



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

**Nowcast Guidance for next 24 hours**

**Date: 16 September, 2017**

**Time of issue: 1630 IST**

**RAPID Observation:**

INSAT-3D RAPID RGB imagery at 1530hrs IST indicated convective clouds over Madhya Pradesh, adjoining southeast Rajasthan, Gujarat, Madhya Maharashtra, Marathawada, Kankan & Goa, Odisha, Jharkhand, Chhattisgarh, Nagaland, Manipur, Mizoram, Meghalaya, Karnataka, Coastal Andhra Pradesh, North Tamilnadu, Kerala, Lakshadweep and Andaman & Nicobar Islands.

**Chief Synoptic Features:**

- ◆ The axis of monsoon trough at mean sea level now passes through Amritsar, Ambala, Bareilly, Sidhi, Ambikapur, Paradeep and thence south-eastwards to east central Bay of Bengal.
- ◆ The upper air cyclonic circulation over east central Arabian sea off north coastal Karnataka & south Konkan coast now lies over east central Arabian sea and adjoining Karnataka and extends upto 1.5 km above mean sea level.
- ◆ The Western Disturbance as an upper air cyclonic circulation over northeast Afghanistan & neighbourhood now lies over north Pakistan & neighbourhood between 3.1 to 5.8 km above mean sea level with a trough aloft with its axis at 7.6 km above mean sea level runs roughly along Longitude 65.0°E and north of Latitude 25.0°N.
- ◆ The upper air cyclonic circulation over northwest Bay of Bengal and adjoining Gangetic West Bengal & Odisha now lies over west central Bay of Bengal and northwest & adjoining coastal areas of south Odisha & north Andhra Pradesh and extends upto 5.8 km above mean sea level tilts south-westwards with height.
  - ◆ An upper air cyclonic circulation lies over Nagaland, Manipur, Mizoram & Tripura and extends upto 0.9 km above mean sea level.
  - ◆ An Off shore trough runs from south Karnataka to Kerala Coasts at mean sea level.
  - ◆ An upper air cyclonic circulation lies over Konkan & neighbourhood and extends between 3.1 km & 5.8 km above mean sea level.
  - ◆ An upper air cyclonic circulation lies over Gujarat region & neighbourhood and extends upto 1.5 km above mean sea level.
  - ◆ An upper air cyclonic circulation lies over Vidarbha & neighbourhood between 1.5 km & 3.8 km above mean sea level.

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

**24 hour Advisory for IOP:**

**Rainfall:**

Andaman & Nicobar Islands, Coastal Karnataka, Kerala  
NMMT, East Rajasthan, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Marathawada, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, North & South Interior Karnataka, Lakshadweep

**Thunderstorm with associated phenomena:**

Odisha, Jharkhand, Uttarakhand, Haryana, Punjab, Jammu & Kashmir, Rajasthan, Gujarat, Marathawada, Coastal Andhra Pradesh, Telangana, Madhya Pradesh, Vidarbha, North Tamilnadu

# The graphical presentation of the potential area for Nowcasting:

