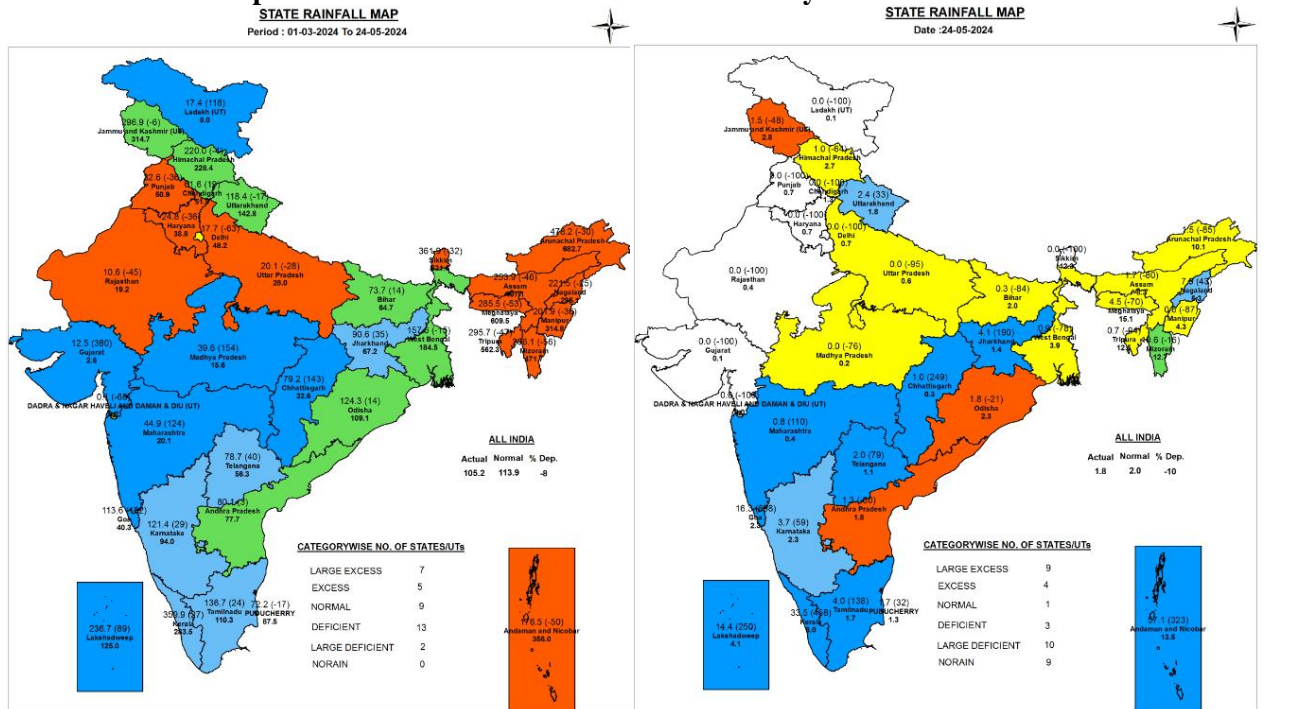




Central Water Commission  
Special Flood Advisory for Kerala and Tamilnadu  
24-05-2024

1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



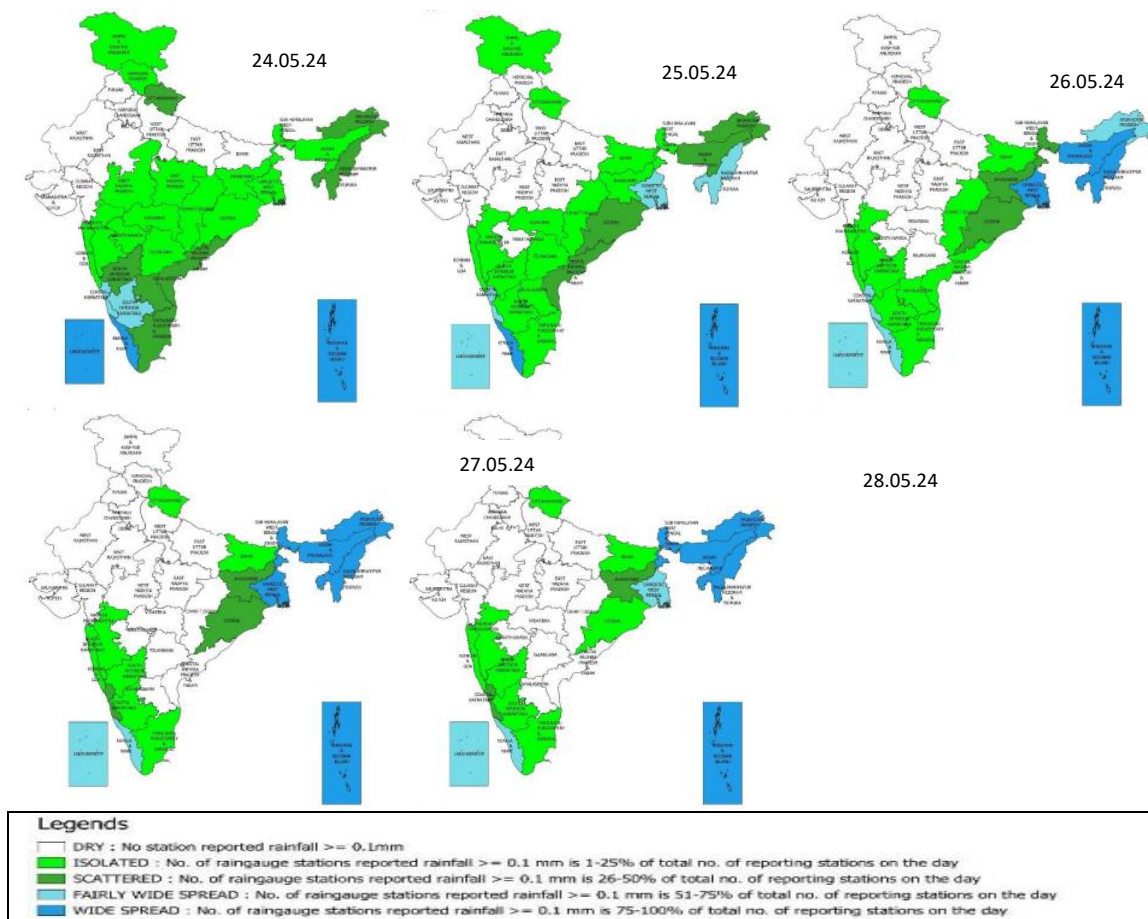
Legend

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

NOTES :

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

1.2 Rainfall forecast for next 5 days issued on 4<sup>th</sup> December 2023 (Midday) by IMD



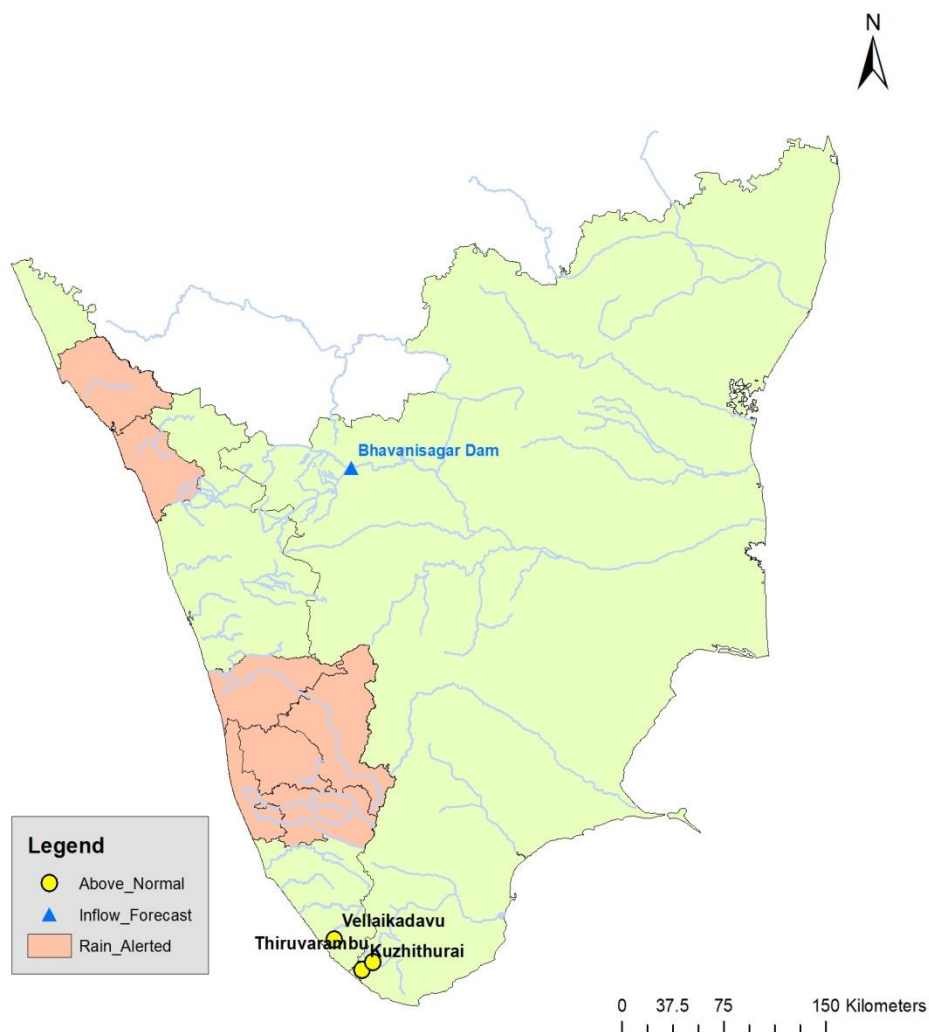
## 2.0 Flood Situation and Advisories

### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

PART - I: LEVEL FORECAST		(Total Sites - 200)	
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		0
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))		0
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)		0
Total number of sites above Warning Level ( A+B+C)			0
PART - II: INFLOW FORECAST		(Total Sites - 138)	
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Tamil Nadu(1)	1

Details are given at link: [https://cwc.gov.in/sites/default/files/cfrcwcdfb24.05.2024\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb24.05.2024_5.pdf)

### Flood Situation Map



## 2.2 CWC Advisories

### Kerala & Tamilnadu

Due to the presence of cyclonic circulation over south Kerala & neighbourhood and extends upto 5.8 km above mean sea level. IMD has predicted very heavy rains in districts of Kerala such as Kannur, Kozhikode, Ernakulam, Idukki, Alapuzha, Kottayam and Pattanamthitta for next 24 hours. Alert for water level rise may kept in rivers Periyar, Pampa, Manimala, Meenachil, Achankovil and other small rivers over the region.

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Thiruvarambu	Kodaiyar	Kanyakumari	Above Normal	Rising
vellaikadavu	Karamana	Thiruvananthapuram	Above Normal	Rising
Kuzhithurai	Thambraparni	Kanyakumari	Above Normal	Falling

## 2.3 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 25-05-2024 :**

**Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Southern parts of Kerala & Mahe** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.

