



Thursday, 15<sup>TH</sup> October, 2020  
Time of issue: 1500 IST

## **EXTENDED RANGE FORECAST FOR RAJASTHAN**

**(Current weather status & outlook for next two weeks (16October–29October, 2020))**

### **1. Realized Rainfall Scenario:**

#### **(i) Past week Rainfall Scenario (09October to 15October 2020):**

The observed rainfall during recent past week was below normal from Long Period Average (LPA) -95% over the state as a whole. The rainfall during the period over West and East Rajasthan is as follows:

<b>Past week Rainfall : 09 October to 15 October</b>			
<b>Subdivision/State</b>	<b>Actual Rainfall (mm)</b>	<b>Normal Rainfall (mm)</b>	<b>Departure from Normal (%)</b>
West Rajasthan	0.0	1.2	-100%
East Rajasthan	0.3	4.7	-94%
Rajasthan as whole	0.1	2.7	-95%

#### **(ii) Seasonal Cumulative Rainfall Scenario (01October to 15October, 2020):**

For the state as a whole, cumulative rainfall during this season was below normal of Long Period Average (LPA) by -95%. Seasonal rainfall over West and East Rajasthan is as follows:

<b>Seasonal Cumulative Rainfall : 01October to 15October</b>			
<b>Subdivision/State</b>	<b>Actual Rainfall (mm)</b>	<b>Normal Rainfall (mm)</b>	<b>Departure from Normal (%)</b>
West Rajasthan	0.0	3.7	-100%
East Rajasthan	0.8	10.6	-93%
Rajasthan as whole	0.3	6.7	-95%

## 2. Chief synoptic conditions as on 15<sup>th</sup>October,2020

- ✓ The withdrawal line of the Southwest Monsoon continues to pass through Lat. 28°N/Long.83°E, Faizabad, Fatehpur, Nowgong, Rajgarh, Ratlam, Vallabh Vidyanagar, Porbandar, Lat. 21°N/ Long.65°E and Lat. 21°N/ Long.60°.
- ✓ The Well Marked Low Pressure Area over south Madhya Maharashtra & adjoining south Konkan with associated cyclonic circulation extending upto mid-tropospheric levels persists. It is very likely to move west-northwest wards and emerge into East central Arabian Sea off Maharashtra coast and concentrate into a Depression over East central & adjoining Northeast Arabian Sea off Maharashtra south Gujarat coasts during next 48 hours. It is very likely to move gradually west-northwest wards and intensify further.
- ✓ The feeble Western Disturbance as a cyclonic circulation over Kashmir & neighbourhood at 3.1 km above mean sea level persists.
- ✓ A fresh Low pressure area likely to form over central Bay of Bengal around 19th October.

## 3. Forecast for next two weeks

Under the influence of present synoptic features, dynamical scenario and model guidance –

### (i) Rainfall forecast for week 1: (16 October–22 October, 2020)

- Light to moderate rainfall at isolated places very likely over Southern parts of Rajasthan during 16-18, October and dry weather over rest of the parts very likely during week-1.
- Cumulatively above normal rainfall likely over the state during week-1.

### (ii) Rainfall forecast for week 2: (23 October–29 October, 2020)

- Cumulatively normal rainfall likely over the state during week-2.

### (iii) Max. Temperature forecast for week 1 & week 2(16 October–29 October, 2020)

- Maximum temperature likely to be below normal to the normal in the state during week 1 and week2.

### (iv) Min. Temperature forecast for week 1 & week 2(16 October – 29 October, 2020)

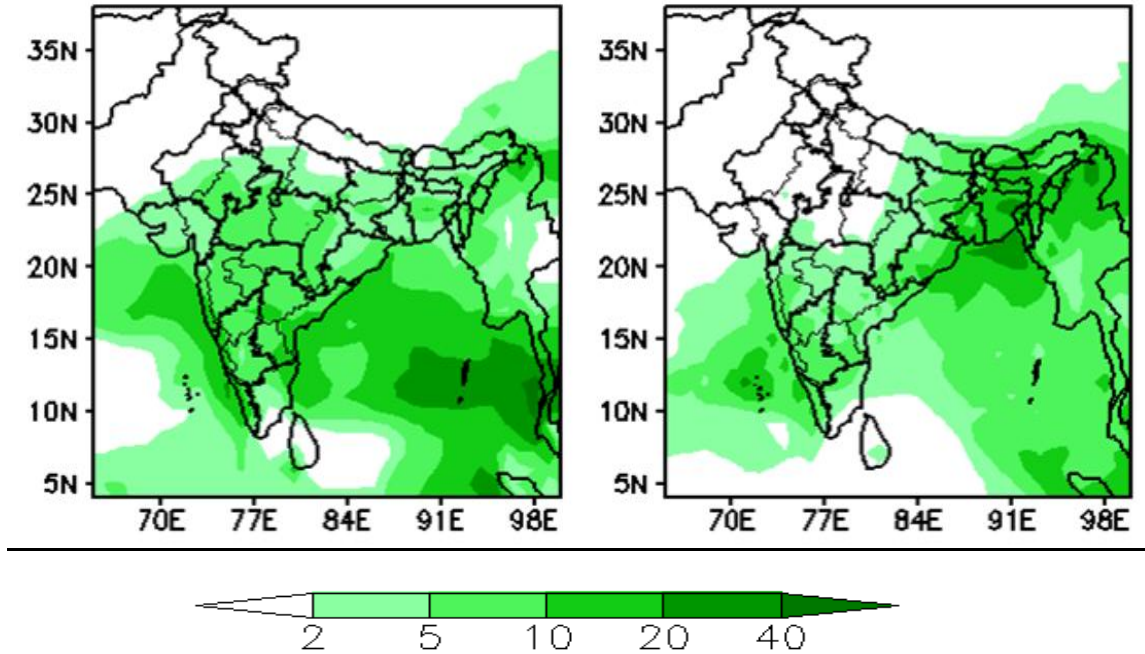
- Minimum temperature likely to be below normal in the state during the week – 1 and week -2.

ANNEXURE-01

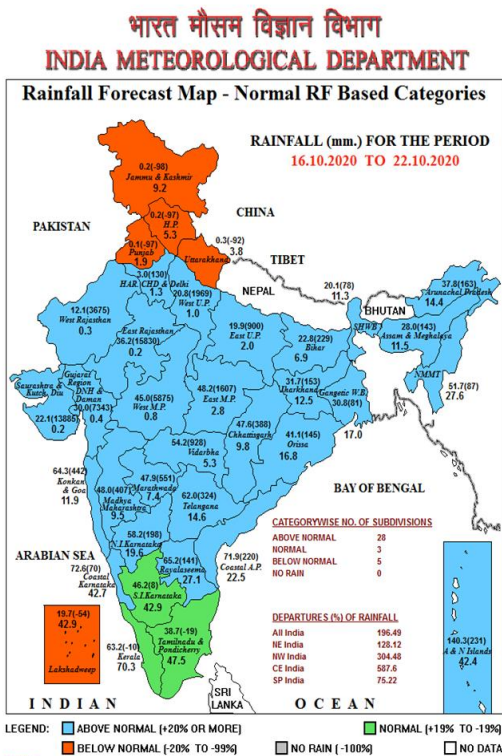
Forecast Rainfall (mm/day)

(Week1: 16Oct-22Oct)

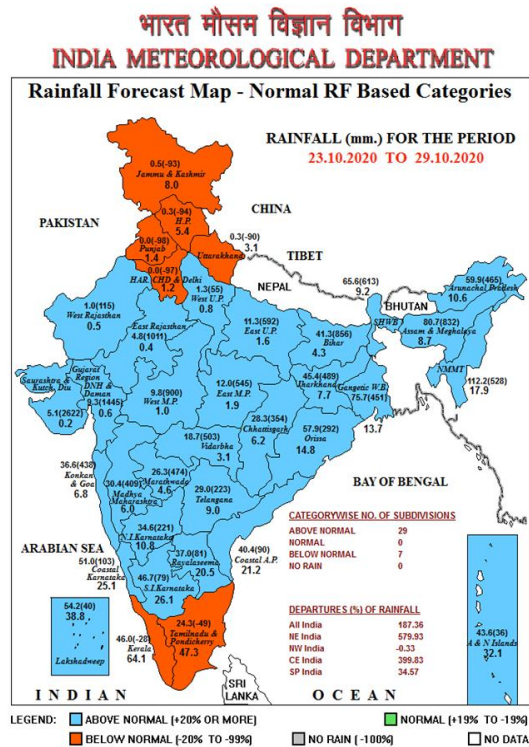
(Week2: 23Oct-29Oct)



ANNEXURE-02



NOTES:   
 [a] Rainfall figures are based on MME Forecast data.   
 [b] Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.).   
 Percentage Departures of Rainfall are shown in Brackets.

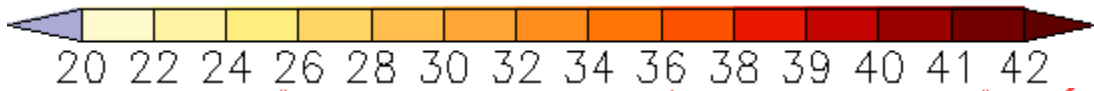
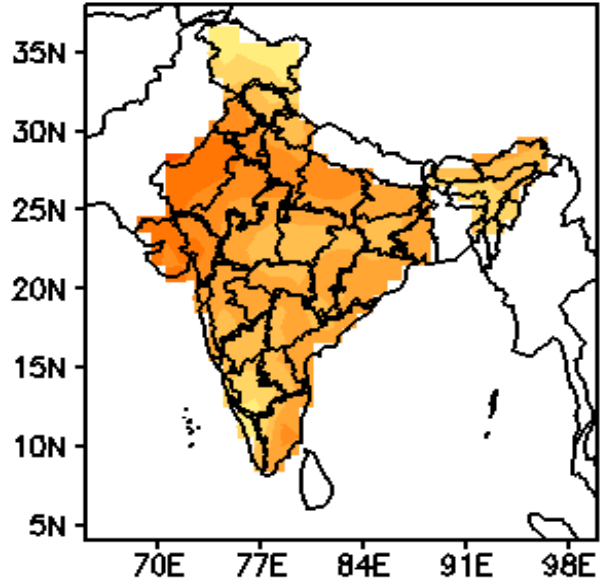
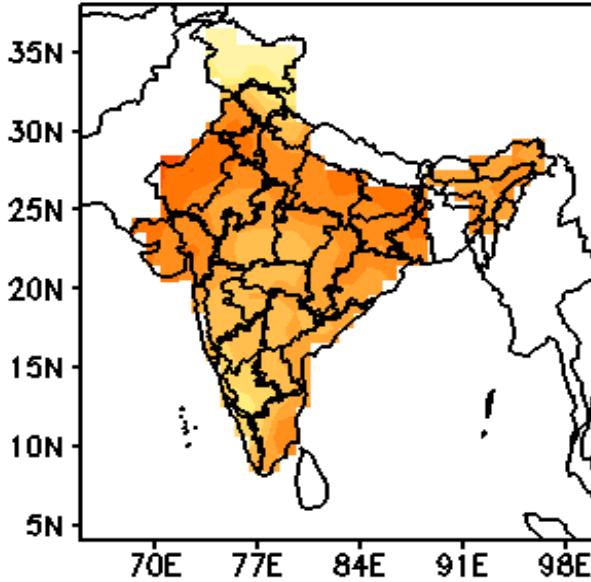


NOTES:   
 [a] Rainfall figures are based on MME Forecast data.   
 [b] Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.).   
 Percentage Departures of Rainfall are shown in Brackets.

**MME Bias corrected forecast Tmax (Deg)**

(Week1: 16Oct-22Oct)

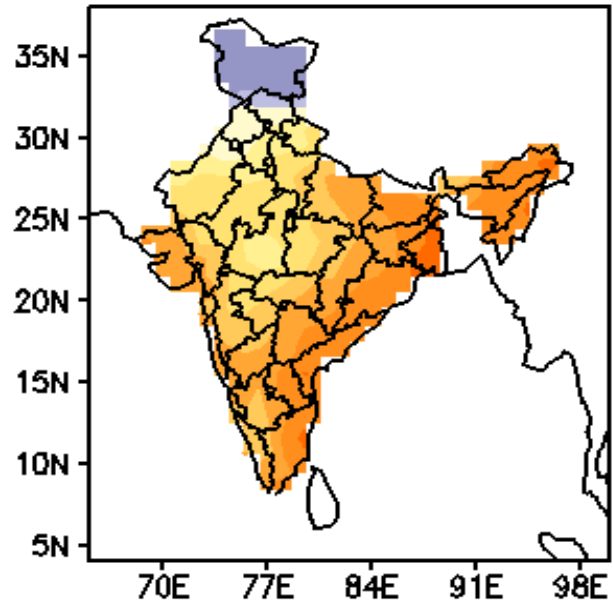
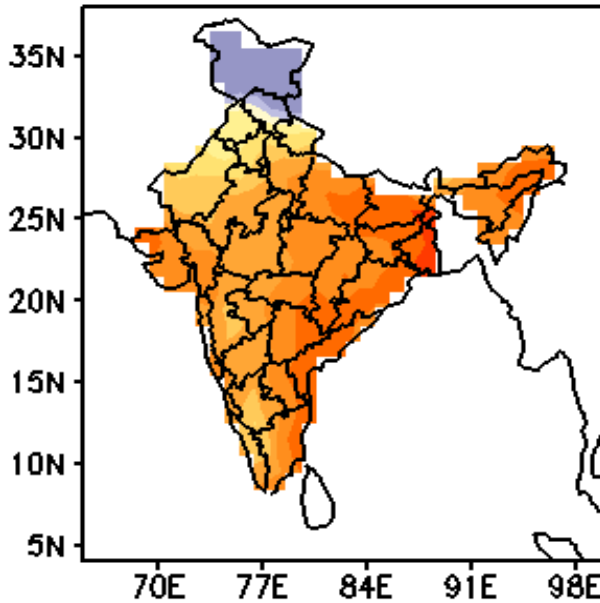
(Week2: 23Oct-29Oct)



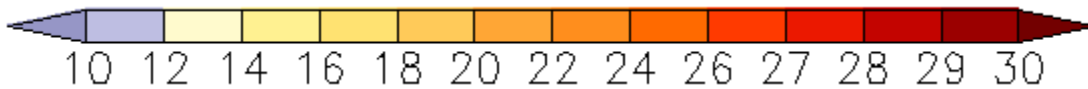
**MME Bias corrected forecast Tmin (Deg)**

(Week1: 16Oct-22Oct)

(Week2: 23Oct-29Oct)



ANNEXURE-04



Director

Meteorological Centre Jaipur

Next bulletin will be issued on 22<sup>th</sup> October, 2020 (Thursday)