

## Pre-Monsoon Rainfall Season

### Pre-Monsoon Rainfall (in mm) from 1 March to 19 March 2019

The cumulative seasonal rainfall during monsoon season over the country was 12.4 mm which -30% up as normal rainfall of 17.7 mm.

MET.SUBDIVISION/UT/STATE/DISTRICT	ACTUAL(mm)	NORMAL(mm)	%DEP.	CAT.
<b>REGION : EAST AND NORTH EAST</b>				
<b>INDIA</b>	<b>28.4</b>	<b>33.7</b>	<b>-16%</b>	
GANGETIC WEST BENGAL	33.8	13.6	148%	LE
JHARKHAND	17.9	9.6	87%	LE
BIHAR	0.7	4.9	-87%	LD
<b>REGION : NORTH WEST INDIA</b>	<b>18.1</b>	<b>29.4</b>	<b>-39%</b>	
EAST UTTAR PRADESH	3.5	5.3	-34%	D
WEST UTTAR PRADESH	5.1	6.5	-22%	D
UTTARAKHAND	24.6	34	-28%	D
PUNJAB	9.4	15.8	-41%	D
WEST RAJASTHAN	1.5	1.5	2%	N
EAST RAJASTHAN	0.7	1.4	-52%	D
<b>REGION : CENTRAL INDIA</b>	<b>5.7</b>	<b>5.7</b>	<b>-1%</b>	
WEST MADHYA PRADESH	1.6	2.6	-37%	D
EAST MADHYA PRADESH	11.8	7.8	52%	E
GUJARAT REGION	0	0	-100%	NR
SAURASHTRA & KUTCH	0	0.1	-97%	LD
KONKAN & GOA	0	0	-100%	NR
MADHYA MAHARASHTRA	0	1.1	-100%	NR
MARATHWADA	0	3.8	-100%	NR
VIDARBHA	1	7.6	-87%	LD
CHHATTISGARH	8.9	6.7	33%	E
<b>REGION : SOUTH PENINSULA</b>	<b>2.3</b>	<b>6.8</b>	<b>-67%</b>	
A & N ISLAND	0.1	15.1	-99%	LD
COASTAL ANDHRA PRADESH	6.1	6.7	-9%	N
TELANGANA	0.8	6.2	-88%	LD
RAYALASEEMA	0	3.8	-100%	NR
TAMILNADU & PONDICHERY	3.1	11.6	-73%	LD
COASTAL KARNATAKA	0.5	2.1	-77%	LD
N. I. KARNATAKA	0	2	-100%	NR
S. I. KARNATAKA	0.6	4.6	-88%	LD
<b>COUNTRY :</b>	<b>12.4</b>	<b>17.7</b>	<b>-30%</b>	

## All India Weather Warning Bulletin seasonal

**20 March (Day 1):** ♦ Thunderstorm accompanied with hailstorm, lightning & gusty winds at isolated places very likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Punjab.

♦ Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Haryana, Chandigarh & Delhi, Southeast Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, North Coastal Andhra Pradesh and Kerala.

♦ Heavy rain at isolated places likely over Arunachal Pradesh.

**21 March (Day 2):** ♦ Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Southeast Madhya Pradesh, Vidarbha and Chhattisgarh Gangetic West Bengal and Odisha.

**22 March (Day 3):** ♦ Thundersquall accompanied with lightning at isolated places likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

**23 March (Day 4):** ♦ No weather warning.

**24 March (Day 5):** ♦ No weather warning.

**RAINFALL FORECAST**

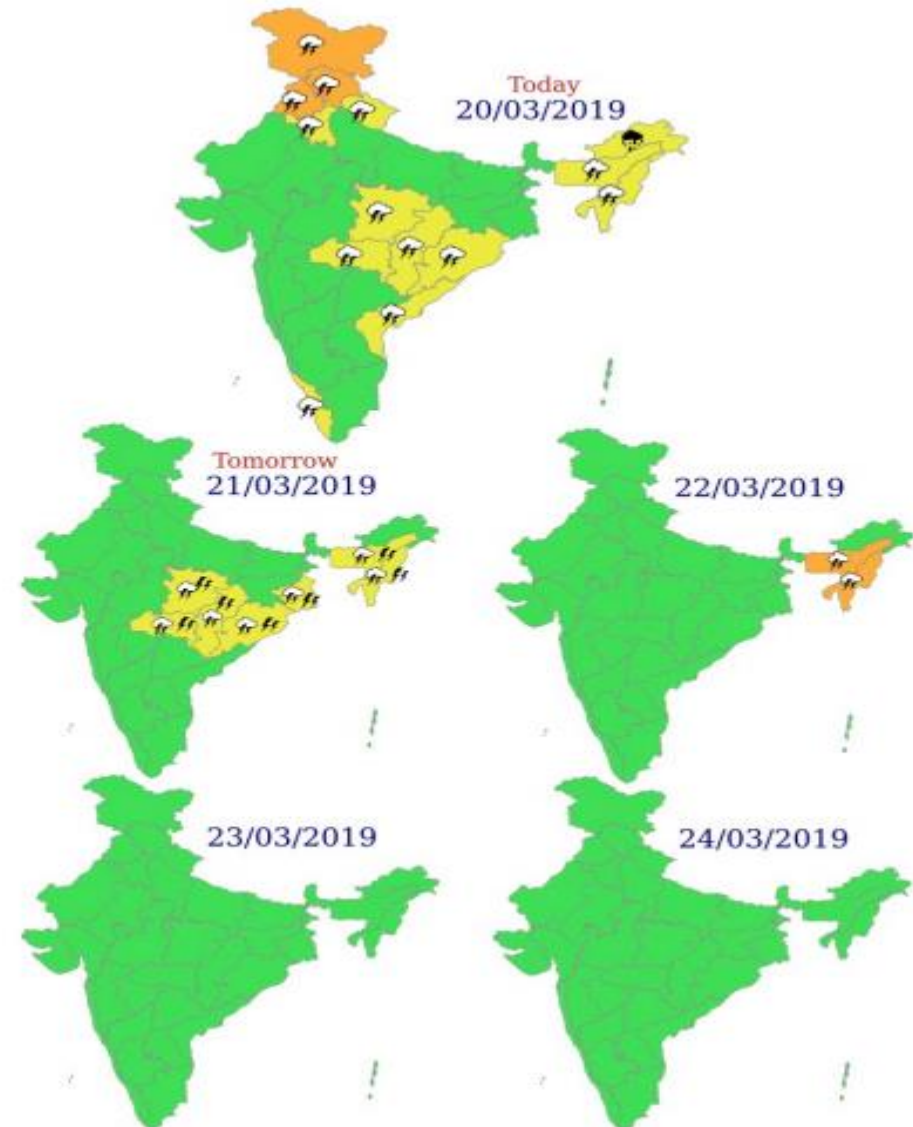
**5-Day Rainfall Forecast 2018**

Met-Sub-Division	20-Mar Today	21Mar Thu	22Mar Fri	23Mar Sat	24Mar Sun
1. Andaman & Nicobar Islands	ISOL	DRY	DRY	DRY	DRY
2. Arunachal Pradesh	FWS	SCT	FWS	FWS	FWS
3. Assam & Meghalaya	ISOL	ISOL	SCT	ISOL	ISOL
4. N. M. M. & T.	SCT	ISOL	SCT	ISOL	ISOL
5. S.H. West Bengal & Sikkim	ISOL	ISOL	DRY	DRY	DRY
6. Gangetic West Bengal	DRY	ISOL	DRY	DRY	DRY
7. Odisha	ISOL	ISOL	DRY	DRY	DRY
8. Jharkhand	DRY	ISOL	DRY	DRY	DRY
9. Bihar	DRY	ISOL	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	ISOL	DRY	DRY	DRY
11. West Uttar Pradesh	ISOL	DRY	DRY	DRY	DRY
12. Uttarakhand	SCT	ISOL	DRY	DRY	DRY
13. Haryana, Chd & Delhi	ISOL	DRY	DRY	DRY	DRY
14. Punjab	ISOL	DRY	DRY	ISOL	ISOL
15. Himachal Pradesh	WS	FWS	ISOL	ISOL	ISOL
16. Jammu & Kashmir	WS	SCT	ISOL	SCT	SCT
17. West Rajasthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	ISOL	ISOL	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	DRY
25. Marathwada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	ISOL	ISOL	DRY	DRY	DRY
27. Chhattisgarh	ISOL	ISOL	ISOL	ISOL	ISOL
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
29. Telangana	ISOL	ISOL	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	DRY	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	DRY	DRY	DRY
34. South Interior Karnataka	DRY	DRY	DRY	DRY	DRY
35. Kerala	ISOL	ISOL	ISOL	DRY	DRY
36. Lakshadweep	DRY	DRY	DRY	DRY	DRY

**% Station Reporting Rainfall**

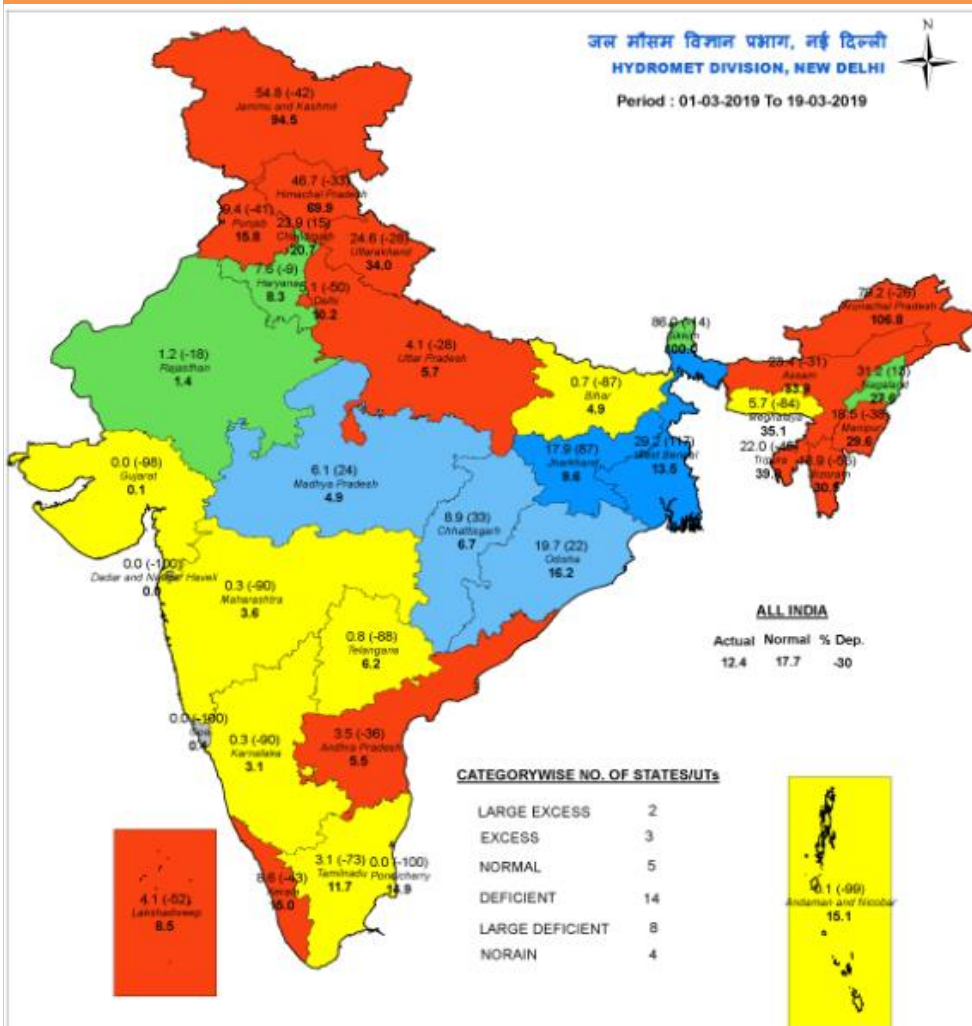
% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

**Weather warning during next 5 days**

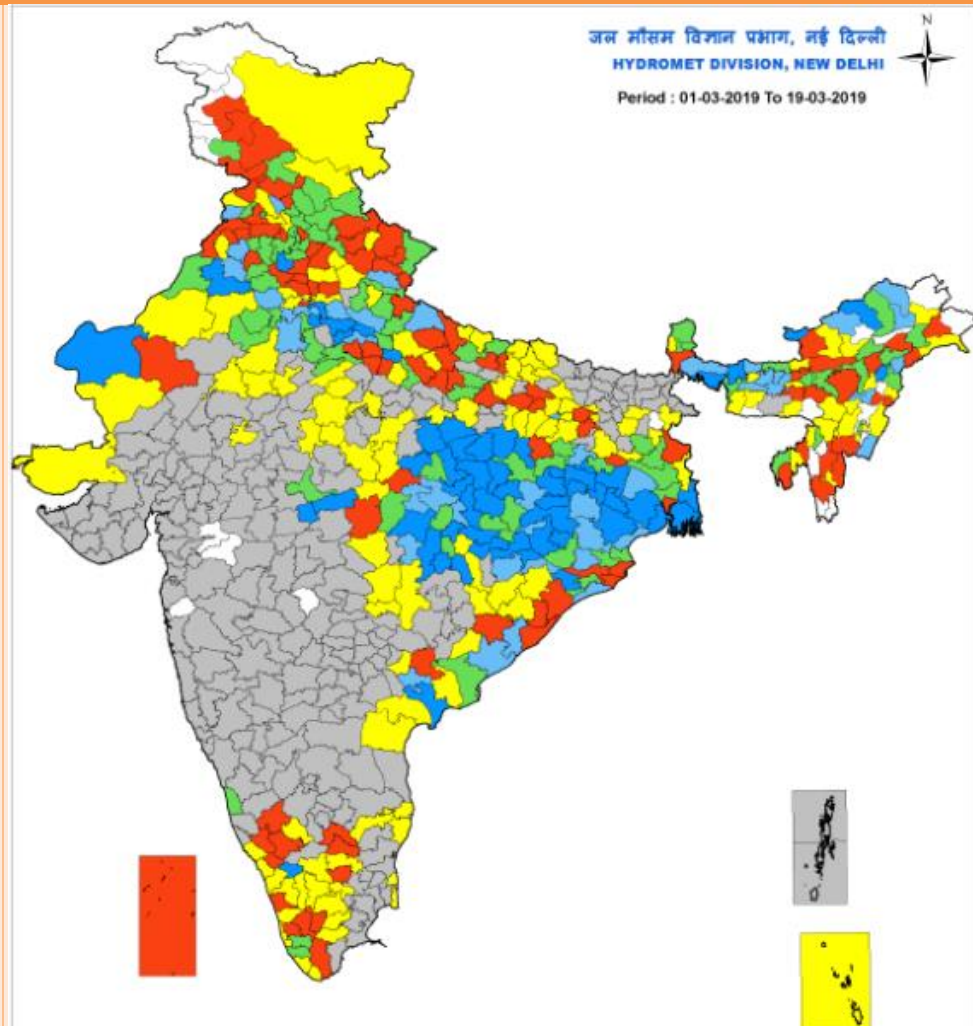


**NORTHEAST-RAINFALL MAPS**

**State Rainfall Map**



**District Rainfall Map**



**Legend**

- Large Excess [ 60% or more ]
- Excess [ 20% to 59% ]
- Normal [ -19% to 19% ]
- Deficient [ -59% to -20% ]
- Large Deficient [ -99% to -60% ]
- No Rain [ -100% ]
- NO DATA