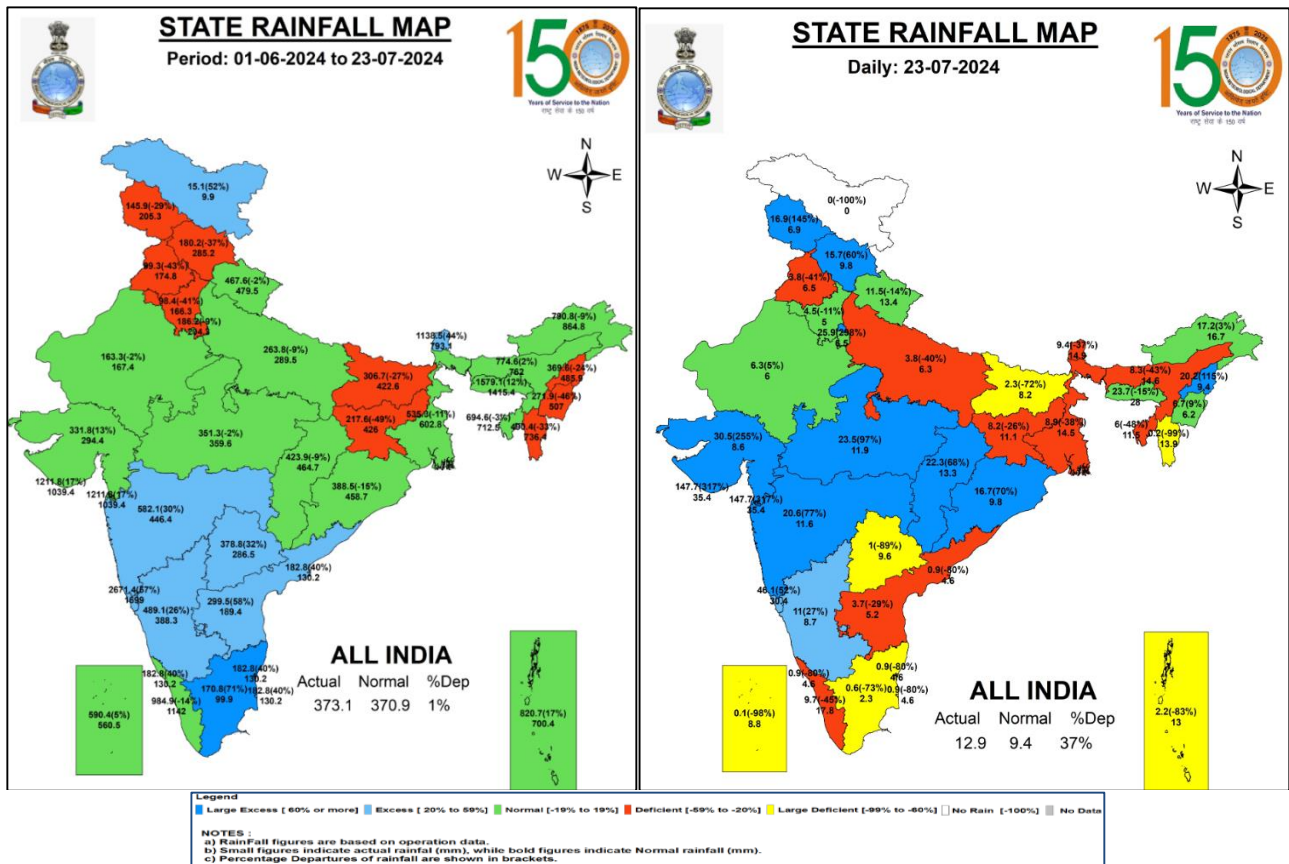




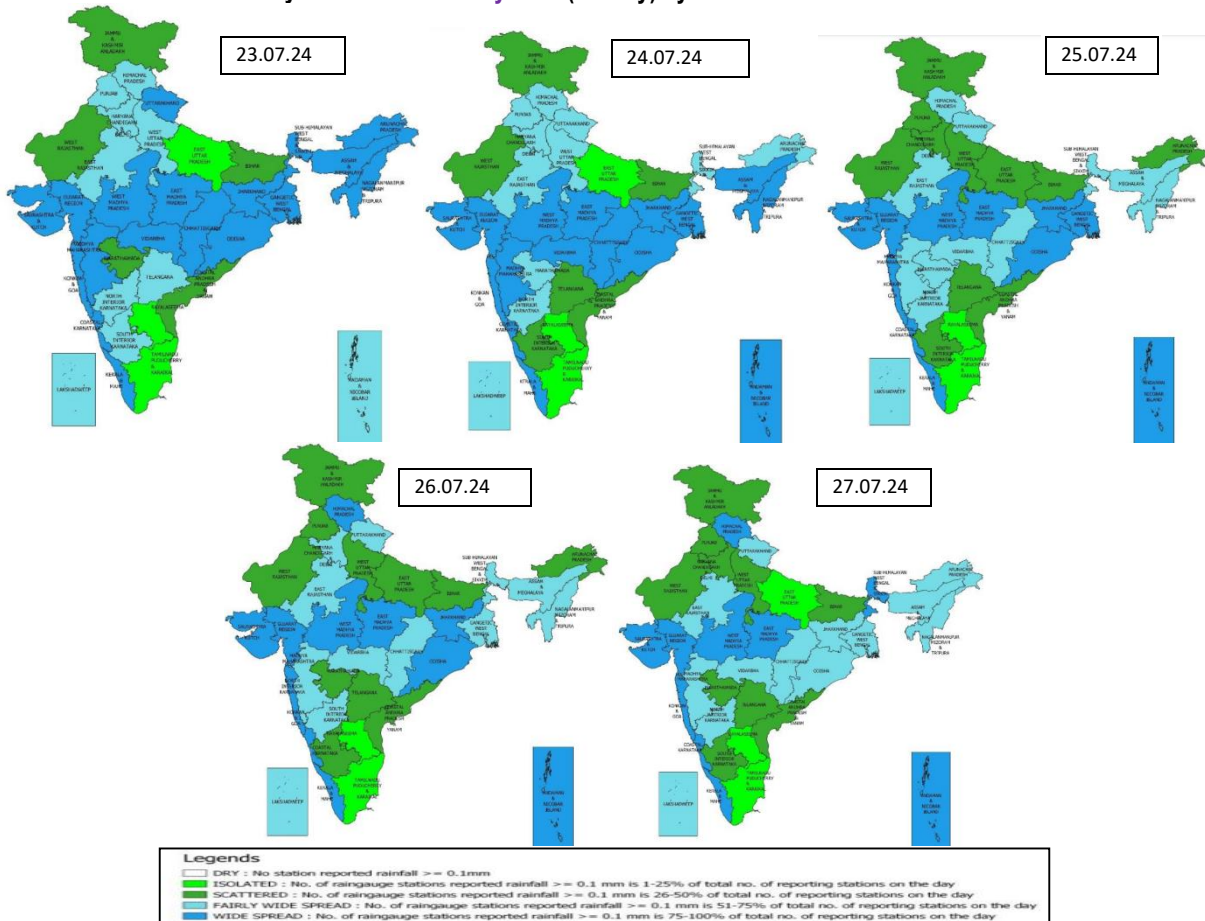
Central Water Commission  
Daily Flood Situation Report cum Advisories  
23-07-2024

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 23<sup>rd</sup> July 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

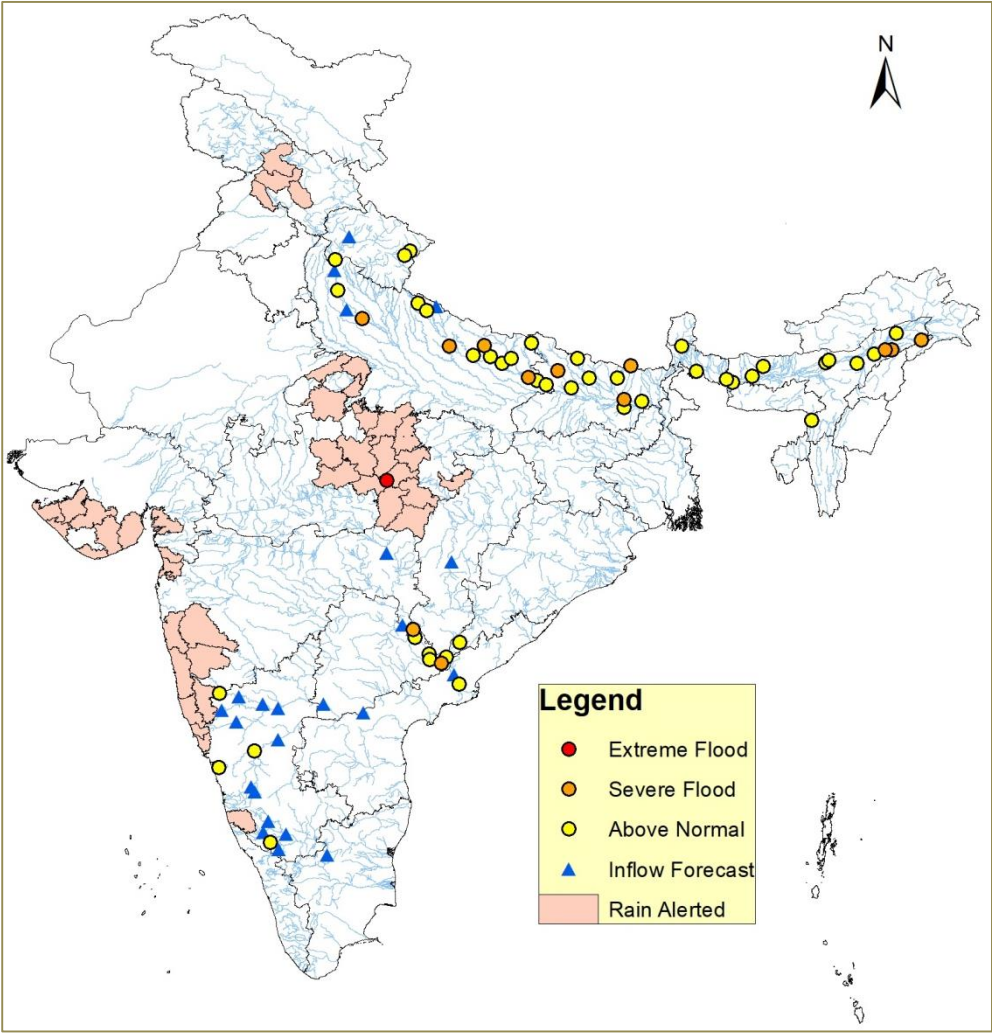
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23<sup>rd</sup> July 2024, 8 Stations (3 in Uttar Pradesh, 2 each in Assam & Bihar and 1 in Andhra Pradesh) are flowing in Severe Flood Situation, 27 stations (10 in Assam, 6 in Bihar, 4 in Uttar Pradesh, 3 in Telangana, 2 in Andhra Pradesh and 1 each in West Bengal & Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 24 dams and barrages (12 in Karnataka, 3 each in Telangana & Uttar Pradesh, 2 in Andhra Pradesh and 1 each in Maharashtra, Tamil Nadu, Chhattisgarh & Uttarakhand).

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))	Andhra Pradesh(1), Assam(2), Bihar(2), Uttar Pradesh(3)	8	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Andhra Pradesh(2), Assam(10), Bihar(6), Sikkim(1), Telangana(3), Uttar Pradesh(4), West Bengal(1)	27	
Total number of sites above Warning Level ( A+B+C)			35	
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(2), Chhattisgarh(1), Karnataka(12), Maharashtra(1), Tamil Nadu(1), Telangana(3), Uttar Pradesh(3), Uttarakhand(1)	24	

Details are given at link: [https://cwc.gov.in/sites/default/files/cfrcwcdfb-23.07.2024\\_6.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb-23.07.2024_6.pdf)

Flood Situation Map





2.2 Flash Flood Guidance

<p><b><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-07-2024 :</u></b></p> <p><b>Low to Moderate flash flood risk</b> likely over few watersheds &amp; neighbourhoods of <b>Himachal Pradesh</b> and <b>Uttarakhand</b> Met Sub-divisions during next 24 hours.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: NCUM FFR   Timescale: 24-hr   Region: "INDIA" Product Date: 2024-07-23 06:00 UTC   Valid Date: 2024-07-24 06:00 UTC</p>
<p><b><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-07-2024 :</u></b></p> <p><b>Low flash flood risk</b> likely over few watersheds &amp; neighbourhoods of <b>East Madhya Pradesh</b> and <b>West Madhya Pradesh</b> Met Sub-divisions during next 24 hours.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: NCUM FFR   Timescale: 24-hr   Region: "INDIA" Product Date: 2024-07-23 06:00 UTC   Valid Date: 2024-07-24 06:00 UTC</p>
<p><b><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-07-2024 :</u></b></p> <p><b>Low to Moderate flash flood risk</b> likely over few watersheds &amp; neighbourhoods of <b>Coastal Karnataka</b> adjoining <b>SI Karnataka</b>, <b>south Gujarat Region</b>, <b>Konkan &amp; Goa</b> and <b>Saurashtra &amp; Kutch</b> Met Sub-divisions during next 24 hours.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: NCUM FFR   Timescale: 24-hr   Region: "INDIA" Product Date: 2024-07-23 06:00 UTC   Valid Date: 2024-07-24 06:00 UTC</p>
<p><b><u>24 hours Flash Flood Risk Outlook till 0600 UTC of 24.07.2024:</u></b></p> <p><b>Low to moderate flash flood risk</b> likely over few watersheds and neighbourhoods of <b>western and central parts of Nepal</b> during next 24 hours..</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: NCUM FFR   Timescale: 24-hr   Region: "NEPAL" Product Date: 2024-07-23 00:00 UTC   Valid Date: 2024-07-24 00:00 UTC</p>

## 2.3 CWC Advisories

### Main Synoptic Feature and Rainfall (As per IMD)

- The cyclonic circulation lies over Jharkhand & neighbourhood in lower & middle tropospheric levels. The Monsoon trough is active and lies near to its normal position. It is likely to continue to near its normal position during next 4-5 days.
  - The shear zone lies in lower & middle tropospheric levels along 22°N tilting southwards with height. The off-shore trough at mean sea level along South Gujarat-north Karnataka coasts.
  - A cyclonic circulation lies over southwest Rajasthan and another over northwest Uttar Pradesh in lower tropospheric levels.
1. Isolated extremely heavy rainfall very likely over Gujarat State, Konkan & Goa, Madhya Maharashtra on 23rd & 24th and over East Madhya Pradesh on 23rd July.
  2. Very heavy rainfall very likely at isolated places over Odisha during 23rd-26th; Konkan & Goa, Madhya Maharashtra, Gujarat State during 25th-27th; Coastal Karnataka on 23rd; West Madhya Pradesh, Chhattisgarh on 23rd & 24th; East Madhya Pradesh on 24th and Kerala & Mahe on 25th July
  3. Isolated very heavy rainfall also likely over Uttarakhand, Punjab, Haryana, East Rajasthan on 23rd & 24th July and Himachal Pradesh on 23rd July.
  4. Isolated very heavy rainfall also likely over Assam & Meghalaya today.

### Maharashtra

Due incessant rainfall activity in coastal Maharashtra, water level rise is expected in Upper Bhima, Bav, Ulhas, Vaitarna, Kajvi, Panchganga, Damanganga, Vashisti and other small rivers in districts Pune, Mumbai, Satara, Kolhapur, Sindhudurg, Raigad, for next 2 days. Water level rise is also expected in rivers Wardha, Penganga, Wainganaga, Indravathi and its tributaries for next 2 days. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Terwad(Seasonal)	Panchganga	Kolhapur	Above Normal	Rising

### Madhya Pradesh

Water level rise is expected in rivers Chambal, Sindh, Betwa, Ken, Sonar, Narmada, Wainganga and its tributaries in districts Shivpuri, Sheopurkalan, Morena, Bhind, Datia, Niwari, Tikamgarh, Chhatarpur, Damoh, Sagar, Vidisha, Raisen, Narsinghpur, Jabalpur, Seoni, Mandla, Balaghat districts for next 2 days.

CWC Site	River	District	Flood Type	Trend in Water Level
Saner at Chargawan	Narmada	Jabalpur	Extreme	Rising

### Andhra Pradesh

Water level rise and flood like situation is expected in lower Godavari and Krishna 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
Kunavaram	Godavari	AlluriSitharama	Severe	Rising
Chinturu	Sabri	AlluriSitharama	Above Normal	Rising
Dowlaiswaram	Godavari	East Godavari	Above Normal	Steady

## Telangana

Water level rise is expected in Indravathi, Sabari, and in rivers of lower Godavari and in lower main stem for next 24 hrs.

CWC Site	River	District	Flood Type	Trend in Water Level
Perur	Godavari	Mulugu	Severe	Falling
Bhadrachalam	Godavari	Bhadradi	Above Normal	Falling
Dummagudem	Godavari	Bhadradi	Above Normal	Falling
Eturunugaram	Godavari	Mulugu	Above Normal	Falling

## Karnataka

Above threshold inflows are expected into projects such as Tungabhadra, Bhadra, Harangi, Hidkal, Krishnarajasagar, Kabini, Hemavathy, Almatti, Krishnarajasagar, Narayanapur, Linganamakki for next 2 days. Releases from other dams may be also 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
Marol	Varadha	Haveri	Above Normal	Rising
Santeguli	Aghanashini	Uttar Kanada	Above Normal	Rising
Kollegal	Cauvery	Chamarajanagar	Above Normal	Falling

## Himachal Pradesh

Water level rise is expected in rivers Ravi, Beas, Upper Yamuna and other small rivers in districts Chamba, kangra, Mandi, Sirmaur districts for next 24 hrs.

## Assam

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

CWC Site	River	District	Flood Type	Trend in Water Level
Sivasagar	Dikhow	Sivasagar	Severe	Rising
Nanglamoraghat	Desang	Sivasagar	Severe	Rising
Margherita	Buridehing	Tinsukia	Severe	Falling
Numaligarh	Dhansiri(S)	Golaghat	Above Normal	Rising
Beki Rd Bridge	Beki	Barpeta	Above Normal	Rising
Tezpur	Brahmaputra	Sonitpur	Above Normal	Rising
Neamatighat	Brahmaputra	Jorhat	Above Normal	Rising
Golokganj	Sankosh	Dhubri	Above Normal	Steady
Goalpara	Brahmaputra	Goalpara	Above Normal	Steady
NT Rd Xing JiaBharali	Giabharali	Sonitpur	Above Normal	Steady
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Steady
Dhubri	Brahmaputra	Dhubri	Above Normal	Steady
Karimganj	Kushiyara	Karimganj	Above Normal	Falling

## West Bengal& Sikkim

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

CWC Site	River	District	Flood Type	Trend in Water Level
Mekhliganj	Teesta	Cooch Behar	Above Normal	Rising
Melli	Teesta	Namchi	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
Raysi	Banganga	Haridwar	Above Normal	Rising
Thal	Ramganga	Pithoragarh	Above Normal	Steady
Bangapani(Munsyari)	Gauri Ganga	Pithoragarh	Above Normal	Falling

## Bihar

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

CWC Site	River	District	Flood Type	Trend in Water Level
Dumariaghat	Gandak	Gopalganj	Severe	Steady
Birpur	Kosi	Supaul	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Steady
Darauli	Ghagra	Siwan	Above Normal	Steady
Benibad	Bagmati	Muzaffarpur	Above Normal	Steady
GangpurSiswan	Ghagra	Siwan	Above Normal	Steady
Lalganj	Gandak	Vaishali	Above Normal	Steady
Sultanganj	Ganga	Bhagalpur	Above Normal	Steady
Basua	Kosi	Supaul	Above Normal	Falling
Kursela	Kosi	Katihar	Above Normal	Falling

## Uttar Pradesh

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

CWC Site	River	District	Flood Type	Trend in Water Level
Kachlabridge	Ganga	Budaun	Severe	Steady
Elginbridge	Ghaghra	Barabanki	Severe	Steady
Turtipar	Ghagra	Ballia	Severe	Falling
Chandradeepghat	Kwano	Gonda	Severe	Falling
Garhmukteshwar	Ganga	Hapur	Above Normal	Steady
Basti	Kwano	Basti	Above Normal	Steady
Khadda	Gandak	Kushi Nagar	Above Normal	Steady
Mukhlispur	Kwano	SantKabir Nagar	Above Normal	Falling
Paliakalan	Sarda	Kheri	Above Normal	Falling
Shardanagar	Sarda	Kheri	Above Normal	Falling
Birdghat	Rapti	Gorakhpur	Above Normal	Falling
Ayodhya	Ghagra	Ayodhya	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	24-07-2024	25-07-2024	26-07-2024	27-07-2024	28-07-2024	29-07-2024	30-07-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	N	AN	S	S	S	E
2	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	N	N	N	AN	AN	S	S
3	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	AN	AN	AN	S	S	S	S
4	AKHUAPADA	BAITARANI	BHADRAK	Odisha	N	N	N	N	AN	S	AN
5	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	AN	AN	N	N	AN	S
6	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	S	S	S	S	S	S
7	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	N	AN	AN	AN	AN	S
8	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	S	S	S	S	S	S	S
9	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	S	S	S	S	S
10	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	S	S	S	S	S
11	ARARIA	PARMAN	ARARIA	Bihar	N	N	N	AN	AN	AN	S
12	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
13	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	AN	AN	AN	S
14	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	S	S	S	S	S	S	S
15	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	AN	AN	AN	AN	AN
16	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
17	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	Andhra Pradesh	S	S	AN	AN	N	N	N
18	PAUNI	WAINGANGA	BHANDARA	Maharashtra	AN	S	S	S	S	S	S
19	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	N	N	N	S	S	S	S
20	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN	AN	AN



21	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	AN	AN	AN
22	DIBRUGARH	BRAHMAPUTR A	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
23	GOALPARA	BRAHMAPUTR A	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
24	GOLAGHAT	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	N	N	N	N	AN	AN
25	GUWAHATI(D.C.CO URT)	BRAHMAPUTR A	KAMRUP	Assam	N	AN	AN	AN	AN	AN	AN
26	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN	AN	AN
27	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	N	N	N	N	N	AN
28	KASHINAGAR	VAMSADHAR A	GAJAPATI	Odisha	N	N	N	N	N	AN	AN
29	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
30	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
31	BIRDEGHAT	RAPTI	GORAKHPUR	Uttar Pradesh	AN	N	N	N	N	N	N
32	DABRI	RAMGANGA	SHAHJHANPUR	Uttar Pradesh	N	N	N	N	N	N	AN
33	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
34	DHENGRAHAT	MAHANANDA	PURNIA	Bihar	N	N	N	N	N	AN	AN
35	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
36	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	N	N	N	N	AN	AN	AN
37	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	N	N	N	N	N	N
38	GARHMUKTESHWAR	GANGA	HAPUR	Uttar Pradesh	AN	AN	N	N	N	N	N
39	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN



40	JHAWA	MAHANANDA	KATIHAR	Bihar	N	N	N	N	N	N	AN
41	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
42	KURSELA	KOSI	KATIHAR	Bihar	AN	AN	AN	N	N	N	N
43	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	N	N	N	AN	AN
44	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	N	N	AN	AN	AN	AN	AN
45	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	N	N	N	N	AN	AN	AN
46	MORADABAD	RAMGANGA	MORADABAD	Uttar Pradesh	N	N	N	N	N	N	AN
47	BHADRACHALAM	GODAVARI	BHADRADRI	Telangana	AN	AN	N	N	N	N	N
48	ETURUNAGARAM	GODAVARI	MULUGU	Telangana	AN	AN	N	N	N	N	N
49	KALESWARAM	GODAVARI	BHUPALPALLY	Telangana	AN	N	N	N	N	N	N
50	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	AN	N	N	N	N	N	N
51	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN	AN	AN
52	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	N	N	N	N
53	MELLI	TEESTA	NAMCHI	Sikkim	AN	AN	AN	AN	N	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).

#### 4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 23<sup>rd</sup> July 2024

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/EFER(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					
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	Tungabhadra Dam	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Ballari					
11	Bhadra Reservoir	Bhadra/Upper Tungabhadra/Krishna	Karnataka	Chikamagaluru					
12	Hidkal Dam	Ghataprabha/Upper krishna/Krishna	Karnataka	Belgaum					
13	Narayanpur Reservoir	Krishna/Upper krishna/Krishna	Karnataka	Bagalkot					
14	Hemavathy Reservoir	Hemavathy/Upper cauvery/Cauvery	Karnataka	Hassan					
15	Krishnarajasagar Reservoir	Cauvery/Middle Cauvery/Cauvery	Karnataka	Mandya					
16	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
17	Warna dam	Warna/Upper Krishna/Krishna	Maharashtra	Kolhapur					

18	Totladoh Project	Pench/Wainganga/Godavary	Maharashtra	Nagpur					
19	Veer Dam	Nira/Upper Bhima/Krishna	Maharashtra	Satara					
20	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
21	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
22	Musi Dam	Musi/Lower Krishna/Krishna	Telangana	Nalgonda					
23	PD Jurala	Krishna/Upper krishna/Krishna	Telangana	Mahbubnagar					

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