



**Government of India**  
**Earth System Science Organization**  
**Ministry of Earth Sciences**  
**India Meteorological Department**

**Press Release**

**Dated: 20 October, 2016**

## **Current Weather Status and Outlook for next two weeks**

### **Highlights of the past week**

- The Southwest monsoon further withdrawn from most parts of the country during the week. The withdrawal line passes through Lat.22.0°N/Long.94.0°E, Lat.19.0°N/Long.90.0°E, Lat.16.0°N/Long.85.0°E, Tirupathi, Bengaluru, Mangalooru, Lat.13.0°N/Long.70.0°E and Lat.13.0°N/Long.60.0°E (**Annexure I**).
- Weather was dry over most parts of the country outside extreme south Peninsular India & northeastern states.

### **Highlights for next two week**

#### **➤ Southwest Monsoon:**

The Southwest monsoon is most likely to withdraw further from some more parts of the country during next 3-4 days.

#### **➤ Northeast Monsoon:**

- Environment is not conducive for commencement of Northeast Monsoon rainfall over Southeast Peninsula India till 27<sup>th</sup> October, 2016.
- Subsequently, possibility exists for development of favourable conditions.
- Any additional development in this regard will be updated through subsequent bulletins.

#### **➤ Temperatures:**

- Maximum temperatures very likely to be near normal over most parts of the country during next two weeks
- Minimum temperature very likely to be below normal over most parts of Central & East India during 1<sup>st</sup> week and over most parts of the country during 2<sup>nd</sup> week.

➤ **Rainfall:**

- Increase in rainfall activity likely over extreme south Peninsula India from 2<sup>nd</sup> week.
- No rainfall activity likely over remaining parts of the country outside Western Himalayan Region, where isolated rainfall activity on one or two days likely during next two weeks (**Annexure II**).

**Weekly Rainfall Scenario (13 to 19 October, 2016)**

During the week, rainfall was below Long Period Average (LPA) by 74% over the country as a whole. Details are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	4.3	16.4	-74%
Northwest India	0.0	6.9	-99%
Central India	0.0	11.1	-99%
South Peninsula	10.6	32.3	-67%
East & northeast India	14.0	26.1	-46%

The Meteorological sub-division-wise rainfall for the week is given in **Annexure III**.

**Post-monsoon Season Rainfall Scenario (01 to 19 October, 2016)**

For the country as a whole, cumulative rainfall during this year's post-monsoon has so far upto 19 October been 17% below LPA. Details of the rainfall distribution over the four broad homogeneous regions of India are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	49.6	60.1	-17%
Northwest India	14.8	26.4	-44%
Central India	65.3	46.1	42%
South Peninsula	42.5	100.8	-58%
East & northeast India	92.4	103.7	-11%

Cumulative seasonal rainfall is given in **Annexure IV**.

### Current synoptic conditions as on 20 October, 2016

- A well marked low pressure area lies over eastcentral & adjoining southeast Bay of Bengal. The system is likely to intensify into a depression during next 48 hours.
- A Western Disturbance as an upper air cyclonic circulation lies over north Pakistan & neighbourhood at 3.1 km above mean sea level.
- An east-west shear zone at 4.5 km above mean sea level runs roughly along latitude 11.0° N.
- Another fresh Western Disturbance likely to affect Jammu & Kashmir from 24th night onwards.

### Large scale features as on 20 October, 2016

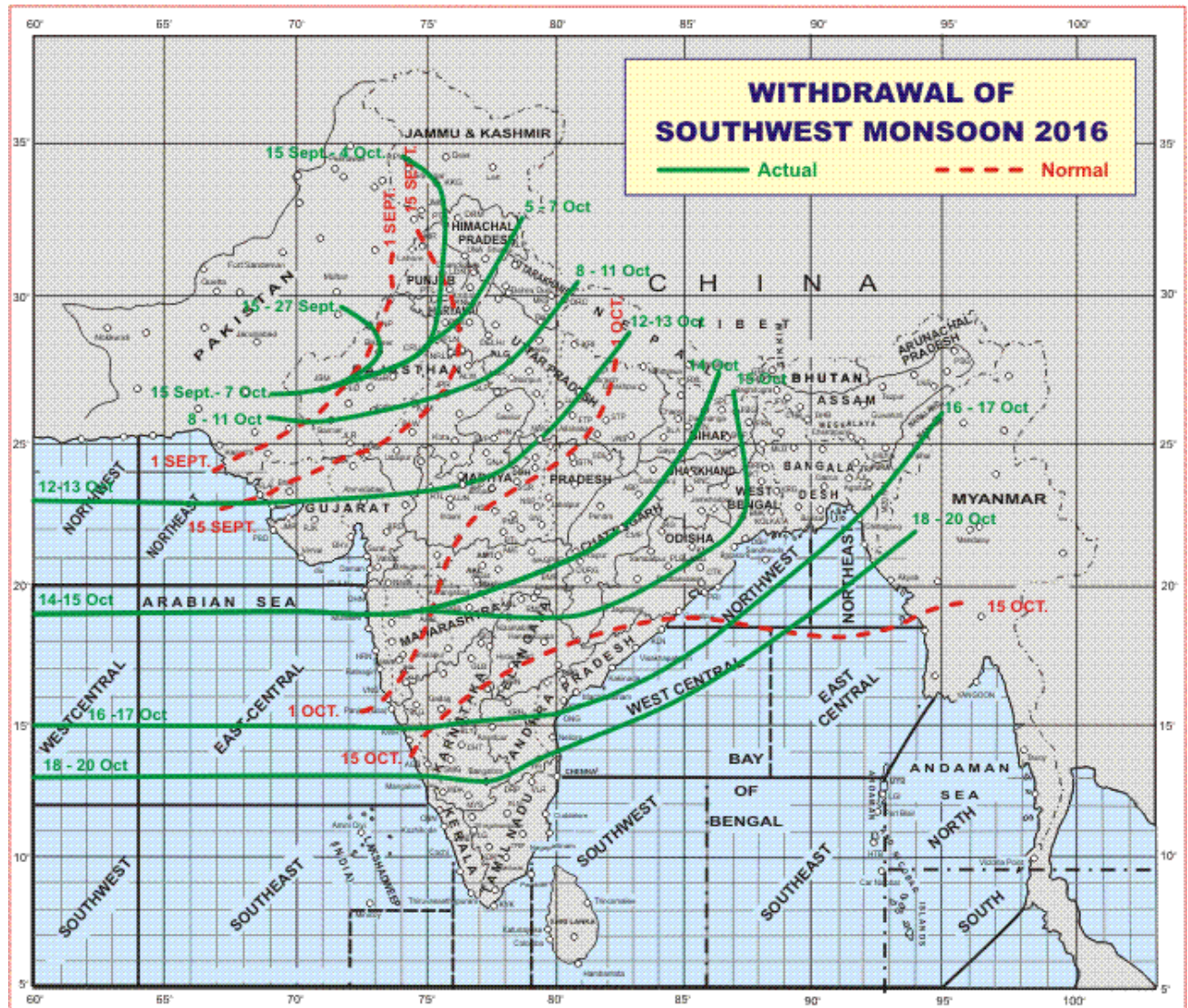
- Equatorial Sea surface temperatures are below average over Eastern & Central Pacific Ocean and indicating ENSO-Neutral conditions.
- Madden Julian Oscillation (MJO) is over Western Hemisphere and Africa and in weak phase.
- Indian Ocean Dipole (IOD) continues to be in negative phase.

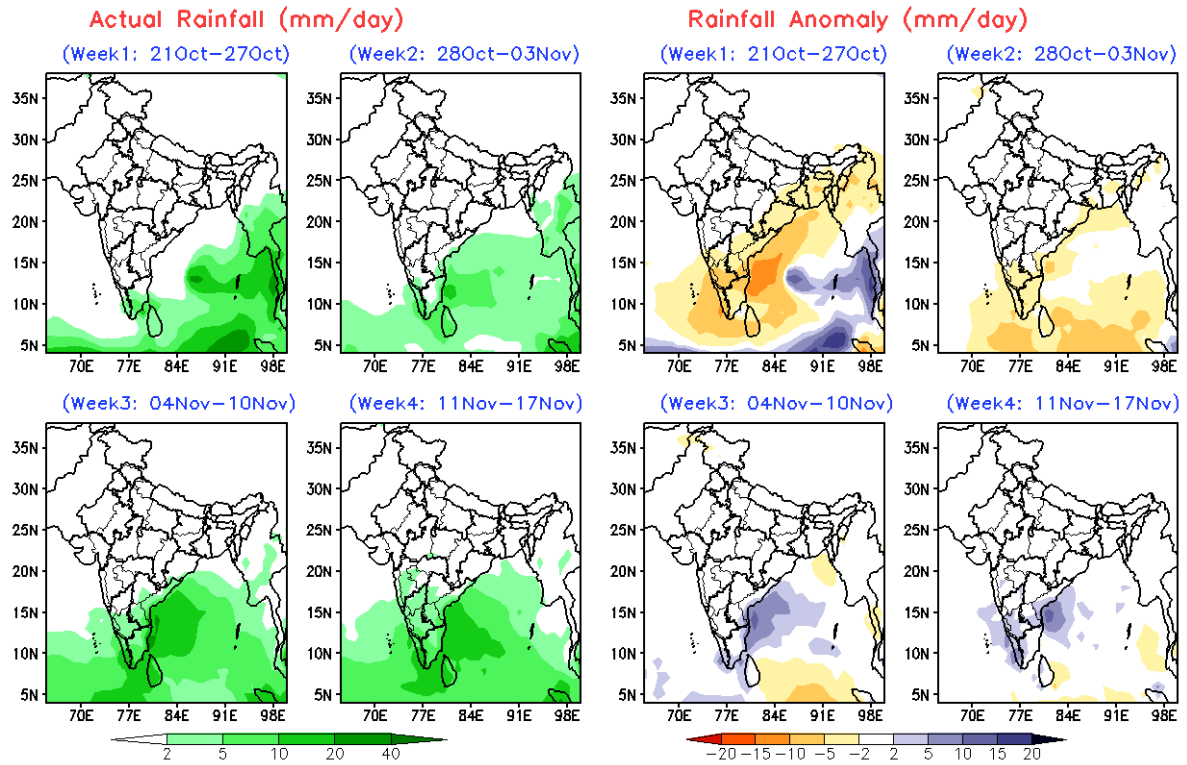
## Forecast & Warnings for next one week (20-26 October, 2016)

The Forecast and warnings for the 36 Meteorological Sub-Divisions of the country for next 7 days is given below:

METEOROLOGICAL SUB-DIVISIONWISE WEEKLY RAINFALL FORECAST & WEATHER WARNINGS (20-26 OCT 2016)								
S.No	SUB-DIVISIONS	20 OCT	21 OCT	22 OCT	23 OCT	24 OCT	25 OCT	26 OCT
1	ANDAMAN & NICO.ISLANDS	WS	WS*	WS*	FWS	SCT	SCT	SCT
2	ARUNACHAL PRADESH	DRY	DRY	ISOL	ISOL	DRY	DRY	ISOL
3	ASSAM & MEGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	NAGA.MANI.MIZO.& TRIPURA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
5	SUB-HIM.W. BENG. & SIKKIM	DRY	DRY	ISOL	ISOL	DRY	ISOL	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA CHD. & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU & KASHMIR	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISOL
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	ISOL	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
33	NORTH INT.KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INT.KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	SCT
36	LAKSHADWEEP	DRY	ISOL	ISOL	ISOL	DRY	DRY	ISOL
LEGENDS:								
WS	WIDE SPREAD / MOST PLACES (76-100%)			FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)			
SCT	SCATTERED / FEW PLACES (26% to 50%)			ISOL	ISOLATED (up to 25%)		DRY	NO STATION REPORTED RAINFALL
* Heavy Rainfall (64.5-115.5 mm)		** Heavy to Very Heavy Rainfall (115.6-204.4 mm)			*** Extremely Heavy Rainfall (204.5 mm or more)			

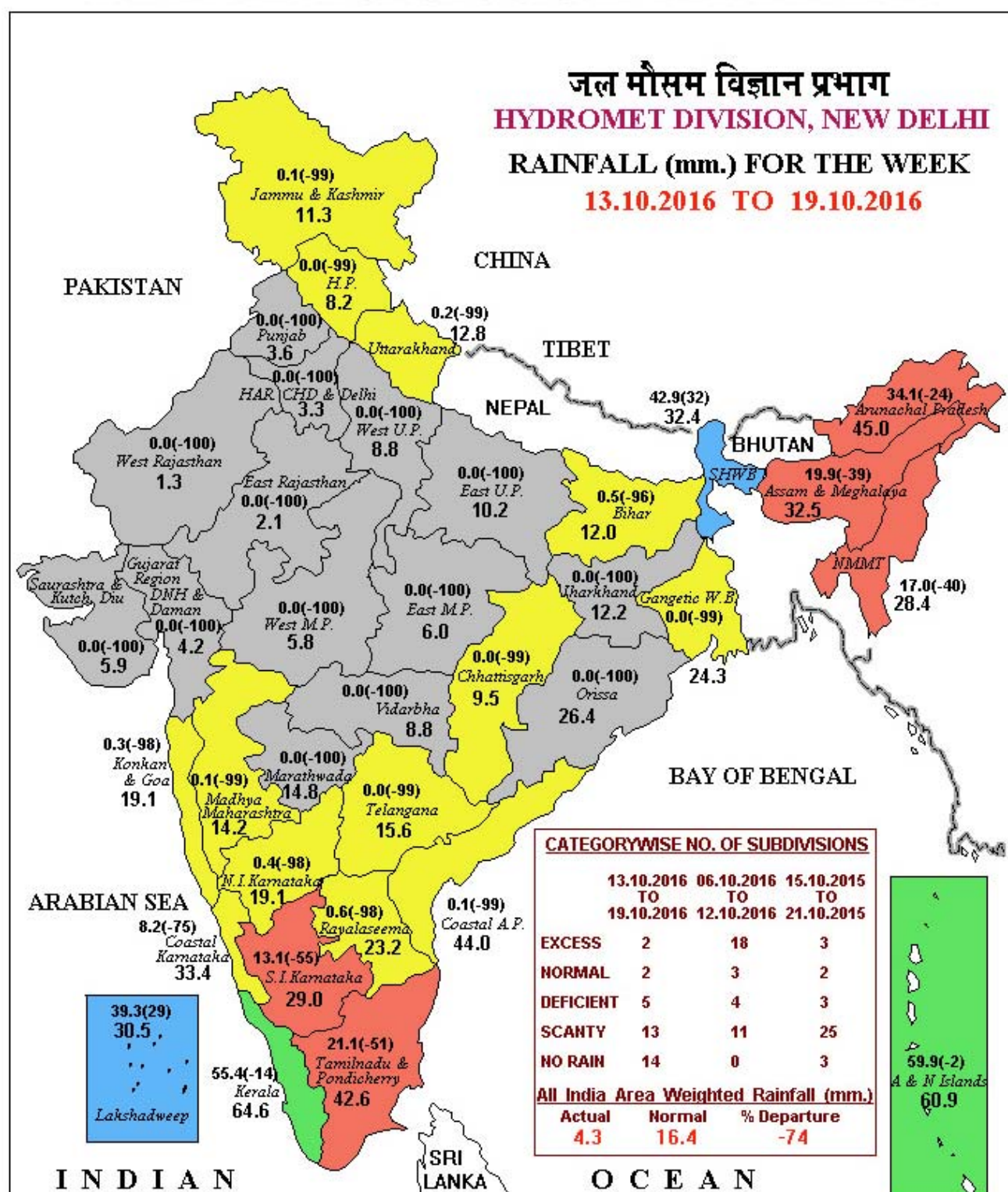
Next weekly update will be issued on Thursday i.e. 27<sup>th</sup> October, 2016





# भारत मौसम विज्ञान विभाग

## INDIA METEOROLOGICAL DEPARTMENT



# भारत मौसम विज्ञान विभाग

## INDIA METEOROLOGICAL DEPARTMENT

