



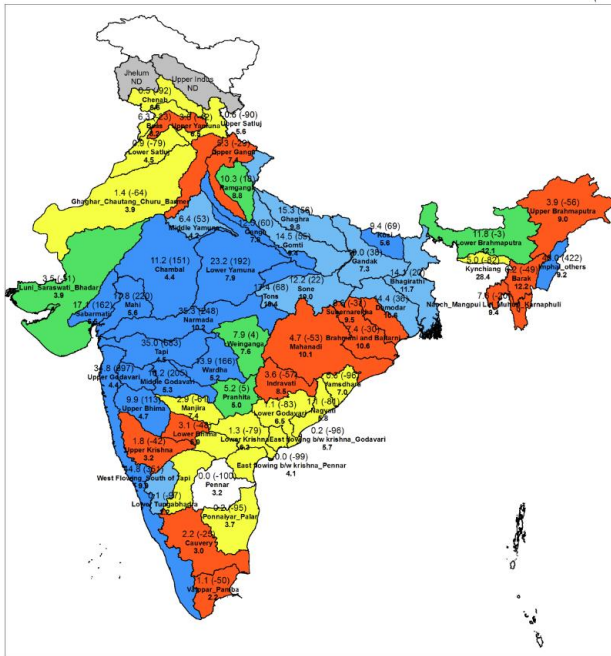
Central Water Commission  
Daily Flood Situation Report cum Advisories  
09-09-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall

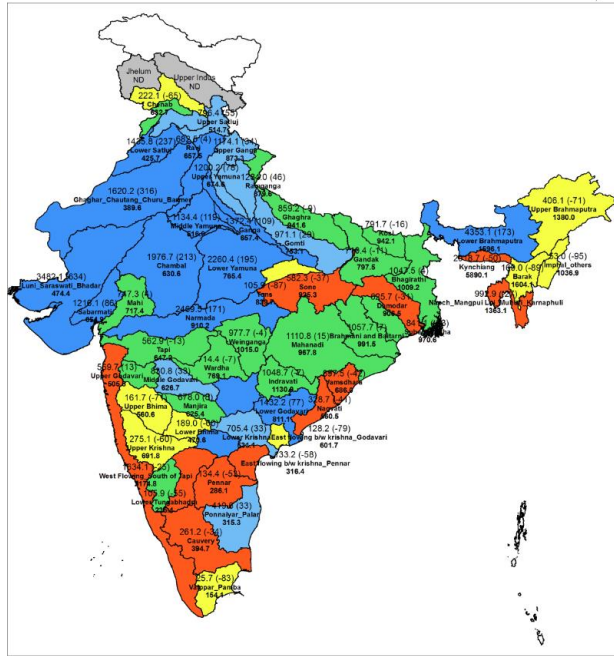
RIVER BASIN RAINFALL MAP : INDIA

Date :09-09-2023



RIVER BASIN RAINFALL MAP : INDIA

Period :01-06-2023 To 09-09-2023



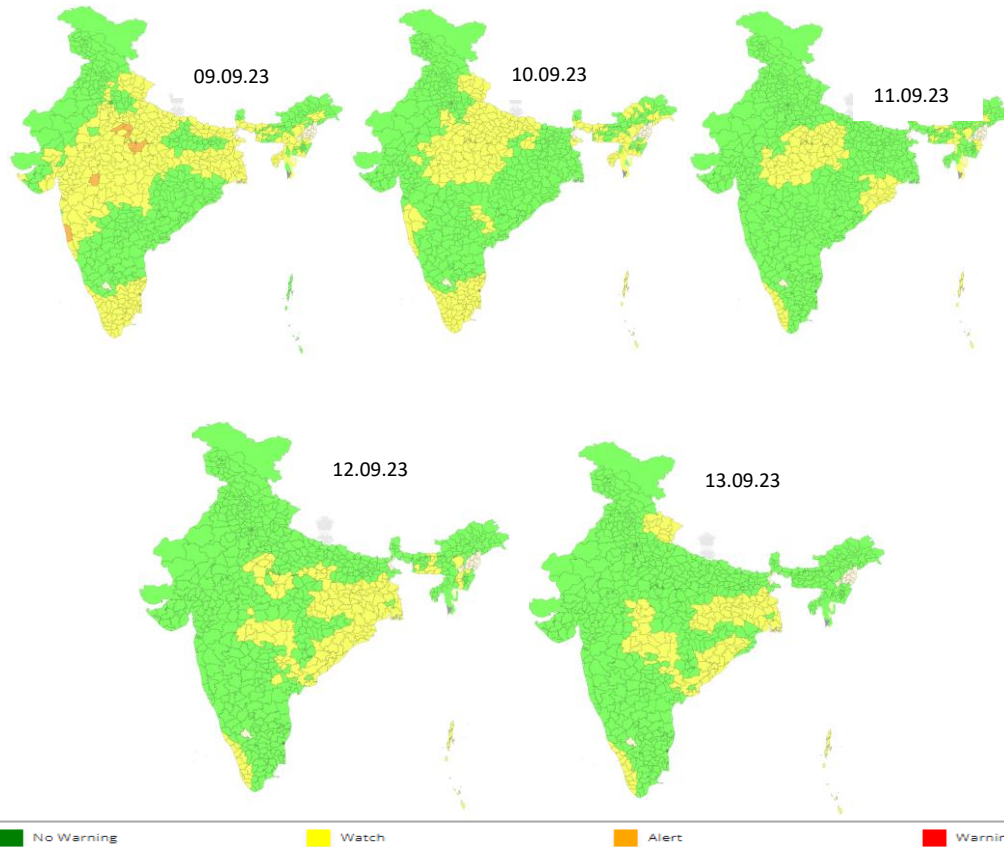
Legend

Large Excess [ ≥60% or more ] Excess [ 20% to 59% ] Normal [ -19% to 19% ] Deficient [ -59% to -20% ] Large Deficient [ ≤-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 9<sup>th</sup> September 2023 (Midday) by IMD



## 2.0 Flood Situation and Advisories

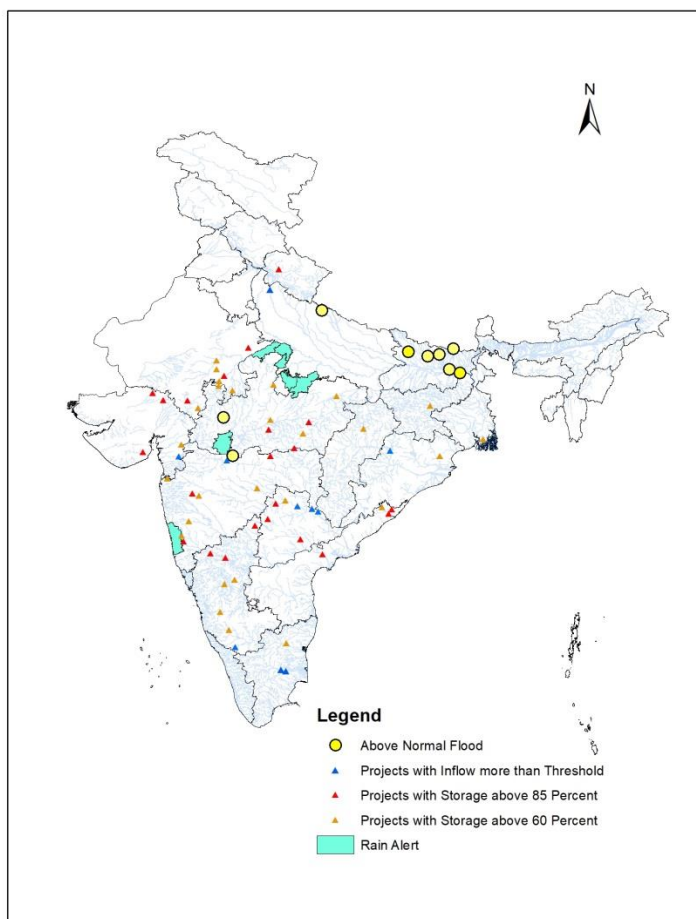
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 9<sup>th</sup> September, 2023, No station is flowing in Severe Flood Situation, 4 stations (3 in Bihar and 1 in Odisha) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 16 Dams and Barrages (3 in Telangana, 2 in Jharkhand, 2 in Tamil Nadu & Gujarat and 1 each in Andhra Pradesh, Uttar Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Odisha & Uttarakhand).

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)	Bihar(3), Odisha(1)	4
Total number of sites above Warning Level ( A+B+C)			4
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)		Andhra Pradesh(1), Gujarat(2), Jharkhand(2), Karnataka(1), Madhya Pradesh(1), Maharashtra(1), Odisha(1), Tamil Nadu(2), Telangana(3), Uttar Pradesh(1), Uttarakhand(1)	16

Details are given at link: [https://cwc.gov.in/sites/default/files/cfrcwcdfb-09.09.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb-09.09.2023_5.pdf)

#### 2.1.1 Flood Situation Map



2.2 CWC Advisories

Gujarat

Very heavy rains has occurred in districts **Dangs and Valsad** and west Madhya Pradesh. Hence increased runoff is expected in rivers such as Lower Narmada, Lower Tapi, Damanganga and other West flowing rivers in the said region such as Ambika, Purna. Increased inflows are occurring into projects Madhuban, Sardar Sarovar. Releases from all major/medium projects may be done as per SOP after informing lower riparian regions.

Maharashtra

Very heavy rainfall occurred along the west coast districts such as **Ratnagiri, Nashik**, alerts for water level may be kept in rivers Kadwa, Wagh (**Nashik** dist.), Vashisti (**Ratnagiri** Dist.). Tapi river is also receiving increased runoff.

Madhya Pradesh

Keep alert for water level rise in river Sindh in districts **Morena, Bhind, Datia**, river Betwa in districts **Tikamgarh, Chhatarpur, Khargone** and other small rivers in the region.

Odisha

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

CWC Site	River	District	Flood Type	Trend in Water Level
Mathani Road Bridge	Jalka	Baleshwar	Severe	Falling

Bihar

Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising/steady cases are included):

CWC Site	River	District	Flood Type	Trend in Water Level
Baltara	Kosi	Khagaria	Above Normal	Steady
Benibad	Bagmati	Muzaffarpur	Above Normal	Steady
Dumariaghat	Gandak	Gopalganj	Above Normal	Steady

2.3 Flash Flood Guidance

**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 10-09-2023 :**

**Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of **West Madhya Pradesh** 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.

Product: WRF FFR | Timescale: 24-hr | Region: "REGIONAL"  
Product Date: 2023-09-09 06:00 UTC | Valid Date: 2023-09-10 06:00 UTC

### 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	10-09-2023	11-09-2023	12-09-2023	13-09-2023	14-09-2023	15-09-2023	16-09-2023
1	BALTARA	KOSI	KHAGARIA	Bihar	AN	S	S	S	S	S	S
2	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	S	S	S	S	S
3	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	S	S	S	S	S	S
4	MATHANI ROAD BRIDGE	JALKA	BALESHWAR	Odisha	AN	AN	AN	AN	S	S	S
5	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
6	ARARIA	PARMAN	ARARIA	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 8<sup>th</sup>September2023

#### 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/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2	SripadaYellampally	Godavari/Midd Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/Lower Godavari/Godavari	Tel	JaishankarBhupalpally/Peddapalli/Mulugu					
5	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
6	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
7	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancherial					
8	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
9	MadduvalasaReser.	Maddigedda//East Flowing Rivers between Mahanadi and Godavari	AP	Vizianagaram					
10	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
11	Prakasam Barrage	Krishna//Lower Krishna/Krishna	AP	Krishna /Guntur					
12	NarayanapuramAnicut	Nagavali/East flowing rivers between Mahanadi and Pennar	AP	Srikakulam					
13	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Tel)/Bidar(Kar)Bidar					
14	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Kar)/Mysuru(Kar)					
15	Harangi Dam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
16	Hemavathy Dam	Hemavathy/Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
17	Bhadra Dam	Bhadra/Upp Tungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
18	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Kar)"					
19	Tungabhadra Dam	Tungabhadra/Mid Tung/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
20	Hipparagi Barrage	Krishna/Upper Krishna/Krishna	Kar	Bagalkot,Koppal, Raichur					
21	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot,Raichur					
22	Singatalur Barrage	Tungabhadra/ Krishna /Krishna	Kar	Gadag, Vijayanagara, Dharwad					
23	Sathnur	Ponnaiar/Middle South Pennar/EastFlow rivers between Pennar andCauvery Basin	TN	Vizianagaram					

24	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
25	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
26	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
27	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaaad to SSP/Narmada	Guj	Nrmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
28	Ukai Dam	Tapi/Low Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
29	Madhuban Dam	Damanganga/ Damanganga	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
30	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
31	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
32	N M D Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik ,Ahmadnagar					
33	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
34	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
35	Issapur/Upper Penganga Project	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
36	Hathnur Dam	Hatnur/Upper Tapi/Tapi	Mah	Burhanpur (MP)/Jalgaon(Mah)					
37	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
38	Koyna Dam	Koyna/Upper Krishna/Krishna	Mah	Satara					
39	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
40	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
41	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
42	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
43	SomKamlaAmba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
44	Mahi Bajajsagar Dam	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
45	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli,Bharatpur					
46	Parwati Weir	Parbati/Upper Chambal/Ganga	Raj	Dholpur					
47	Kalisindh Dam	Kalisindh/Upper Chambal/Ganga	Raj	Shajapur, Rajgarh(MP)/Jhalawar(Raj)					
48	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
49	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
50	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
55	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
56	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
57	Indira Sagar Dam	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
58	Tawa Dam	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
59	Bansagar	Sone/ Upper Sone/Ganga	MP	Shahdol					
60	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					
61	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/PauriGarhwal					

62	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
63	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
64	Hirakud Dam	Mahanadi /UMahanadi/Mahanadi	Odisha	JanjgirChampa, Raigarh(Chh), Sambalpur(Odi)					
65	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
66	Tenughat Dam	Damodar/Damodar/Ganga	Jharkhand	Bokaro					

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