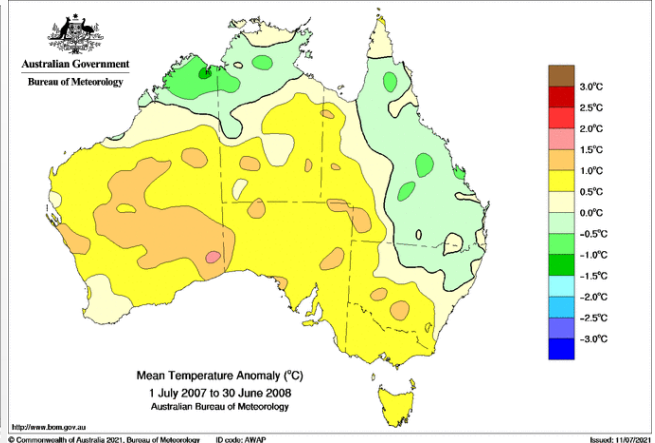
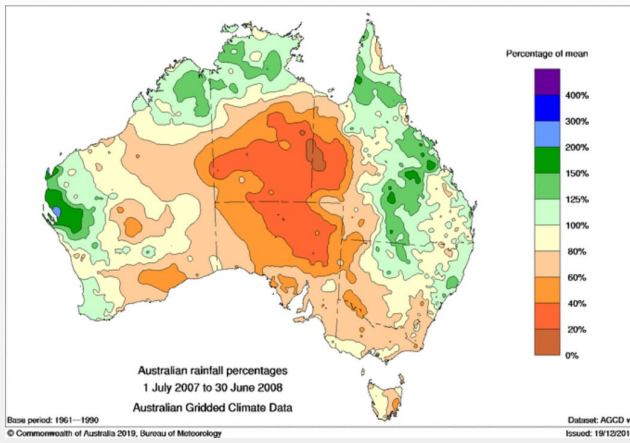
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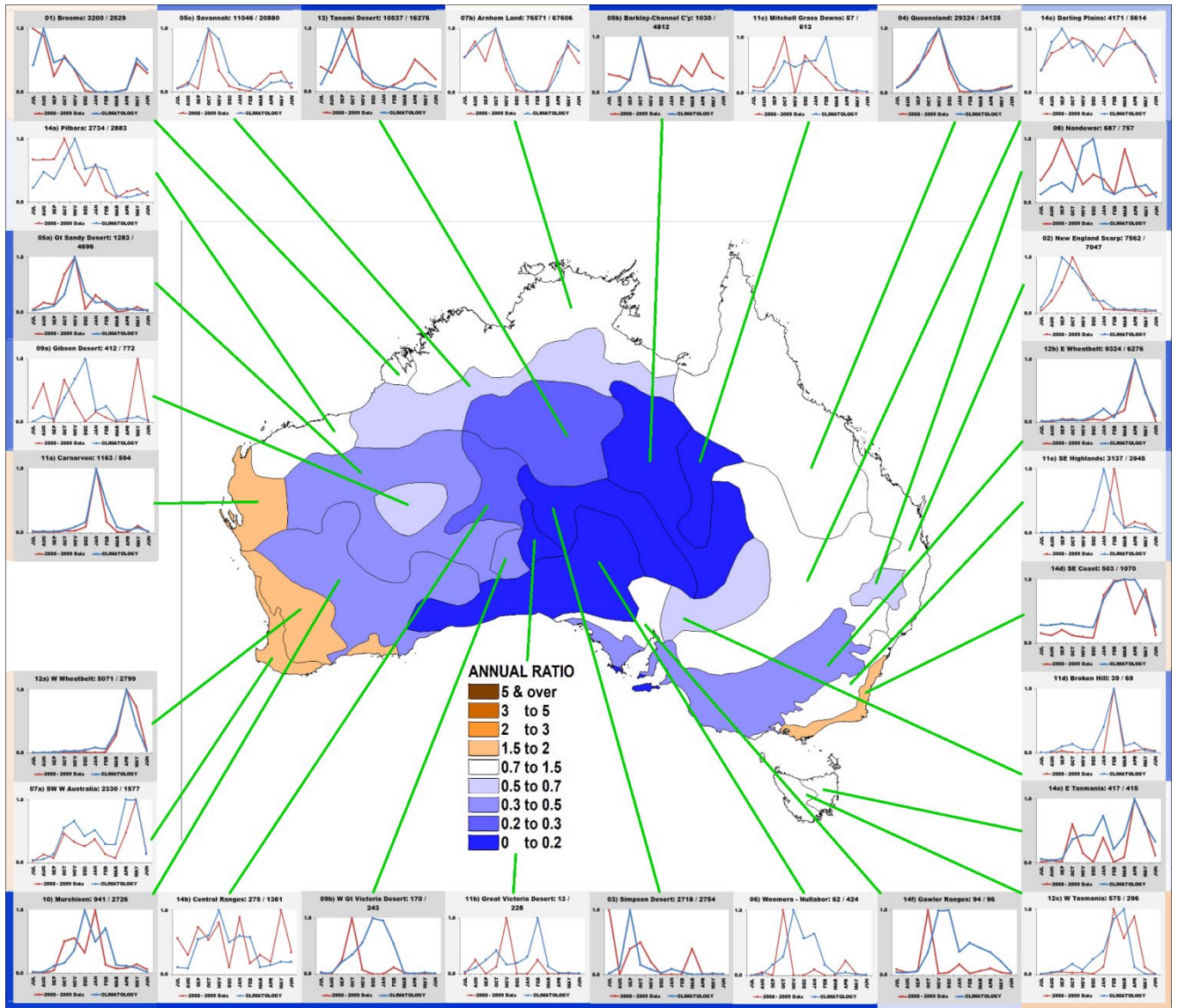
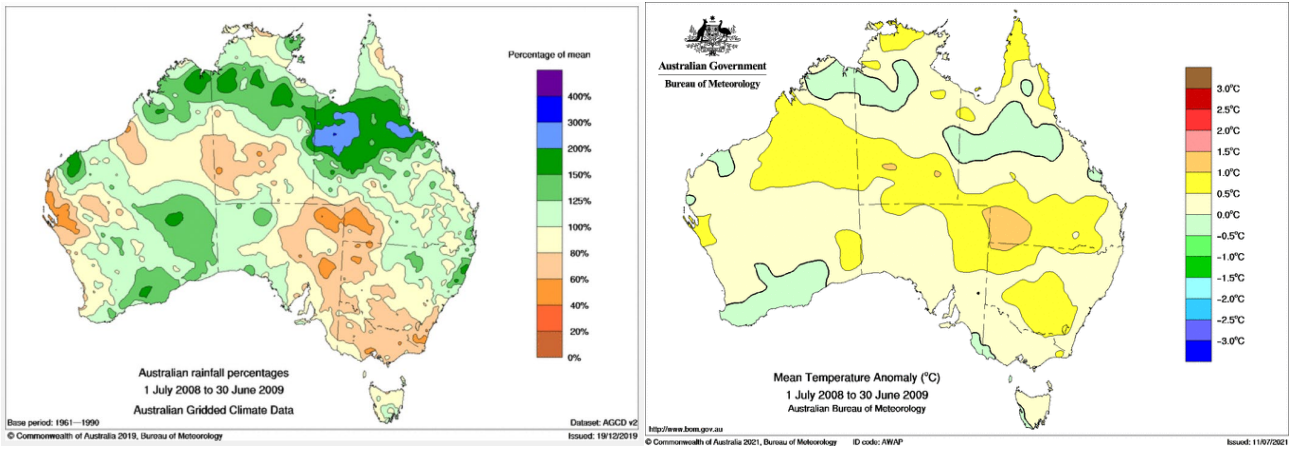
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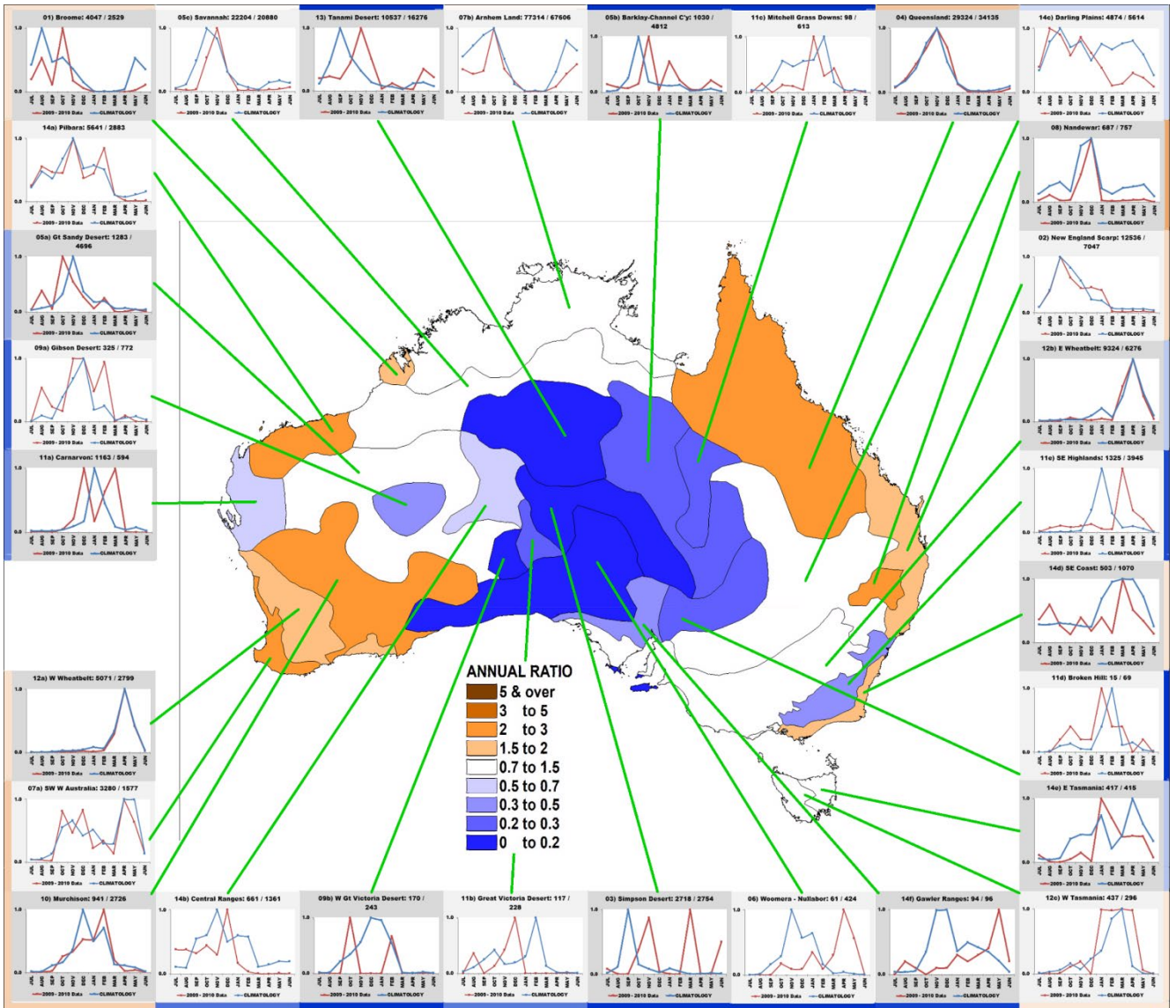
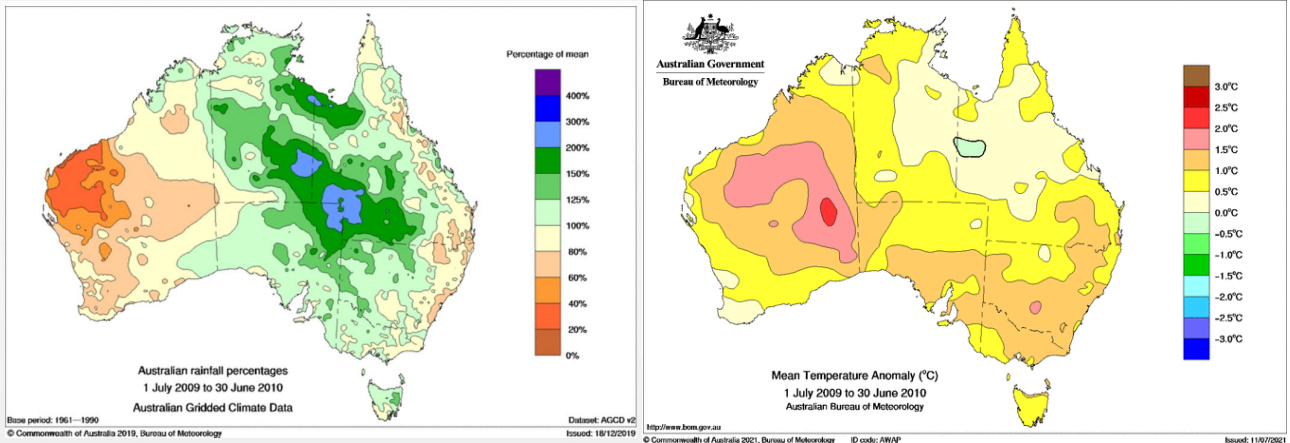
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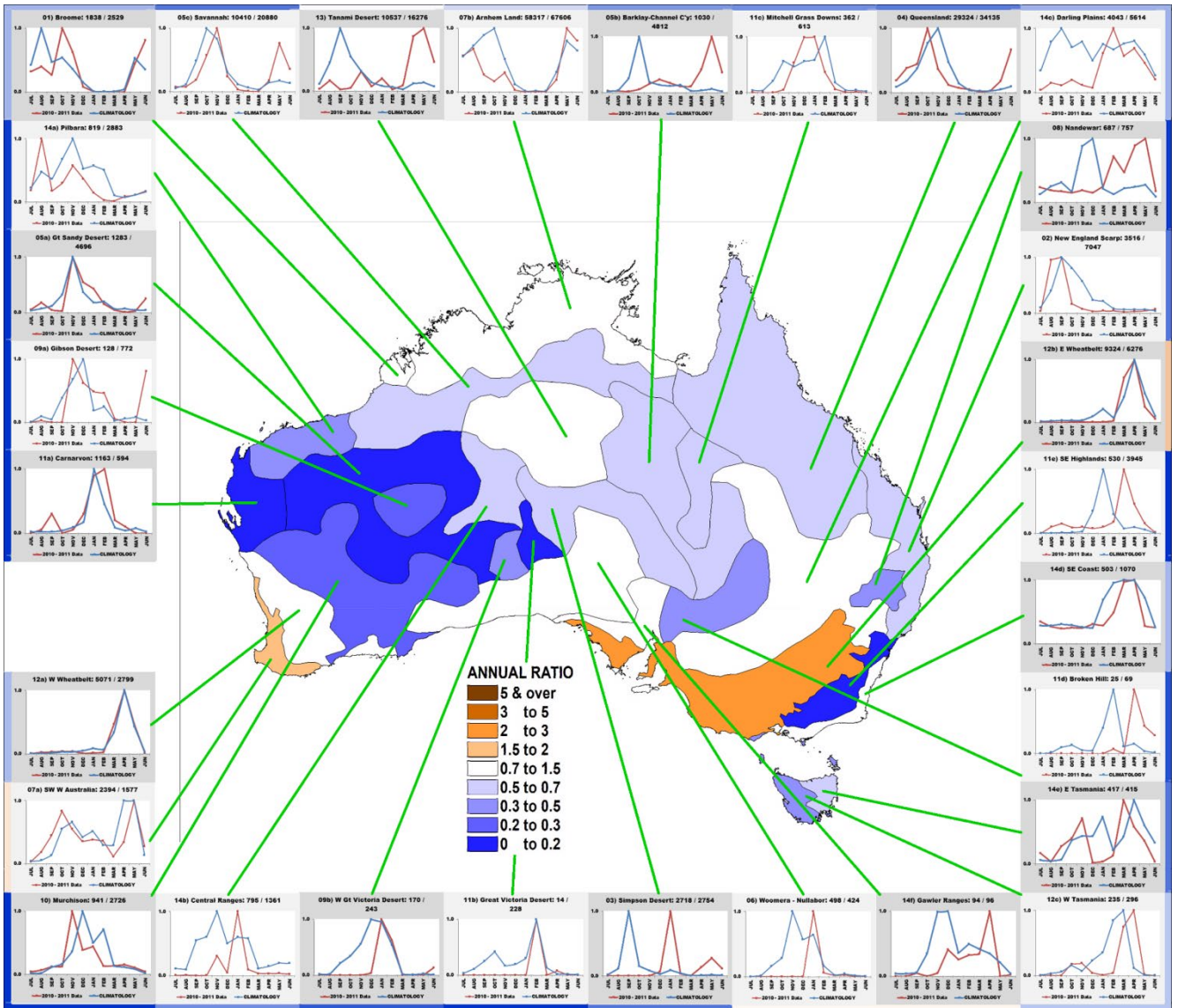
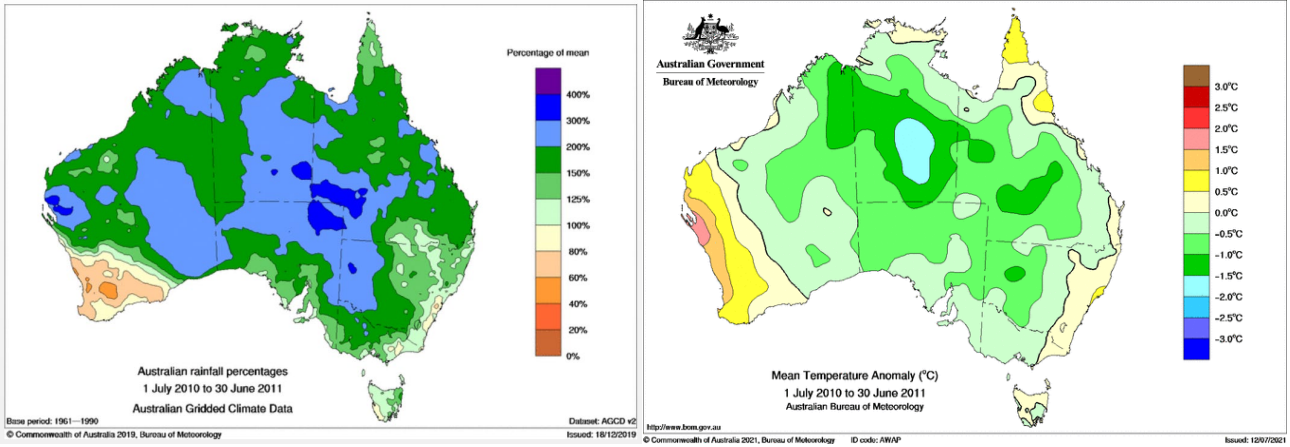
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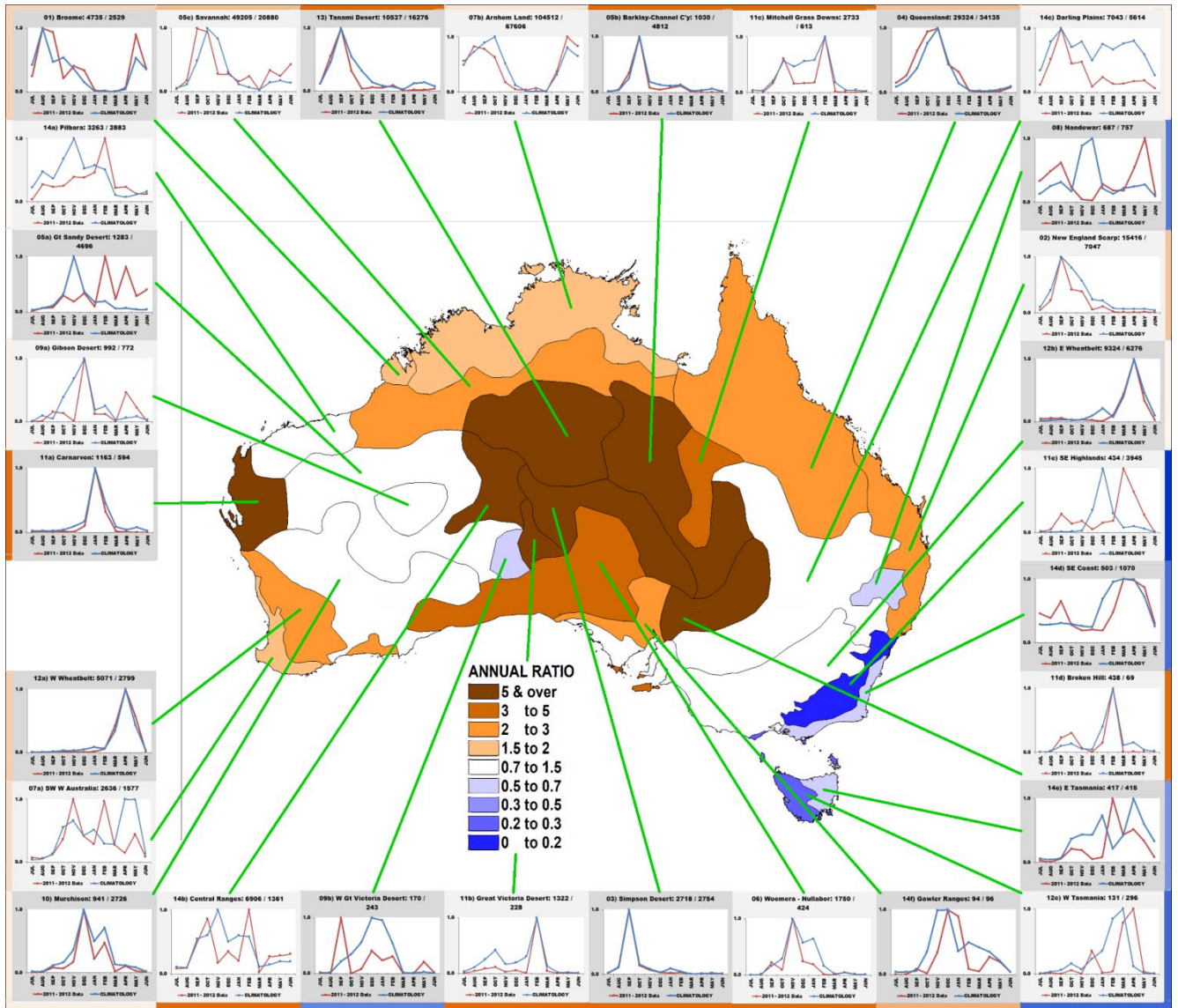
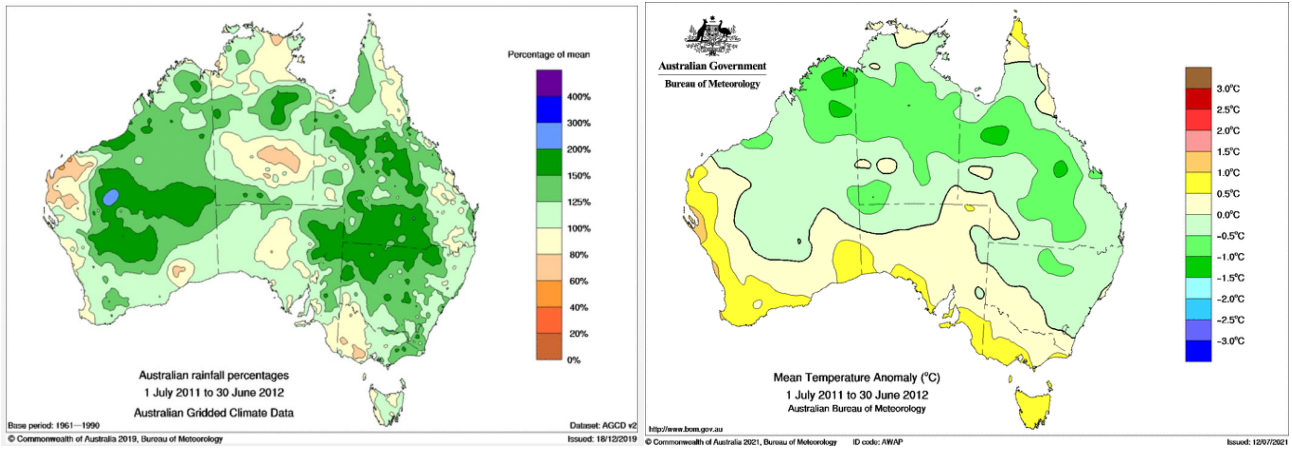
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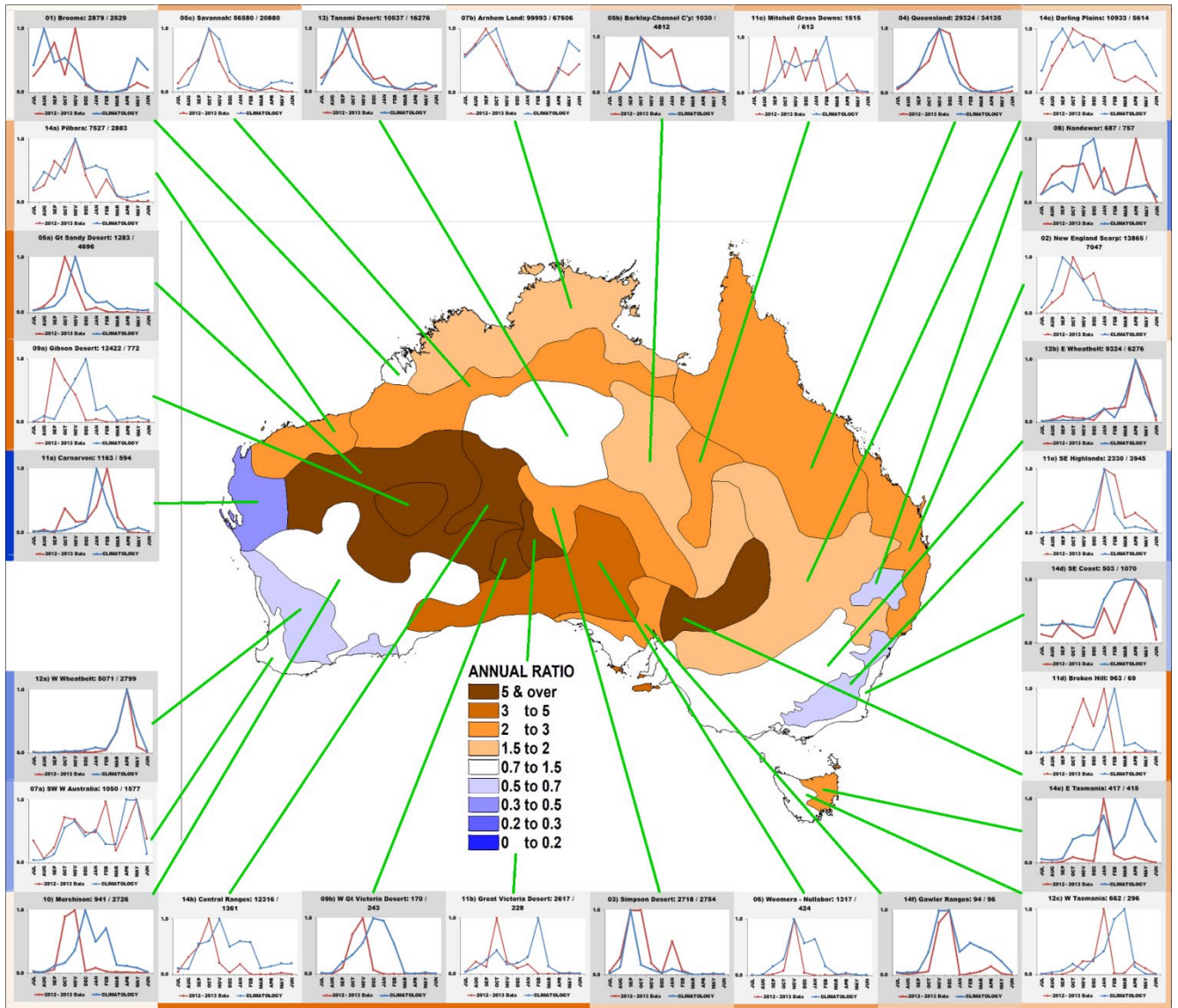
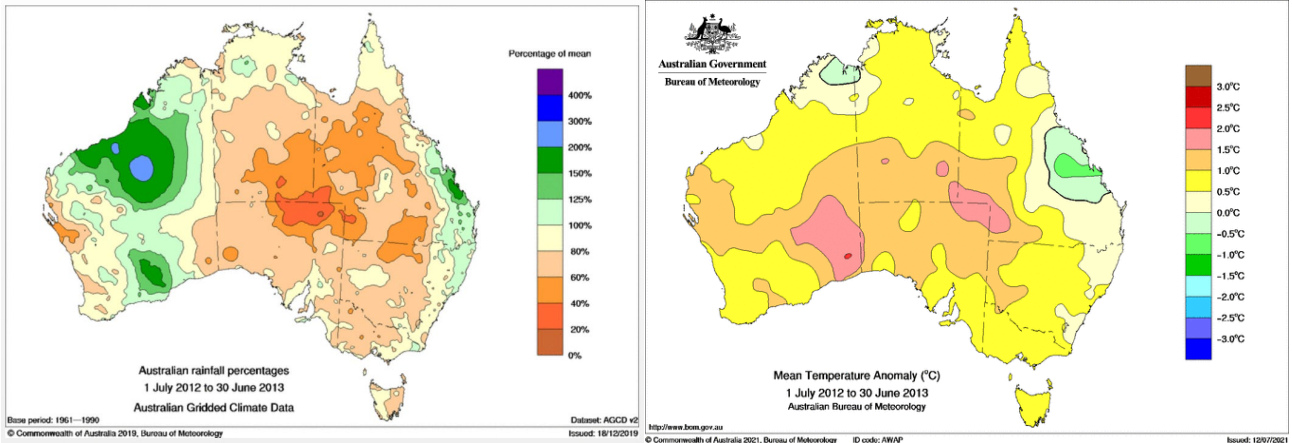
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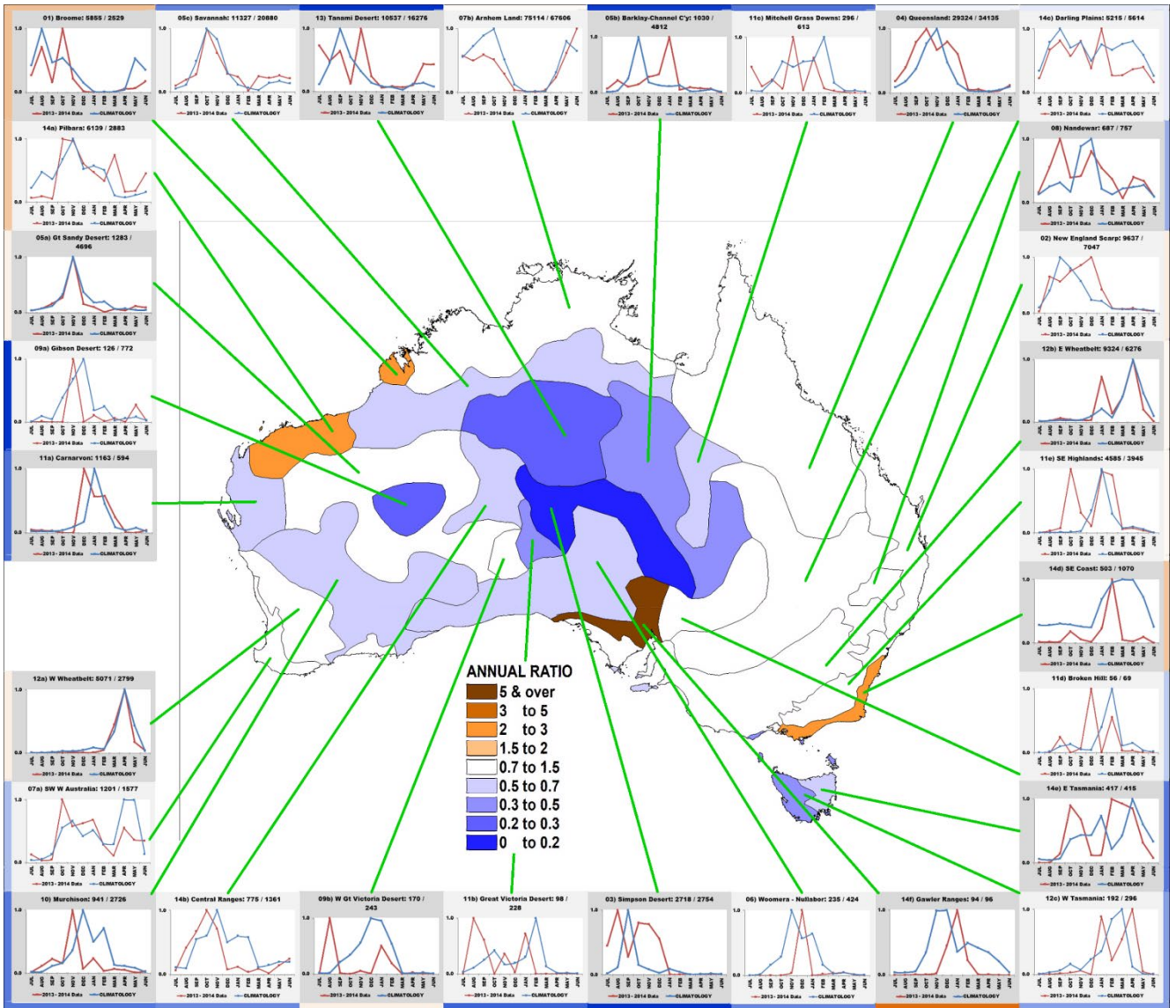
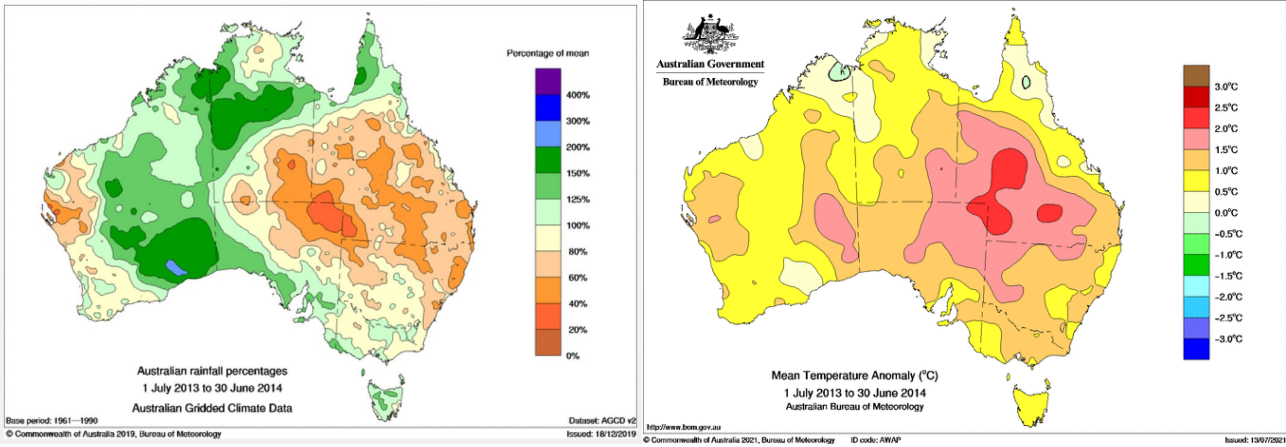
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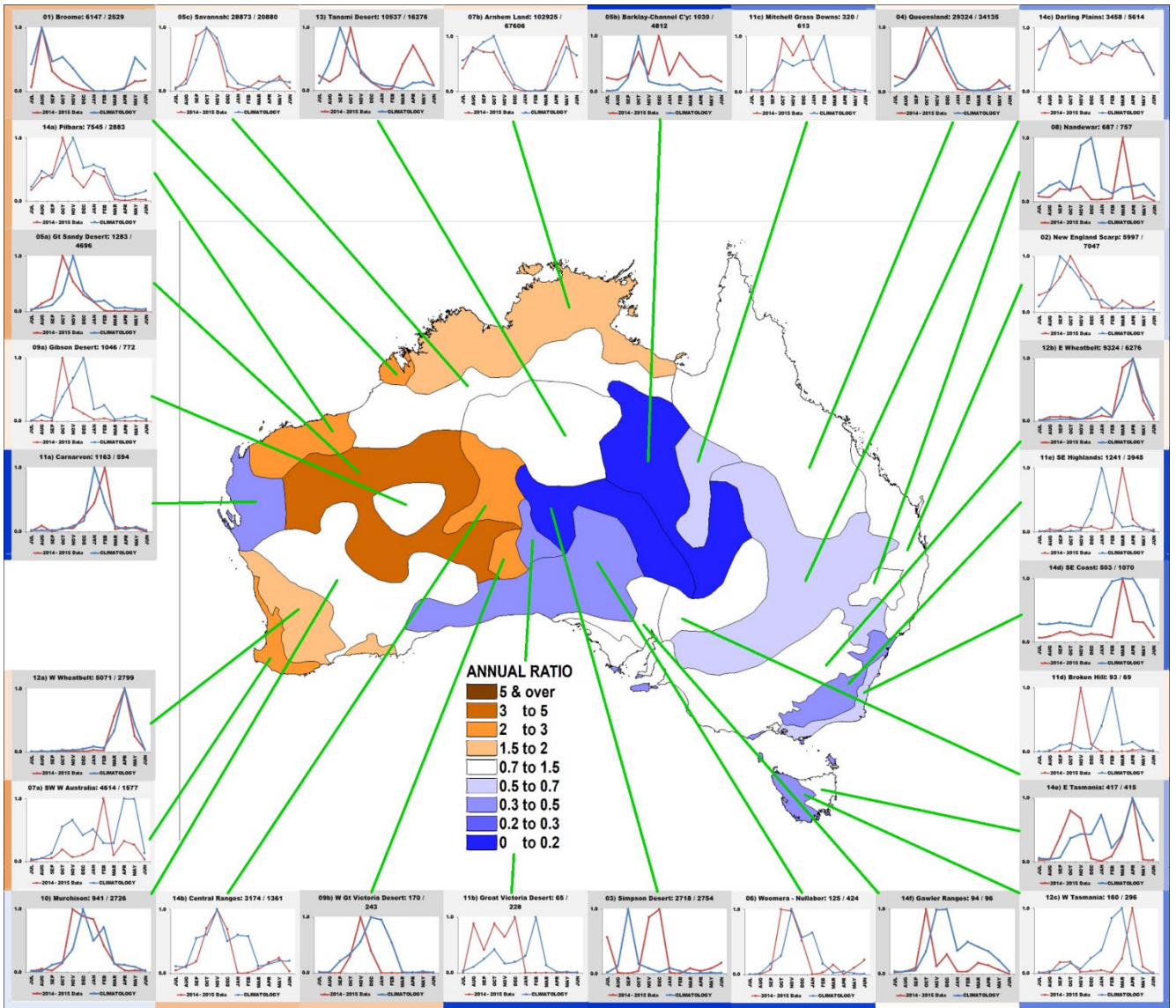
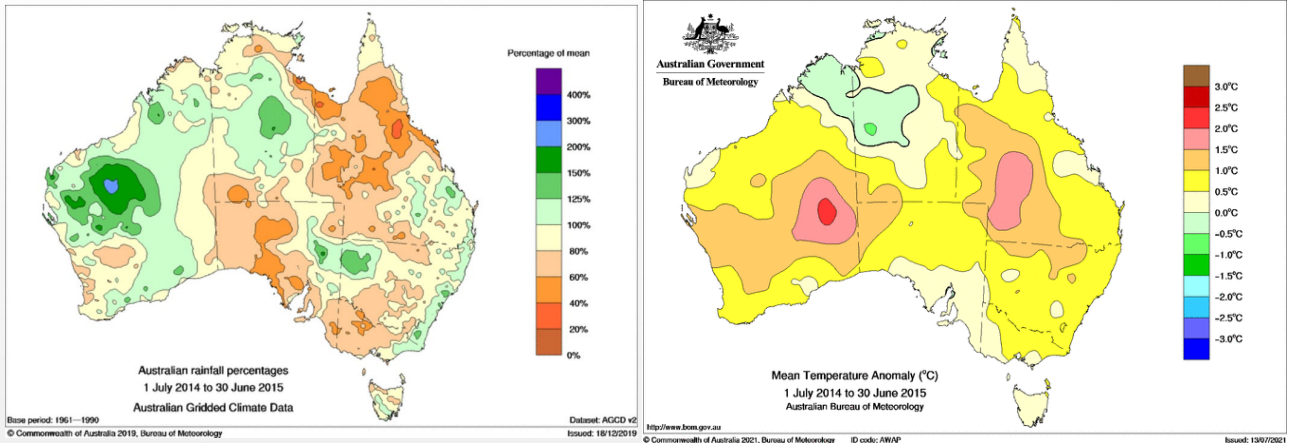
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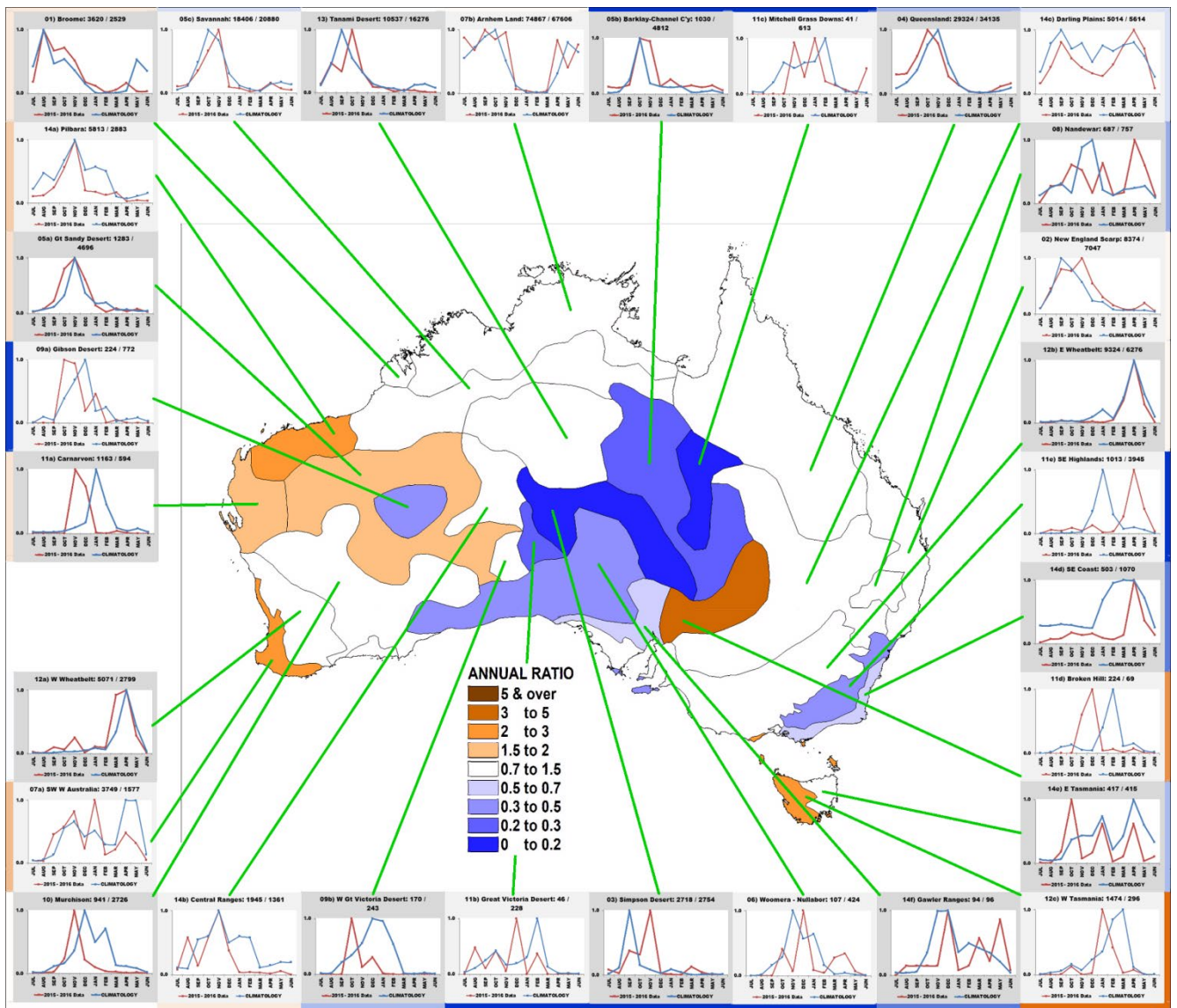
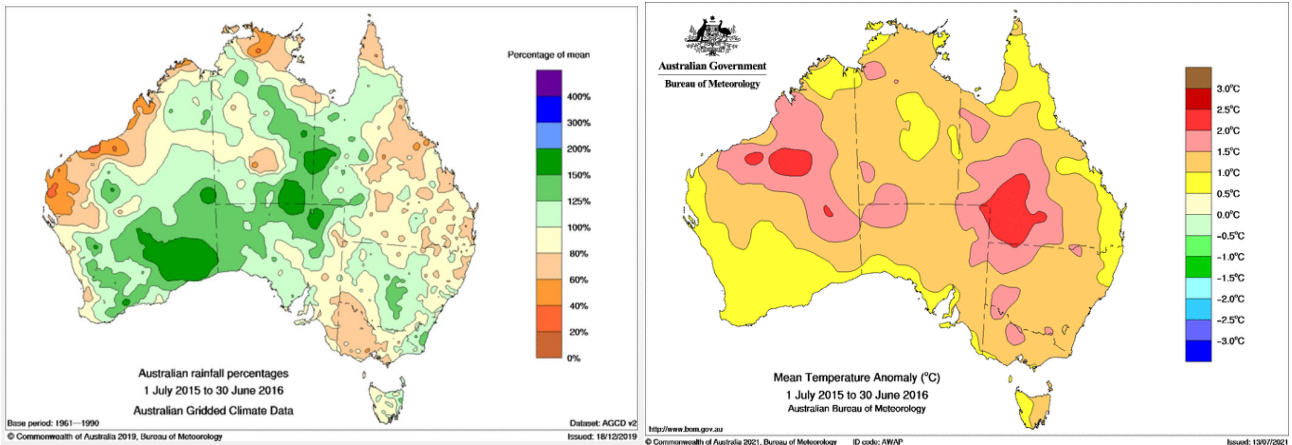
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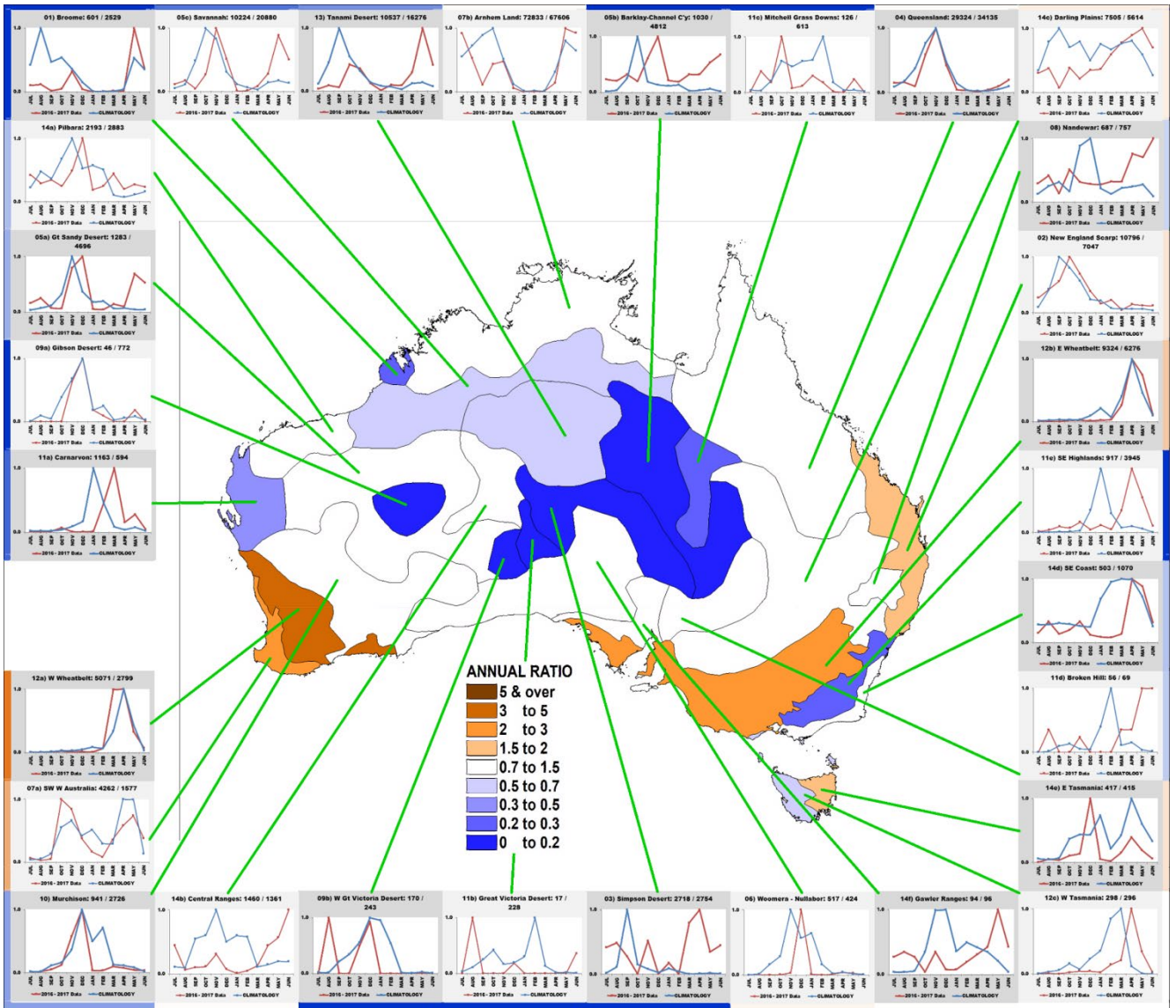
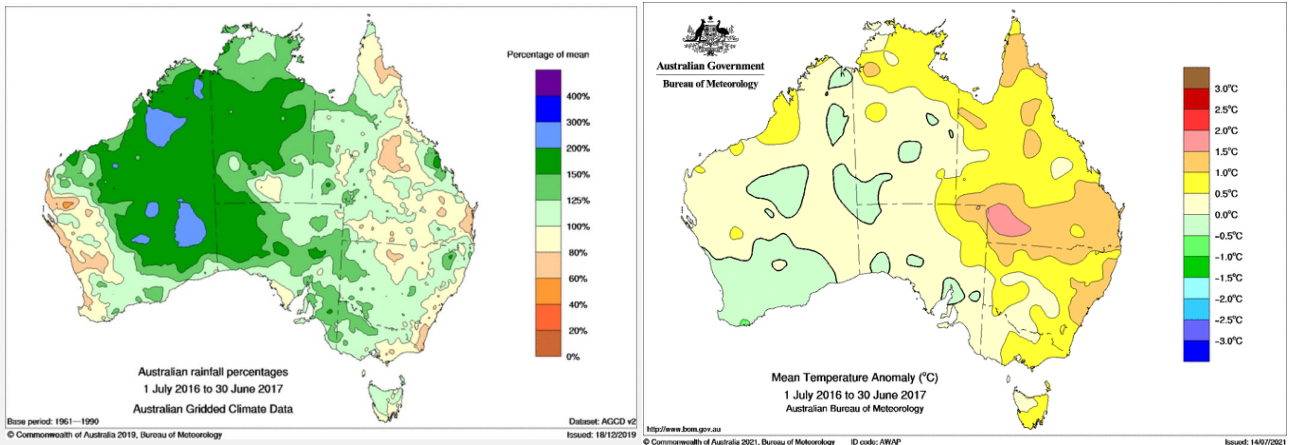
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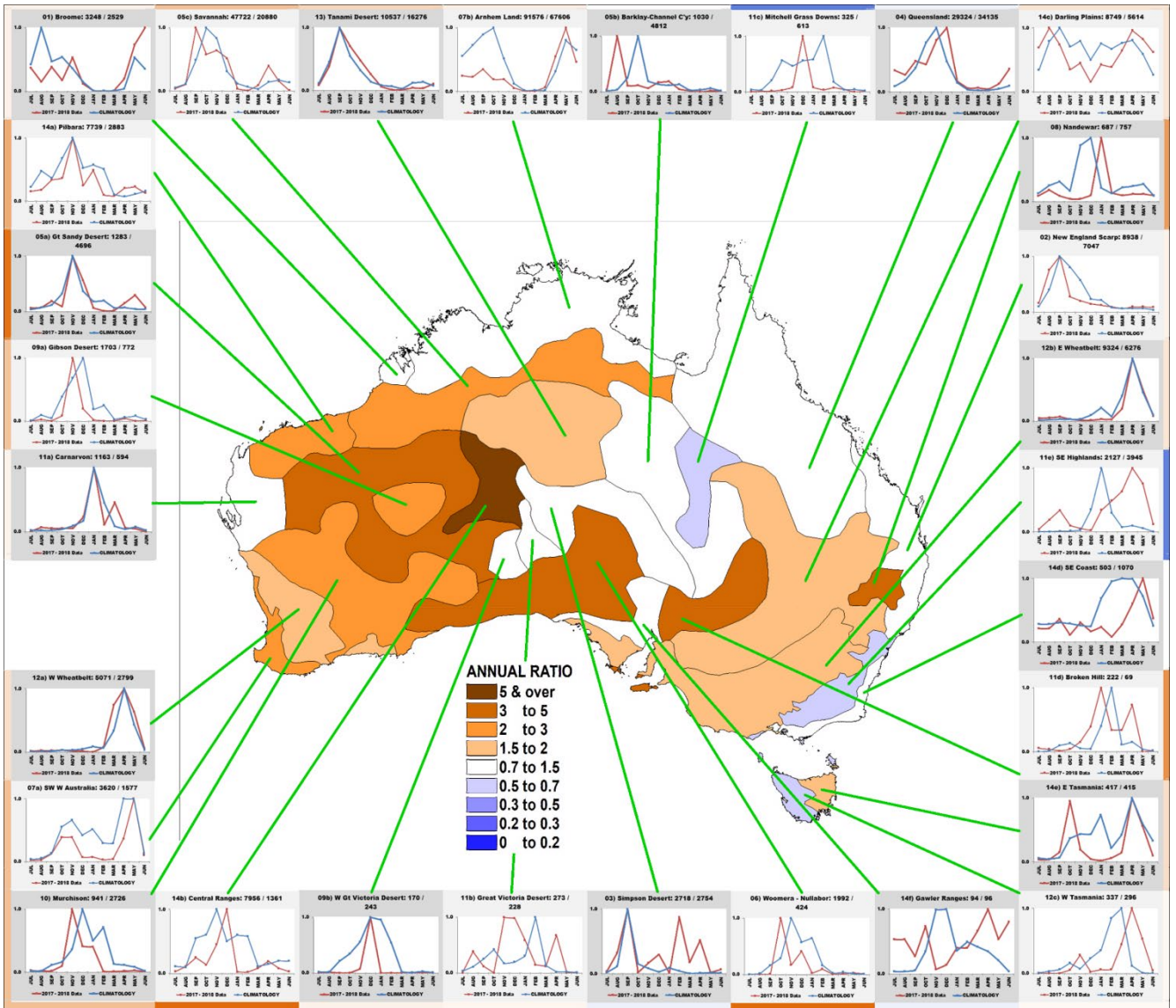
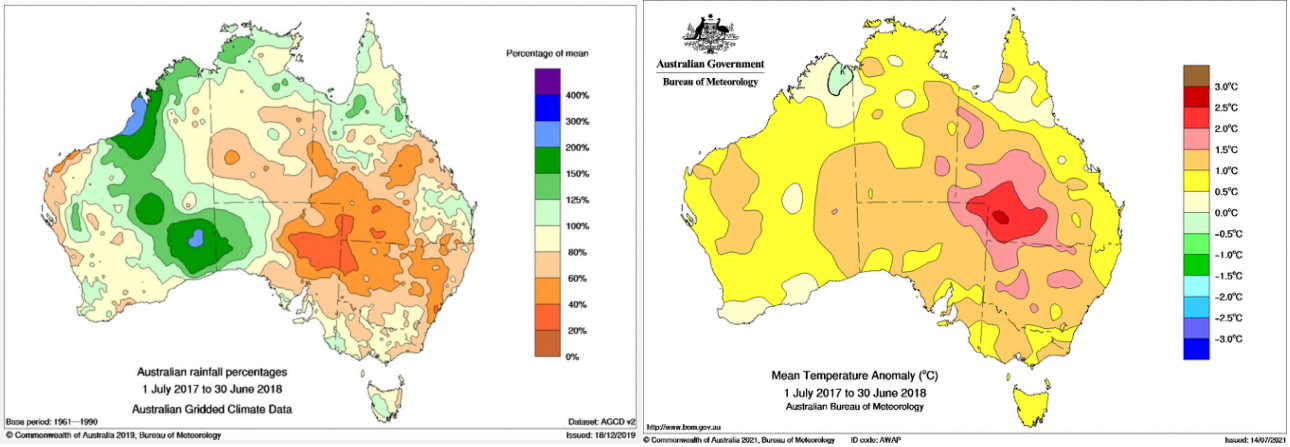
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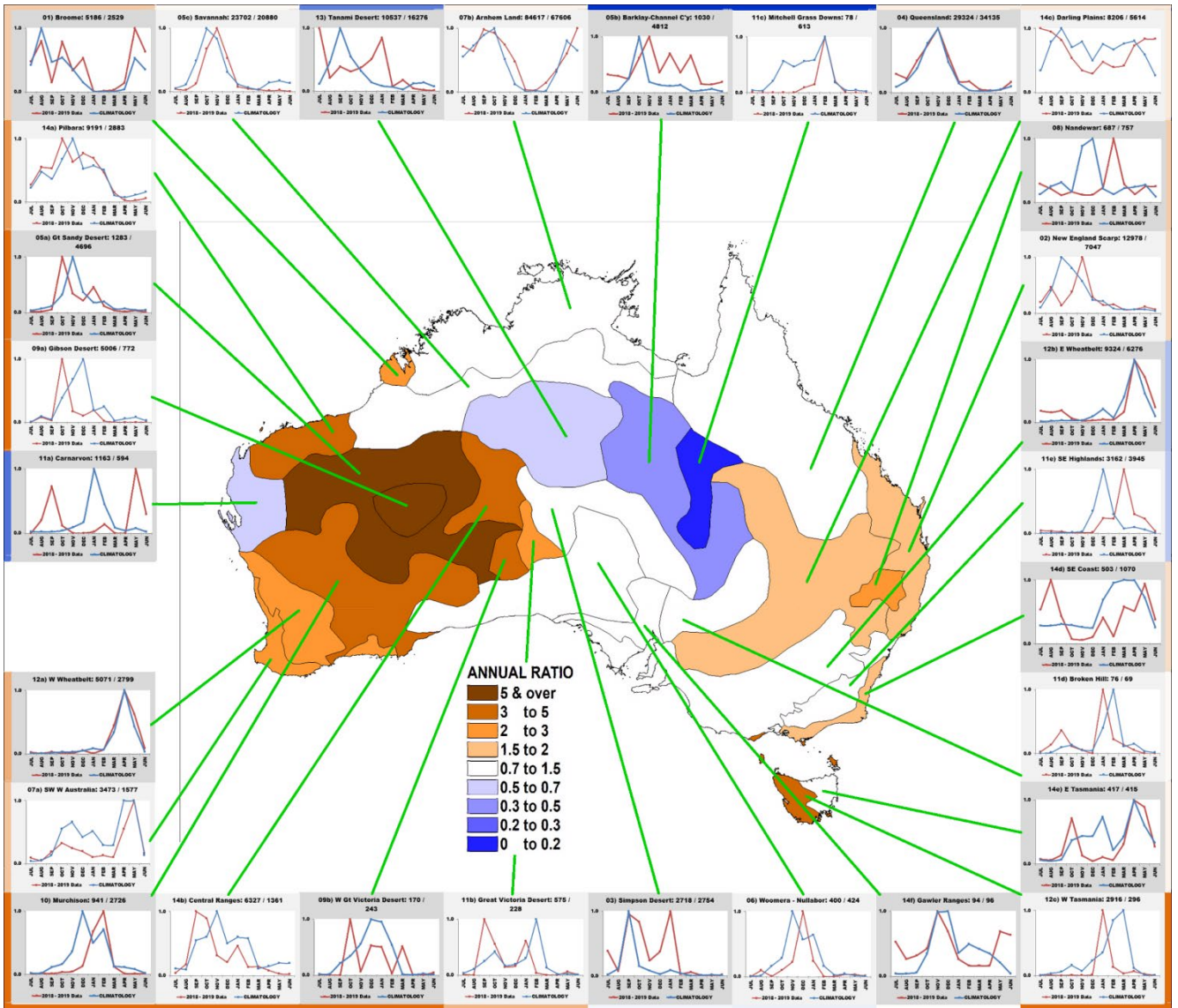
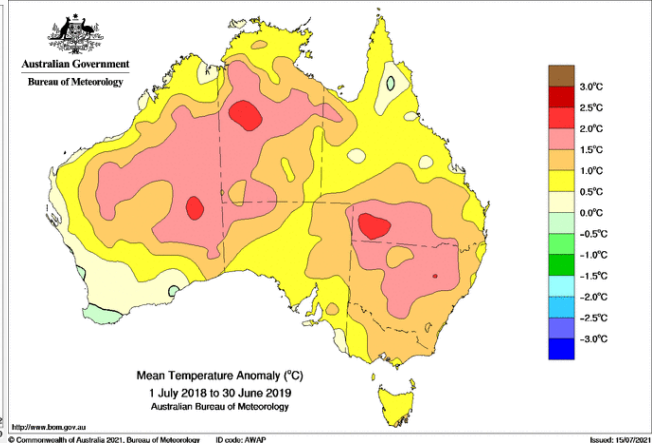
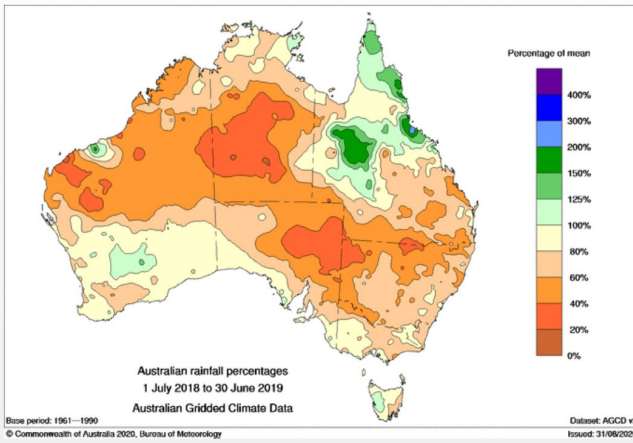
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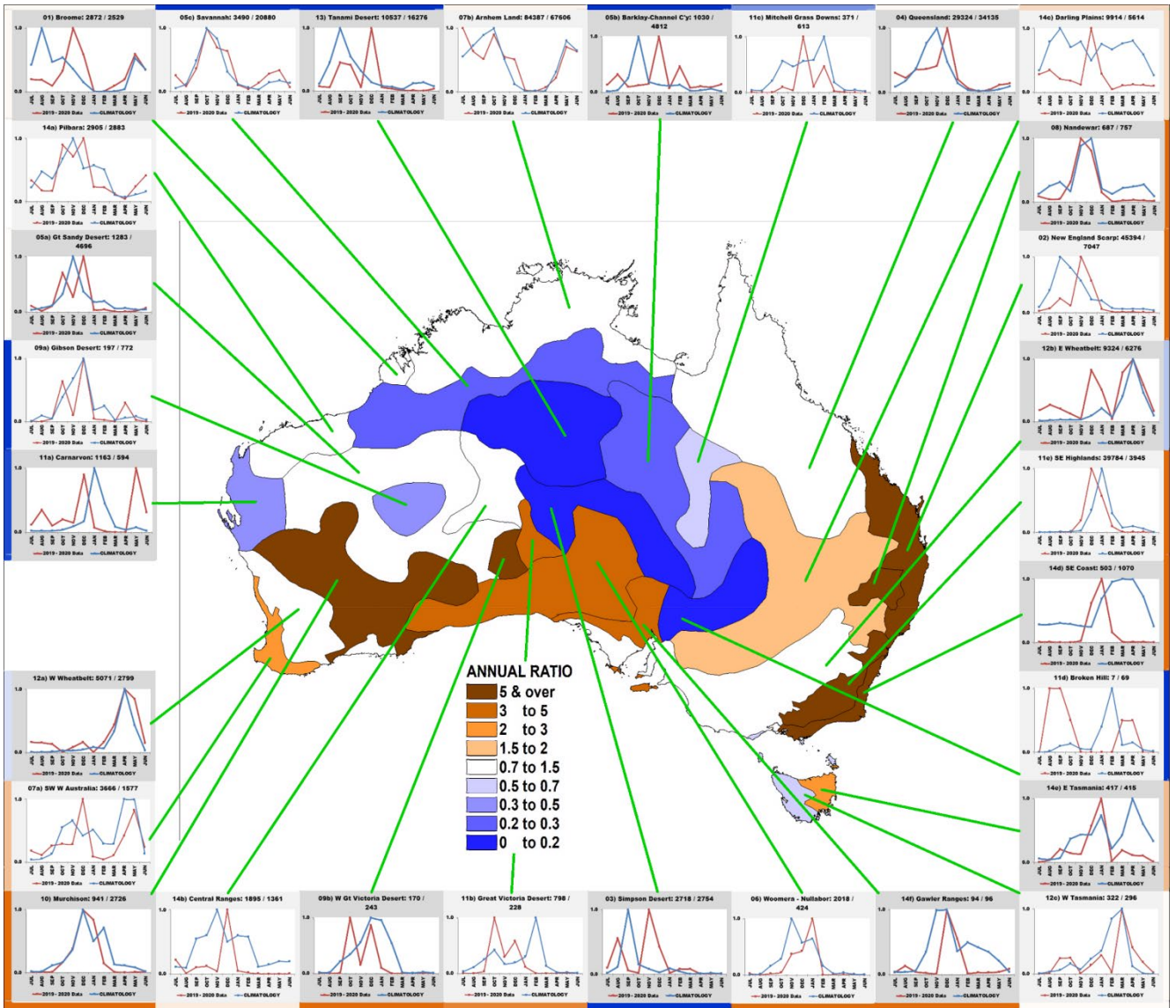
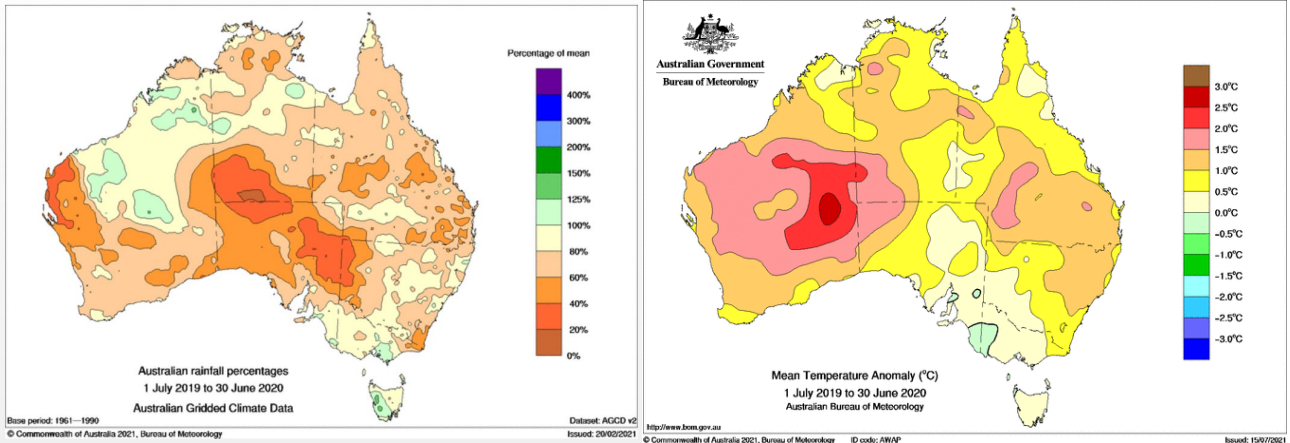
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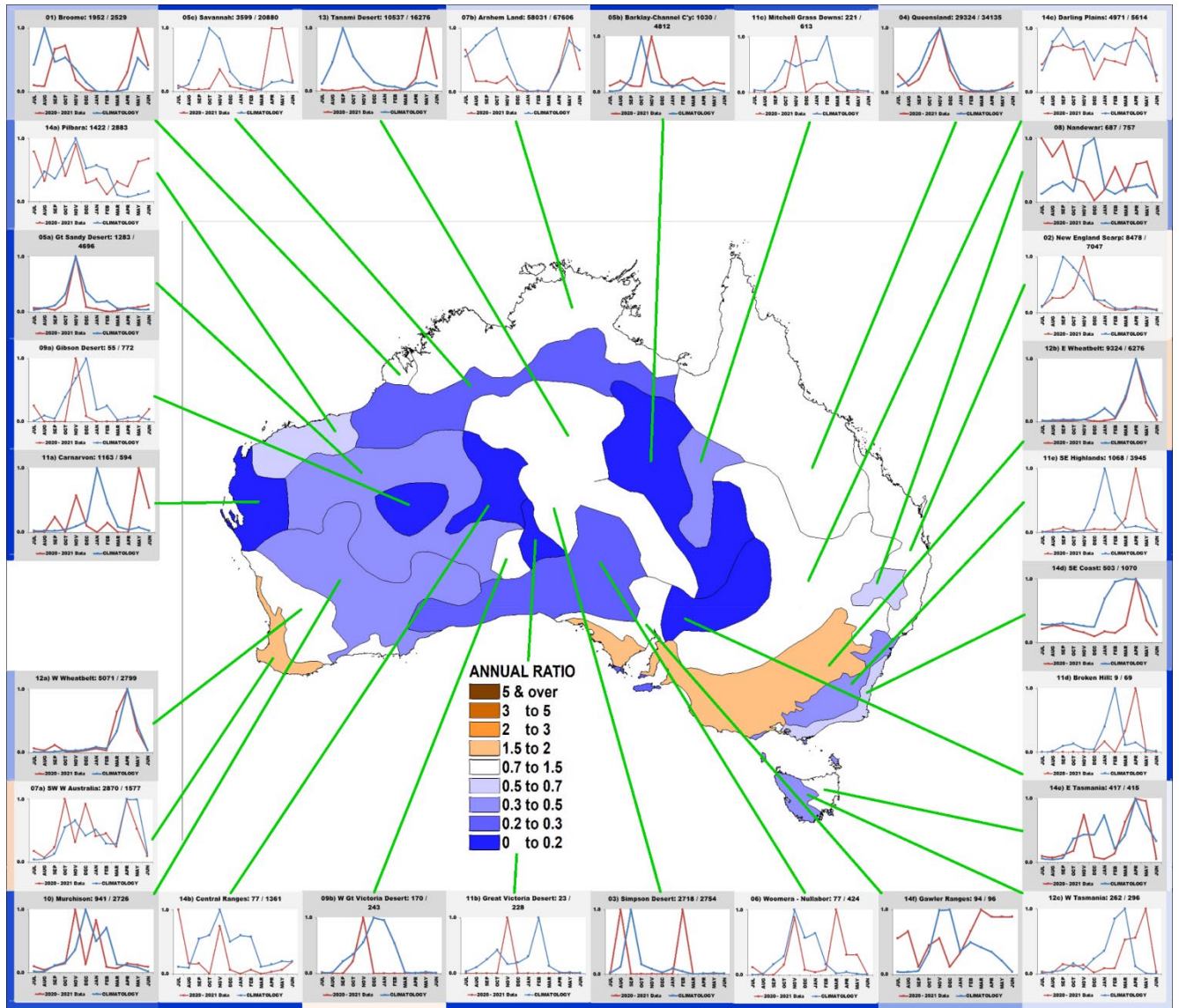
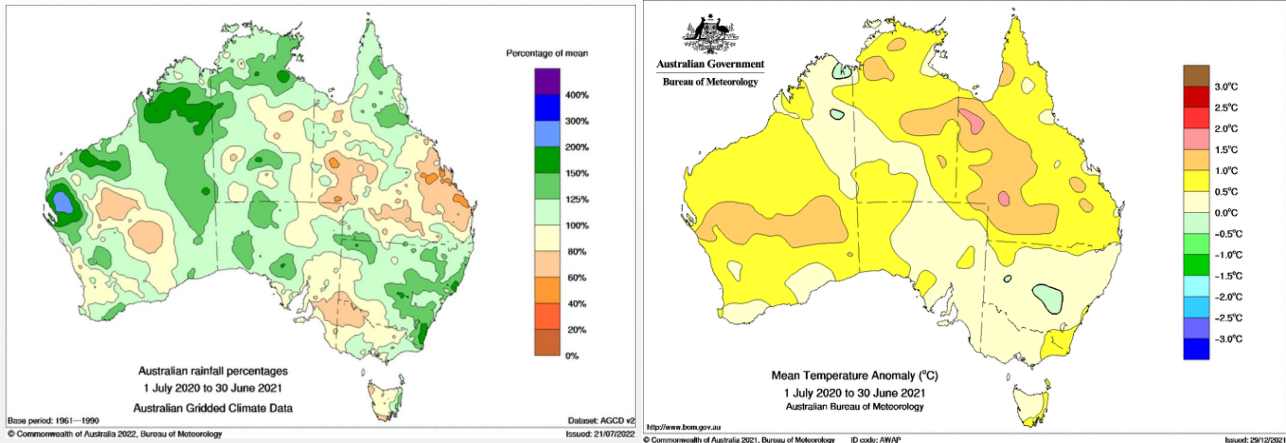
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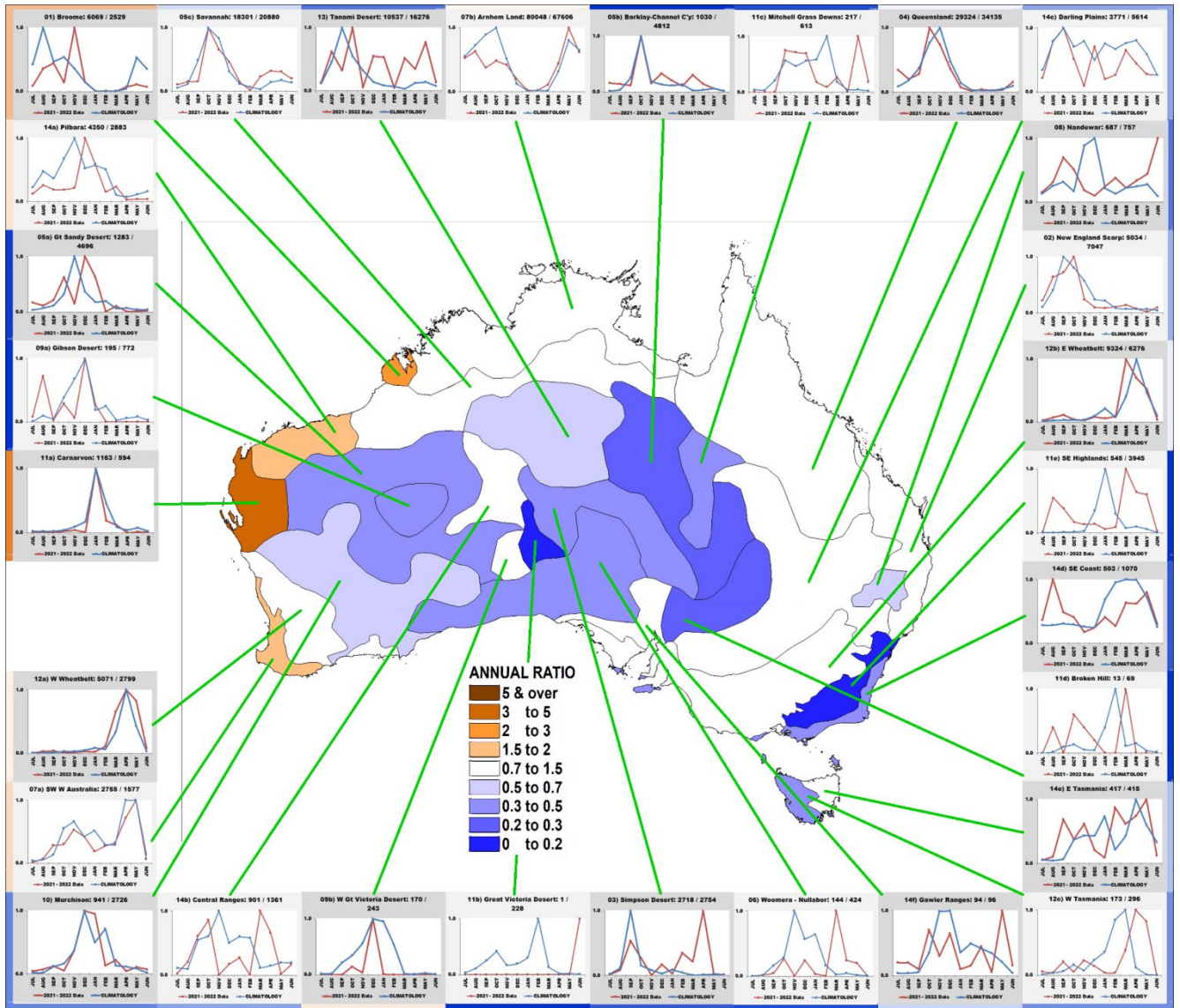
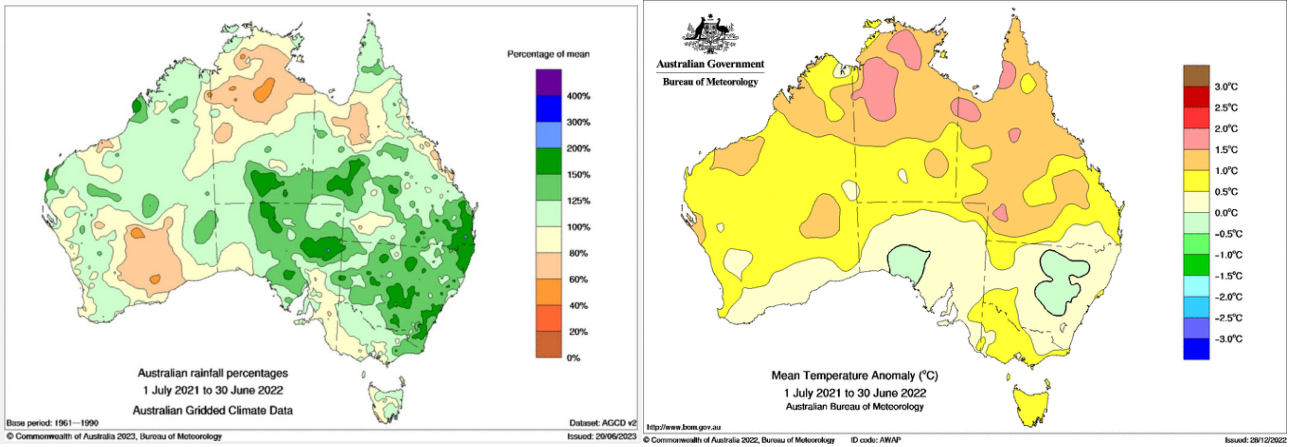
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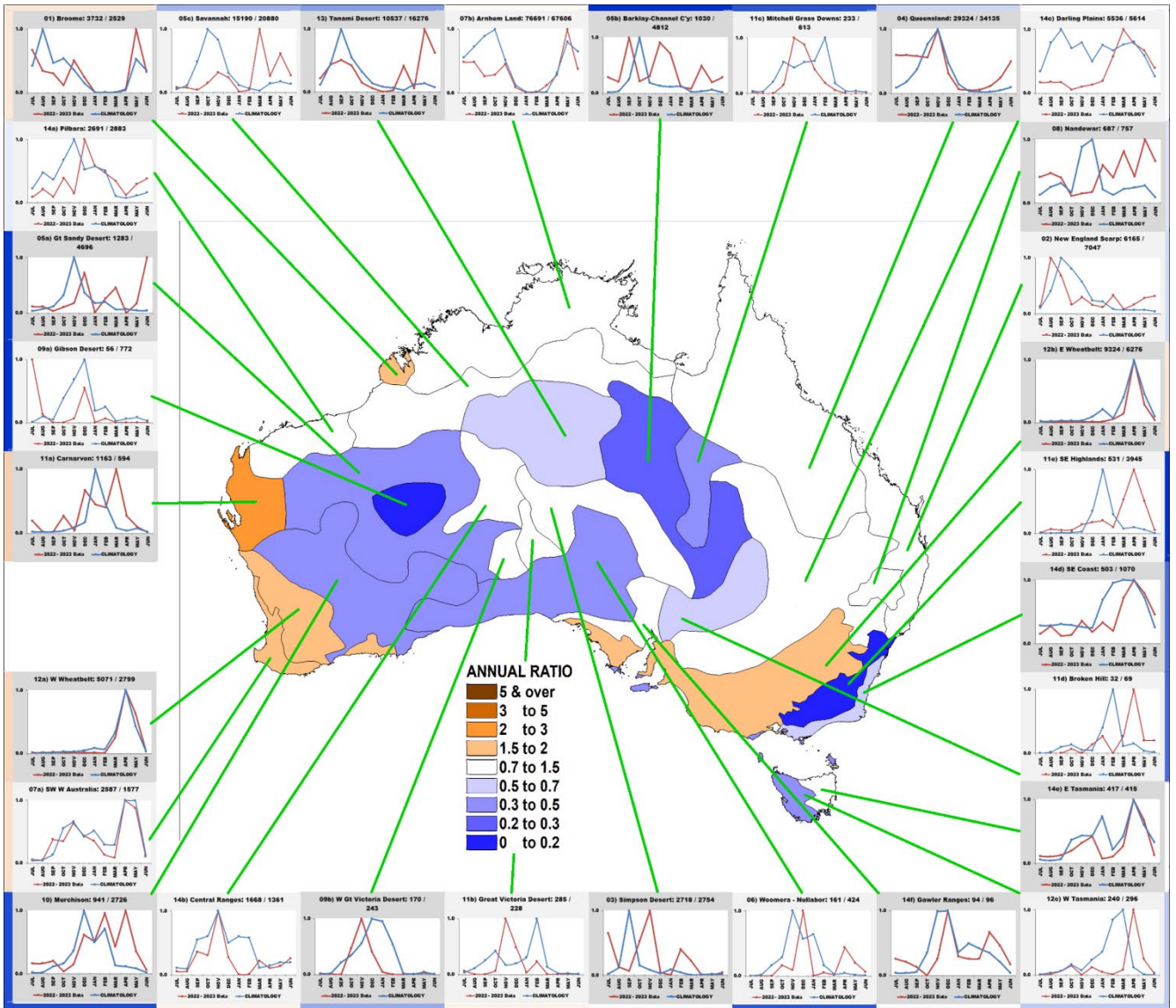
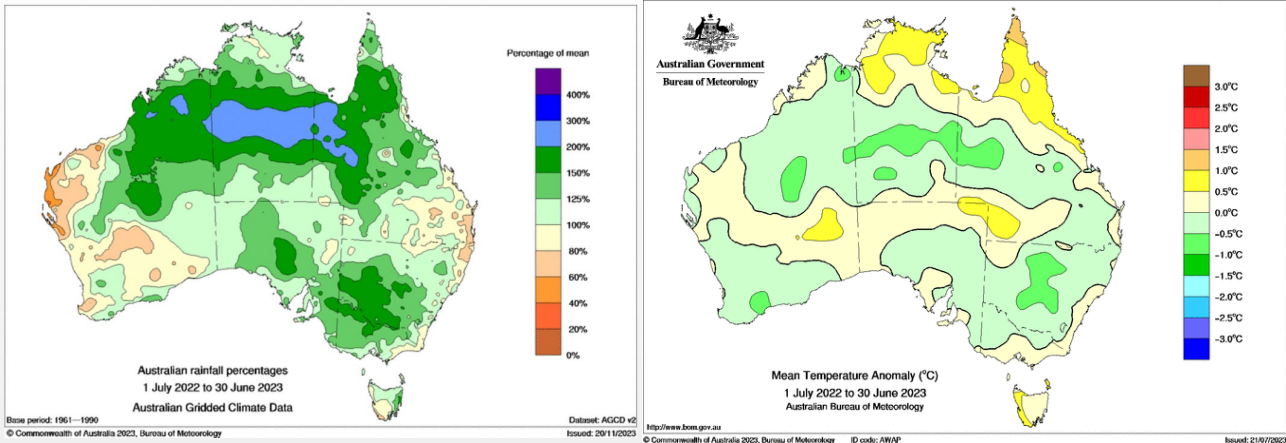
FIRE YEAR 2020/2021



FIRE YEAR 2021/2022



FIRE YEAR 2022/2023



FIRE YEAR 2023/2024

