



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

Special Press Release

Date: 08th June, 2023

Time of Issue: 1245 hours IST

Subject: Further Advance of Southwest Monsoon with Onset of Monsoon over Kerala

- ❖ Southwest Monsoon has advanced into remaining parts of south Arabian Sea and some parts of central Arabian Sea, entire Lakshadweep area, most parts of Kerala, most parts of south Tamil Nadu, remaining parts of Comorin area, Gulf of Mannar and some more parts of southwest, central and northeast Bay of Bengal today, the 08th June 2023. Thus, Southwest Monsoon has set in over Kerala today, the 08th June, 2023 against the normal date of 01st June.
- ❖ During past 24 hours, clouding has increased over Southeast Arabian sea with Outgoing Longwave Radiation(OLR) being <200 watts/meter². The depth of westerly winds over Southeast Arabian sea extends upto middle tropospheric levels. The strength of Westerly winds in the lower levels has increased and is about 19 knots. There has been widespread rainfall over Kerala during past 24 hours. Considering all the above satisfied conditions, Southwest Monsoon has set in over Kerala today, the 08th June, 2023.
- ❖ The Northern Limit of Monsoon (NLM) now passes through lat. 13.5°N/ Long. 55°E, lat. 14.0°N/ Long. 60°E, lat. 13.5°N/ Long. 65°E, lat. 13°N/ Long. 70°E, Cannur, Kodaikanal, Adirampattinam, lat. 12.0°N/ Long. 83.0°E, 16.0°N/88.0°E, 18.5°N/90.0°E, 22.0°N/93.0°E.
- ❖ Conditions are favourable for further advance of Southwest monsoon into some more parts of central Arabian Sea, remaining parts of Kerala, some more parts of Tamil Nadu, some parts of Karnataka and some more parts of southwest, Central and northeast Bay of Bengal and some parts of northeastern states during next 48 hours.