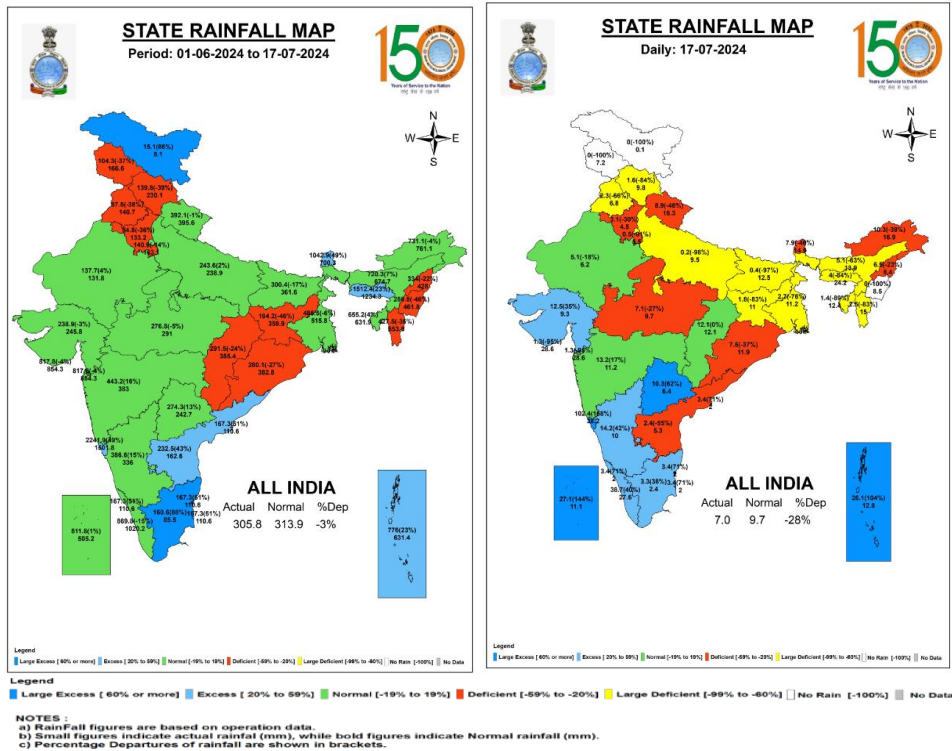




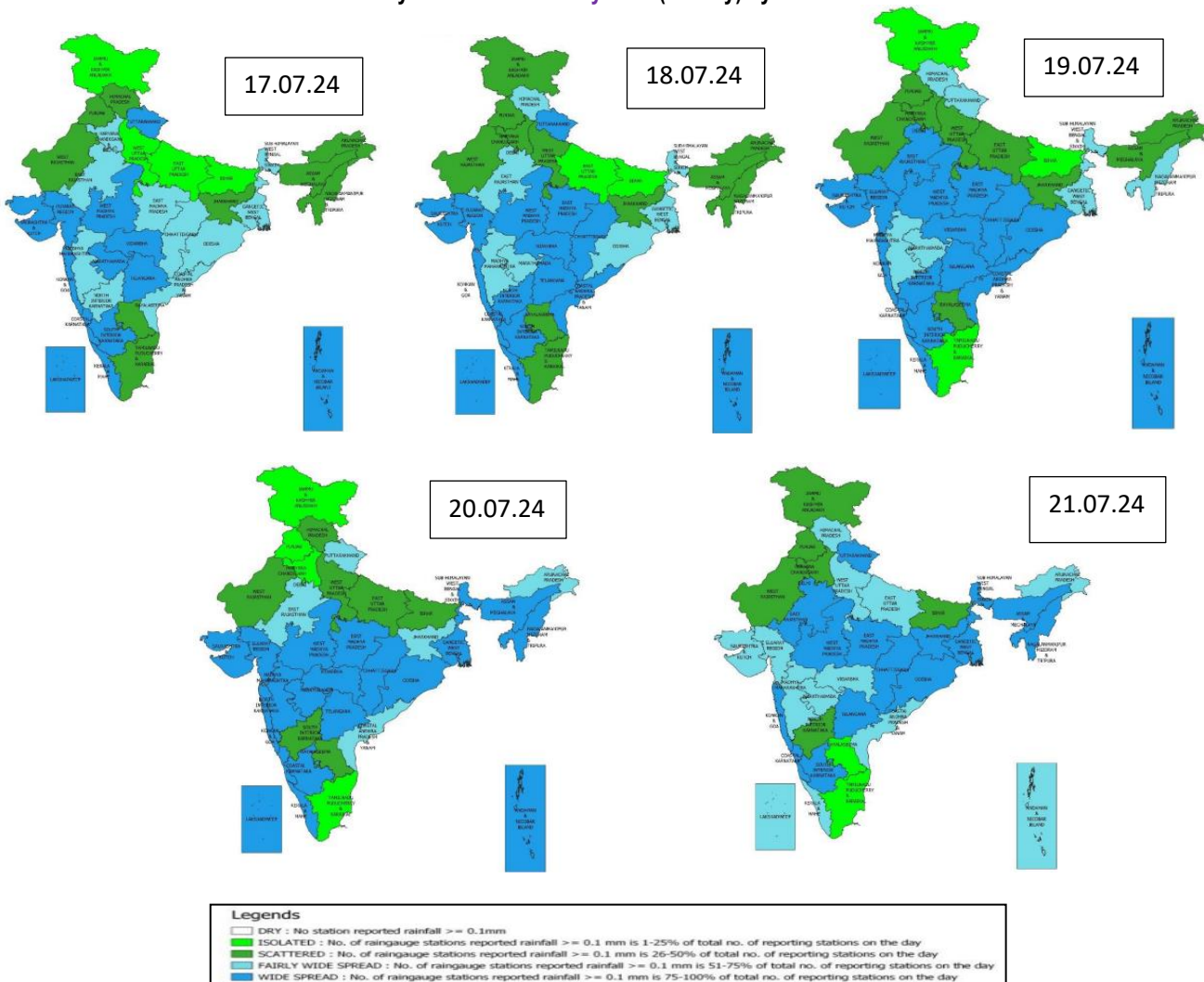
Central Water Commission  
Daily Flood Situation Report cum Advisories  
17-07-2024

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 17<sup>th</sup> July 2024 (Midday) by IMD



## 2.0 Flood Situation and Advisories

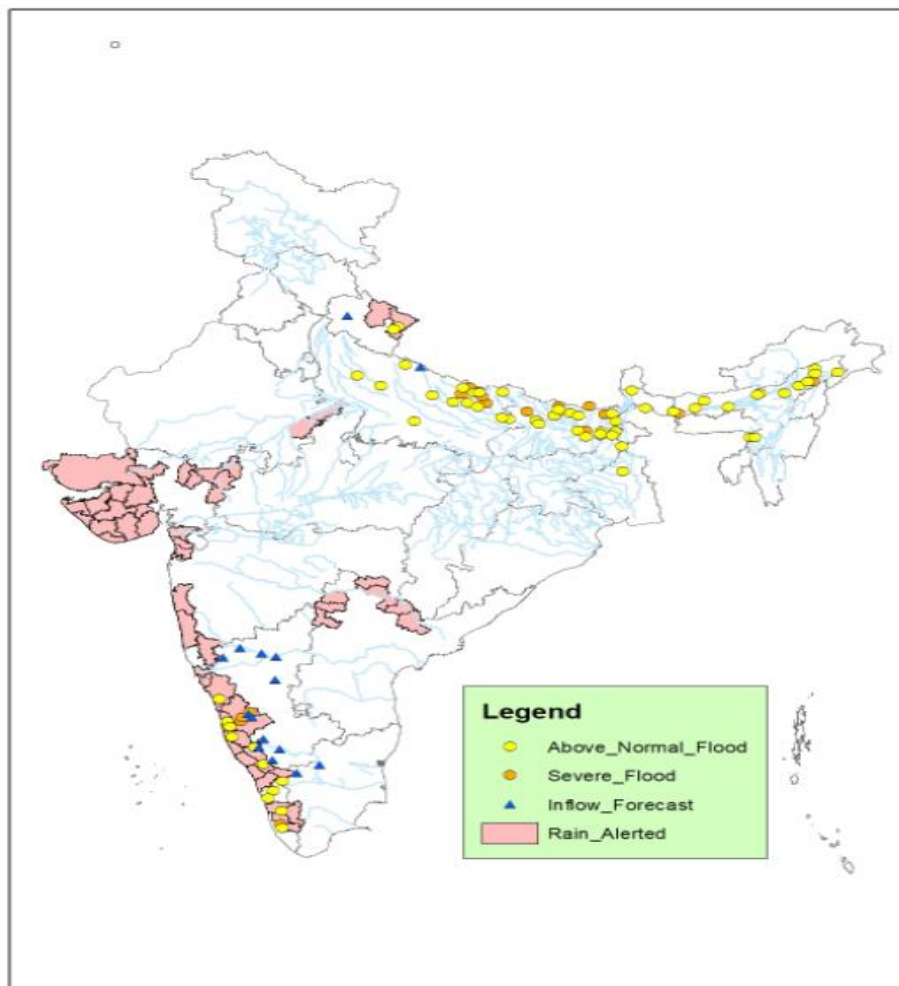
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 17<sup>th</sup> July 2024, 6 Stations (3 in Bihar, 2 in Assam and 1 in Uttar Pradesh) are flowing in Severe Flood Situation, 36 stations (13 in Assam, 11 in Bihar, 7 in Uttar Pradesh, 2 in West Bengal, 1 in Jharkhand, 1 in Kerala & 1 in Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 15 dams and barrages (11 in Karnataka, 2 in Tamilnadu, 1 in Uttar Pradesh, 1 in Uttarakhand).

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))	Assam(2), Bihar(3), Uttar Pradesh(1)	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(13), Bihar(11), Jharkhand(1), Kerala(1), Sikkim(1), Uttar Pradesh(7), West Bengal(2)	36
Total number of sites above Warning Level ( A+B+C)			42
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)		Karnataka(11), Tamil Nadu(2), Uttar Pradesh(1), Uttarakhand(1)	15

Details are given at link: [https://cwc.gov.in/sites/default/files/cfrcwcdfb-17.07.2024\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb-17.07.2024_5.pdf)

#### Flood Situation Map



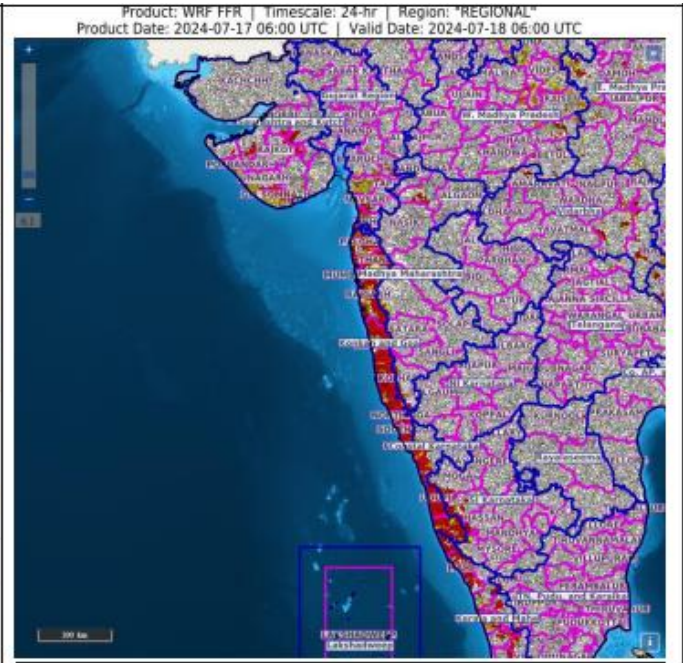


## 2.2 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-07-2024 :**

**Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Konkan & Goa, Coastal Karnataka** adjoining parts of **SI Karnataka** Met Sub-divisions and **Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Gujarat Region** & adjoining **Saurashtra & Kutch** during next 24 hours.

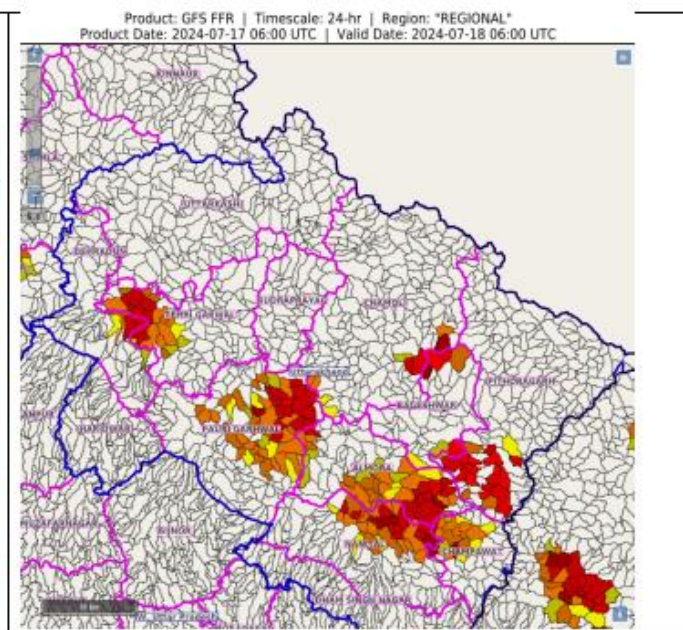
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



### **24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 18-07-2024 :**

**Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Uttarakhand** 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.



## 2.3 CWC Advisories

### **Main Synoptic Features and Rainfall Alerts (As per IMD)**

- The Monsoon trough is active and south of its normal position. It is likely to be south of its normal position during next 4-5 days.
  - A shear zone runs in lower & middle tropospheric levels roughly along 20°N tilting southwards with height.
  - The off-shore trough runs along south Gujarat-north Kerala coasts at mean sea level.
  - A fresh low-pressure area is likely to form over Westcentral & adjoining Northwest Bay of Bengal around 19th July. A cyclonic circulation lies over Saurashtra & Kutch in lower tropospheric levels.
1. Heavy to very heavy rainfall very likely at isolated/some places over West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch, Telangana, Coastal & South Interior Karnataka during next 5 days.
  2. Isolated extremely heavy rainfall very likely over South Interior Karnataka, Saurashtra & Kutch on 17th & 18th; Konkan & Goa, Coastal Karnataka on 18th July.

3. Isolated very heavy rainfall likely over Tamil Nadu, Puducherry & Karaikal on 17th & 18th; Kerala & Mahe during 17th – 19th; Coastal Andhra Pradesh & Yanam during 18th – 20th; Vidarbha, Chhattisgarh on 19th & 20th; East Madhya Pradesh on 20th & 21st; Gujarat Region during 17th – 19th July.
4. Isolated very heavy rainfall also likely over Odisha on 19th & 20th July.
5. Isolated very heavy rainfall also likely over Uttarakhand, East Rajasthan on 17th & 18th July.

### Karnataka

Due to intensification of south-westerly winds, very heavy to extremely heavy rains are continuing over west coast hence Increased water levels are expected in Kabini, Harangi, Shambhavi, Swarna, Haladi, Aghanashini, Netravathi, Sita, Varada, Kumuvati, Gurgur, Upper Tunga and small rivers in Dakshin Kannada, Udupi, Uttara Kannada, Shimoga, Chikmagalur, Kodagu districts for next 24 hrs. Increased inflow is expected into projects such as Tungabhadra, Bhadra, Harangi, Krishnarajasagar, Kabini, Hemavathy, Almatti, Krishnarajasagar, Narayanapur for next 24 hrs. Outflow from the dams may be done as per SOP after informing downstream areas. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Mahishi	Tunga	Shimoga	Severe	Rising
Hariharapura	Tunga	Chikmagalur	Severe	Rising
Shimoga	Tunga	Shimoga	Severe	Falling
Avershi	Sita	Udupi	Above Normal	Rising
Mukkodlu	Harangi	Kodagu	Above Normal	Falling
Bantwal	Netravathi	Dakshin Kannada	Above Normal	Falling
Santeguli	Aghanashini	Uttar Kanada	Above Normal	Falling
Yennehole	Swarna	Udupi	Above Normal	Falling

### Kerala

Increased water levels are expected to continue in Manimala, Achankoil, Gayatri, Pamba, Kabini, Bhavani, Thodupuzha, Chalakudy, Periyar, Bharathapuzha rivers and other small rivers in districts Kasaragode, Kannur, Kozhikode, Malapuram, Ernakulam, Trichur, Palakkad and Idukki for next 24 hrs. Outflow from the dams may be done as per SOP after informing downstream areas. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Kalloopara	Manimala	Pathanamthitta	Severe	Falling
Muthankhera	Kabini	Wayanad	Above Normal	Rising
Manakkad	Thodupuzha	Idukki	Above Normal	Rising
Kondazhy	Gayatri	Trichur	Above Normal	Steady
Thumpamon	Achankovil	Pathanamthitta	Above Normal	Falling
Kottathara	Bhavani	Palghat	Above Normal	Falling
Palakadavu	Karuvannur	Thrissur	Above Normal	Falling

### Uttarakhand

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

CWC Site	River	District	Flood Type	Trend in Water Level
Bangapani(Munshiyari)	Gauri ganga	Pithoragarh	Above Normal	Falling
Thal	Ramganga	Pithoragarh	Above Normal	Falling

### Assam

Water level is expected to be in steady to falling conditions in lower, middle and upper Brahmaputra and its tributaries for next 24 hrs.. Current flood situation in the state as per CWC network is as follows.

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

CWC Site	River	District	Flood Type	Trend in Water Level
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Nanglamoraghat	Desang	Sivasagar	Severe	Falling
Beki Rd Bridge	Beki	Barpeta	Above Normal	Rising
Sivasagar	Dikhow	Sivasagar	Above Normal	Rising
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Steady
Numaligarh	Dhansiri	Golaghat	Above Normal	Steady
Goalpara	Brahmaputra	Goalpara	Above Normal	Steady
Tezpur	Brahmaputra	Sonitpur	Above Normal	Falling
Guwahati(DC Court)	Brahmaputra	Kamrup	Above Normal	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Falling
Neamatighat	Brahmaputra	Jorhat	Above Normal	Falling
Margherita	Buridehing	Tinsukia	Above Normal	Falling
Golokganj	Sankosh	Dhubri	Above Normal	Falling
Karimganj	Kushiyara	Karimganj	Above Normal	Falling
Nt Road Crossing Jiabharali	Jiabharali	Sonitpur	Above Normal	Falling
Chenimari	Buridehing	Dibrugarh	Above Normal	Falling

### West Bengal & Sikkim

Water level is expected to be in steady to falling conditions in rivers Teesta, Jaldhaka, Torsa, Raidak and its tributaries for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
CS 97 A Ganga Farakka	Ganga	Murshidabad	Above Normal	Rising
Farakka (FF)	Ganga	Murshidabad	Above Normal	Rising
Mekhliganj(R/B)	Teesta	Cooch Behar	Above Normal	Steady
Melli	Teesta	Namchi	Above Normal	Falling

### Jharkhand

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

CWC Site	River	District	Flood Type	Trend in Water Level
Sahibganj	Ganga	Sahebganj	Above Normal	Rising

### Bihar

Water level is expected to be in steady to falling conditions in Kosi, Mahananda, Bagmati, Adhwara, Gandak rivers for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Araria	Parman	Araria	Severe	Steady
Birpur	Kosi	Supaul	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Steady
Labha	Fulhar	Katihar	Severe	Steady
Dumariaghat	Gandak	Gopalganj	Severe	Falling
Saharghat	Adwara	Madhubani	Severe	Falling
Basua	Kosi	Supaul	Above Normal	Rising

Kursela	Kosi	Katihar	Above Normal	Rising
Azmabad	Ganga	Bhagalpur	Above Normal	Steady
Jhanjarpur	Kamlabalan	Madhubani	Above Normal	Steady
Dhengraghat	Mahananda	Purnia	Above Normal	Steady
Kahalgaoon	Ganga	Bhagalpur	Above Normal	Steady
Saulighat	Adhwara	Madhubani	Above Normal	Steady
Khagaria	Burhi Gandak	Khagaria	Above Normal	Steady
Lalganj	Gandak	Vaishali	Above Normal	Falling
Kamtaul	Adhwara	Darbhanga	Above Normal	Falling
Darauli	Ghagra	Siwan	Above Normal	Falling
Benibad	Bagmati	Muzaffarpur	Above Normal	Falling
Rewaghat	Gandak	Muzaffarpur	Above Normal	Falling
Jhawa	Mahananda	Katihar	Above Normal	Falling
Sultanganj	Ganga	Bhagalpur	Above Normal	Falling
Chargharia	Ganga	Kishanganj	Above Normal	Falling

## Uttar Pradesh

In river Ghagra, Rapti, Burhi rapti rivers and main Ganga stem water level expected to be in steady to falling conditions for next 24 hrs. Current flood situation in the state as per CWC network is as follows.

CWC Site	River	District	Flood Type	Trend in Water Level
Chandradeepghat	Kwano	Gonda	Severe	Steady
Muhchurwaghat	Burhi Rapti	Siddharth Nagar	Severe	Falling
Birdghat	Rapti	Gorakhpur	Severe	Falling
Kakrahi	Burhi Rapti	Siddharth Nagar	Severe	Falling
Regauli	Rapti	Gorakhpur	Severe	Falling
Ayodhya	Ghagra	Ayodhya	Above Normal	Rising
Basti	Kwano	Basti	Above Normal	Rising
Elginbridge	Ghaghra	Barabanki	Above Normal	Steady
Kachlabridge	Ganga	Budaun	Above Normal	Steady
Mukhlispur	Kwano	Sant Kabir Nagar	Above Normal	Steady
Turtipar	Ghagra	Ballia	Above Normal	Falling
Parsohan Ghat	Burhi Rapti	Siddhartnagar	Above Normal	Falling
Paliakalan	Sarda	Kheri	Above Normal	Falling
Dabri	Ramganga	Shahjahanpur	Above Normal	Falling
Khadda	Gandak	Kushi Nagar	Above Normal	Falling
Bansi	Rapti	Siddhartnagar	Above Normal	Falling
Uskabazar	Burhi Rapti	Siddhartnagar	Severe	Falling
Bhitaura	Ganga	Fatehpur	Above Normal	Falling



### 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	18-07-2024	19-07-2024	20-07-2024	21-07-2024	22-07-2024	23-07-2024	24-07-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	S	S	S	S	S	E
2	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	S	S	S	S	S	E
3	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	S	S	E	E
4	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN	S	S
5	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	AN	N	N	N	S	S	S
6	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	S
7	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	AN	N	N	S	S	S
8	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	S	S	S	S	S
9	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	AN	S	S	S	S
10	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	AN	AN	S	S	S	S
11	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	AN	S	S	S	S
12	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S	S	S
13	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S	S	S
14	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
15	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
16	BIRDEGHAT	RAPTI	GORAKHPUR	Uttar Pradesh	S	S	S	S	AN	N	N
17	EKMIGHAT	ADHWARA	DARBHANGA	Bihar	N	AN	AN	AN	AN	AN	S
18	KAHALGAON	GANGA	BHAGALPUR	Bihar	AN	S	S	S	S	S	S
19	KAMTAUL	ADHWARA	DARBHANGA	Bihar	AN	S	S	S	S	S	S
20	KURSELA	KOSI	KATI HAR	Bihar	AN	S	S	S	S	S	S
21	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	AN	AN	AN	S	S	S	S
22	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
23	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	AN	AN	AN	S	S	S	S
24	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	AN	AN	AN
25	DHARAMTUL	KOPILI	MARIGAON	Assam	N	N	N	N	N	AN	AN
26	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
27	GOLAGHAT	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	N	N	N	N	AN	AN
28	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN	AN	AN
29	NT ROAD CROSSING	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN	AN	AN

	JIA-BHARALI										
30	NAMSAI	NAO DEHING	NAMSAI	Arunachal Pradesh	N	N	N	N	AN	AN	N
31	MUTHANKERA	KABINI	WAYANAD	Kerala	AN	N	N	N	N	N	N
32	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	N	N	N	N	N	N
33	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	N	N	N
34	BALRAMPUR	RAPTI	BALRAMPUR	Uttar Pradesh	N	N	N	N	N	N	AN
35	BANSI	RAPTI	SIDDHARTH NAGAR	Uttar Pradesh	AN	AN	N	N	N	N	N
36	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
37	BHAGALPUR	GANGA	BHAGALPUR	Bihar	N	N	AN	AN	AN	AN	AN
38	DABRI	RAMGANGA	SHAHJHANPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
39	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	N	N
40	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	AN	AN	AN	AN	AN	AN
41	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
42	HATHIDAH	GANGA	PATNA	Bihar	N	AN	AN	AN	AN	AN	N
43	HAYAGHAT	BAGMATI	DARBHANGA	Bihar	N	N	AN	AN	AN	AN	AN
44	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
45	JHAWA	MAHANANDA	KATI HAR	Bihar	AN	AN	AN	AN	AN	AN	AN
46	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
47	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
48	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
49	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
50	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	AN	AN	AN	N	N	N	N
51	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	N	AN	AN	AN	AN	AN	AN
52	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	N	AN	AN	AN	AN	AN	AN
53	FARAKKA(FF)	GANGA	MURSHIDABAD	West Bengal	AN	AN	AN	AN	AN	AN	AN
54	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	N	N	N	N	N	N
55	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West	AN	AN	AN	N	N	N	N



				Bengal							
56	MELLI	TEESTA	NAMCHI	Sikkim	AN	AN	AN	N	N	N	N

**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

#### 4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 17<sup>th</sup> July 2024

##### 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				
					Day1	Day2	Day3	Day4	Day 5
1	Thottapalli Reservoir	Nagavali/Nagavali&Others/ERF (Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
2	Madduvalasa Reservoir	Nagavali/Nagavali&Others/ERF(Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
3	Gotta Barrage	Vamsadhara/Vamsadhara/EFR(Mahanadi to Pennar)	Andhra Pradesh	Srikakulam					
4	Sunkesula Barrage	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
5	Prakasam Barrage	Krishna/Lower Krishna/ Krishna	Andhra Pradesh	Krishna/ Guntur					
6	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
7	Kabini Reservoir	Kabini/Middle Cauvery/Cauvery	Karnataka	Mysore					
8	Harangi Reservoir	Harangi/Upper Cauvery/Cauvery	Karnataka	Kodagu					
9	Almatti Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
10	Narayanpur Reservoir	Krishna/Upper krishna/Krishna	Karnataka	Bagalkot					
11	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
12	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
13	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
14	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
15	Musi Dam	Musi/Lower Krishna/Krishna	Telangana	Nalgonda					
16	Ichari dam	Tons/Upper Yamuna/Ganga	Uttarakhand	Dehradun/Nahan(HP)					

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