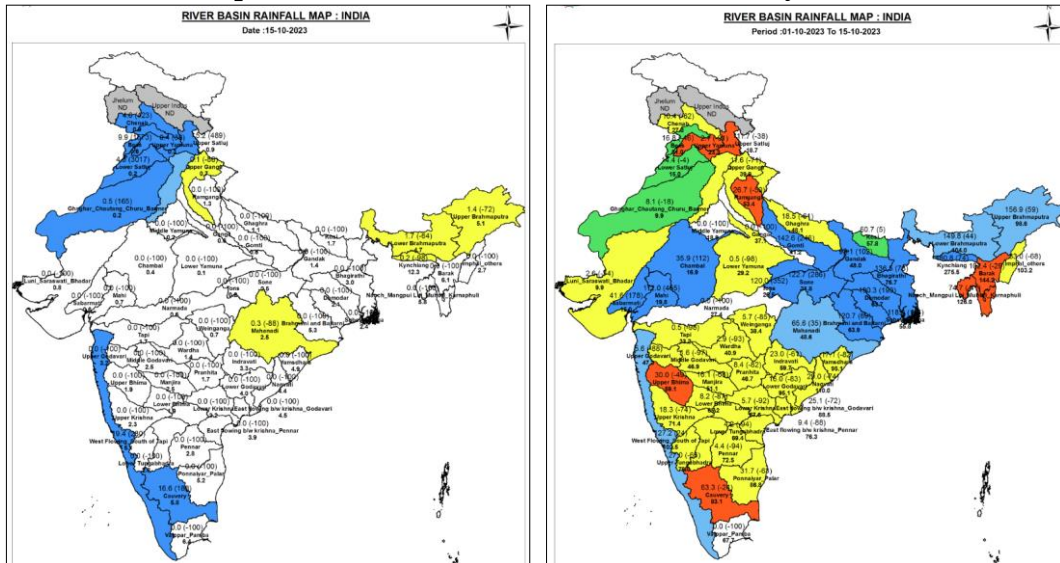




Central Water Commission
Special Flood Advisory for Kerala and Tamil Nadu
15-10-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall



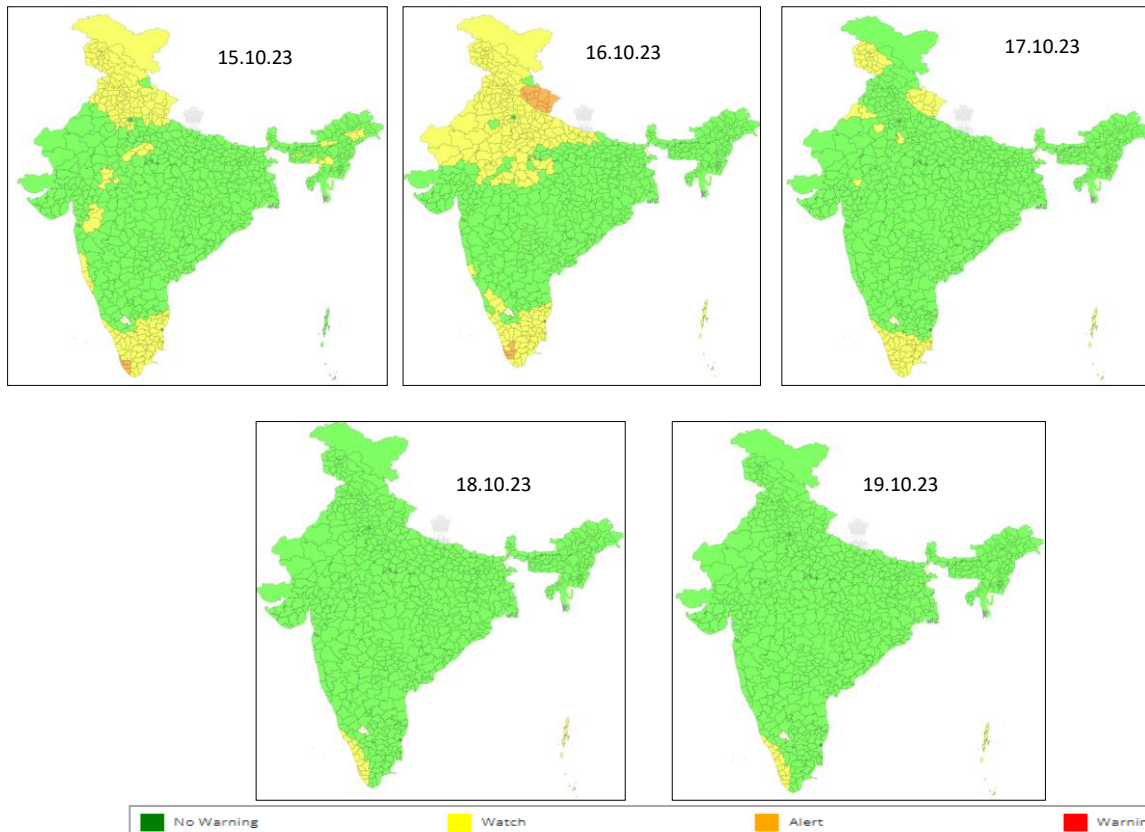
Legend

Large Excess [60% or more] Excess [20% to 59%] Normal [-19% to 19%] Deficient [-59% to -20%] Large Deficient [-99% to -80%] 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 15th October 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

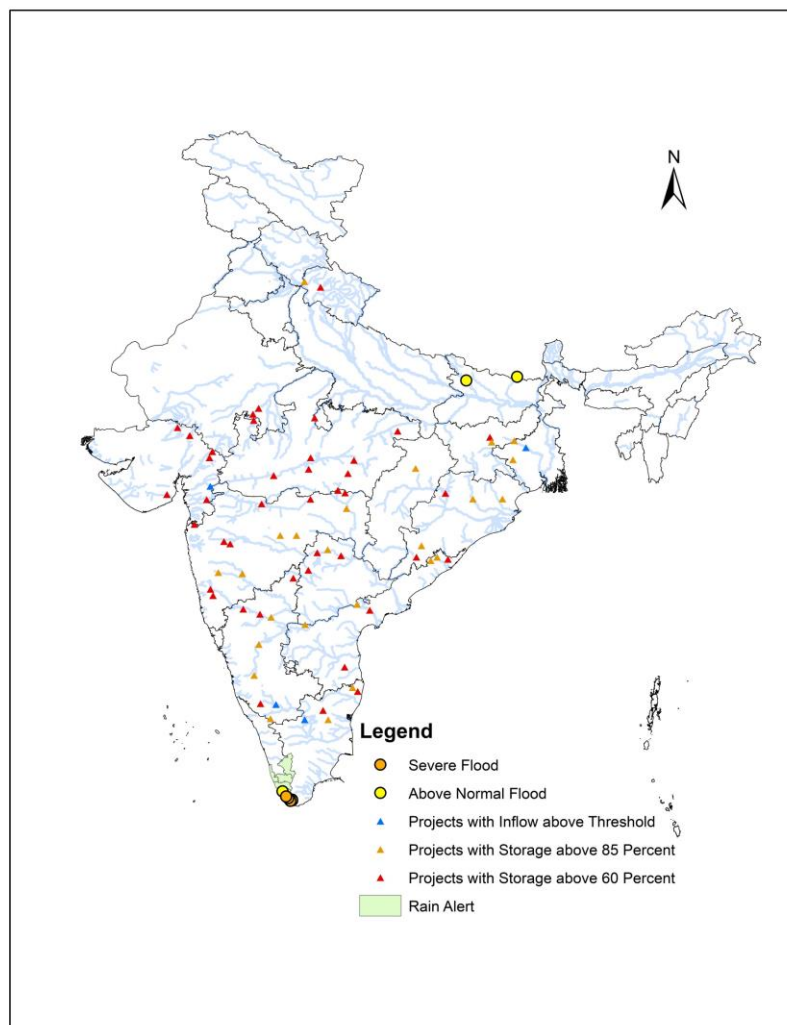
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 15th October, 2023, **NO Stations** are flowing in **Extreme** or in **Severe Flood Situation**. **1** station in Bihar is flowing in **Above Normal Flood situation**. Inflow Forecast has been issued for **2 Dams and Barrages** (1 each in **Tamil Nadu and West Bengal**).

FLOOD SITUATION SUMMARY			
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)	Bihar(1)	1
Total number of sites above Warning Level (A+B+C)			1
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), West Bengal(1)	2

Details are given at link https://cwc.gov.in/sites/default/files/cfrcwcdfb-15.10.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Kerala

Due to likelihood of formation of Low Pressure area South East and adjoining East central Arabian Sea around 17.10.23. Winds have strengthened over Arabian Sea off Kerala Coast. Hence IMD has predicted very heavy rains in southern districts of Kerala for next 48 hrs. Keep alert for water level rise in rivers Vamanapuram, Mamom, Karamana, Neyyar in **Thiruvananthapuram** dist., rivers Ithikkara and Kallada in **Kollam** dist., rivers of Achankoil in **Allapuzha** dist., rivers Meenachil-Thodupuzha, Pamba-Manimala, Achankoil in **Pattanamthitta** dist., and Meenachil-Thodupuzha, Periyar and tributaries of Cauvery in **Idukki** district. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Vellaikadavu	Karamana	Thiruvananthapuram	Severe	Rising
Aruvipuram	Neyyar	Thiruvananthapuram	Severe	Rising
Ayilam	Vamanapuram	Thiruvananthapuram	Above Normal	Rising

Tamil Nadu

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Kuzhithurai	Thambraparni	Kanyakumari	Severe	Rising
Thiruvattar	Paralayar	Kanyakumari	Above Normal	Rising
Thiruvarambu	Kodaiyar	Kanyakumari	Above Normal	Rising

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 16-10-2023 :

No Flash flood risk likely in next 24 hours (IMD)

3.0 Advisory Flood Forecast for next 7-days in Table form

The flood situational Flood Forecasting Stations likely to be above warning level for next 7 days

S.No.	Station	River	District	State	16-10-2023	17-10-2023	18-10-2023	19-10-2023	20-10-2023	21-10-2023	22-10-2023
1	Dumariaghat	Gandak	Gopalganj	Bihar	AN	AN	AN	AN	AN	AN	AN

Abbreviation: N: Normal Flood Situation, AN: Above Normal Flood Situation, S: Severe Flood Situation, E: Extreme Flood Situation

For more details, please visit <https://ffs.india-water.gov.in/> for flood forecast monitoring & short range flood forecast and <https://aff.india water.gov.in/> for medium range flood forecast.

Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled).

Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)).

Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level).

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 15th October 2023

Reservoirs Position

Storageabove85%	
Storageabove60%	

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.	Musi	Musi/LowerKrishna/Krishna	Tel	Nalgonda					
2.	SripadaYellampally	Godavari/MiddGodavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3.	SingurDam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4.	Sriramasagar	Godavari/MiddleGodavari/Godavari	Tel	Nanded(Mah),Nirmal,Metpally,Mancherial(Tel)					
5.	NizamsagarDam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
6.	KaddamDam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancherial					
7.	Thottapalli Reservoir	Vaigai/UpperVaigai/Eastflowing riverssouthofCauveryBasin	AP	Vizianagaram					
8.	MadduvalasaReser.	Nagavali/EFR(Mahanadi to Pennar)	AP	Vizianagaram					
9.	GottaBarrage	Vamsadhara/Vamsadhara/EFR (MahanaditoPennar)	AP	Srikakulam					
10.	PrakasamBarrage	Krishna//LowerKrishna/Krishna	AP	Krishna/Guntur					
11.	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
12.	Sunkesula	Tungabhadra/ Lower Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
13.	KaranjaDam	Karanja/Manjira/Godavari	kar	Bidar(Kar),Vikarabad(Tel)/Bidar(Kar)Bidar					
14.	kabini	Kabini/Kabini/Cauvery	Kar	Wayanad(Ker)/Mysuru(Kar)					
15.	HarangiDam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
16.	BhadraDam	Bhadra/Upper Tungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
17.	AlmattiDam	Krishna/UpperKrishna/Krishna	Kar	"Kolhapur(Maharashtra)/Bagalkote(Kar)"					
18.	HipparagiBarrage	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Koppal,Raichur					
19.	NarayanpurDam	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Raichur					
20.	SingatalurBarrage	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag,Vijayanagara,Dharwad					
21.	Sathnur	Ponnaiar/Middle SouthPennar/EastFlowriversbetweenPenn &Cauvery B	TN	Vizianagaram					
22.	PoondiSatyamurthy	Kosasthalaiyar/Kosasthalaiyar/East	TN	Thiruvallur/Chennai					

	reservoir	flowing rivers between Pennar and Kanyakumari Basin							
23.	Gomukhi Dam	Vellar/East flowing rivers between Pennar and Kanyakumari	TN	Villupuram/Chennai					
24.	Chembarampakam	Adyar/Adyar/ East flowing rivers between Pennar and Kanyakumari Basin	TN	Thiruvallur/Chennai					
25.	DantiwadaDam	Banas/WesternFlowingRiver (Kutch&Saurashtra)	Guj	Banaskantha					
26.	DharoiDam	Sabarmati/SabarmatiBasin	Guj	Mehsana					
27.	ShetrunjiDam	Shetrunji/WFR(Kutch&Saurashtra)	Guj	Bhavnagar					
28.	SardarSarovarDam	Narmada/Narmada/w HosangabaadtoSSP/Narmada	Guj	Nrmada(Guj),Nadurbar(MP)/Narmada, Vadodra,Bharuch(Guj)					
29.	UkaiDam	Tapi/LowTapi/Tapi	Guj	Nadurbar(Mah),Tapi(Guj)/Surat(Guj)					
30.	MadhubanDam	Damanganga/Damanganga	Guj	Valsad(Guj)/Selvasa(UTofDNH)					
31.	Panam Dam	Panam/Lower Mahi/ Mahi	Guj	Panchmahal					
32.	Kadana	Mahi/ Lower Mahi/ Mahi	Guj	Mahisagar					
33.	UpperWardha Project	Wardha/Wardha/Godavari	Mah	Wardha,Amravati					
34.	NMDWeir	Godavari/Upper Godavari/Godavari	Mah	Nasik,Ahmadnagar					
35.	TotladohProject	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
36.	Gosikhurd Dam	Wainganga/Wainganga/Godavari	Mah	Nagpur, Bhandara/Chandrapur, Gadchiroli					
37.	Yeldari Dam	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
38.	WaranaDam	Warnariver/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
39.	Issapur/Upper PengangaProject	Kayadhu/Penganga/Godavari	Mah	Hingoli,Yavatmal					
40.	HathnurDam	Hatnur/UpperTapi/Tapi	Mah	Burhanpur(MP)/Jalgaon(Mah)					
41.	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
42.	MulaDam	Mula/UpperGodavari/Godavari	Mah	Ahmadnagar					
43.	Ujjani Reservoir	Bhima/Upper Krishna/Krishna	Mah	Solapur					
44.	KoynaDam	Koyna/UpperKrishna/Krishna	Mah	Satara					
45.	RanaPratapSagar	Chambal/UpperChambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
46.	KotaBarrage	Chambal/UpperChambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
47.	BargiDam	Narmada/UpperNarmada/Narmada	MP	Mandla,Seoni/Jabalpur,Narsimhapur					
48.	PenchReservoir	Pench/Wainganga/Godavari	MP	Chhindwara/Seoni					
49.	BarnaDam	Barna/MiddleNarmada/Narmada	MP	Raisen					
50.	SanjaySarovar Project(UwenPro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					

51.	Bawanthadi Reser.	Bawantri/Wainganga/Godavari	MP	Seoni/Balaghat					
52.	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur, Neemuch (MP)/Dholpur (Raj)					
53.	Indira Sagar Dam	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
54.	Tawa Dam	Tawa/Middle Narmada/Narmada	MP	Betul, Hoshnabad/Sehore					
55.	Bansagar	Sone/Upper Sone/Ganga	MP	Shahdol					
56.	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					
57.	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/Pauri Garhwal					
58.	Ichari Dam	Tons/Ganga	UK	Dehradun					
59.	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chhattisgarh	Koriya, Korba/Janjgir Champa					
60.	Hirakud Dam	Mahanadi/UMahanadi/Mahanadi	Odisha	Janjgir Champa, Raigarh (Chh), Sambalpur (Odi)					
61.	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj, Kendujhar/Bhadrak					
62.	Rengali Dam	Brahmani River/Brahmani and Baitarni	Odisha	Deogarh/Angul, Dhenkanal					
63.	Upper Indravathi proj	Indravati/Indravati/Godavari	Odisha	Kalahandi, Nabarangpur, Koraput/Norangpur (Odisha), Bastra (Chh)					
64.	Kolab Project	Kolab/Sabari/Godavari	Odisha	Koraput					
65.	Tenughat Dam	Damodar/Damodar/Ganga	Jharkhand	Ramgarh, Bokaro, Dhanbad					
66.	Maithon Dam	Barakar/Ganga	Jharkhand	Dhanbad					
67.	Konar Dam	Konar/Ganga	Jharkhand	Hazaribag					
68.	Kangsabati Dam	Kangsabati/Ganga	WB	Bankura					

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