



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

Press Release  
Dated: 10 September, 2015

**Subject: Current status of southwest monsoon 2015 and forecast**

**Highlights of the week**

- The Southwest Monsoon withdrew from western parts of Rajasthan on 4 September and from some parts of Punjab & Haryana and some more parts of Rajasthan on 8 September. The withdrawal line of southwest monsoon passed through Amritsar, Hissar, Ajmer and Barmer (**Annexure 1**).
- An east-west shear zone affected south Peninsular India during 2<sup>nd</sup> half of the week.

**Weekly Rainfall Scenario (03 - 09 September, 2015)**

During the week, rainfall was below normal by 55% over the country as a whole. Details of rainfall over homogeneous regions are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	21.2	47.4	-55%
Northwest India	3.7	36.3	-90%
Central India	13.5	55.4	-76%
South Peninsula	50.9	30.8	65%
East & Northeast India	34.4	72.8	-53%

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

## Seasonal Rainfall Scenario (01 June to 09 September, 2015)

For the country as a whole, cumulative rainfall during monsoon season has so far upto 09 September been 15% below the Long Period Average (LPA). Rainfall activity was less than normal in all the four broad homogeneous regions of India except east & northeast India, where it was near normal. Details of the rainfall distribution are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	661.4	775.7	-15%
Northwest India	459.2	550.0	-17%
Central India	696.3	867.0	-20%
South Peninsula	497.6	599.9	-17%
East & Northeast India	1179.8	1233.8	-04%

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

## Rainfall Scenario for 1- 9 September, 2015

Cumulative rainfall for the country as a whole from 1-9 September is 51% below the LPA

## Districtwise rainfall (01 June to 09 September, 2015)

During the period, rainfall was excess/normal in 52% (320 districts) and deficient/scanty in 48% (294 districts). The district rainfall map is given in **Annexure- IV**.

## Current synoptic conditions as on 10 September, 2015

- An upper air cyclonic circulation lies over westcentral Bay of Bengal between 3.1 & 7.6 km above mean sea level. Under its influence, a low pressure area may form during next 2- 3 days.
- A shear zone runs roughly along Latitude 17.0°N between 1.5 & 5.8 km above mean sea level.
- A western disturbance as an upper air cyclonic circulation lies over north Pakistan and adjoining Jammu & Kashmir extending upto mid-tropospheric levels.

## Forecast for next one week (10-16 September, 2015)

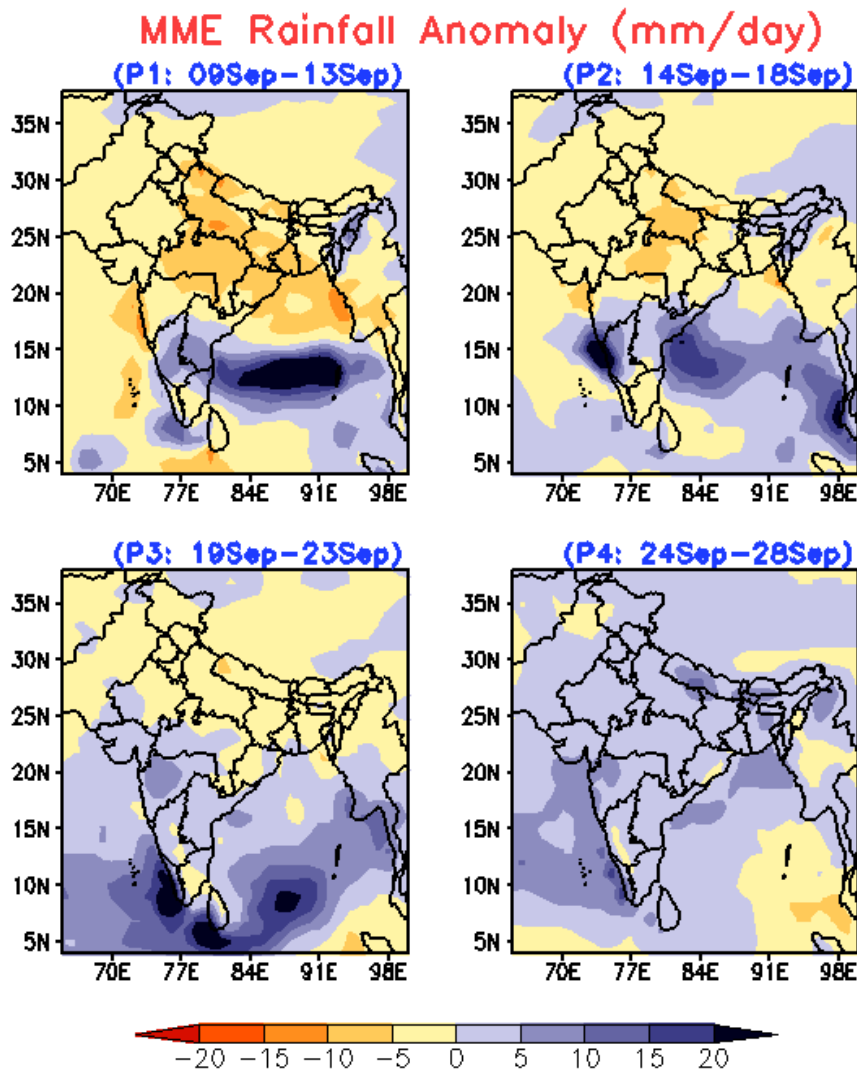
**The Forecast and warnings for the 36 Meteorological Sub-Divisions of the country for next 7 days is given in next page.**

S.No.	METEOROLOGICAL SUB-DIVISIONS	Forecasts and Warnings						
		10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep
1	ANDAMAN & N ISLANDS	WS**	WS**	WS*	FWS*	FWS*	FWS*	FWS*
2	ARUNACHAL PRADESH	ISOL	SCT	FWS	FWS	FWS	SCT	SCT
3	ASSAM & MEGHALAYA	SCT	FWS	FWS	FWS	FWS	SCT	SCT
4	NAGA.MANI.MIZO.TRIPURA	SCT	FWS	FWS	SCT	SCT	SCT	SCT
5	SHWB &SIKKIM	ISOL	SCT	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	SCT	SCT	ISOL	ISOL	SCT	FWS	FWS
7	ODISHA	SCT	SCT	FWS*	FWS*	FWS*	FWS*	FWS
8	JHARKHAND	ISOL	ISOL	ISOL	SCT	SCT	SCT	FWS
9	BIHAR	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
10	EAST UTTAR PRADESH	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	DRY	DRY	ISOL	ISOL	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	DRY	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
21	GUJARAT REGION DD & NH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA KUTCH & DIU	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
23	KONKAN & GOA	WS*	WS*	FWS	SCT	FWS	FWS	SCT
24	MADHYA MAHARASHTRA	FWS*	FWS	FWS	SCT	FWS	FWS	SCT
25	MARATHAWADA	FWS	FWS	SCT	SCT	SCT	SCT	SCT
26	VIDARBHA	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
27	CHHATTISGARH	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
28	COASTAL ANDHRA PRADESH	SCT	SCT*	FWS*	FWS*	FWS	FWS*	SCT
29	TELANGANA	FWS*	SCT	SCT	FWS	FWS	SCT	ISOL
30	RAYALASEEMA	FWS*	FWS	SCT	SCT	SCT	SCT	SCT
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	FWS*	FWS*	FWS	SCT	SCT	SCT	FWS*
33	NORTH INT. KARNATAKA	FWS*	FWS*	FWS	FWS	FWS	SCT	SCT
34	SOUTH INT. KARNATAKA	FWS	FWS	SCT	SCT	ISOL	ISOL	ISOL
35	KERALA	FWS	FWS	FWS	SCT	SCT	SCT	FWS*
36	LAKSHADWEEP	SCT	SCT	SCT	ISOL	ISOL	SCT	SCT

**LEGENDS (% of stations reporting rainfall)**

<b>WS</b>	More than 75%	<b>FWS</b>	51% to 75%
<b>SCT</b>	26% to 50%	<b>ISOL</b>	Less than 25%
<b>DRY</b>	DRY (Nil Rainfall)		
\$ Thunder squall	D Dust/thunderstorm	H Heat wave	HH Severe heat wave
*heavy rainfall	**heavy to very heavy rainfall	***extremely heavy rainfall	

**Extended Range Forecast till 28 September, 2015**

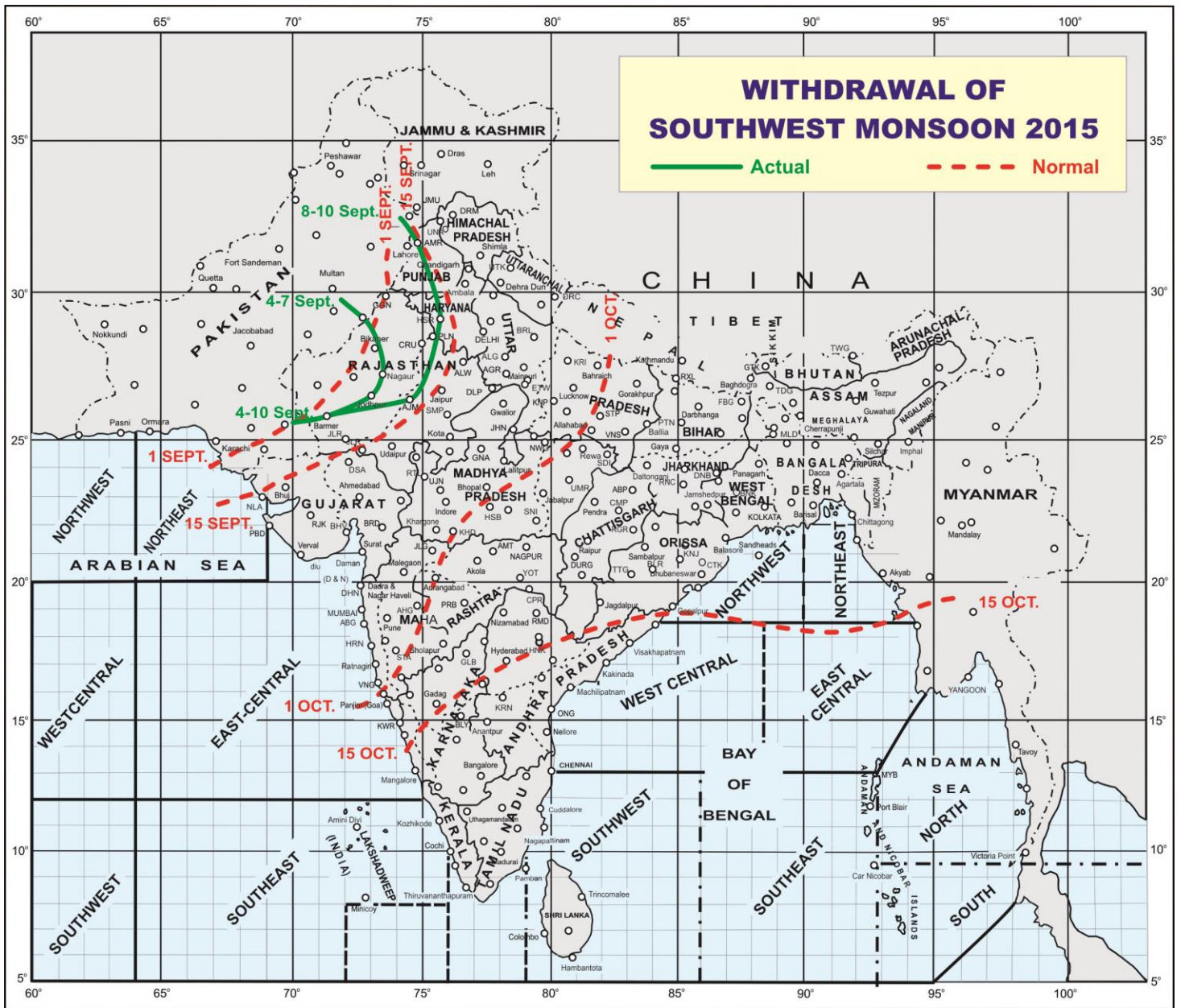


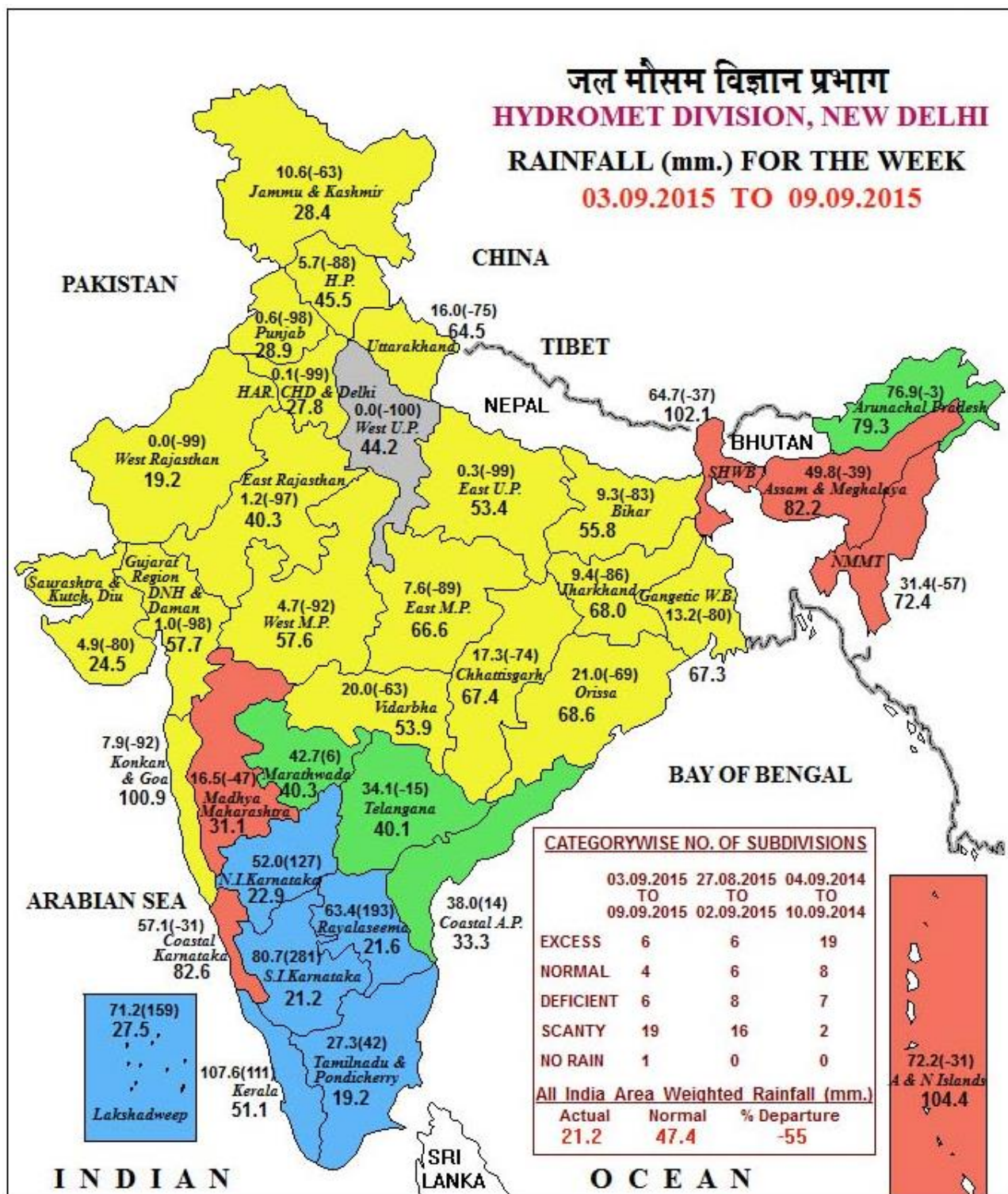
- Normal to above normal rainfall activity likely over south peninsular India during next 3 weeks.
- Normal to below rainfall activity likely over plains of northwest India and central & adjoining east India during next 2 week.
- Normal to above normal rainfall activity likely over northwest, central & east India between 24 to 28 September.

**Legend:**

<b>Rainfall Intensity</b>			
<b>Extremely Heavy (&gt;244.4mm)</b>	<b>Very Heavy (124.5-244.4mm)</b>	<b>Heavy (64.5-124.4mm)</b>	
<b>Rainfall Distribution(%of stations reported rainfall)</b>			
<b>Widespread/ At most places (76-100)</b>	<b>Fairly widespread/ At many places (51-75)</b>	<b>Scattered/ At a few places (26-50)</b>	<b>Isolated/ At one or two places (1-25)</b>

Next weekly update will be issued on Thursday i.e.17 September, 2015

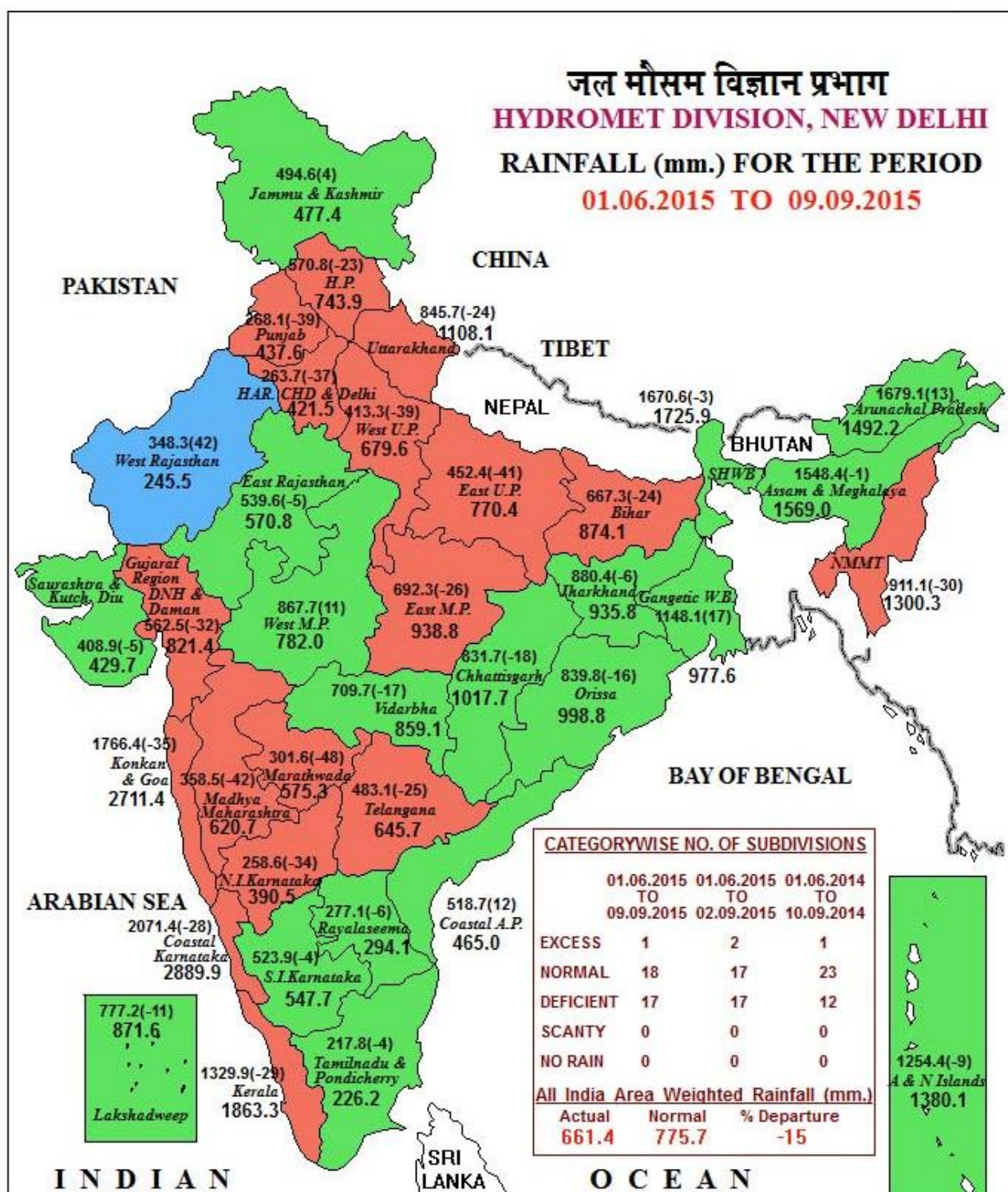




LEGEND: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT (-20% TO -59%)  
■ SCANTY (-60% TO -99%) ■ NO RAIN (-100%)  NO DATA

NOTES:

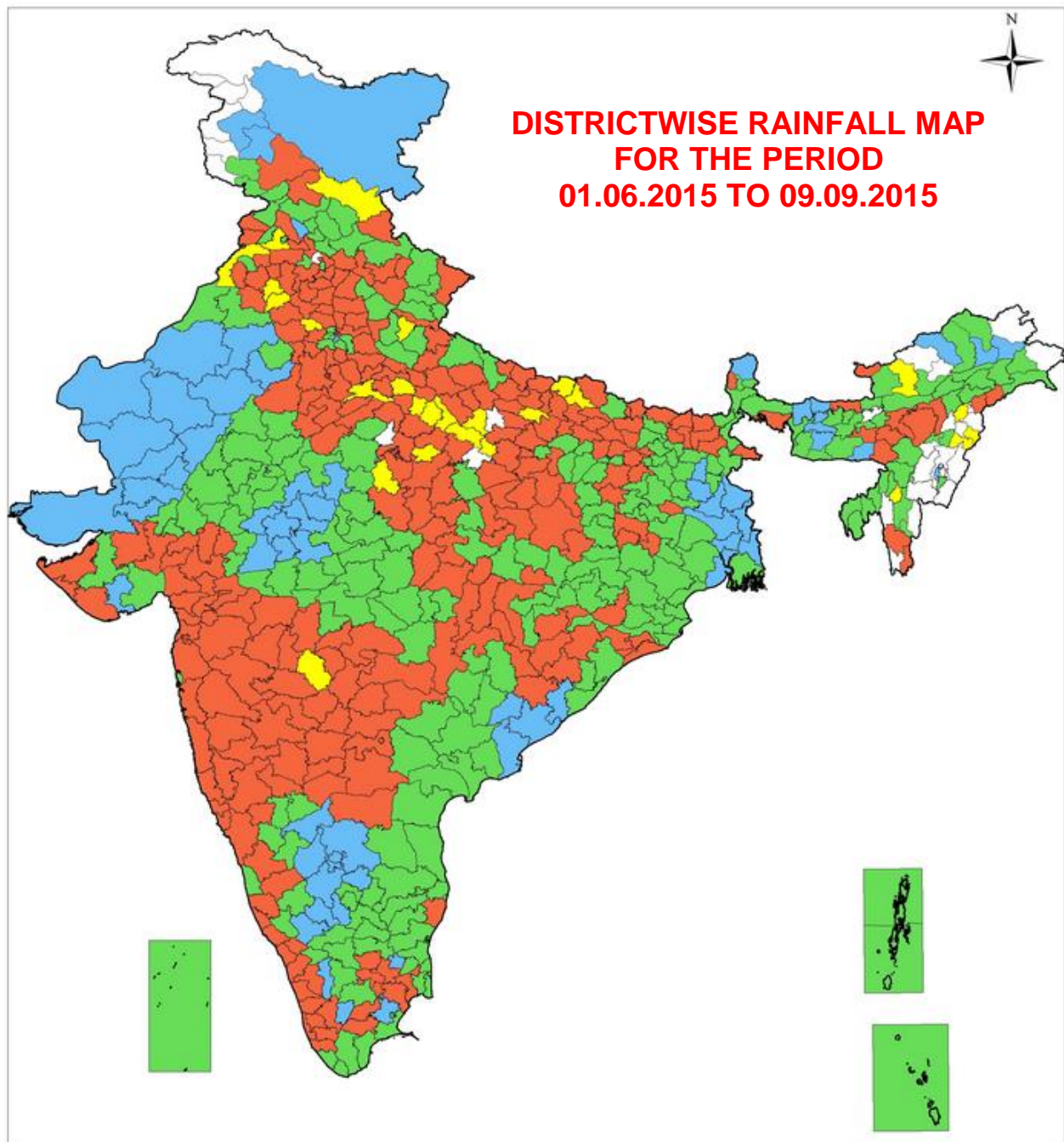
- (a) Rainfall figures are based on operational data.
- (b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.) Percentage Departures of Rainfall are shown in Brackets.



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.



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