



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

SEVERE WEATHER GUIDANCE FOR NOWCAST

(for Day-1 & Day-2)

Date: 27 July, 2019

Time of issue: 1330 IST

Chief Synoptic Features:

- ◆ The low pressure area over southern parts of Gangetic West Bengal & neighbourhood now lies over north Odisha and adjoining Jharkhand with the associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwards with height.
- ◆ The monsoon trough at mean sea level now passes through Bikaner, Jaipur, Gwalior, Varanasi, Centre of Low Pressure Area over north Odisha and adjoining Jharkhand and thence southeastwards to eastcentral Bay of Bengal and extends upto 2.1 km above mean sea level.
- ◆ The cyclonic circulation over south Uttar Pradesh & neighbourhood now lies over northwest Madhya Pradesh & adjoining East Rajasthan and extends upto 5.8 km above mean sea level tilting southwards with height.
- ◆ The trough from the cyclonic circulation associated with the low pressure area to north Rajasthan now runs from the cyclonic circulation to south Haryana across north Chhattisgarh and the cyclonic circulation over northwest Madhya Pradesh & adjoining East Rajasthan between 3.1 & 5.8 km above mean sea level tilting southwards with height.
- ◆ A fresh low pressure area is likely to form over northwest Bay of Bengal & neighbourhood around 31st July.
- ◆ The Western Disturbance as a cyclonic circulation over northeast Afghanistan & adjoining north Pakistan now lies over north Pakistan & neighbourhood and seen between 3.1 & 7.6 km above mean sea level.

Area for Day-1 (valid upto 0830 IST of next day)

IOP Advisory for 24 hours

Significant Rainfall: East Rajasthan, Gujarat, Konkan and Goa, Madhya Maharashtra, West Rajasthan, West Madhya Pradesh, Chhattisgarh, Odisha, Jammu and Kashmir, Himachal Pradesh, Uttarakhand, West Uttar Pradesh, East Madhya Pradesh, Jharkhand, Gangetic West Bengal, Assam, Meghalaya, Vidarbha, Punjab, Haryana

Thunderstorm with Squally Winds (upto 50-60 kmph) and lightning: Nil

Thunderstorm with Gusty Winds (upto 40-50 kmph) and lightning: Nil

Thunderstorm with Gusty Winds (upto 30-40 kmph) and lightning: Nil

Thunderstorm with Lightning: Bihar, Jharkhand

Thunderstorm with Hail and lightning: Nil

Thunderstorm with Dust storm and lightning: Nil

Dust raising winds: Nil

Visibility: <50m: Nil, **<200m:** Nil

Graphical Presentation of Potential Areas for Severe Weather (IOPs) for Day-1: (valid upto 0830 IST of next day)

