



India Meteorological Department

Press Release
Dated: 5th June, 2015

Subject: Monsoon – 2015 onset over Kerala

India Meteorological Department has declared onset of monsoon over Kerala today i.e. on 5th June 2015.

Following conditions were observed favouring onset of monsoon over Kerala

- The rainfall over Kerala has been fairly widespread to widespread for the last 48 hours. Out of the 14 rainfall monitoring stations for Monsoon onset over Kerala, more than 70 % of stations have reported rainfall higher than 2.5 mm for last consecutive two days (4th June and 5th June). Fig. 1. shows rainfall distribution during 10th May to 5th June 2015.
- Westerly/ West-southwesterly winds of the order of 40-50 kmph were observed upto 600 hecta Pascal level (approximately upto 4.5 km above mean sea level) over south Arabian Sea (equator to Lat. 10°N and Long. 55°E to 80°E).
- The INSAT – 3D derived Outgoing Longwave Radiation (OLR) value in the box confined by Lat. 5-10°N, Long. 70-80°E is less than 200 Watt/metre² (W/m²) for consecutive last 2 days. (Fig-1)

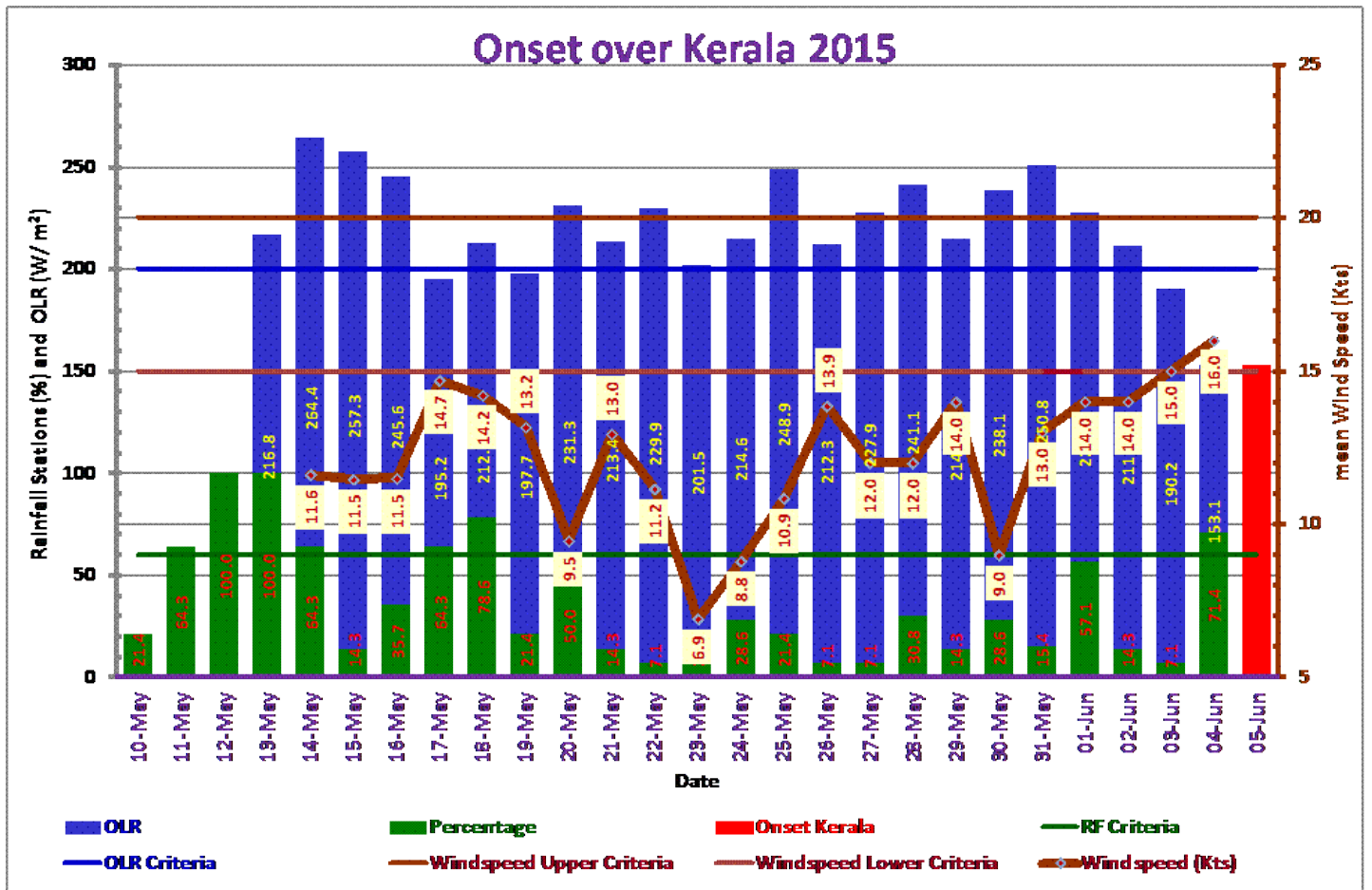


Fig-1

Status of advance of monsoon as on 5th June 2015

- Southwest Monsoon has set in over Kerala, today, the 5th June 2015 against the normal date of 1st June.
- It has further advanced into entire south Arabian Sea, some parts of Central Arabian Sea, entire Lakshadweep area and Kerala, some parts of Coastal & South Interior Karnataka and Tamil Nadu, remaining parts of southeast Bay of Bengal and some parts of central & northeast Bay of Bengal.
- The Northern Limit of Monsoon (NLM) passes through Lat. 13°N / Long. 60°E, Lat. 13°N / Long. 70°E, Mangaluru, Mysuru, Salem, Cuddalore. Lat. 14°N / Long. 86°E, Lat. 16°N / Long. 90°E and Lat. 21°N / Long. 92°E (Fig-2)

Forecast for next 48 hours

Conditions are favourable for further advance of southwest Monsoon into some more parts of central Arabian Sea, Karnataka; remaining parts of Tamil Nadu, some parts of Rayalaseema and Coastal Andhra Pradesh, some more parts of central & north Bay of Bengal and southern parts of northeastern states during next 48 hours.

Northern Limit of Monsoon

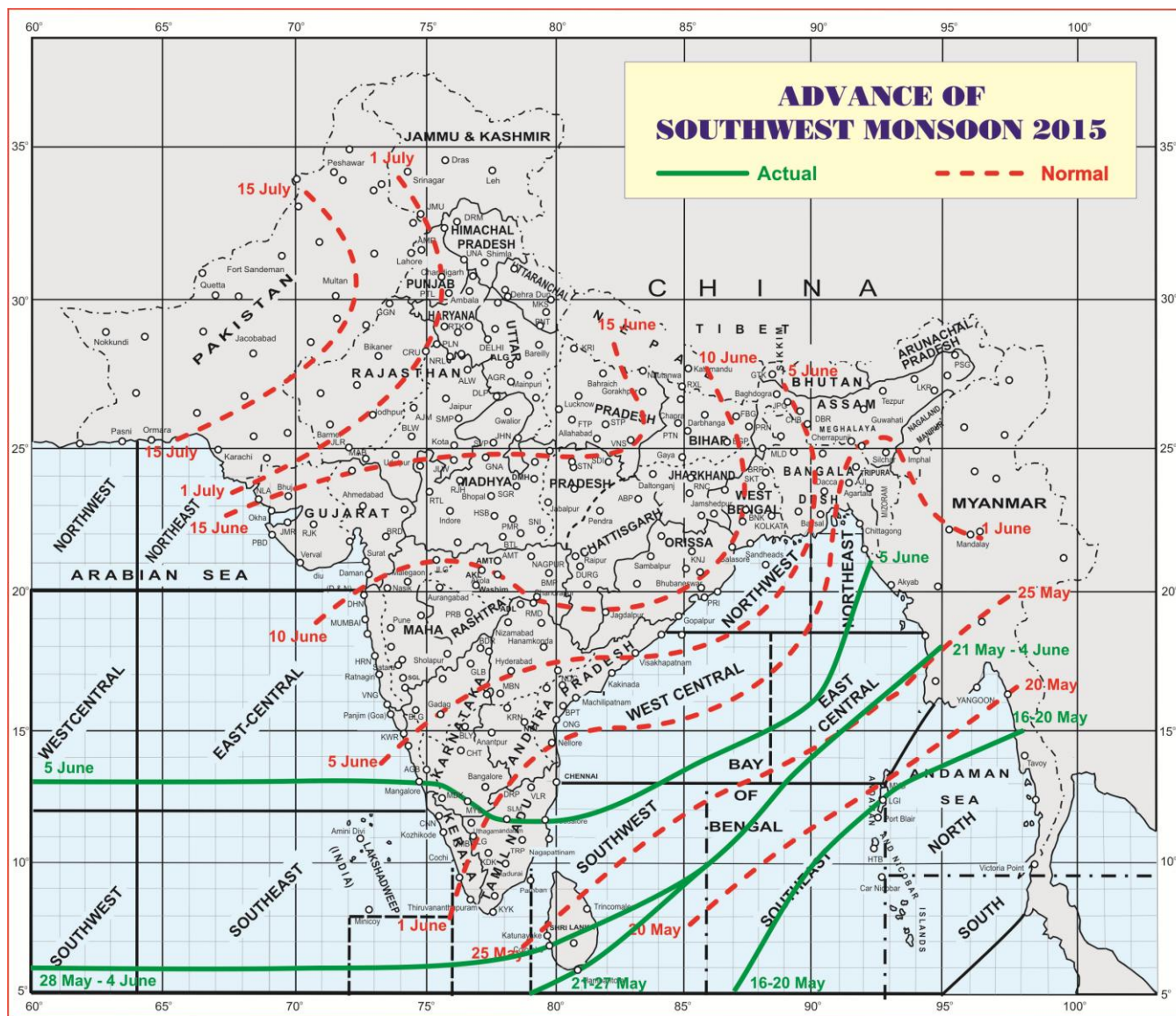


Fig-2