



## EXTENDED RANGE FORECAST FOR UTTAR PRADESH

(Current weather status & outlook for next two weeks (26<sup>th</sup> December 2019-08<sup>th</sup> January 2020)

Dated: 26<sup>th</sup> December 2019

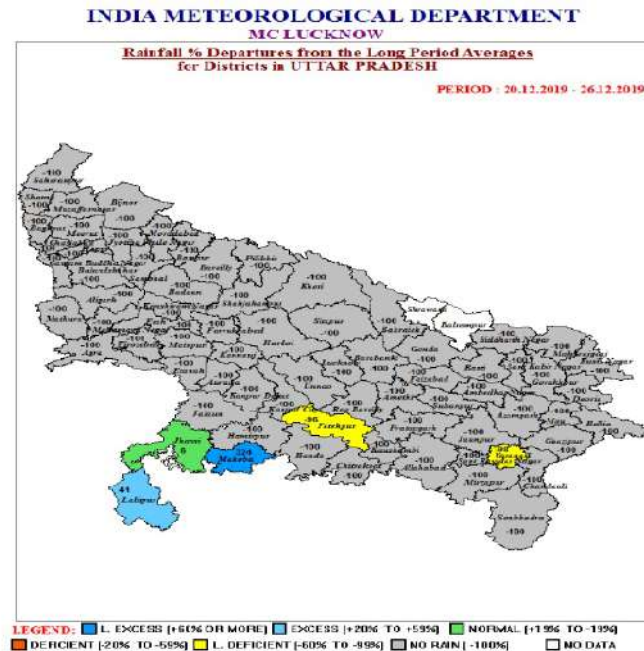
Time of Issue: 1500 hours IST

### 1.) Rainfall Scenario (Realized):

#### (i) Weekly Rainfall Scenario (from 0830 IST of 20<sup>th</sup> December to 0830 IST of 26<sup>th</sup> December 2019):-

During the past week, the actual rainfall for the state of Uttar Pradesh was 0.1 mm against normal rainfall 2.0 mm, which was below normal of Long Period Average (LPA) by 95%.

- For East Uttar Pradesh, weekly rainfall during the recent week was 0.0 mm against normal rainfall 1.9 mm, which was below normal of Long Period Average (LPA) by 99%.
- For West Uttar Pradesh, weekly rainfall during the recent week was 0.2 mm against normal rainfall 2.2 mm, which was below normal of Long Period Average (LPA) by 89%.



#### (ii) Seasonal Rainfall Scenario (Post Monsoon Season 2019)

##### (01st October 2019 to 26th December 2019):-

For the state, Cumulative rainfall during this season from 1<sup>st</sup> October–26<sup>th</sup> December was 48.6 mm against normal rainfall 39.6 mm, which was above normal of Long Period Average (LPA) by 23%.



- For East Uttar Pradesh, cumulative rainfall during this season from 1<sup>st</sup> October–26<sup>th</sup> December was 46.4 mm against normal rainfall 46.1 mm, which was above normal of Long Period Average (LPA) by 01%.
- For West Uttar Pradesh, cumulative rainfall during this season from 1<sup>st</sup> October–26<sup>th</sup> December was 51.9 mm against normal rainfall 30.6 mm, which was above normal of Long Period Average (LPA) by 69%.



## 2.) Chief Synoptic Conditions:-

- The Western Disturbance as a cyclonic circulation over Jammu & Kashmir and neighbourhood between 3.1 & 4.5 km above mean sea level is moving away eastnortheastwards.
- A fresh Western Disturbance is likely to affect Western Himalayan region from 30th December night onwards.
- Under the influence of this Western Disturbance and its interaction with lower level easterlies, major parts of North West and central India are very likely to experience FAIRLY WIDE SPREAD to WIDESPREAD rainfall accompanied with Hailstorm at Isolated places during 31<sup>st</sup> Dec.2019 to 01<sup>st</sup> Jan. 2020 and over east India on 02<sup>nd</sup> January 2020.

## 3.) Rainfall forecast for Next 2 Weeks:-

### (i) Rainfall forecast for Week 1: (26<sup>th</sup> December 2019 – 01<sup>st</sup> January 2020) :-

Weather is most likely to be dry over the State during the first five days of the week. During last two days of



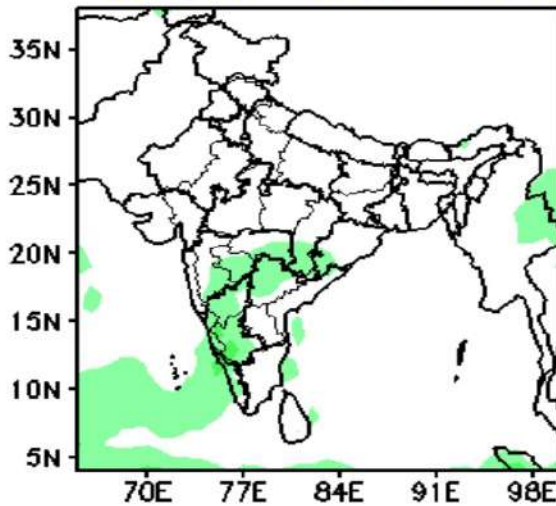
the week, scattered to fairly widespread rainfall is expected due to effect of active western disturbance. There is likelihood of hailstorm at isolated places.

(ii) **Rainfall forecast for week 2: (02<sup>nd</sup> January 2020 – 08<sup>th</sup> January 2020) :-**

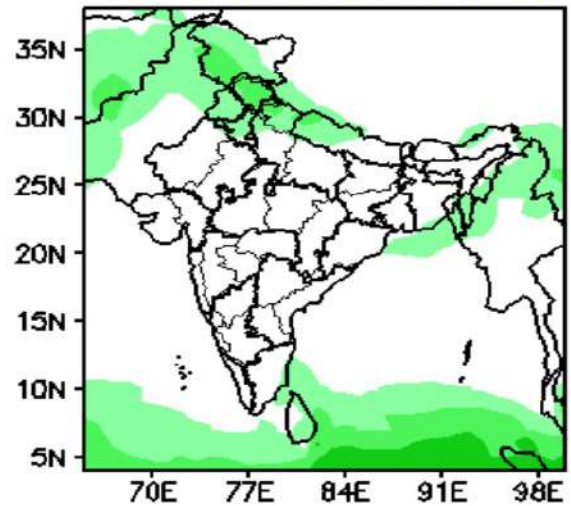
Isolated to scattered rainfall activity is expected during first two days of the week. Weather is likely to remain dry during remaining days of the week.

**Forecast Rainfall (mm/day)**

(Week1: 27Dec-02Jan)



(Week2: 03Jan-09Jan)

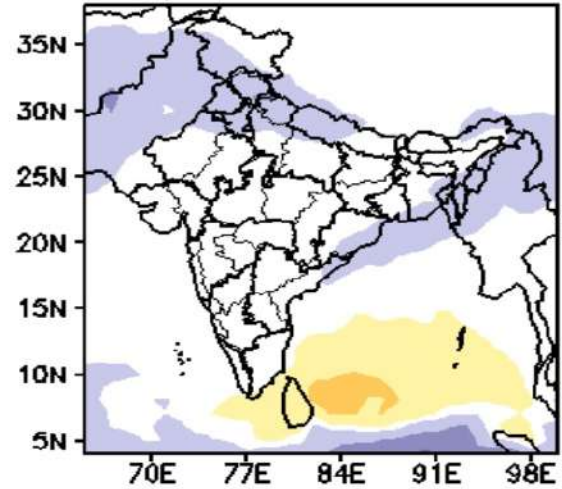
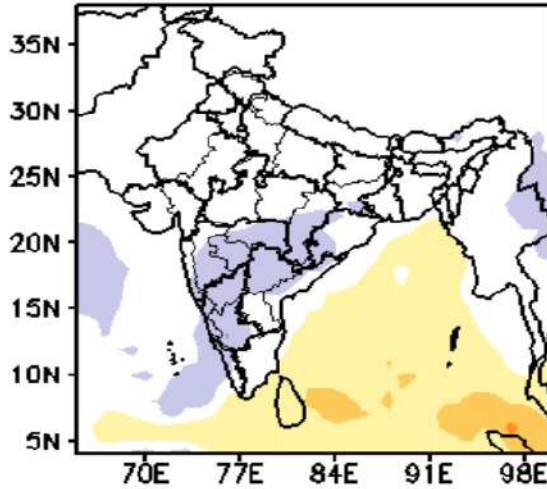




### Forecast Rainfall Anomaly (mm/day)

(Week1: 27Dec-02Jan)

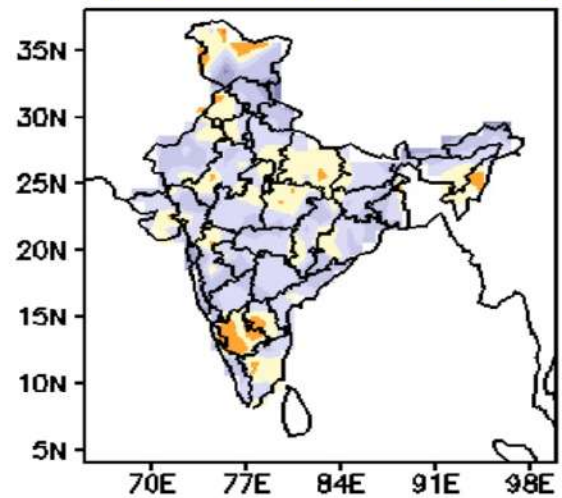
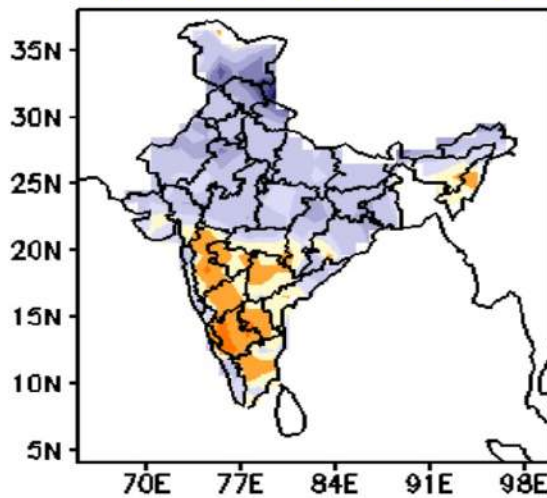
(Week2: 03Jan-09Jan)



### MME forecast Tmin anomaly (Deg C)

(Week1: 27Dec-02Jan)

(Week2: 03Jan-09Jan)



Next bulletin will be issued on 09<sup>th</sup> January 2020(Thursday)