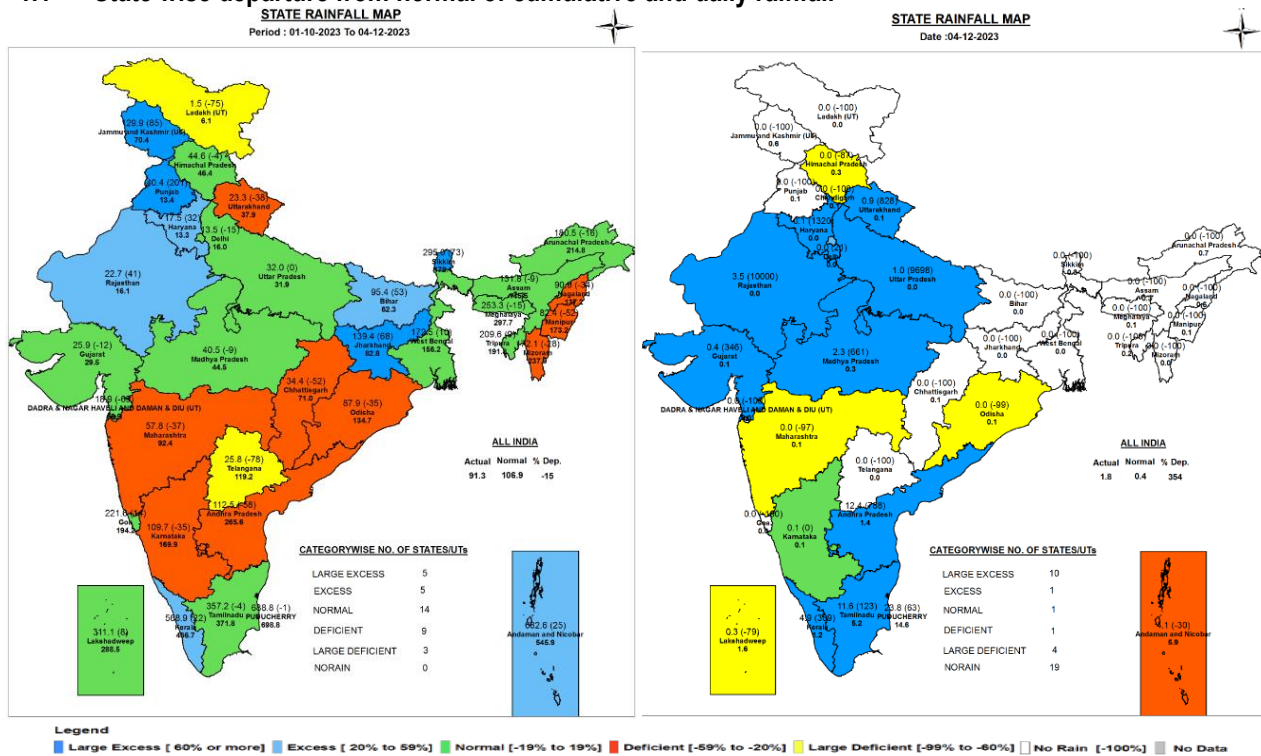




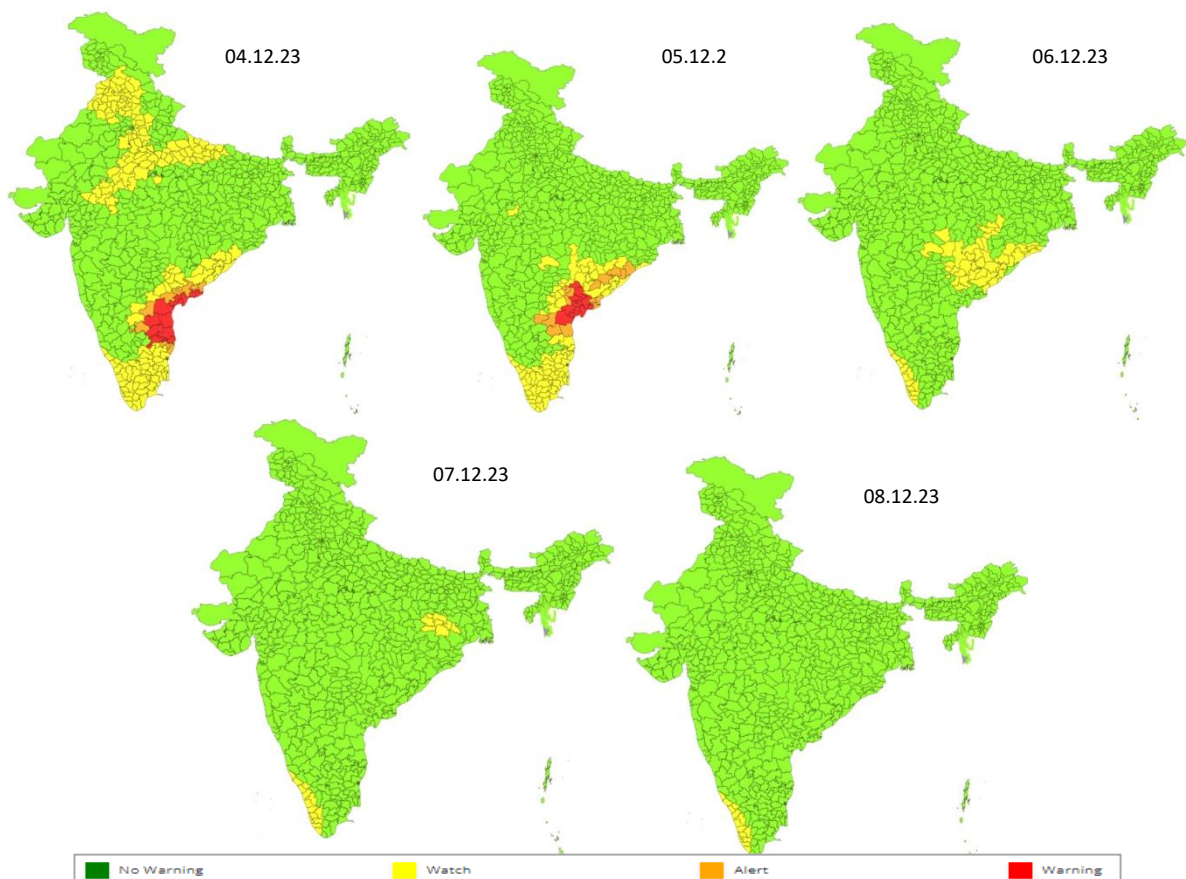
Central Water Commission  
Special Flood Advisory for Andhra Pradesh and Tamilnadu  
04-12-2023

1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



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



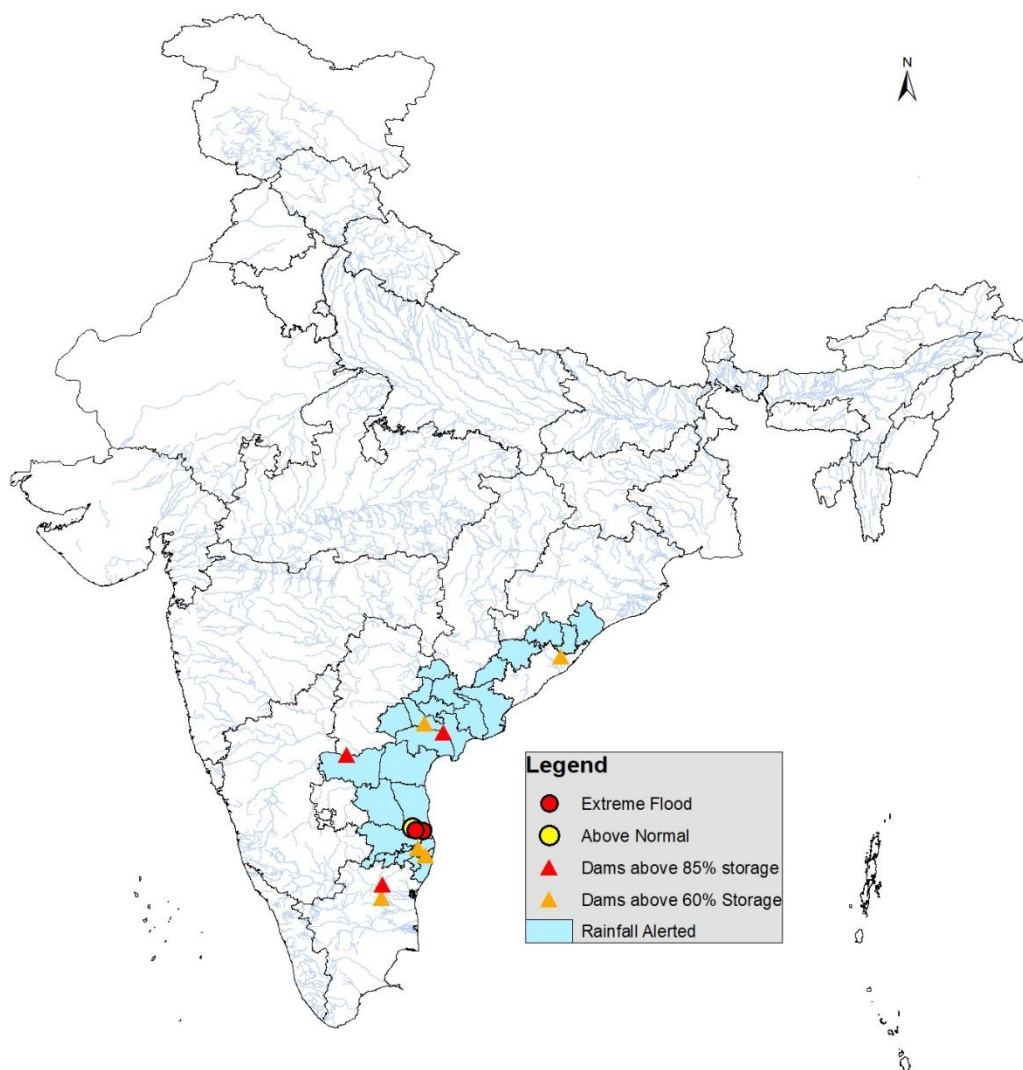
## 2.0 Flood Situation and Advisories

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

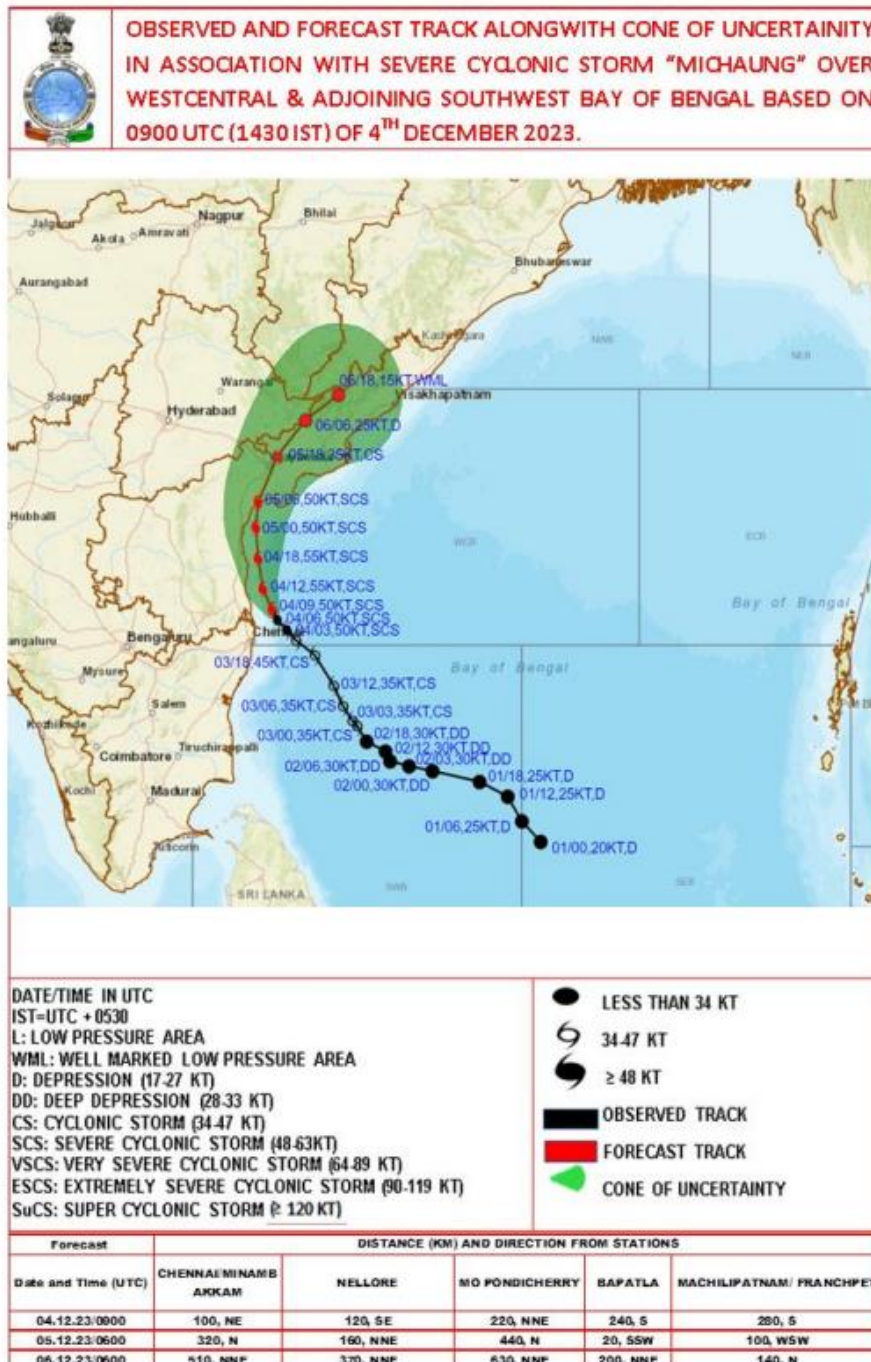
PART - I: LEVEL FORECAST		(Total Sites - 200)	
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))		0
C	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)			0

Details are given at link: [https://cwc.gov.in/sites/default/files/cfrcwcdfb-04.12.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb-04.12.2023_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.1.2 Track of Cyclone 'Michaung' as per IMD



## 2.2 CWC Advisories

Due to movement of Severe Cyclonic Storm Michaung very near and parallel to the north Tamilnadu and south Andhra Pradesh coast, extremely heavy to very heavy rainfall is happening in the coastal districts of Tamilnadu and Andhra Pradesh and as per IMD predictions rainfall is expected to continue till 06.12.2023.

### Andhra Pradesh

IMD has predicted very heavy to extremely heavy rainfall in districts **Chittoor, Thirupathi, Annamayya, YSR district, Nandyal, SPSR Nellore, Prakasam, Bapatla, Guntur, Palnadu, Krishna, NTR district, West Godavari, Eluru, Konaseema, Yanam, East Godavari, Kakinada and Alluri Sitaramaraju**. Water level is expected to rise in rivers such as Swarnamukhi, Nagari, Kalangi, Cheyeru, Papagni, Gundlakamma, rivers of Pennar basin, tributaries of lower Krishna and Lower Godavari basin. Flood like situation may occur in flood prone areas of coastal Andhra and neighborhood. Increased inflow is expected into Somasila dam. Projects in the said districts may be operated as per



SOP and releases may be done after informing lower riparian regions. Flood Situation as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Pallamala	Kalangi	Chittoor	Extreme	Rising
Sullurpet	Kalangi	Nellore	Extreme	Rising
Verupakshapuram	Swarnamukhi	Chittoor	Above Normal	Rising

## Tamilnadu

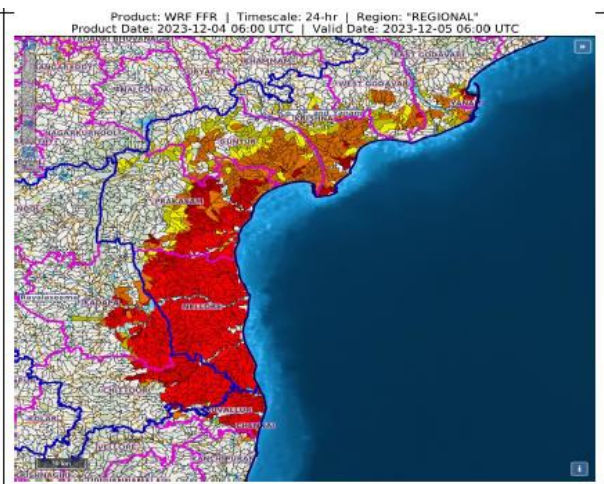
Heavy to Extremely heavy rainfall activity is happening in the north coastal and nearby areas of Tamilnadu from past 2 days and rainfall is expected to continue till 04.12.23 night as per IMD in districts **Thiruvallur, Kancheepuram, Chennai, Chengalpattu and Ranipet**. Increased water levels are expected to continue in Kosasthalaiyyar, Adyar, Araniar till tomorrow. Projects in the said districts may be operated as per SOP and releases may be done after informing lower riparian regions.

## 2.3 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 05-12-2023 :**

**Moderate to High flash flood risk** likely over few watersheds & neighbourhoods of **Coastal AP & Yanam, Rayalaseema** adjoining northern parts of **Tamil Nadu - Pudu & Karaikal** 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.



### 3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 4<sup>th</sup> December 2023

#### Reservoirs Position

Storage above 85%	
Storage above 60%	

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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Sl.No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/DSDistrict	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1.	Sunkesula	Tungabhadra/ Lower Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
2.	Gotta Barrage	Vamsadhara/Vamsadhara/EFR(Mah anadi to Pennar)	AP	Srikakulum					
3.	Prakasam Barrage	Krishna/Lower Krishna/Krishna	AP	Krishna/Guntur					
4.	Pulichintala Dam	Krishna /Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
5.	Sathnur	Ponnaiar/Middle SouthPennar/EastFlowriversbetweenPenn & Cauvery B	TN	Vizianagaram					
6.	Gomukhi Dam	Vellar/East flowing rivers between Pennar and Kanyakumari	TN	Villupuram/Chennai					
7.	Chembarampakkam	Adyar/Adyar/ East flowing rivers between Pennar and Kannykumari Basin	TN	Thiruvallur/Chennai					
8.	Poondi dam	Kosasthalaiyar/East flowing rivers between Pennar and Kanyakumari Basin	TN	Tiruvallur/Chennai					

Note- Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence