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Monsoon set to travel with the sun to the southern hemisphere

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The monsoon travels with the sun and will now follow its seasonal trek to the southern hemisphere, putting the Bay of Bengal into another churn to set up the monsoon in reverse (North-East monsoon) and before moving to Australia for its next biggest play in the East and Far East.

Changes in broadscale wind patterns across the tropical oceans in the region are a sign that the focus of tropical weather is starting to transition to the southern hemisphere, the Australian Bureau of Meteorology has said, citing signs of commencement of withdrawal of the Indian monsoon.

Set for withdrawal

Back home, India Meteorological Department (IMD) has maintained on Tuesday morning that conditions continue to be favourable for commence-

ment of the monsoon from Wednesday though remnant monsoonal activity continues in East and South India.

The Australian Bureau said that low-pressure systems and tropical troughs have started to appear over its surrounding seas, showing the increased solar influence in that region. Tropical troughs and changes in the trade wind pattern across the Pacific Ocean have also been apparent in recent weeks.

Southward movement

India's monsoon trough had recently moved South over water due to the southward movement of the withdrawal process. Previously, it had lain over the landmass of the subcontinent and so was not conducive to forming tropical lows and cyclones over either the Bay or the Arabian Sea.

Tropical cyclone 'Gulab' formed in the Bay before cross-

ing the coast on September 26. It had then tracked westwards across the breadth of Central India before popping out in the Arabian Sea and being renamed as 'Shaheen' that went on to become a severe cyclone and crossed the Oman coast.

'₹2,000-crore loss'

The overall impact of cyclone 'Gulab' in Andhra Pradesh and Odisha is about ₹2,000 crore, according to consultancy RMSI, a global GIS consulting company providing geospatial technology solutions, modelling and analytics and IT consultancy services

The bulk of the losses are from agriculture (about 70 per cent), followed by buildings with about 20 per cent (50 per cent residential, 32 per cent industrial and 18 per cent commercial), according to Pushendra Johari, Senior Vice-President-Sustainability at RMSI.