

# THE AUTUMN FORECAST

## FOR THE MDB REGIONS 2022

As predicted by Kevin Long

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Forecasts for your local region are available via my subscription forecast service at \$200 p.a.

For further information: **VIEW THE 3-MINUTE VIDEO** [www.TheLongView.com.au](http://www.TheLongView.com.au)

### A BRIEF SUMMARY OF THE PRESENT CLIMATE DRIVERS ... VERY POSITIVE FOR RAINFALL

- La Nina is still a major force. Warm "Sea Surface Temperatures" (SST) still dominate most areas around Australia.
- On 24th Feb, the Antarctic Sea ice set a new "low record" for the last four decades.
- Negative IOD continues to drive above-average moisture levels across most of Australia.
- Southern Lunar Air Tides will enhance rain events during the first week of each Autumn month, as well as June.
- The combination of the above drivers is forecast to produce an above-average and very early Autumn break.

### ANTARCTIC CIRCUM-POLAR VORTEX

During 2021, an unusually strong circum-polar vortex developed around the Antarctic continent. This produced the coldest Antarctic Winter since 1959. This occurred due to the coldest global air mass being "corralled" over the Antarctic continent, leaving warmer moist air circulating over and melting the sea ice regions of Antarctica.

### WARMER THAN AVERAGE SOUTHERN SEAS HELPED PRODUCE ABOVE-AVERAGE RAIN

During the last 6 months warm anomalies in the Southern Oceans introduced extra atmospheric moisture into the southern circulation system. This helped to drive an early start to the sea ice melt season, which has now produced a new "low record" of only 1.98 million sq km, left floating around Antarctica in late Summer this year.

This extra southern moisture - combining with the extra IOD and La Nina moisture - has continued to produce many concentrated, slow-moving storm events across many regions of Australia since the beginning of Winter 2021.

### CLIMATIC DRIVERS FOR THE LAST HALF OF 2022

- Weak planetary forces and the drier "transition phase" of the Lunar Air Tides will be providing a negative rain force during Winter.
- The strongest planetary forces (involving most of the planets) will come into play during Spring and Summer.
- Surges of moisture originating from the equatorial regions will be delivered into the southern half of Australia by the Northeast Air Tides, during the New Moon periods of Spring.
- The drier "transition phase" of the Lunar Air Tide Cycle will again help to reduce general rainfall during Summer.

### THE AUTUMN FORECAST

**IN BRIEF: An early and above-average Autumn break.**

Jetstreams enhanced by the moist IOD will help feed the continuing La Nina event. Therefore (with the help of the Southern Air Tides) the first week of each Autumn month is forecast to deliver above-average rain across most regions of the MDB.

Autumn and Spring will receive above-average rain, but Winter and Summer rains will be a little below average. Hence, another above-average growing season is likely, with very good commodity prices again this season.

The southern regions of Australia should receive good general rain, driven in by the Southern Air Tides. However, north of the Great Divide may become a little drier during Winter, with the central and the northern MDB regions receiving little rain during July and August.

On average, I estimate the MDB will receive about 120% rainfall, mainly from a few concentrated storm events.

I wish you all good luck for another very promising growing season. Kind regards, Kevin

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