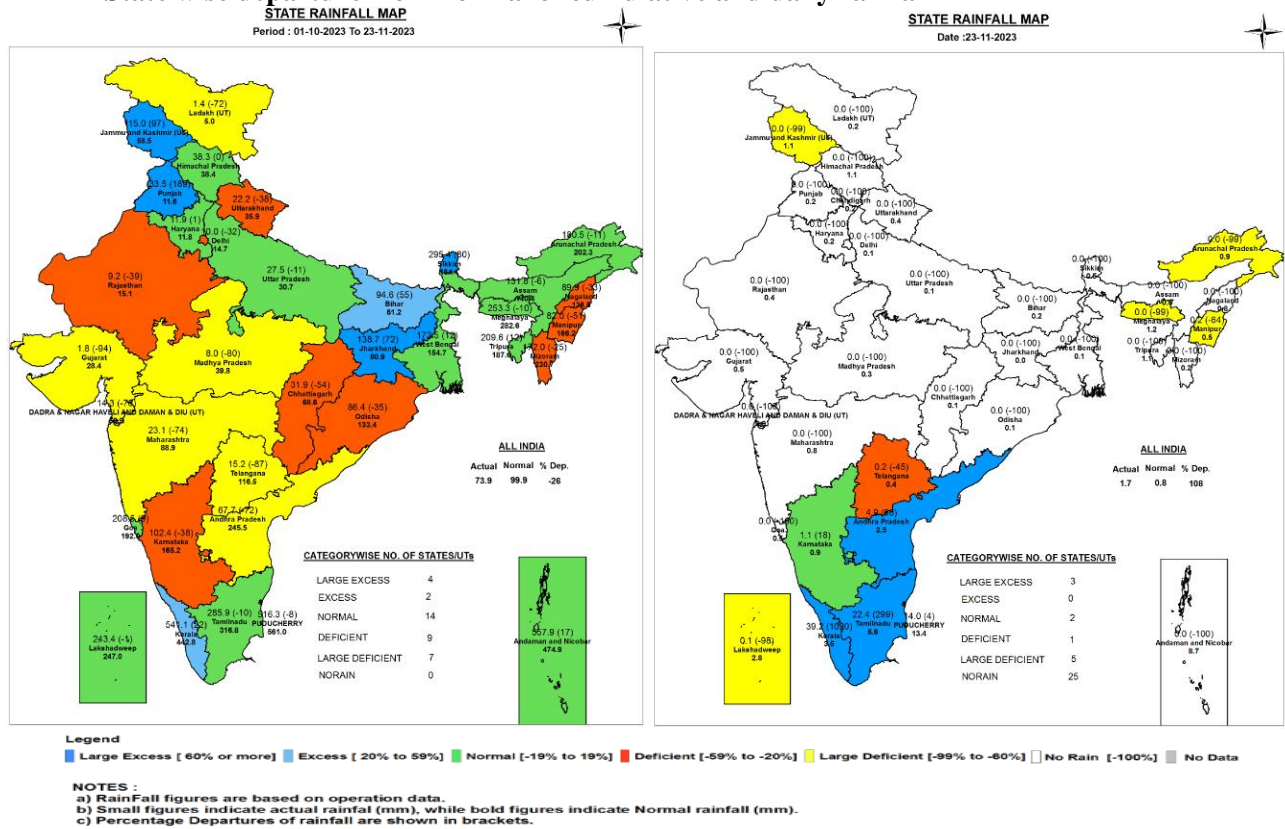




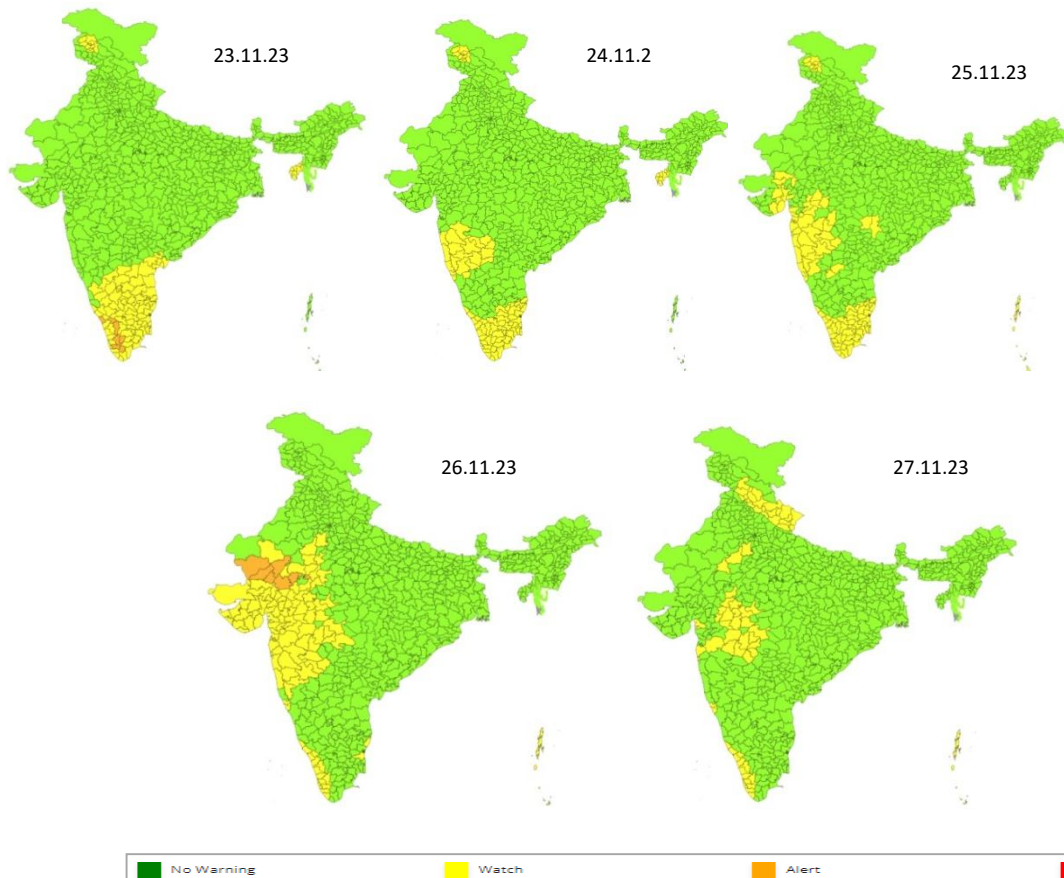
Central Water Commission
Special Flood Advisory for Kerala and Tamilnadu
23-11-2023

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 23th November 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

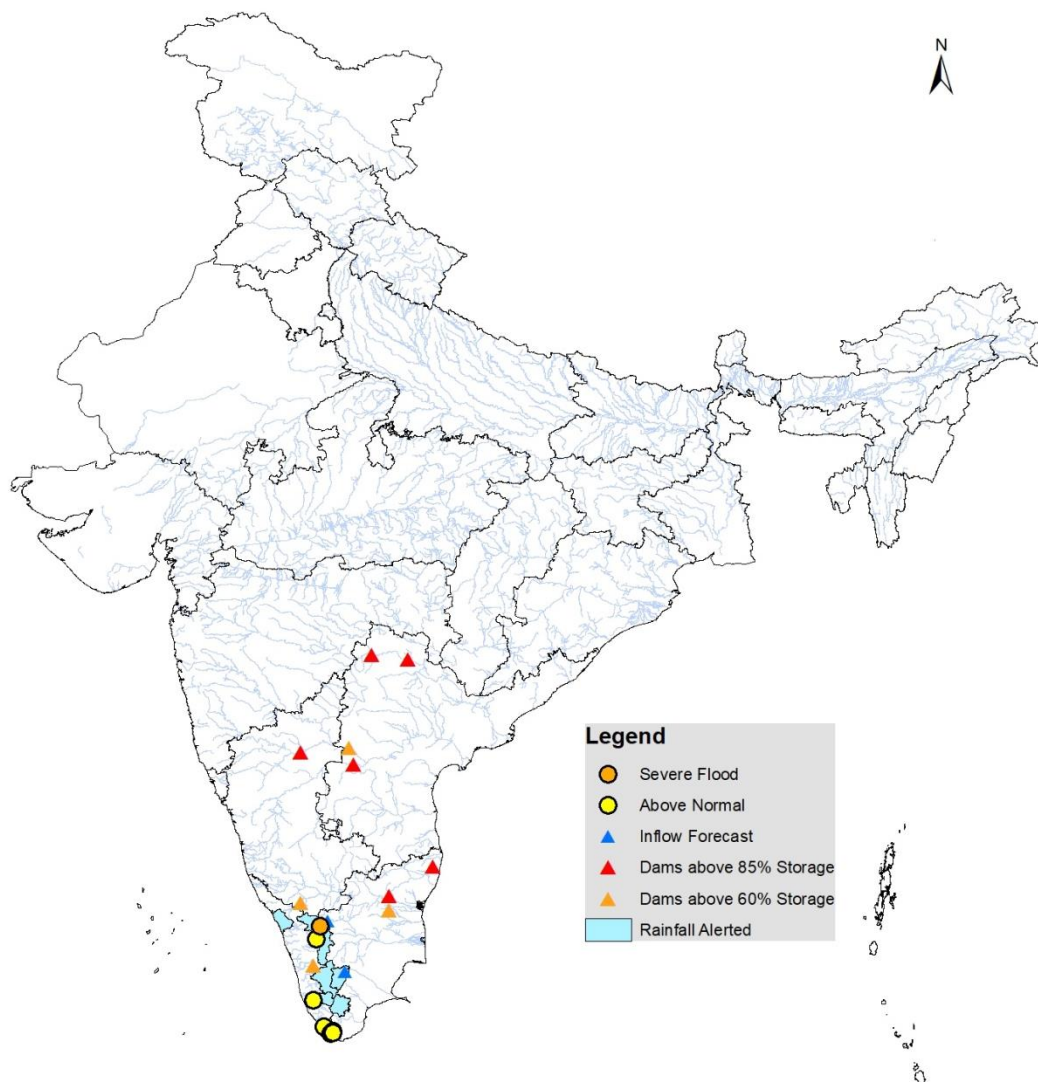
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd November, 2023, Inflow Forecast has been issued for 2 Dams and Barrages in Tamil Nadu.

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)		Tamil Nadu(2)	2	

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrwcdfb-23.11.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Kerala

From past 2 to 3 days heavy to very heavy rainfall are happening in the state. As per IMD very heavy rainfall are expected to continue for next 24 hours in districts **Kozhikode, Idukki and Pathanamthitta**. Hence keep alert for rise in water level in rivers Mahe, Kuttiyadi, Korapuzha, Kallayi, Chaliyar in Kozhikode dist.; Meenachil-Thodupuzha, Periyar, Bhavani(Cauvery basin) in Idukki dist.; Pamba Achankoil in Pathanamthitta district for next 2 days. Also, Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Thumpamon	Achankovil	Pathanamthitta	Above Normal	Falling
Vellaikadavu	Karamana	Thiruvananthapuram	Above Normal	Falling
Aruvipuram	Neyyar	Thiruvananthapuram	Above Normal	Falling

All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian areas. Projects with high storages are listed below:

Project	District	Storage Percentage
Lower Periyar	Idukki	100
Ponmudi	Idukki	99.7
Kanjirapuzha	Palakkad	99
Mangalam	Palakkad	97
Neyyar	Tiruvananthapuram	93
Kundala	Idukki	92
Sholayar	Thrissur	91.7
Anayirankal	Idukki	87.3
Kallada	Kollam	87
Poringalkuthu	Thrissur	86.4
Madupetty	Idukki	80
Kakki	Pathanamthitta	77.5
Banasurasagar	Wayanad	76.9

Tamilnadu

The state is receiving very heavy rains from past 2 to 3 days and as per IMD very heavy rainfall are expected to continue for next 24 hours in districts Nilgris, Coimbatore, Theni and Thenkasi. Hence keep alert for water level rise in rivers such as Cauvery, Pollachi, Vaigai, Tambraparni and its tributaries for next 2 days. Increased inflow is expected into projects such as Vaigai and Bhavanisagar. Also Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Odandurai	Kallar	Coimbatore	Severe	Falling
Kuzhithurai	Thambraparni	Kanyakumari	Above Normal	Rising
Thiruvattar	Paralayar	Kanyakumari	Above Normal	Falling
Thiruvarambu	Kodaiyar	Kanyakumari	Above Normal	Falling
Alandurai	Noyyal	Coimbatore	Above Normal	Falling

All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian areas. Projects with high storages are listed below:

Project	District	Storage Percentage
Sathanur	Thiruvannamalai	93.9
Krishnagiri	Krishnagiri	89.1
Perunchani	Kanyakumari	87.2
Pechiparai	Kanyakumari	87.1
Vaigai	Theni	85.5
Amaravathi	Thiruppur	79.1
Kabini	Mysore (Karnataka)	71.2

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 23rd November 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
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Sl.No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/DSDistrict	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1.	SripadaYellampally	Godavari/MiddGodavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
2.	Sriramasagar	Godavari/MiddleGodavari/Godavari	Tel	Nanded(Mah),Nirmal,Metpally,Mancherial(Tel)					
3.	PD Jurala	Krishna/Lower Krishna/Krishna	Tel	Mahbubnagar					
4.	Sunkesula	Tungabhadra/ Lower Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
5.	Idamalayar	Periyar/ West flowing rivers from Tadri to Kanyakumri	Kerala	Ernakulam/Kochi					
6.	kabini	Kabini/Kabini/Cauvery	Kar	Wayanad(Ker)/Mysuru(Kar)					
7.	NarayanpurDam	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Raichur					
8.	Sathnur	Ponnaiar/Middle SouthPennar/EastFlowriversbetweenPenn &Cauvery B	TN	Vizianagaram					
9.	Gomukhi Dam	Vellar/East flowing rivers between Pennar and Kanyakumari	TN	Villupuram/Chennai					
10.	Chembarampakkam	Adyar/Adyar/ East flowing rivers between Pennar and Kannykumari Basin	TN	Thiruvallur/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