



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

Press Release  
Dated: 1 October, 2015

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

**Highlights of the week**

- The South West Monsoon has further withdrawn from remaining parts of West Uttar Pradesh, most parts of East Uttar Pradesh, some more parts of Madhya Pradesh, Gujarat state and north Arabian sea (**Annexure I**).
- The seasonal rainfall from 1 June to 30 September, 2015 for the country as a whole was 14% below the long period average (LPA) as against the long range forecast of ESSO, IMD of 12% deficiency with a model error of  $\pm 4\%$

**Weekly Rainfall Scenario (24-30 September, 2015)**

During the week, rainfall was 62% below LPA over the country as a whole. All the broad homogeneous regions of India also received below normal rainfall activity during the week. Details of rainfall over homogeneous regions are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	12.8	33.6	-62%
Northwest India	2.8	17.5	-84%
Central India	0.9	30.0	-97%
South Peninsula	36.0	42.0	-14%
East & Northeast India	28.3	61.9	-54%

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

### Seasonal Rainfall Scenario (1 June to 30 September, 2015)

For the country as a whole, cumulative rainfall during monsoon season has so far upto 30 September been 14% below the LPA. Rainfall activity was less than normal in all the four broad homogeneous regions. Details of the rainfall distribution are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	760.6	887.5	-14%
Northwest India	510.6	615.0	-17%
Central India	815.5	975.5	-16%
South Peninsula	605.7	716.1	-15%
East & Northeast India	1317.5	1438.3	-8%

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

### Rainfall Scenario for 1- 30 September, 2015

Cumulative rainfall for the country as a whole from 1- 30 September is 24% below the LPA

### Districtwise rainfall (01 June to 30 September, 2015)

During the period, rainfall was excess/normal in 51% (312) districts and deficient/scanty in 49% (302) districts. The district rainfall map is given in **Annexure IV**.

### Current synoptic conditions as on 01 October, 2015

- An upper air cyclonic circulation lies over westcentral & adjoining eastcentral Bay of Bengal.
- An east-west shear zone runs roughly along Latitude 11.0°N and extends between 3.1 & 5.8 km above mean sea level.
- An upper air cyclonic circulation lies over eastcentral & adjoining southeast Arabian Sea and Lakshadweep area.

### Forecast for next one week (1-7 October, 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						
		1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	7-Oct
1	ANDAMAN & N ISLANDS	FWS	SCT	SCT	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY
3	ASSAM & MEGHALAYA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
4	NAGA.MANI.MIZO.TRIPURA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
5	SHWB &SIKKIM	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	DRY	ISOL	ISOL	ISOL	ISOL	DRY	DRY
7	ODISHA	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
8	JHARKHAND	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY
9	BIHAR	DRY	DRY	ISOL	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	DRY	DRY	DRY	DRY	DRY	DRY	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	ISOL	ISOL	DRY	DRY	DRY	DRY
21	GUJARAT REGION DD & NH	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
22	SAURASHTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	SCT	SCT	SCT	SCT	SCT	ISOL	ISOL
24	MADHYA MAHARASHTRA	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
25	MARATHAWADA	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	ISOL	SCT	SCT	ISOL	ISOL	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
28	COASTAL ANDHRA PRADESH	FWS	FWS	SCT	SCT	SCT	SCT	ISOL
29	TELANGANA	ISOL	SCT	SCT	SCT	SCT	SCT	ISOL
30	RAYALASEEMA	SCT	FWS*	SCT	FWS	FWS	SCT	SCT
31	TAMILNADU & PUDUCHERRY	FWS*	SCT	SCT	SCT	SCT	SCT	SCT
32	COASTAL KARNATAKA	FWS*	FWS*	SCT	SCT	FWS*	FWS	FWS
33	NORTH INT. KARNATAKA	FWS	FWS*	SCT	FWS	FWS	FWS	FWS
34	SOUTH INT. KARNATAKA	FWS*	FWS*	SCT	SCT	FWS*	FWS*	FWS*
35	KERALA	FWS*	FWS	SCT	SCT	FWS	SCT	SCT
36	LAKSHADWEEP	FWS	FWS	SCT	SCT	FWS	FWS	SCT

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

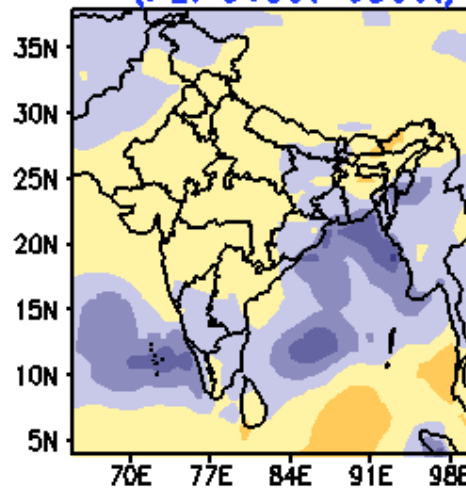
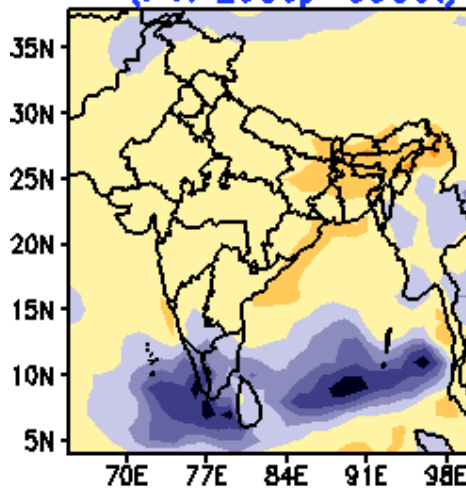
<b>WS</b>	More than 75%	<b>FWS</b>	51% to 75%
<b>SCT</b>	26% to 50%	<b>ISOL</b>	Less than 25%
<b>DRY</b>	DRY (Nil Rainfall)		
\$ Thunder squall	D Dust/thunderstorm	H Heat wave	HH Severe heat wave
*heavy rainfall	**heavy to very heavy rainfall	***extremely heavy rainfall	

Extended Range Forecast till 18 October, 2015

**MME Rainfall Anomaly (mm/day)**

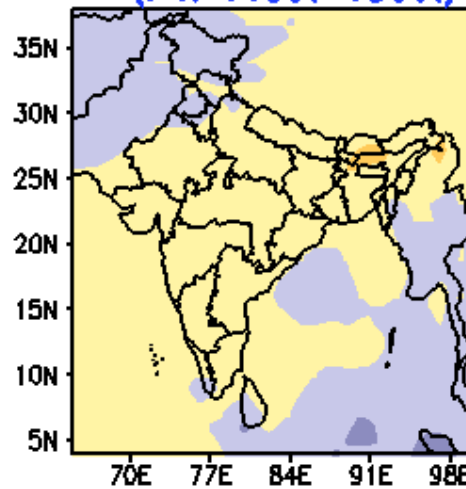
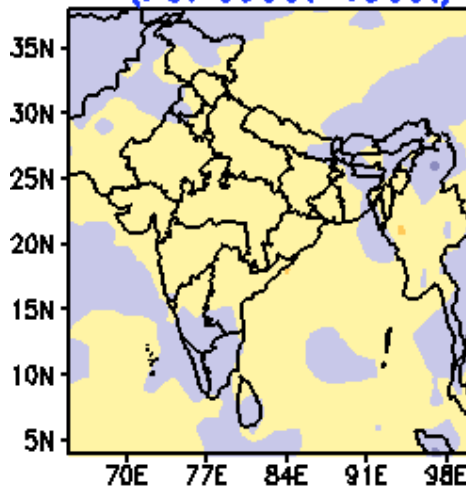
(P1: 29Sep-03Oct)

(P2: 04Oct-08Oct)



(P3: 09Oct-13Oct)

(P4: 14Oct-18Oct)

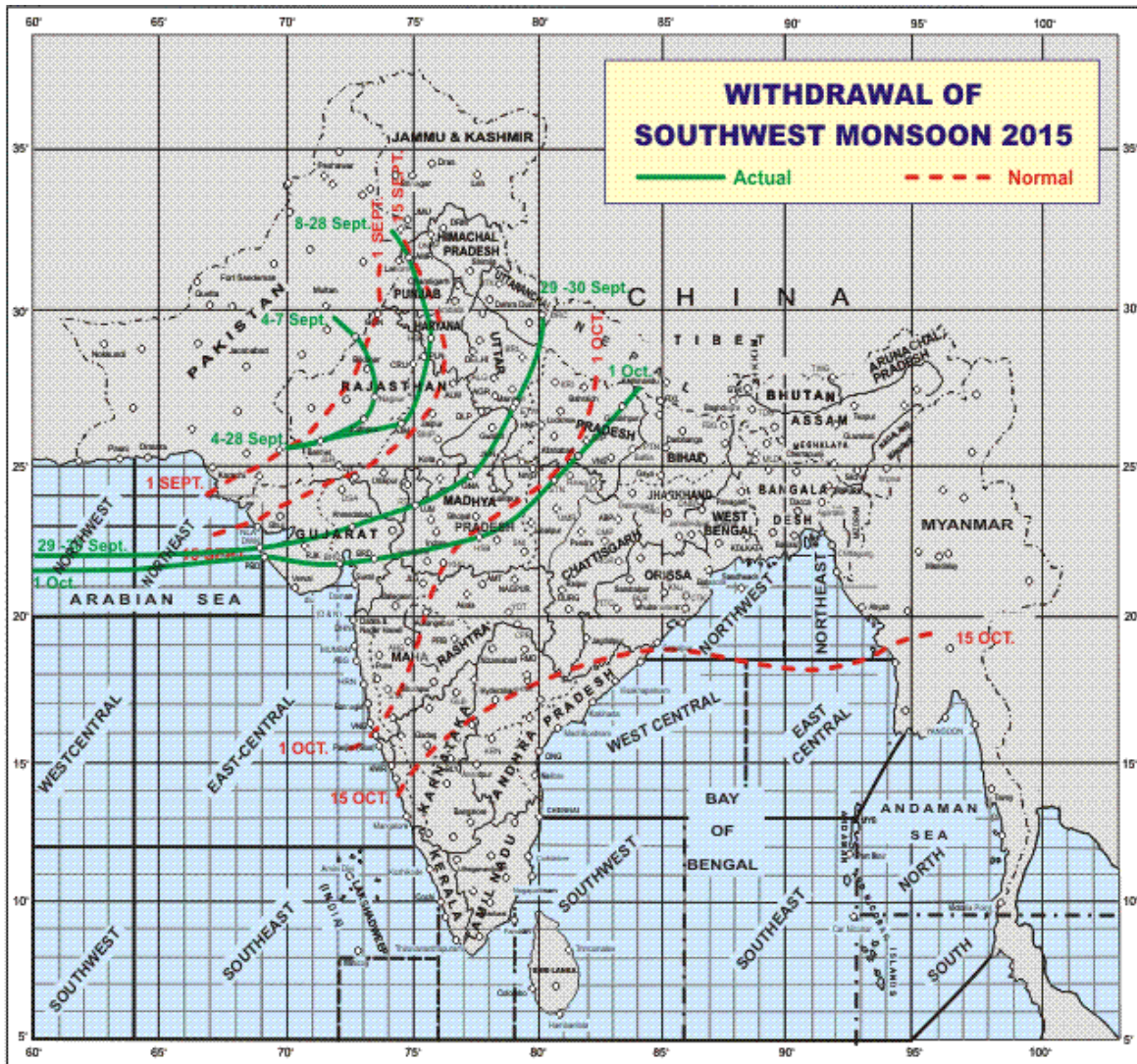


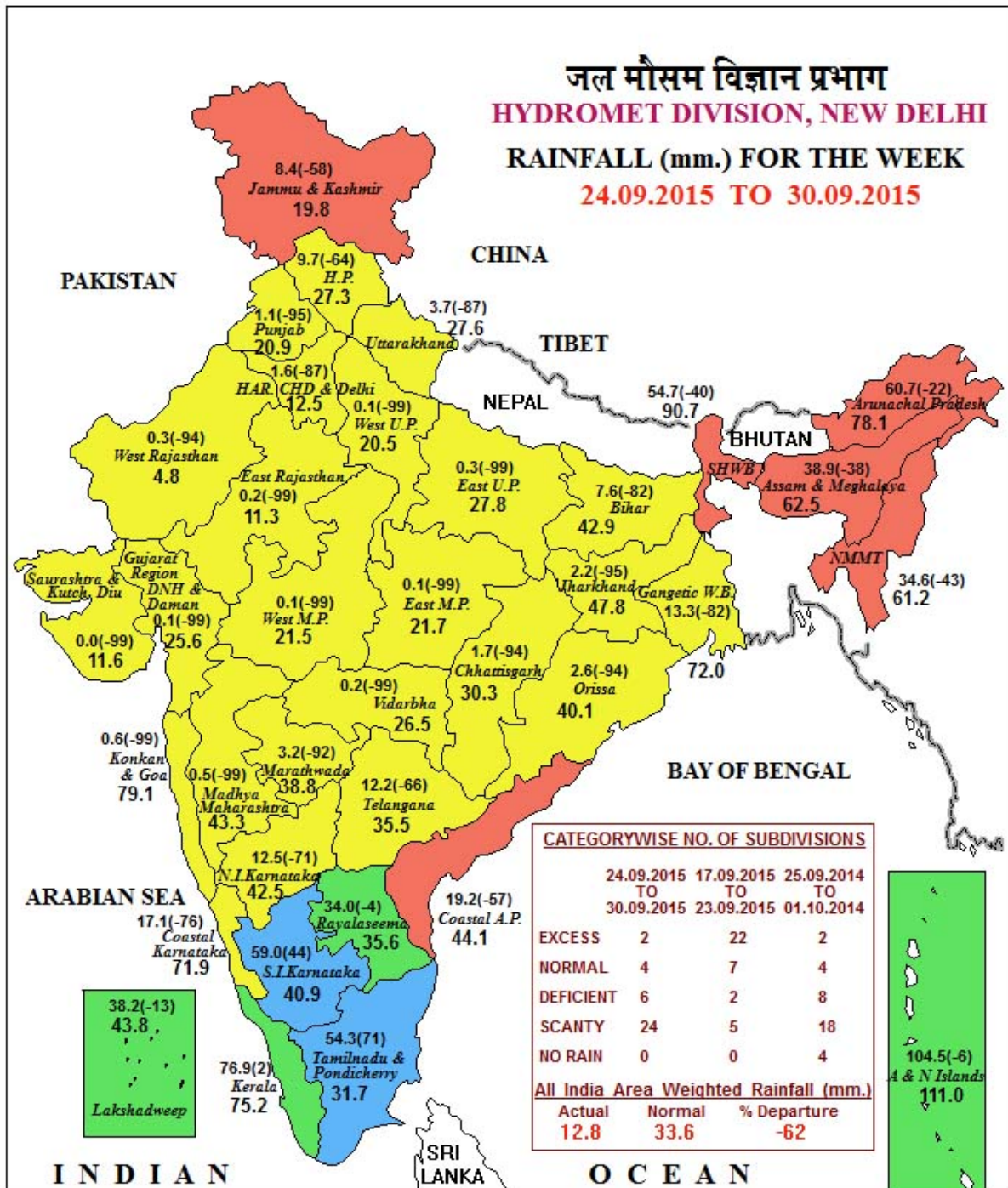
- Normal to above normal rainfall is likely over south Peninsular India till 13 October.
- A western disturbance may cause nearly normal rainfall over western Himalayan region during the period 13-18 October.

**Legend:**

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

This is the last press release of Southwest Monsoon 2015

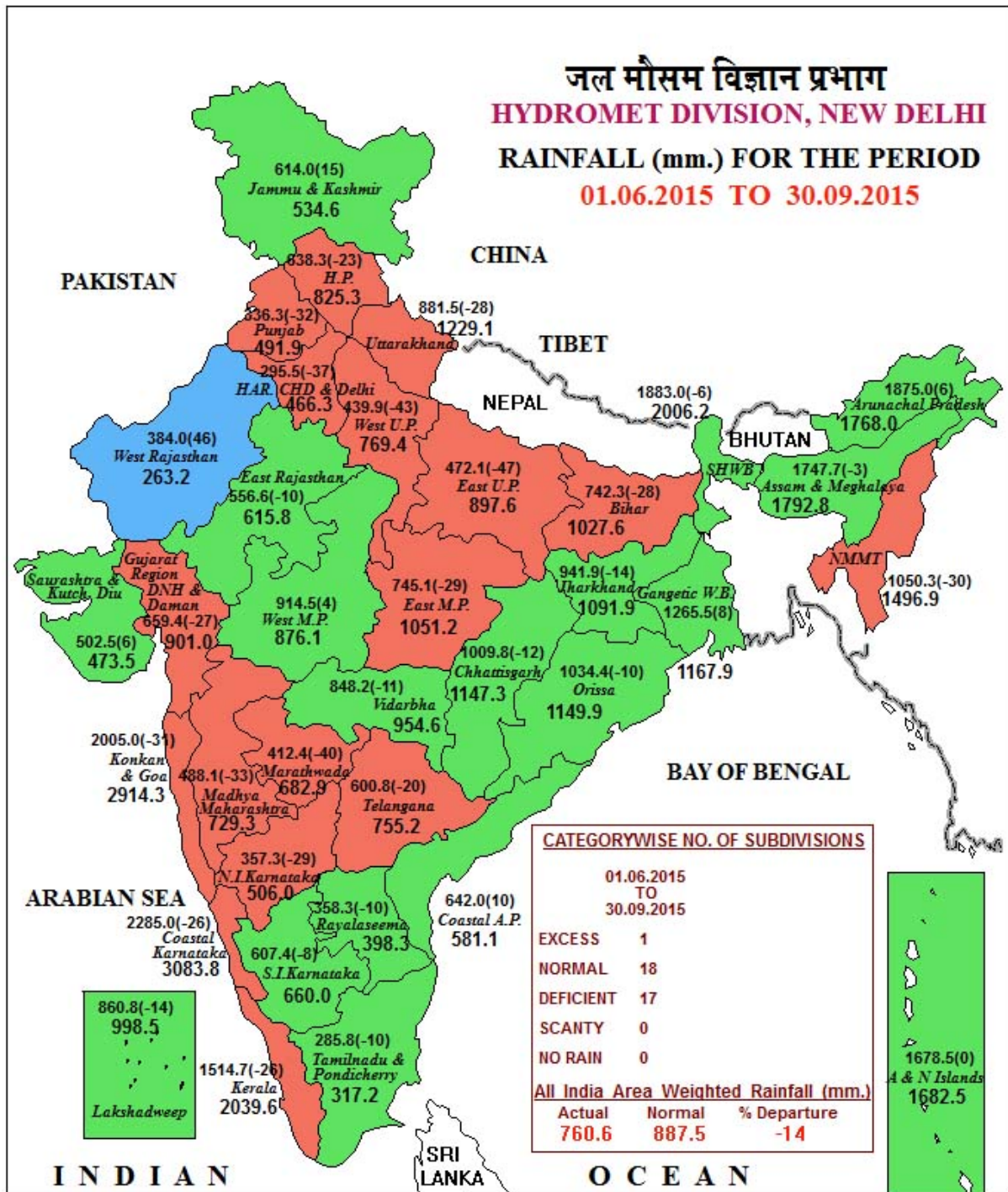




LEGEND: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT (-20% TO -59%)  
■ SCANTY (-60% TO -99%) ■ NO RAIN (-100%)  NO DATA

**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.



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