



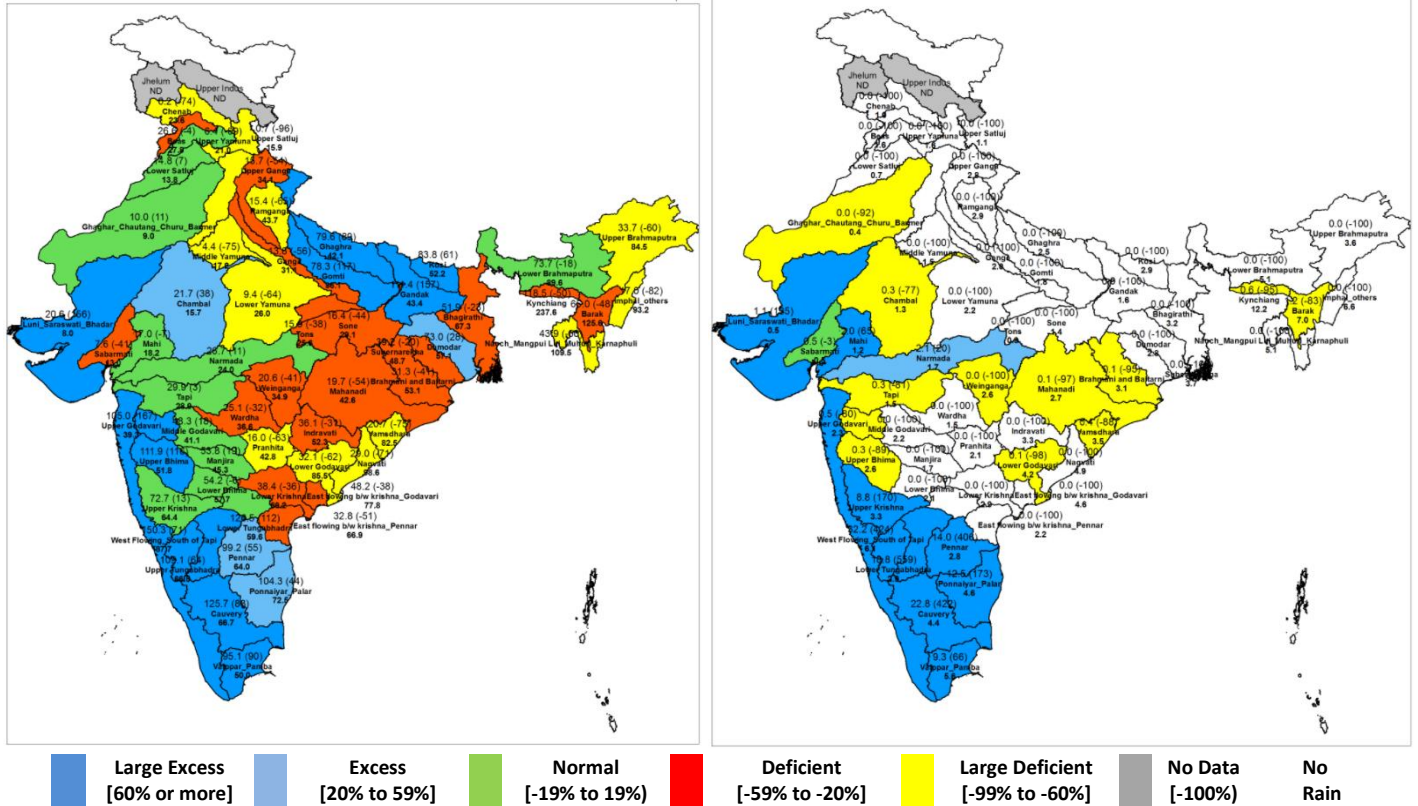
**Central Water Commission**  
**Special Flood Advisory for Kerala, Tamilnadu, Karnataka**  
**12-10-2021**

**1.0 Rainfall Situation**

**1.1 Basin wise departure from normal of cumulative and daily rainfall**

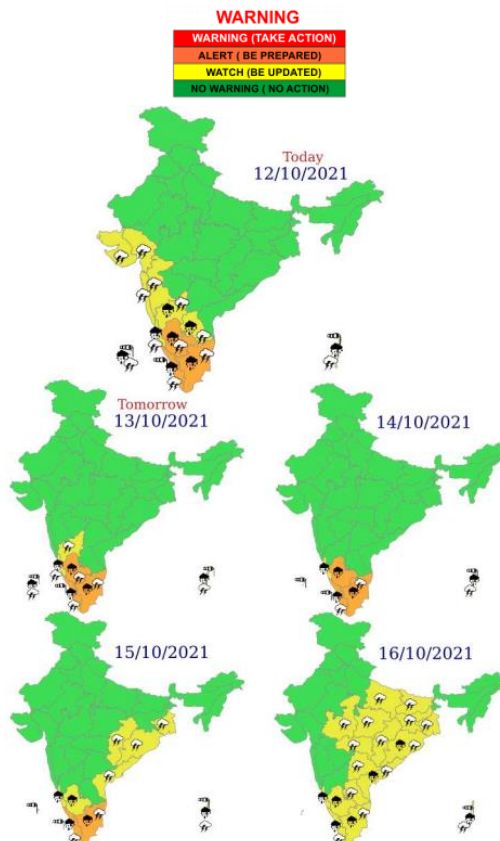
**RIVER BASIN RAINFALL MAP : INDIA**  
 Period :01-10-2021 To 12-10-2021

**RIVER BASIN RAINFALL MAP : INDIA**  
 Date :12-10-2021



Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
 b) Percentage departures of rainfall are shown in brackets.

**1.2 Rainfall forecast for next 5 days issued on 12<sup>th</sup> October, 2021 (Midday) by IMD**



- Very Heavy Rainfall over Kerala & Mahe and Tamilnadu during 12th -15th; over South Interior Karnataka during 12th-14th October, 2021.

### 1.3 QPF issued by FMO, Thiruvananthapuram for next 5 days

Sl.No	Basin Name	Sub-basin Name	QPF (mm)				
			Day-1 (12/10/2021)	Day-2 (13/10/2021)	Day-3 (14/10/2021)	Day-4 (15/10/2021)	Day-5 (16/10/2021)
1	West Flowing Rivers	Bharathapuzha	76-100	51-75	38-50	26-37	11-25
2	West Flowing Rivers	Periyar	51-75	51-75	26-37	11-25	11-25
3	West Flowing Rivers	Lower Periyar	51-75	51-75	26-37	11-25	11-25
4	West Flowing Rivers	Upper Periyar	51-75	51-75	26-37	11-25	11-25
5	West Flowing Rivers	Chalakkudi	51-75	38-50	26-37	11-25	11-25
6	West Flowing Rivers	Meenachil	38-50	26-37	11-25	11-25	11-25
7	West Flowing Rivers	Pamba	26-37	11-25	11-25	11-25	11-25
8	West Flowing Rivers	Achankoil	26-37	26-37	26-37	11-25	11-25

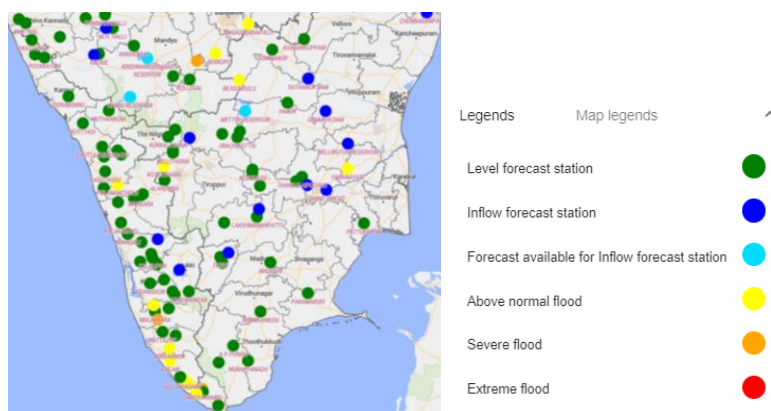
QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

## 2.0 CWC Advisories

### 2.1 Special Advisory for Kerala

Vigorous rainfall activity in Kerala from last 2 days has created severe to above normal flood situation in southern and central parts of Kerala, mainly in districts **Trivandrum, Kollam, Pattanamthitta & Palakkad**. Presently, rivers Neyyar, Karamana & Vamanapuram (**Trivandrum** dist.); Ithikkara river (**Kollam** dist.); Manimala river (**Pattanamthitta** dist.), Bhavani river (**Palakkad** dist.) are following in above normal flood situation with falling trend. Rivers Achankovil (**Pattanamthitta** dist.) is following in severe flood situation with rising trend. River Pulanthodu (**Palakkad** dist.) is following in above normal flood situation with rising trend. As per CWC observed data, the sites where rivers are following in severe and above normal flood situation are given below.



As per the weather forecast issued by IMD, intense rainfall activity will continue in Kerala for next 3 to 4 days. Alert may be kept in districts **Kasaragod, Kannur, Kozhikode, Wayanad, Malappuram, Thrissur, Palakkad, Ernakulam & Idukki**. Watch needs to be kept for rivers Shiriya, Payaswani, Chandragiri, Kudhirapuzha, Kadalundi, Chaliyar, Kuttyadi, Iruvazhinjipuzha, Kabini, Valapatnam (North Kerala); Chalakudy, Gayatri, Keecheri, Periyar, Kaliyar Kothamangalam, Muvattupuzha, Bhavani, Bharathapuzha, Kannadipuzha, Pилanthodu, Thodupuzha (Central Kerala) and tributaries of above mentioned rivers. Flood affected and Flood alerted regions are shown below.

**Heavy rainfall in Nilgris and Coimbatore will rise water level in Bhavani river and its tributaries (Palakkad dist.). Water levels are expected to cross Danger Level in rivers such as Bharathapuzha, Periyar, Chalakkudi, rivers of North Kerala and its tributaries.**

Dams such as Idukki, Idamalayar, Kakki, Banasura, Mattupetti, Sholayar, Poringalputtu, Kundala, Kallarkuzhi are having high storages. Increased inflows are expected to these dams. Releases from these dams may be done as per SOP after informing low lying areas in advance.

### 2.2 Special Advisory for Tamil Nadu

Alerts may be kept in districts **Nilgris, Coimbatore and Erode**. Watch needs to be maintained for rivers Ponnaiyar and the tributaries of Cauvery mainly Bhavani and Amaravathi. Currently, river Kodaiyar is flowing in severe flood situation in **Kanyakumari** district with falling trend. River Ponnaiyar (East flowing rivers between Pennar and Kanyakumari basin) is flowing in above normal flood situation with rising trend. River Thambraparni and Marudaiyar (Cauvery basin) are flowing in above normal flood situation with falling trend.

### 2.3 Special Advisory for Karnataka

Currently, river Shimsha is flowing in severe flood situation in Mandya district. River Arkavathi is flowing in above normal flood situation with rising trend in Bengaluru (Rural). Alert may be kept in districts **Shimoga, Chickmagalur, Hassan, Tumkur, Mandya, Mysore & Kodagu**. Water level is expected to rise in rivers such as Pennar, tributaries of Krishna such as Bhadra, Tunga, Cauvery and its tributaries such as Hemavathi, Shimsha, Yagachi, Hebbahalla, Kabini, Lakshmanthirtha, Harangi etc. All the major dams in Krishna and Cauvery basins are having high storages, hence releases from these dams may be done as per SOP after informing low lying areas in advance. Flood affected and Flood alerted regions are shown below.

