

# AUTUMN FORECAST 2020

## EASTERN AUSTRALIA

As predicted by Kevin Long (Bendigo VIC) 3 March 2020 ph (03) 5441 2394



Please consider my \$200 per year “**SUBSCRIPTION SERVICE**”. You may receive email updates on changing conditions within the season, as well as emerging trends. Personal phone support is also included if required.

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### A BRIEF SUMMARY OF THE SUMMER SEASON

- The tropical eastern half of the MDB has received some very encouraging monsoon rains since Christmas.
- Most of Victoria received about average Summer rainfall, with concentrated thunder storms hitting some regions.
- January temperatures in eastern Australia were about 4° C cooler than January 2019
- The NSW coastal drought has been smashed by very heavy rains of about 500mm total since the start of the year.
- Victoria’s irrigators have been granted about 65% allocation for this season so far, leaving little for next year.

### IMPROVED AUTUMN OUTLOOK DUE TO WARM SEA SURFACE TEMPERATURES ALONG THE EAST COAST

After years of studying the eastern Australian climate drivers, I now believe only very warm local Sea Surface Temperatures (SST) such as we currently have can counter the strong cyclic drought drivers that are currently dominating our climate.

Four natural dry climate drivers are now working in unison to minimise most rain events for eastern Australia during 2020:

- **lowest lunar cycle forces** combined with the **lowest planetary forces** (producing a 297-year intense drought force)
- **lowest sunspot cycle** forces for 200 years bringing on global cooling trends, including **growing sea ice cycles**.

Some very good early signs of a move back towards **La Nina** may counter some of those drought forces.

The dry general conditions of the last four years indicates we are indeed in the beginning of the next Mega-Drought cycle. The driest years of this extended drought are likely to impact the years through to 2028, with only one or two about average rainfall years occurring during the best La Nina years of that period.

### RAIN MAKERS FOR THIS YEAR

- Jan-March will be impacted by the drier “transition phase” of the Lunar Air Tide Cycle. This has been minimizing the monsoon rain events for the Top End, producing a very late and generally poor wet season once again this year.
- Mid-Autumn to July is forecast to deliver the best of the southern growing season rains. This main rain-producing period of 2020 will be reliant on the peak forces of only the Southern Air Tides, and then about six weeks later a short positive planetary force, driven by Jupiter and Saturn. However this positive planetary rain force will be counter-balanced by the drier transition phase of the Lunar Air Tides.
- Mid-Winter and the early Spring will need very warm local SST to counter the drier Lunar Air Tide Transition Phase if another failed growing season is to be avoided in the lower regions of the MDB.

### AUTUMN FORECAST **IN BRIEF: Good thunder storms to kick off the year. Average MDB rain in Autumn.**

The strongest Southern Lunar Air Tides for this year will help rainfall development during late-April and late May. The dryer “transition phase” of the Lunar Air Tide Cycle will likely reduce rainfall totals during late Winter / early Spring. Warm SST along the east coastal regions and in the Bight will be pivotal for a productive growing season in the MDB.

There are still four major drought drivers working behind the scenes. Therefore, only well developed La Nina conditions will provide enough moisture flow during this Winter to keep the small rain events coming through each month.

Climatic effects and massive heat signatures of volcanic activity near NZ in early December 2019 are still settling down. Over Summer, these provided an initial negative force, then some positive forces along the east coast of Australia.

If we are very lucky, the massive sea surface heating from the NZ volcanic activity may settle down into a la Nina cycle.

The instability still present makes it very difficult to predict the developing climate trends for later this year, so I will decline at this stage to give an estimate of the total rainfall trends for the rest of this year.

I wish you all the best for the winter growing season. Kind regards, Kevin.

For more information: [www.TheLongView.com.au](http://www.TheLongView.com.au)