







Large scale climate background

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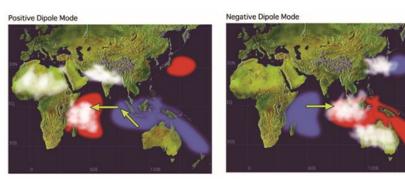
Regional Outlook Forum for South-West Indian Ocean countries

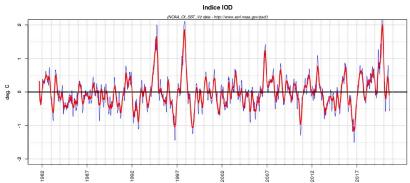
September 20-23 2021 - WebConference -

What are the most relevant climate drivers

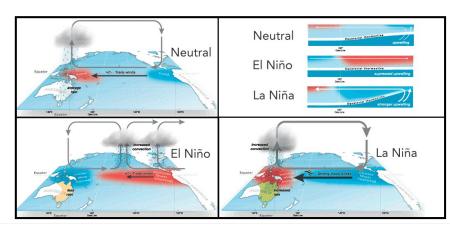
Sources of climate variability at seasonal scale mainly lies in the tropical ocean

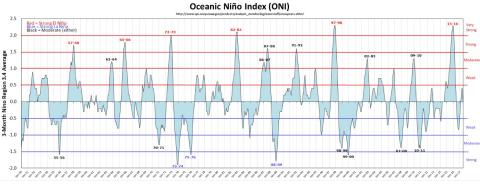
IOD/SIOD in the Indian ocean



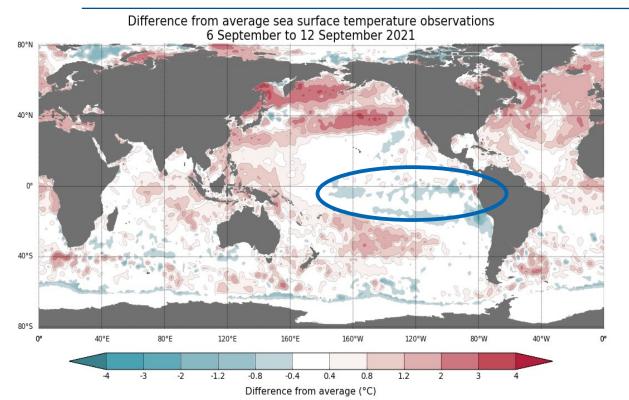


ENSO in the Pacific



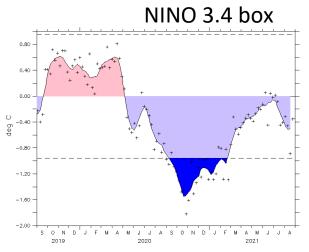


Climate drivers : ENSO (pacific)

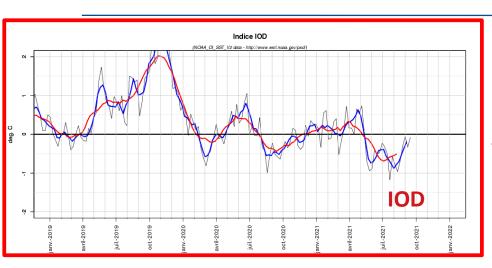


Data: BOM SST Climatology baseline: 1961 to 1990 © Commonwealth of Australia 2021, Australian Bureau of Meteorology

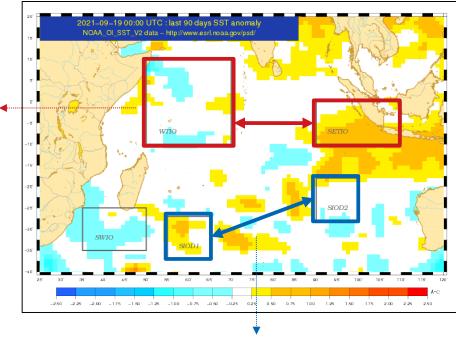
Weekly average: 12 September 2021 http://www.bom.gov.au/climate Created: 13/09/2021 ENSO currently neutral but recent cooling observed in the Pacific

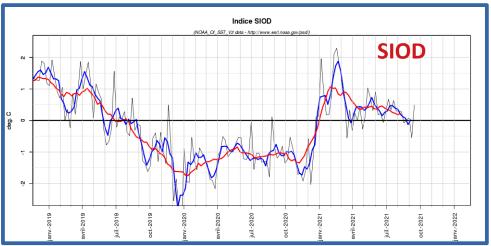


Climate drivers: IOD/SIOD (Indian Ocean)



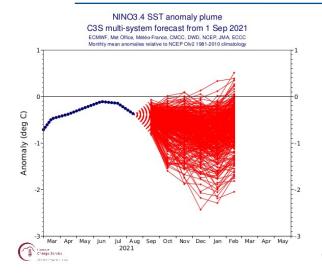
Negative IOD event observed during last winter season (JJA). Peak of the event in august. Currently weakening (values back in neutral conditions recently).

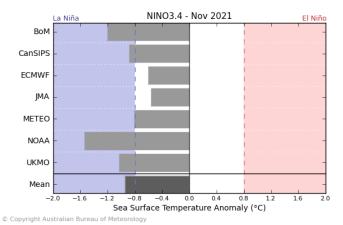




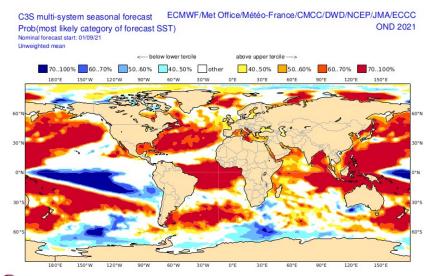
SIOD currently neutral

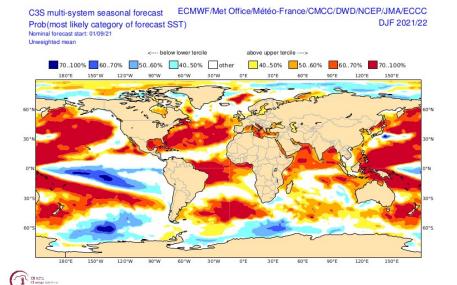
Climate drivers: ENSO latest forecast





La Ninã threshold is likely (50-70%) to be exceeded from november until the end of the year.

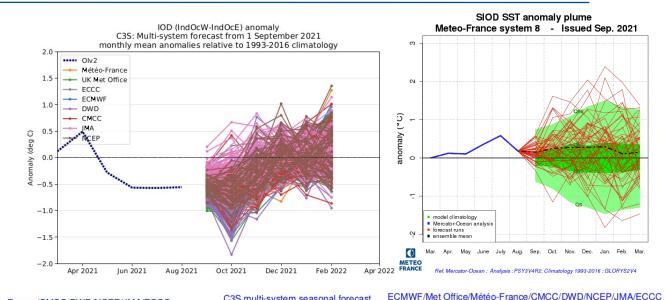


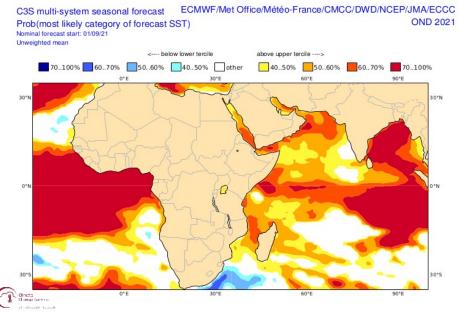


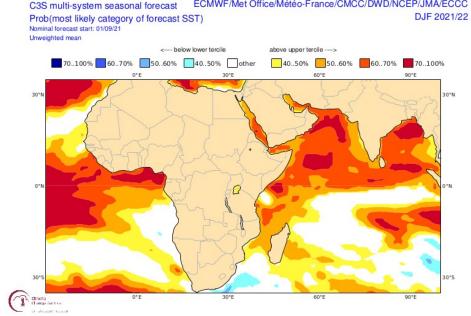


Climate drivers: IOD/SIOD latest forecast

IOD back in neutral values by oct-nov. Positive SIOD event likely by the end of the year.

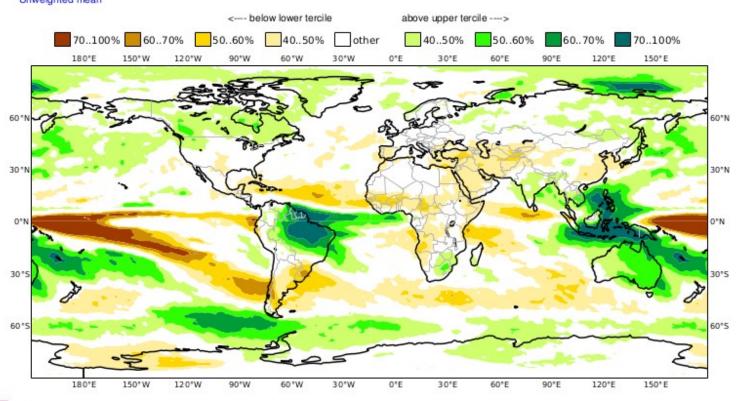






Impact of these climate drivers for the coming months: rainfall anomalies

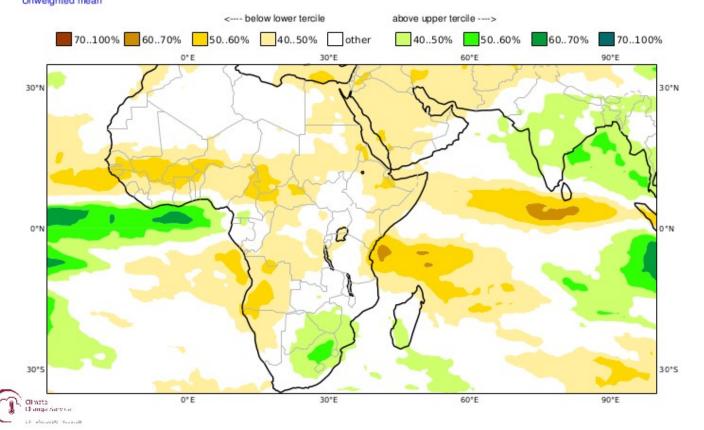
Nominal forecast start: 01/09/21 Unweighted mean





Impact of these climate drivers for the coming months: rainfall anomalies

Nominal forecast start: 01/09/21 Unweighted mean



Impact of these climate drivers for the coming months: temperature anomalies

Nominal forecast start: 01/09/21

