



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

Dated: 17 November, 2016

Current Weather Status and Outlook for next two weeks

Highlights of the past week

- The northeast monsoon remained subdued during the week; however Tamilnadu received heavy rainfall activity during 13th to 15th November.
- Minimum temperatures were appreciably to markedly below normal over many parts of central, east and north Peninsular India during 1st half of the week.

Highlights for next two week

- **A low pressure area is likely to develop over southwest Bay of Bengal off Sri Lanka coast around 21st.**
- **Rainfall:**
 - Increase in northeast monsoon rainfall activity very likely from second half of the 1st week and very likely to be near normal/below normal in the 2nd week.
 - Light to moderate rain/snow very likely to occur over Western Himalayan region (WHR) during 1st week. Dry weather very likely to continue to prevail over remaining parts of the country.
- **Temperatures:**
 - The Minimum temperatures very likely to fall by 1-2°C over East Uttar Pradesh & Bihar and no significant change over rest northwest and east India during 1st half of the week and gradual rise by about 2-3°C thereafter over northwest India in the 2nd half of the week. No significant change in minimum temperature very likely over west, central & adjoining Peninsula and northeast India during many days of the 1st week.

- Gradual fall in minimum temperature by about 2-4°C very likely over most parts of country outside south Peninsular India, where, no significant change in minimum temperature likely during 2nd week.

Weekly Rainfall Scenario (10 to 16 November, 2016)

During the week, rainfall was below Long Period Average (LPA) by 87% over the country as a whole. Details are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	0.9	6.5	-87%
Northwest India	0.0	1.9	-99%
Central India	0.2	2.9	-94%
South Peninsula	3.9	19.3	-80%
East & northeast India	0.1	6.3	-98%

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

Post-monsoon Season Rainfall Scenario (01 October to 16 November, 2016)

For the country as a whole, cumulative rainfall during this year's post-monsoon has so far upto 16 November been 39% 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	60.9	99.4	-39%
Northwest India	14.9	36.1	-59%
Central India	68.3	67.2	2%
South Peninsula	69.7	211.7	-67%
East & northeast India	122.9	149.0	-18%

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

Current synoptic conditions as on 17 November, 2016

- A trough of low at mean sea level lies over equatorial Indian Ocean & adjoining southwest Bay of Bengal.
- Another trough of low at mean sea level runs from Lakshadweep area to Goa coast.

- A fresh Western Disturbance very likely to affect Jammu & Kashmir from 19th night onwards.

Large scale features as on 17 November, 2016

- Equatorial Sea surface temperatures continue to be below average over Eastern & Central Pacific Ocean, however, it is in the negative side of ENSO-Neutral conditions. It is not favourable for northeast monsoon.
- Madden Julian Oscillation (MJO) is in phase 1 and moving towards phase 2 during the week and strong in magnitude. It is favourable for northeast monsoon.

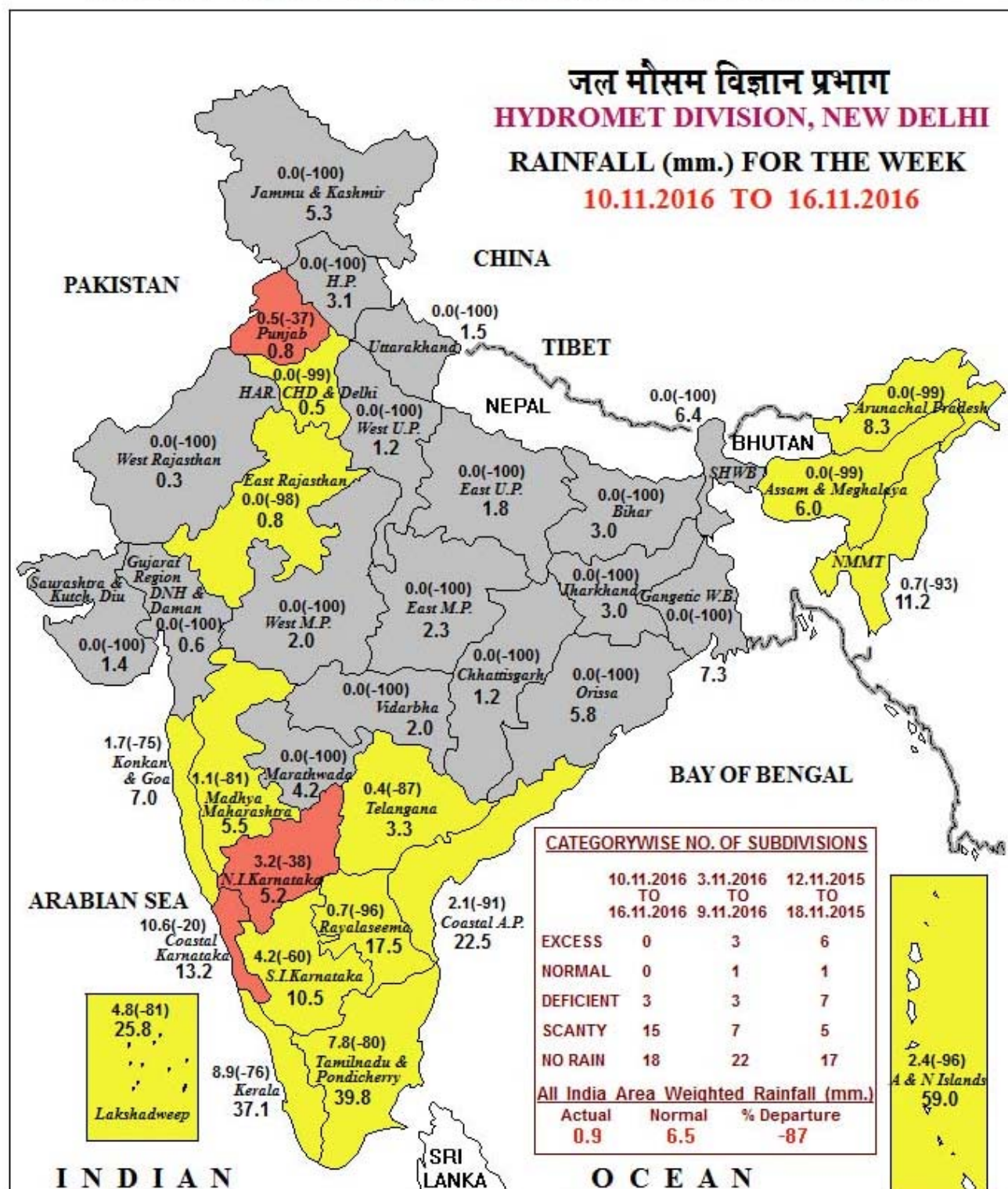
Forecast & Warnings for next one week (17 to 23 November, 2016)

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 (17-23 NOVEMBER; 2016)								
Sr.No	SUB-DIVISIONS	17 NOV	18 NOV	19 NOV	20 NOV	21 NOV	22 NOV	23 NOV
1	ANDAMAN & NICO.ISLANDS	FWS	ISOL	ISOL	ISOL	SCT	SCT	SCT
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
3	ASSAM & MEGHALAYA	DRY*	DRY*	DRY	DRY	DRY	DRY	DRY
4	NAGA.MANI.MIZO.& TRIPURA	DRY*	DRY*	DRY	DRY	DRY	DRY	DRY
5	SUB-HIM.W. BENG. & SIKKIM	DRY	DRY	DRY	DRY	DRY	DRY	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
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	ISOL	SCT	ISOL
16	JAMMU & KASHMIR	ISOL	DRY	ISOL	ISOL	SCT	FWS	SCT
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	DRY	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	ISOL	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*	SCT	SCT
32	COASTAL KARNATAKA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
33	NORTH INT.KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INT.KARNATAKA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
35	KERALA	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	ISOL
36	LAKSHADWEEP	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
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)			
§ Thunder squall, D Dust/Thunderstorm, † Heat wave, ‡ Severe Heat Wave, ¯ Cold Wave ¯ Severe Cold Wave								
☁ Fog * Snowfall # Hailstorm								

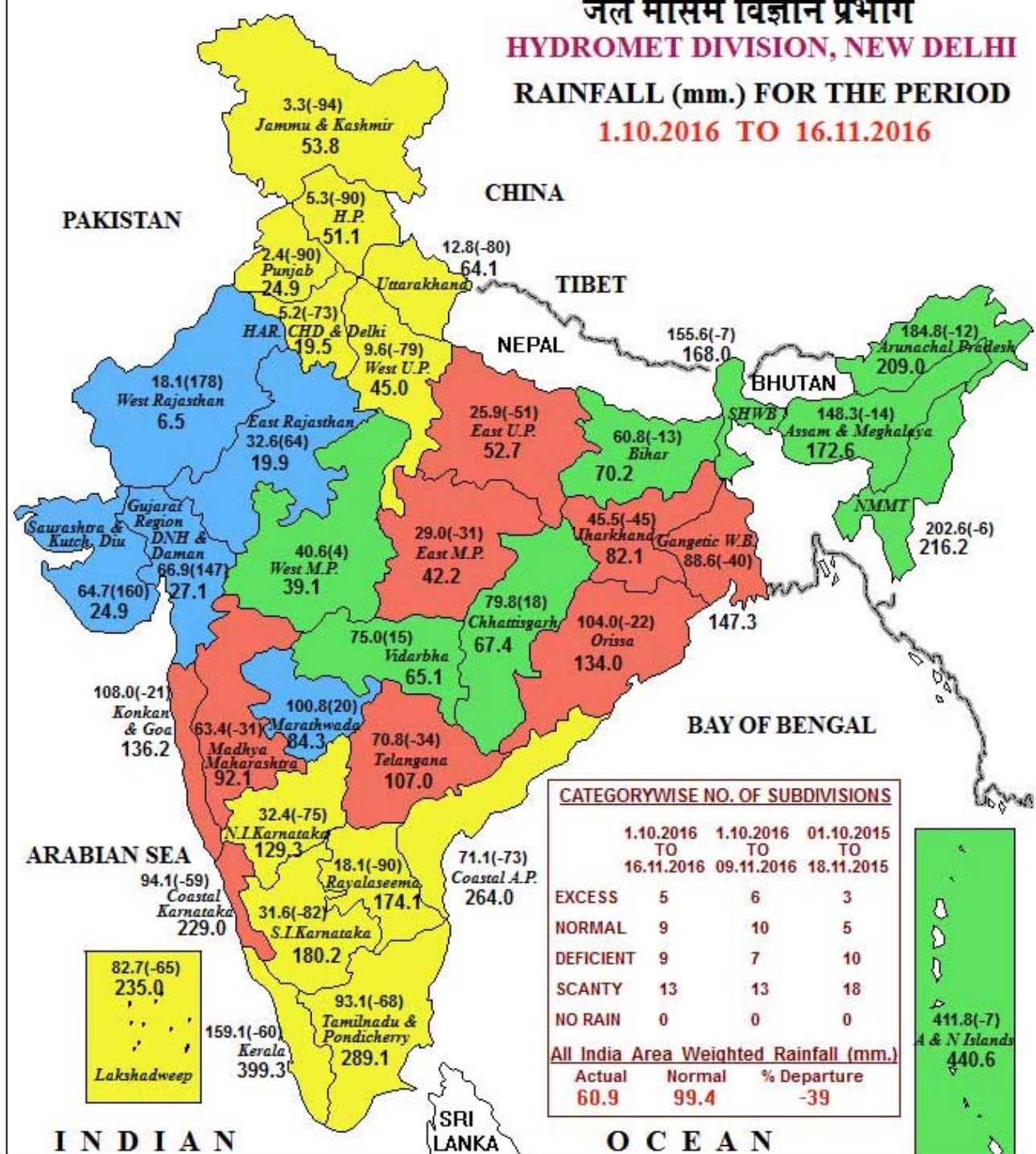
Next weekly update will be issued on Thursday i.e. 24th November, 2016

भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT



भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT

जल मौसम विज्ञान प्रभाग HYDROMET DIVISION, NEW DELHI RAINFALL (mm.) FOR THE PERIOD 1.10.2016 TO 16.11.2016



LEGEND: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT (-20% TO -59%)
■ SCANTY (-60% TO -99%) ■ NO RAIN (-100%) NO DATA

NOTES:

- (a) Rainfall figures are based on operational data.
 (b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)
 Percentage Departures of Rainfall are shown in Brackets.