

**Variation of Sea Surface Temperature (SST) in the Indian Ocean During El Nino Year**

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An attempt has been made to study the variation of SST during El Nino year and normal year over the Indian ocean by using monthly mean Sea Surface Temperature (SST) composites. It is obvious that during El Nino year high SST ( $<29^{\circ}\text{C}$ ) field lie just over the equator and spreads over a large area in the Indian ocean as compared to normal year. The high SST areas begin to emerge from the eastern Indian ocean in the month of February. During the period from March to June area north of the equator in the Indian ocean warms very rapidly and gradually moves northward. Prior to the El Nino year, an increase in SST field is observed in the east coast of Africa. When compared to normal year, El Nino year has large area of SST which is greater than  $29^{\circ}\text{C}$  in the Indian ocean.