THE SUMMER FORECAST FOR THE MDB REGIONS 2024



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A WEAKENING "EL NINO" ANOMALY FOR THE SUMMER

During Spring, El Nino forces were sitting stable at about 75% of the usual maximum strength.

Recent warming of local Sea Surface Temperatures and flood rains indicate <u>better general rains are developing</u>.

Most ENSO models indicate that El Nino will weaken further during this Summer.

"EL NINO" CANCELLED OUT THE STRONGEST PLANETARY GRAVITY FORCES OF THIS CENTURY

There was no discernible positive effect on our weather from the August planetary alignment (i.e. Sun, Venus, Earth, and Saturn), nor the early-November alignment (i.e. Mars, Mercury, the Sun, Earth, Jupiter and Uranus).

This is not a good sign for our Summer rains, as we are moving away from these positive planetary forces and into negative planetary forces for the next nine months. Hence a small negative rain force should be factored in.

LUNAR CYCLE FORCES CAUSED MORE HEAVY RAIN

In southeast Australia, heavy Spring rains in early October and late November resulted from strong anomalies (i.e. a combination of Lunar Air Tides, record low Antarctic Sea ice and warm SST's near east Gippsland).

Similar to Spring 2022, flood rains of more than 200mm fell during two short periods, caused by these forces. I was amazed to see this extremely heavy rain falling again during this El Nino year, while much of Australia remains severely drought affected!

These climatic extremes serve to highlight just how influential the lunar forces are on our weather. Hence, we should be prepared during Summer to be influenced by the "drier transition phase" of this lunar cycle.

The key to this drying force is that the Summer New Moons will be coinciding with the lunar equatorial crossings. Therefore, minimal moisture will be drawn southward from the equator during this coming Summer period.

GLOBAL TEMPERATURES HAVE RISEN AGAIN

Another round of new record-high global temperatures has been produced by the combination of El Nino with record low Antarctic Sea ice and the high-altitude moisture left over from the 2022 Tongan volcano eruption.

Usually, the highest global temperatures are recorded during the southern hemisphere Summer. That is when the Earth is closest to the Sun (i.e. currently on 4th January each year).

Therefore, I expect many media reports of the "MAN MADE CLIMATE CHANGE HOAX" to emerge following the last three months of record temperatures.

THE SUMMER FORECAST IN BRIEF: About average Summer rain.

- A building cycle of productive thunderstorms to deliver several concentrated Summer rains events.
- Summer rainfall totals are forecast to be generally average across most MDB regions.
- The best summer rains will most likely fall close to the Summer New Moon periods.
- An extreme risk of major bush fires during January and February for the southern half of Australia
- Maximum irrigation allocations and low water prices are locked in for this season.

Southern Lunar Air tide peaks to produce good early-Autumn rains across southern Australia.

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