



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

Nowcast Guidance for next 24 hours

Date: 06 March 2018

Time of issue: 1715 IST

RADAR and RAPID Observation:

No Significant convection is seen on available DWR domain at 1700 IST.

RAPID RGB Satellite imagery at 1600hrs indicates convective clouds over West Assam, Nagaland and West Arunachal Pradesh.

Chief Synoptic Features:

- ◆ The remnant Western Disturbance as a trough in mid & upper tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long 89°E to the north of Lat 28°N.
- ◆ A fresh western Disturbance as a trough in mid tropospheric westerlies runs with its axis at 5.8 Km above mean sea level roughly along Long 52°E to the north of Lat 25°N.
- ◆ The north south trough from Sub Himalayan West Bengal & Sikkim to north Chhattisgarh has become less marked. However the cyclonic circulation now lies over west Assam and neighbourhood and extends upto 0.9 km above mean sea level.
- ◆ The cyclonic circulation at 1.5 km above mean sea level over Comorin area and neighbourhood persists.
- ◆ A trough upto 1.5 km above mean sea level runs from the above cyclonic circulation to south Chhattisgarh across Karnataka, Telangana and Vidarbha.
- ◆ The cyclonic circulation over Madhya Maharashtra and neighbourhood extending upto 1.5 km above mean sea level has become less marked.

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

Rainfall:

Arunachal Pradesh, Assam

Thunderstorm with associated phenomena:

Arunachal Pradesh, Assam and Meghalaya

The graphical presentation of the potential area for Nowcasting:

