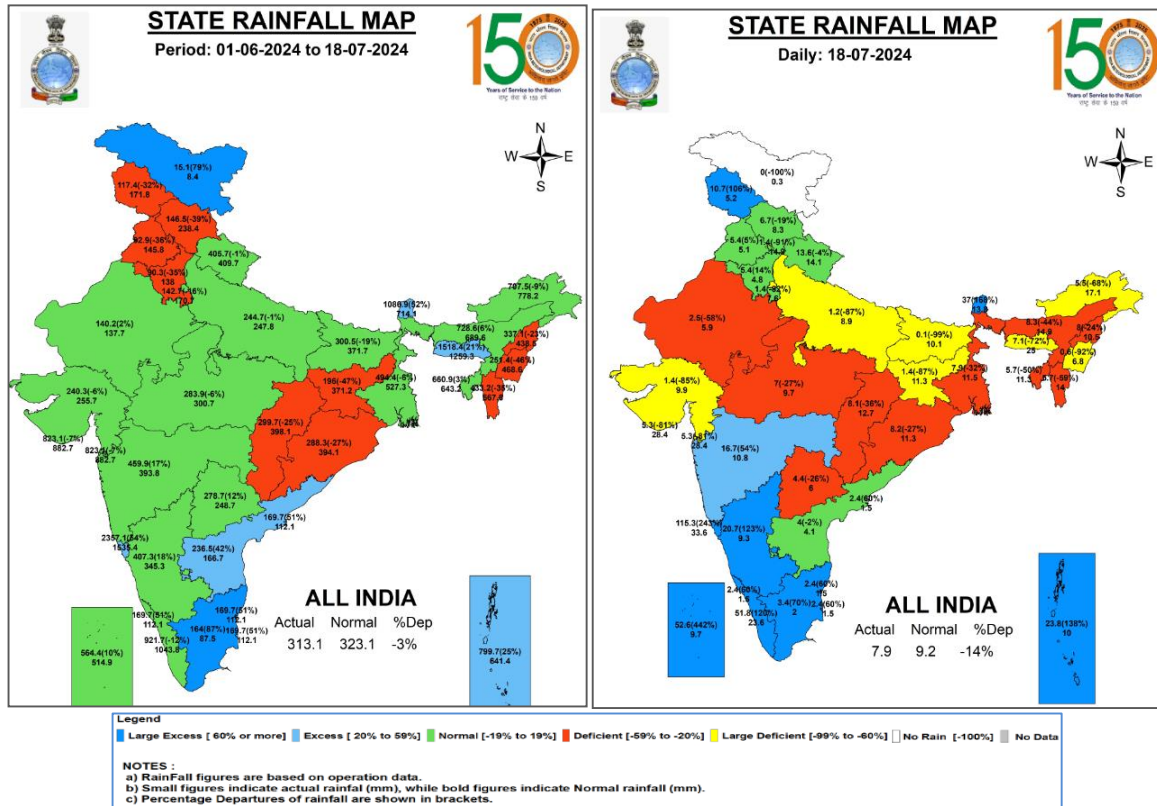




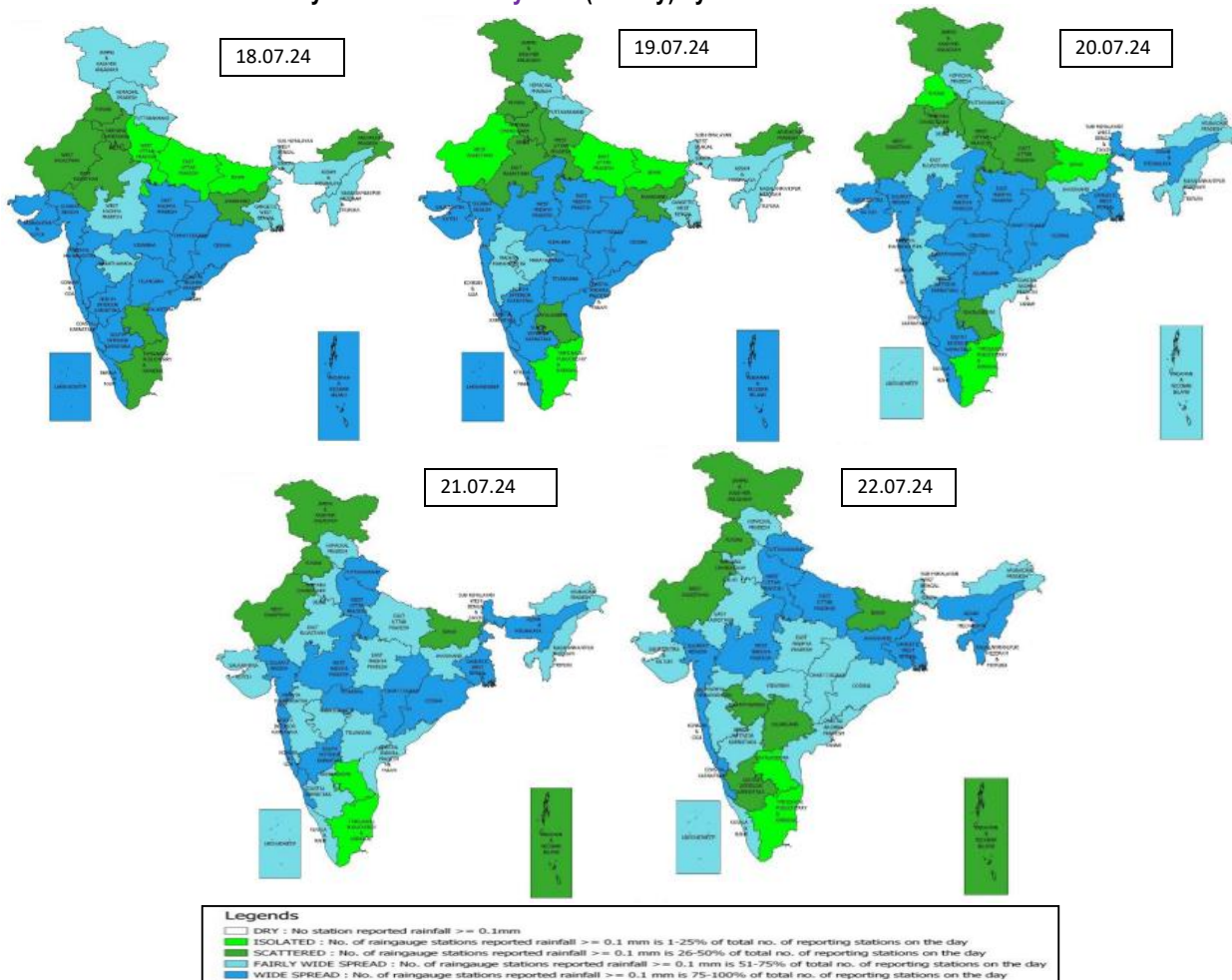
Central Water Commission
Daily Flood Situation Report cum Advisories
18-07-2024

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 18th July 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

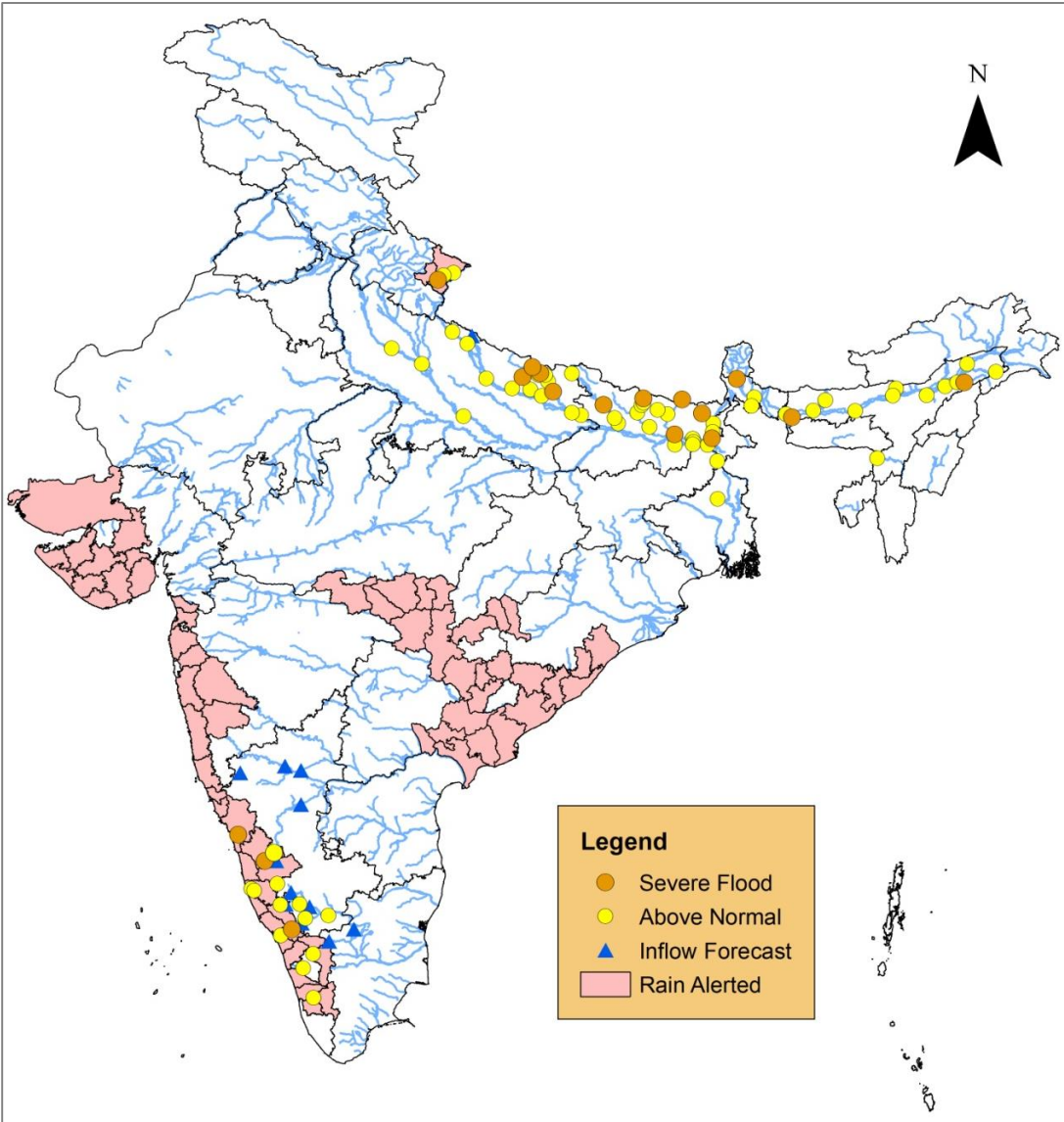
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 18th July 2024, 8 Stations (3 in Bihar, 2 in Assam, and 1 each in Kerala, Sikkim & Uttar Pradesh) are flowing in Severe Flood Situation, 35 stations (12 each in Assam & Bihar, 7 in Uttar Pradesh, 3 in West Bengal and 1 in Jharkhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 13 dams and barrages (10 in Karnataka, 2 in Tamilnadu and 1 in Uttar Pradesh).

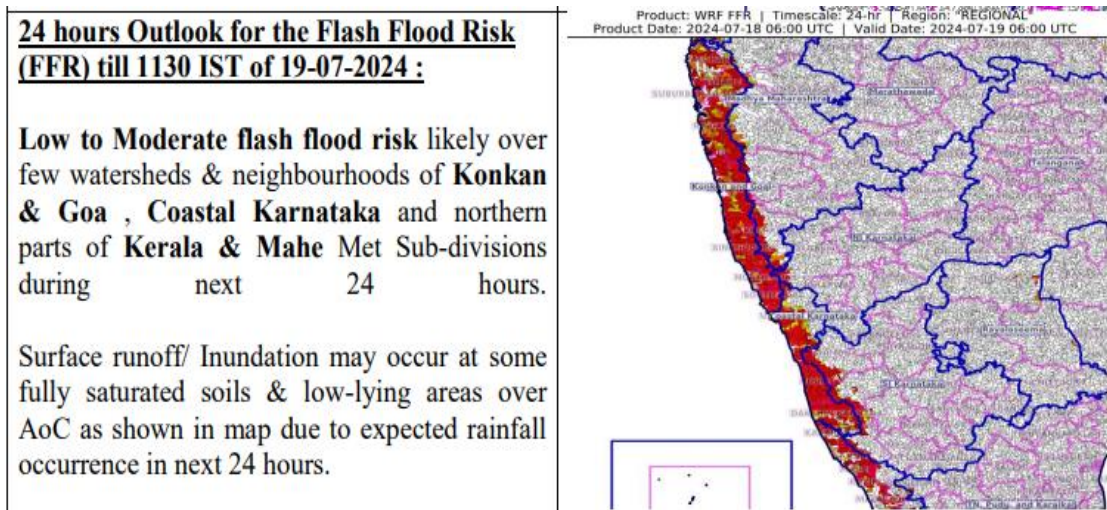
PART - I: LEVEL FORECAST		(Total Sites - 200)		
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites	
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		0	
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(2), Bihar(3), Kerala(1), Sikkim(1), Uttar Pradesh(1)	8	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(12), Bihar(12), Jharkhand(1), Uttar Pradesh(7), West Bengal(3)	35	
Total number of sites above Warning Level (A+B+C)			43	
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(10), Tamil Nadu(2), Uttar Pradesh(1)	13	

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrwcdfb-18.07.2024_6.pdf

Flood Situation Map



2.2 Flash Flood Guidance



2.2 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 3-4 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 low-pressure area has formed over Central and adjoining North Bay of Bengal with associated cyclonic circulation extending upto mid tropospheric levels tilting southwestwards with height. It is likely to become more marked and move northwestwards towards Odisha coast during next 2 days.
 - A cyclonic circulation lies over Kutch & adjoining Northeast Arabian Sea in lower tropospheric levels.
1. Isolated extremely heavy rainfall very likely over Konkan & Goa, Madhya Maharashtra, Telangana during 18th-20th; South Interior Karnataka, Coastal Karnataka, Gujarat State, Coastal Andhra Pradesh & Yanam on 18th & 19th; Kerala and Tamil Nadu on 18th; Vidarbha, south Chhattisgarh on 19th & 20th and south Odisha on 19th July. Heavy to very heavy rainfall very likely at isolated/some places over Konkan & Goa, Madhya Maharashtra, Gujarat State, Coastal & South Interior Karnataka, Kerala & Mahe during next 5 days; Coastal Andhra Pradesh & Yanam during 18th-20th; Tamil Nadu on 18th & 19th July and Telangana during 18th-21st July.
 2. Isolated very heavy rainfall likely over Vidarbha, Chhattisgarh on 18th; Odisha on 18th & 20th; Marathwada on 20th; West Madhya Pradesh during 20th-22nd; East Madhya Pradesh on 21st & 22nd July
 3. Isolated very heavy rainfall also likely over Himachal Pradesh on 21st and Uttarakhand on 18th, 21st & 22nd 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, Sharavati, Haladi, Aghanashini, Netravathi, Sita, Varada, Kumuvati, Gurpur, Upper Tunga and small rivers in Dakshin Kannada, Udupi, Uttara Kannada, Shimoga, Chikmangallur, districts for next 24 hrs. Increased inflow is expected into projects such as Tungabhadra, Bhadra, Harangi,

Krishnarajasagar, Kabini, Hemavathy, Almatti, Krishnarajasagar, Narayanapur, Linganamakki for next 24 hrs. Kabini dam rule levels may be maintained and dam may be operated as per SOP. 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
Santeguli	Aghanashini	Uttar Kanada	Severe	Rising
Mahishi	Tunga	Shimoga	Severe	Steady
Yennehole	Sawarna	Udupi	Above Normal	Rising
Chunchunkatte	Kaveri	Mysore	Above Normal	Rising
Hommaragalli	Kabini	Mysore	Above Normal	Rising
Bettadamane	Hemavathy	Chickmagalur	Above Normal	Rising
Mukkodlu	Harangi	Kodagu	Above Normal	Rising
Addoor	Gurpur	Dakshin Kannada	Above Normal	Rising
Kollegal	Kaveri	Chamarajanagar	Above Normal	Rising
Shimoga	Tunga	Shimoga	Above Normal	Falling
Bantwal	Netrvathi	Dakshin Kannada	Above Normal	Falling

Kerala

Since very heavy to heavy rains are continuing in state and very heavy to extremely heavy rainfall predicted for Nilgris and Coimbatore districts (Tamilnadu), increased water levels are expected to continue in Manimala, Achankoil, Gayatri, Pamba, Kabini, Bhavani, Thodupuzha, Chalakudy, Periyar, Bharathapuzha, Kuttyadi rivers and other small rivers in districts Kasaragode, Kannur, Kozhikode, Malapuram 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
Muthankhera	Kabini	Wayanad	Severe	Rising
Kottathara	Bhavani	Palghat	Above Normal	Rising
Kondazhy	Gayatri	Trichur	Above Normal	Rising
Manakkad	Thodupuzza	Idukki	Above Normal	Steady
Palakavadu	Karuvannur	Thrissur	Above Normal	Falling
Kuttyadi	Kuttyadi	Kozhikode	Above Normal	Falling

Maharashtra

Due to the existence of Low Pressure Area in Bay of Bengal and intensification of monsoon winds water level rise is expected in Upper Bhima, Bav, Ulhas, Vaitarna, Damanganga, Vashisti and other small rivers in districts Pune, Satara, Kolhapur, Sindhudurg, Raigad, Palghar and Thane for next 24 hrs.

Odisha

Keep alert for water level rise in Lower Mahanadi, Rushikuliya, Vamsadhra, Nagavalli, Kolab and Indravati rivers and other small rivers in districts Koraput, Malkangiri, Gajapati, Ganjam and Puri.

Andra Pradesh

Water level is expected to rise in rivers of Lower Godavari and other small East flowing rivers situated north of Godavari basin.

Assam

Water levels in Manas, Beki, Sankosh are expected to show slight rise 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
Nanglamoraghat	Desang	Sivasagar	Severe	Rising
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Golokganj	Sankosh	Dhubri	Above Normal	Rising
Beki Rd Bridge	Beki	Barpeta	Above Normal	Rising
Neamatighat	Brahmaputra	Jorhat	Above Normal	Steady
Goalpara	Brahmaputra	Goalpara	Above Normal	Steady
Sivasagar	Dikhow	Sivasagar	Above Normal	Steady
Tezpur	Brahmaputra	Sonitpur	Above Normal	Steady
Guwahati(DC Court)	Brahmaputra	Kamrup	Above Normal	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Falling
Margherita	Buridehing	Tinsukia	Above Normal	Falling
Karimganj	Kushiyara	Karimganj	Above Normal	Falling
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Falling
NT Road crossing Jia- Bharali	Jiabharali	Sonitpur	Above Normal	Falling
Numaligarh	Dhansiri	Golaghat	Above Normal	Falling

West Bengal & Sikkim

Water level is expected to be in steady to rising 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
Mekhliganj	Teesta	Cooch Behar	Above Normal	Rising
CS 97 A Ganga Farakka	Ganga	Murshidabad	Above Normal	Steady
Jaldhaka NH-31	Jaldhaka	Jalpaiguri	Above Normal	Falling
Melli	Teesta	Namchi	Above Normal	Falling

Uttarakhand

Water level is expected to rise in Sharda and its tributaries for next 24 hrs.

CWC Site	River	District	Flood Type	Trend in Water Level
Thal	Ramganga	Pithoragarh	Severe	Falling
Kanjyoti	Dhauliganga	Pithoragarh	Above Normal	Rising
Bangapani(Munsyari)	Gauriganga	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
Birpur	Kosi	Supaul	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Steady
Labha	Fulhar	Katihar	Severe	Falling
Araria	Parman	Araria	Severe	Falling
Saharghat	Adwara	Madhubani	Severe	Falling
Dumariaghat	Gandak	Gopalganj	Severe	Falling

Rosera	BurhiGandak	Samastipur	Above Normal	Steady
Darauli	Ghagra	Siwan	Above Normal	Steady
Jhanjarpur	Kamlabalan	Madhubani	Above Normal	Steady
Kursela	Kosi	Katihar	Above Normal	Steady
Lalganj	Gandak	Vaishali	Above Normal	Falling
Basua	Kosi	Supaul	Above Normal	Falling
Benibad	Bagmati	Muzaffarpur	Above Normal	Falling
Dhengraghat	Mahananda	Purnia	Above Normal	Falling
Kamtaul	Adhwara	Darbhanga	Above Normal	Falling
Rewaghat	Gandak	Muzaffarpur	Above Normal	Falling
Kahalgaon	Ganga	Bhagalpur	Above Normal	Falling
Jhawa	Mahananda	Katihar	Above Normal	Falling
Saulighat	Adhwara	Madhubani	Above Normal	Falling
Khagaria	BurhiGandak	Khagaria	Above Normal	Falling
Azmabad	Ganga	Bhagalpur	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
Muhchurwaghat	BurhiRapti	Siddhartnagar	Severe	Steady
Chandradeepghat	Kwano	Gonda	Severe	Steady
Birdghat	Rapti	Gorakhpur	Severe	Falling
Kakrahi	BurhiRapti	Siddhartnagar	Severe	Falling
Shardanagar	Sarda	Kheri	Above Normal	Steady
Khadda	Gandak	Kushi Nagar	Above Normal	Steady
Ayodhya	Ghagra	Ayodhya	Above Normal	Steady
Dabri	Ramganga	Shahjahanpur	Above Normal	Steady
Kachlabridge	Ganga	Budaun	Above Normal	Steady
Turtipar	Ghagra	Ballia	Above Normal	Steady
Bhitaura	Ganga	Fatehpur	Above Normal	Steady
Elginbridge	Ghaghra	Barabanki	Above Normal	Steady
Mukhlisipur	Kwano	SantKabir Nagar	Above Normal	Steady
Paliakalan	Sarda	Kheri	Above Normal	Falling
Regauli	Rapti	Gorakhpur	Above Normal	Falling
Bansi	Rapti	Siddhartnagar	Above Normal	Falling
Basti	Kwano	Basti	Above Normal	Falling
Uskabazar	BurhiRapti	Siddhartnagar	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	19-07-2024	20-07-2024	21-07-2024	22-07-2024	23-07-2024	24-07-2024	25-07-2024
1	Annapurna ghat	Barak	Cachar	Assam	N	N	S	S	S	S	E
2	Badarpur ghat	Barak	Karimganj	Assam	AN	AN	S	S	S	S	E
3	Karimganj	Kushiyara	Karimganj	Assam	S	S	S	S	S	S	E
4	Goalpara	Brahmaputra	Goalpara	Assam	AN	AN	AN	AN	AN	S	S
5	Nanglamoraghat	Desang	Sivsagar	Assam	S	AN	N	AN	AN	AN	AN
6	Neamatighat	Brahmaputra	Jorhat	Assam	AN	AN	S	S	S	S	S
7	Numaligarh	Dhansiri (south)	Golaghat	Assam	AN	AN	AN	S	S	S	S
8	Sivasagar	Dikhow	Sivsagar	Assam	AN	AN	AN	S	S	S	AN
9	Tezpur	Brahmaputra	Sonitpur	Assam	AN	AN	AN	S	S	S	S
10	Dhubri	Brahmaputra	Dhubri	Assam	S	S	S	S	S	S	S
11	Araria	Parman	Araria	Bihar	S	S	S	S	S	S	S
12	Baltara	Kosi	Khagaria	Bihar	S	S	S	S	S	S	S
13	Benibad	Bagmati	Muzaffarpur	Bihar	AN	AN	AN	S	S	S	S
14	Birdghat	Rapti	Gorakhpur	Uttar Pradesh	S	S	AN	AN	N	N	N
15	Ekmighat	Adhwara	Darbhanga	Bihar	N	AN	AN	AN	AN	AN	S
16	Kahalgaoon	Ganga	Bhagalpur	Bihar	AN	AN	AN	AN	AN	AN	S
17	Kamtaul	Adhwara	Darbhanga	Bihar	AN	AN	AN	AN	AN	AN	S
18	Kursela	Kosi	Katihar	Bihar	AN	S	S	S	S	S	S
19	Dumariaghat	Gandak	Gopalganj	Bihar	S	S	S	S	S	S	S
20	Dowlaiswaram (state govt site)	Godavari	East godavari	Andhra Pradesh	AN	AN	S	S	S	AN	AN
21	Akhuapada	Baitarani	Bhadrak	Odisha	N	N	N	N	AN	N	N
22	Badatighat	Subansiri	Lakhimpur	Assam	N	AN	AN	AN	AN	AN	AN
23	Beki road bridge	Beki	Barpeta	Assam	AN	AN	AN	AN	AN	AN	AN
24	Chenimari (khowang)	Buridehing	Dibrugarh	Assam	N	N	N	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	AN	AN	N
28	Guwahati(d.c.court)	Brahmaputra	Kamrup	Assam	AN	AN	AN	AN	AN	AN	AN

29	Nt road crossing jia-bharali	Jiabharali	Sonitpur	Assam	AN	AN	AN	AN	AN	AN	AN
30	Ayodhya	Ghagra	Ayodhya	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
31	Balrampur	Rapti	Balrampur	Uttar Pradesh	N	N	N	N	N	N	AN
32	Bansi	Rapti	Siddharth nagar	Uttar Pradesh	AN	N	N	N	N	N	N
33	Basua	Kosi	Supaul	Bihar	AN	AN	AN	AN	AN	AN	AN
34	Dabri	Ramganga	Shahjhanpur	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
35	Darauli	Ghagra	Siwan	Bihar	AN	AN	AN	N	N	N	N
36	Dhengraghat	Mahananda	Purnia	Bihar	AN	AN	AN	AN	AN	AN	AN
37	Elginbridge	Ghagra	Barabanki	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
38	Hayaghat	Bagmati	Darbhanga	Bihar	N	N	N	N	AN	AN	AN
39	Jhanjharpur	Kamalabalan	Madhubani	Bihar	AN	AN	AN	AN	AN	AN	AN
40	Jhawa	Mahananda	Katihar	Bihar	AN	AN	AN	AN	AN	AN	AN
41	Kachhlabridge	Ganga	Budaun	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
42	Khadda	Gandak	Kushinagar	Uttar Pradesh	AN	AN	AN	N	N	AN	AN
43	Khagaria	Burhi gandak	Khagaria	Bihar	AN	AN	AN	AN	AN	AN	AN
44	Rewaghat	Gandak	Muzaffarpur	Bihar	AN	AN	AN	AN	AN	N	AN
45	Sahibganj	Ganga	Sahibganj	Jharkhand	AN	AN	AN	AN	AN	AN	AN
46	Turtipar	Ghagra	Ballia	Uttar Pradesh	AN	AN	N	N	N	N	N
47	Dheng bridge	Bagmati	Sitamarhi	Bihar	N	N	N	AN	AN	AN	AN
48	Runisaidpur	Bagmati	Muzaffarpur	Bihar	N	N	N	AN	AN	AN	AN
49	Farakka(ff)	Ganga	Murshidabad	West Bengal	AN	AN	AN	AN	AN	AN	AN
50	Mandla	Narmada	Mandla	Madhya Pradesh	N	N	N	N	N	N	AN
51	Golokganj	Sankosh	Dhubri	Assam	AN	N	N	N	N	AN	AN
52	Jaldhaka nh-31	Jaldhaka	Jalpaiguri	West Bengal	AN	AN	AN	N	N	N	N
53	Mekhliganj (r_b)	Teesta	Kochbihar	West Bengal	AN	AN	N	N	N	N	N
54	Melli	Teesta	Namchi	Sikkim	AN	AN	N	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 18th 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/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	Hemavathy Reservoir	Hemavathy/Upper Cauvery /Cauvery	Karnataka	Hassan					
10	Almatti Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
11	Narayanpur Reservoir	Krishna/Upper krishna/Krishna	Karnataka	Bagalkot					
12	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
13	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
14	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
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

