



**India Meteorological Department
National Weather Forecasting Centre
Mausam Bhawan, Lodi Road
New Delhi-110003**

Nowcast Guidance for next 24 hours

Date: 03 September, 2017

Time of issue: 1330 IST

RADAR and RAPID Observation:

Isolated/multiple convection was seen in DWR Kolkata, Thiruvananthapuram, Machilipatnam, Delhi, Patna, Srinagar, Mohanbari, Hyderabad and Bhopal at around 1200 hrs IST.

INSAT-3D RAPID RGB imagery at 1200hrs IST indicated convective clouds over Gangetic West Bengal, Bihar, Jharkhand, North Bihar, West MP, Meghalaya, Assam, Arunachal Pradesh, Rayalaseema, South Interior Karnataka, Kerala and Tamilnadu.

Chief Synoptic Features:

The axis of monsoon trough at mean sea level runs close to the foothills of the Himalayas.

The cyclonic circulation over SubHimalayan West Bengal & neighbourhood extending upto 1.5 km above mean sea level persists. The northsouth trough from the above cyclonic circulation to north Bay of Bengal across northwest Bangladesh & Gangetic West Bengal and extends upto 3.6 km above mean sea level.

The cyclonic circulation over Gulf of Mannar & adjoining Sri Lanka now lies over Gulf of Mannar & neighbourhood and extends upto 3.6 km above mean sea level.

The northsouth trough from Rayalaseema to south Tamilnadu extending upto 0.9 km above mean sea level persists. Another northsouth trough runs from south Madhya Maharashtra to northern parts of North Interior Karnataka at 3.1 km above mean sea level.

A fresh Western Disturbance as an upper air cyclonic circulation lies over northeast Afghanistan & adjoining Pakistan between 3.1 km and 3,6 km above mean sea level. An upper air cyclonic circulation lies over south Rajasthan & adjoining Gujarat at 3.1 km above mean sea level.

Possible areas of Rainfall and or thunderstorm activity during next 24 hours:

24 hour Advisory for IOP:

Rainfall:

Tamil Nadu, South Interior Karnataka, Rayalseema
Gangetic West Bengal, Bihar, Jharkhand
Arunachal Pradesh, Assam and Meghalaya, Nagaland, Mizoram, Manipur, Tripura
South, Himachal Pradesh,

Thunderstorm with associated phenomena:

Interior Karnataka, Coastal Andhra Pradesh, Telangana
West Madhya Pradesh, Jharkhand, Gangetic West Bengal, South Bihar
Jammu and Kashmir, Rajasthan, Punjab and Haryana

The graphical presentation of the potential area for Nowcasting:

