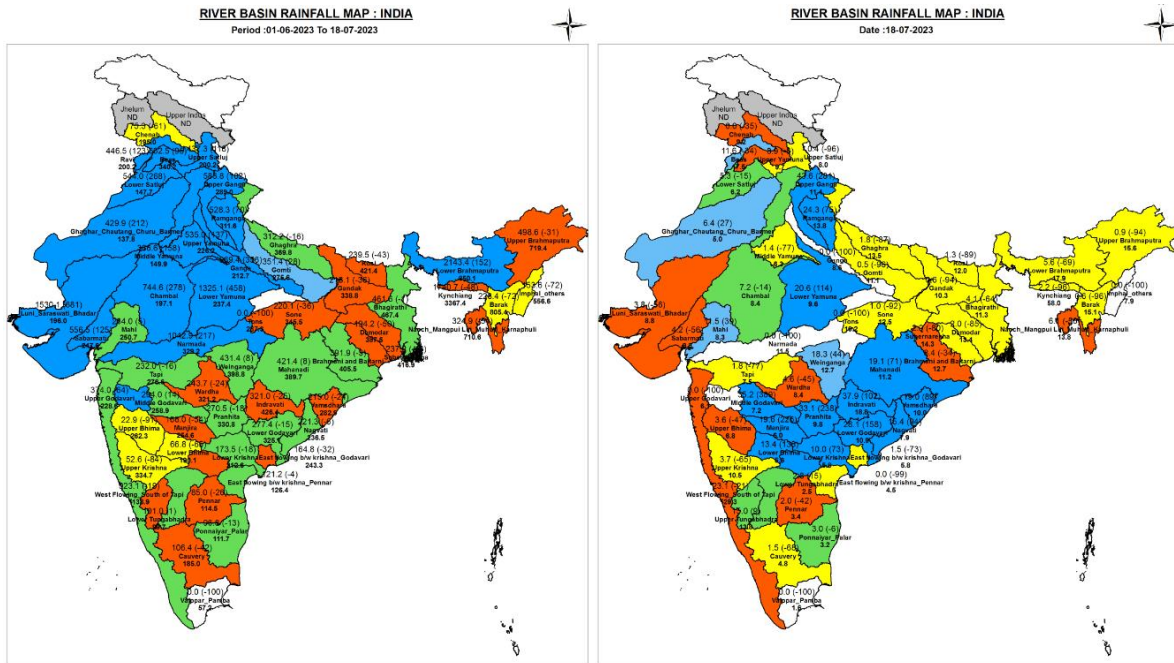




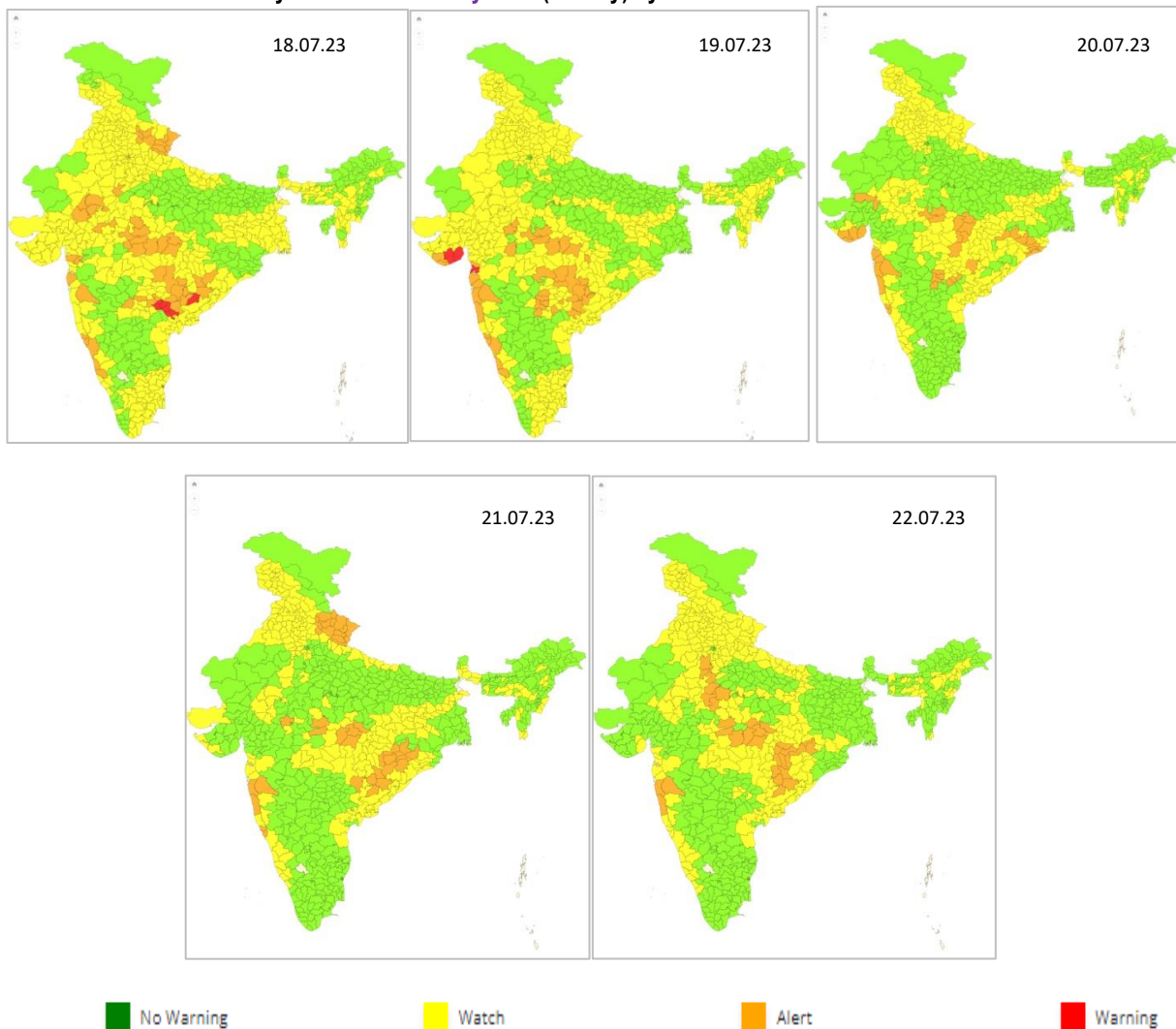
Central Water Commission
Daily Flood Situation Report cum Advisories
18-07-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 18th July 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

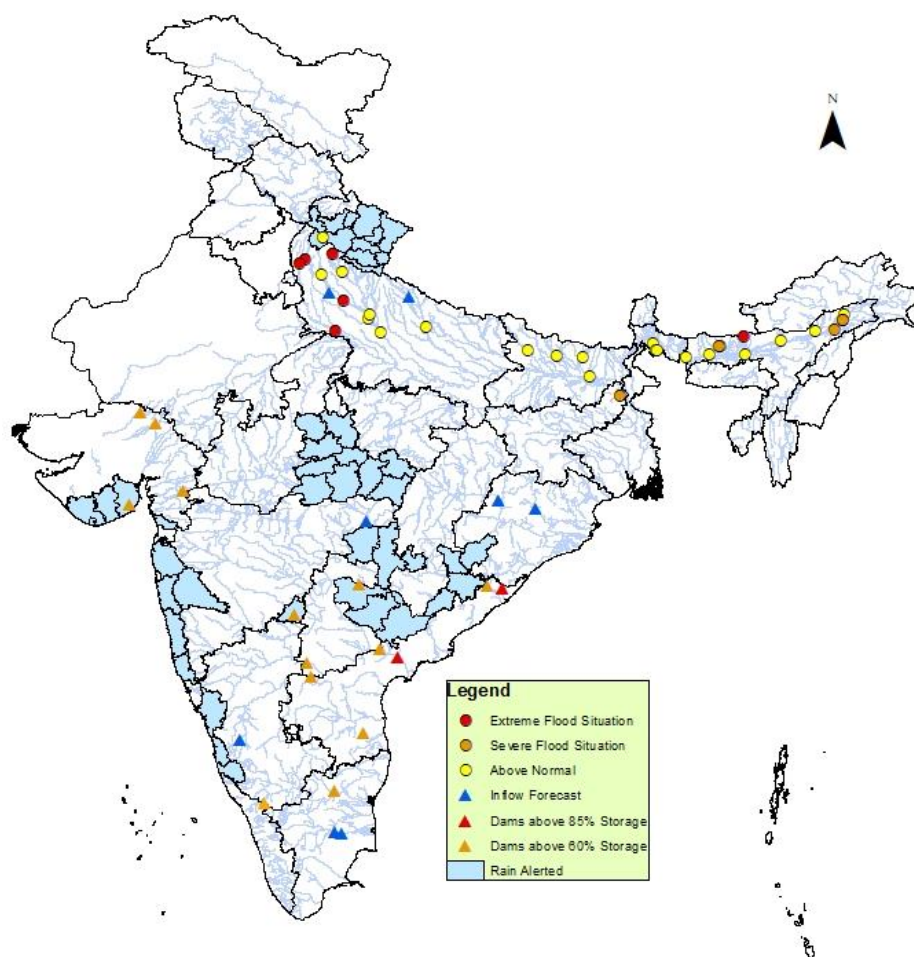
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 18th July 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation, 10 stations (7 in Assam and 1 each in Bihar, Delhi & Uttar Pradesh) are flowing in Severe Flood Situation, 23 stations (8 in Uttar Pradesh, 6 each in Assam & Bihar, 2 in West Bengal and 1 in Uttarakhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 11 Dams and Barrages (3 in Uttar Pradesh, 2 each in Telangana, Tamil Nadu & Odisha, 1 each in Karnataka & Uttarakhand).

PART - I: LEVEL FORECAST		(Total Sites - 199)	
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)	Uttar Pradesh(1)	1
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(7), Bihar(1), Delhi(1), Uttar Pradesh(1)	10
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(6), Bihar(6), Uttar Pradesh(8), Uttarakhand(1), West Bengal(2)	23
Total number of sites above Warning Level (A+B+C)			34
PART - II: INFLOW FORECAST		(Total Sites - 134)	
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Karnataka(1), Odisha(2), Tamil Nadu(2), Telangana(2), Uttar Pradesh(3), Uttarakhand(1)	11

Details are given at link: - https://cwc.gov.in/sites/default/files/cfrcwcdfb18.07.2023_2.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Uttarakhand

IMD has predicted very heavy rains in **Tehri Garhwal, Dehradun, Haridwar, Pauri Garhwal, Almora, Nainital, Udham Singh Nagar, Champawat, Bageshwar, Pithoragarh** for next two days. Keep watch for water level rise in rivers such as Upper Yamuna, Gola, Ramganga, Kosi, Fica, Sarda, Sarju, Deoha and other tributaries of rivers in upper Ganga. It is informed that upper Yamuna basin is already saturated due to extremely heavy rainfall of immediate past so any further very heavy rains can lead to a flood like situation in Uttarakhand as well as lower riparian states. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Raysi	Solani	Haridwar	Above Normal	Rising
Bangapani	Gauri ganga	Pithoragarh	Above Normal	Rising
Kanjyothi	Dhuilganga	Pithoragarh	Above Normal	Steady
Betalghat	Kosi	Nainital	Above Normal	Steady
Ghat	Sarju	Pithoragarh	Above Normal	Steady

New Delhi

Due to downward propagation of floods created in Upper Yamuna **Severe flood situation** exist in northern Delhi. CWC site at Delhi Railway Bridge in North Delhi has reported severe flood. The water levels at CWC Delhi Railway Bridge site is in falling state.

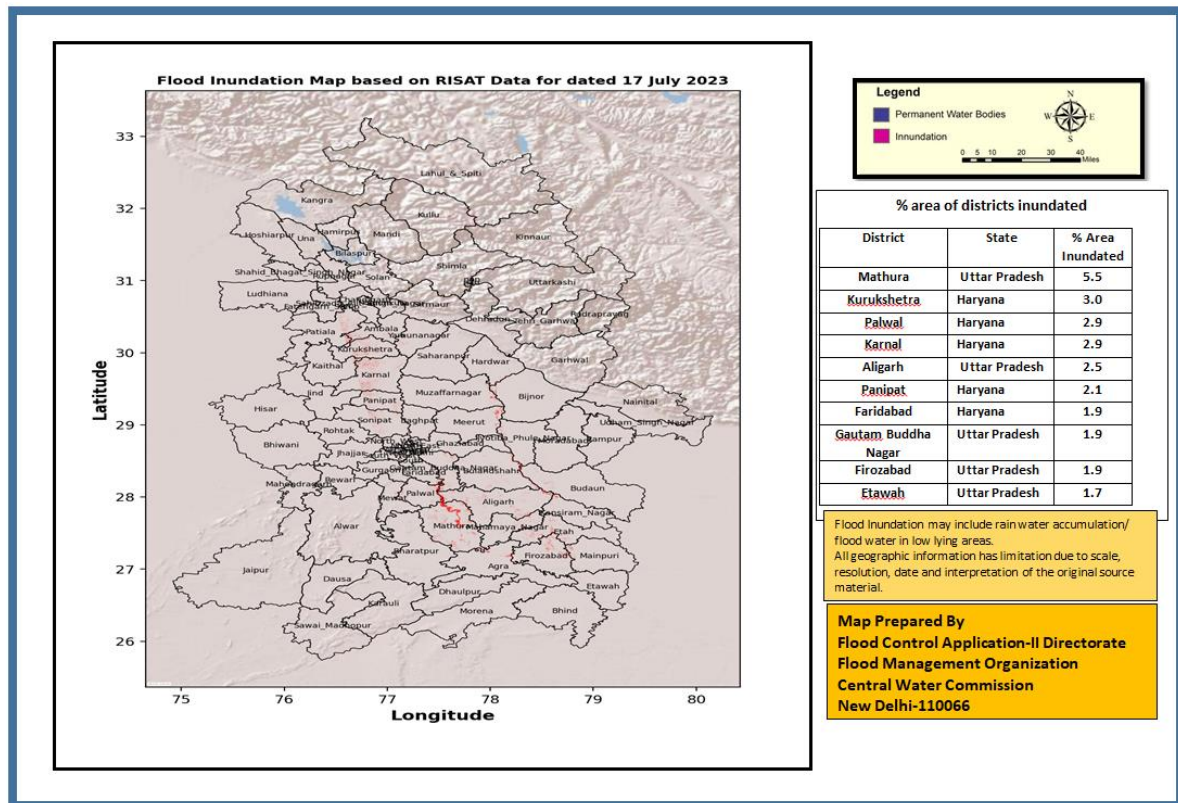
CWC Site	River	District	Flood Type	Trend in Water Level
Delhi Railway Bridge	Yamuna	North Delhi	Severe	Falling

Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian regions like Mathura, Agra. As per CWC network flood situation exists in Ganga river in districts **Hapur, Budan, Farrukhabad, Fatehpur**, in Ramganaga in districts **Moradabad, Shahjahanpur**, in Sarda in district **Kheri** and Ghaghra in district **Barabanki, Ayodhya**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Ratanpuri	Kali	Muzaffarnagar	Extreme	Rising
Shekpura	Krishni	Baghpat	Extreme	Rising
Bateshwar	Yamuna	Agra	Extreme	Rising
Kachlabridge	Ganga	Budaun	Extreme	Steady
Baleni	Hindon	Baghpat	Extreme	Rising
Nagina	Kho	Bijnor	Extreme	Rising
Pragyaghat	Yamuna	Mathura	Severe	Steady
Elginbridge	Ghagra	Barabanki	Above Normal	Rising

Inundation Map Prepared by CWC for Haryana and Uttar Pradesh



Bihar

Current flood situation as per CWC network is given below:

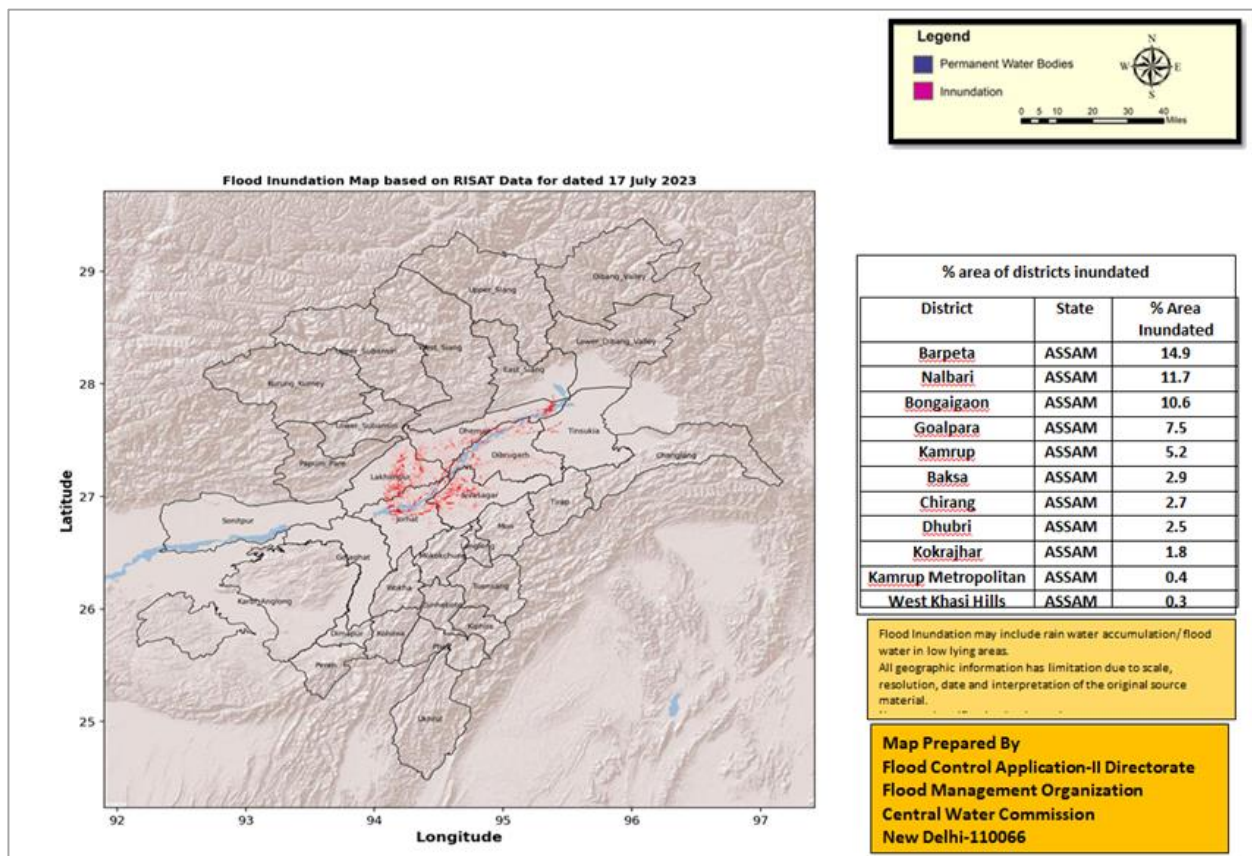
CWC Site	River	District	Flood Type	Trend in Water Level
Birpur	Kosi	Supaul	Severe	Steady
Araria	Parman	Araria	Severe	Falling
Basua	Kosi	Supaul	Above Normal	Rising

Assam

Current flood situation as per CWC site network is as given below:

CWC Site	River	District	Flood Type	Trend in Water Level
DRF	Puthimari	Baksa	Extreme	Steady
Beki Road Bridge	Beki	Barpeta	Severe	Falling
Khowang	Buridehing	Dibrugarh	Severe	Rising
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Nanglmoraghat	Desang	Sivasagar	Severe	Steady
Neamatighat	Brahmaputra	Jorhat	Severe	Falling
Sivasagar	Dikhow	Sivasagar	Severe	Falling
Tezpur	Brahmaputra	Sonitpur	Severe	Steady

Inundation Map Prepared by CWC for Assam



Andhra Pradesh

Very heavy rainfall is expected in **Srikakulam, Alluri Sitharamaraju, Kakinada, Konaseema, Eluru** districts. Alert for water level rise may be kept in Swarnamukhi, Godavari and other small rivers over the region.

Telangana

Extremely to very heavy rainfall is expected in **B.Kothagudem, Hanumakonda, Jnagoan, Kamareddy, Karimnagar, Khamman, Komaram Bheem, Mahabubabad, Medak, Mulugu, Nizamabad, Peddapalle, Sangareddy, Siddipet, Vikarabad, Warangal, Y.Bhuvanagiri** districts. Alert for water level rise may be kept in Godavari, Krishna and small rivers such as Wyr, Kinnerasani and others in the said region.

Maharashtra

Due to intensification of monsoon winds very heavy rains are expected in **Palghar, Thane, Mumbai, Raigad, Ratnagiri, Sindhudurg, Nasik, Pune, Kolhapur, Satara** districts, hence alert for water level rise may be kept in Kajvi, Upper Krishna, Bhima, Ulhas, Gad, Vaitarna, Savitri, Kal, Bav, Nira, Pachganga and other small rivers over the region. Alert for water level rise also may be kept in Pranhita, Wainganga, Wardha, Penganaga and other small rivers over **Chandrapur, Gadchiroli and Yavatmal** districts.

Gujarat

Due to intensification of monsoon winds very heavy rains are expected in **Valsad, Tapi, Junagah, Amreli, Bhavnagar and Gir Somnath** districts. Tapi, Damanganga and other small rivers of South Gujarat regiona; Shetrunji, Hiran, Machhundri and other small rivers of Saurashtra region.

Odisha

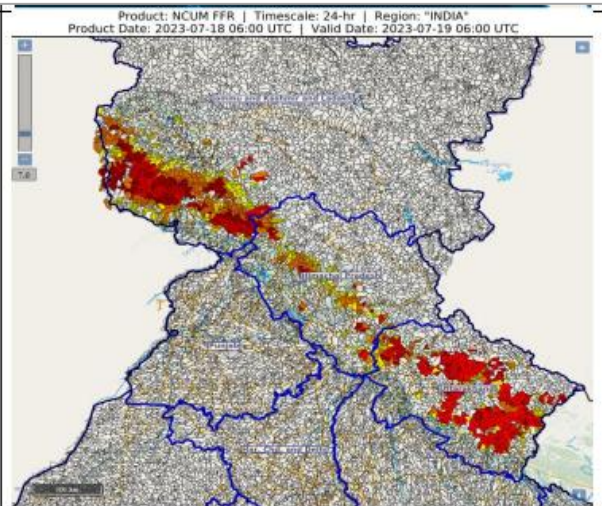
As the conditions are favorable for formation of Low Pressure Area over Coastal Odisha and adjoining Bay of Bengal very heavy rains are expected in **Kalahandi, Nawrangapur, Koraput and Malkangiri** districts. Hence alert for water level rise may be kept in Kolab, Indravati and other small rivers in the region.

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Himachal Pradesh, Southern Parts of Jammu & Kashmir & Ladakh** and **Uttarakhand** Met Sub-divisions during next 24 hours.

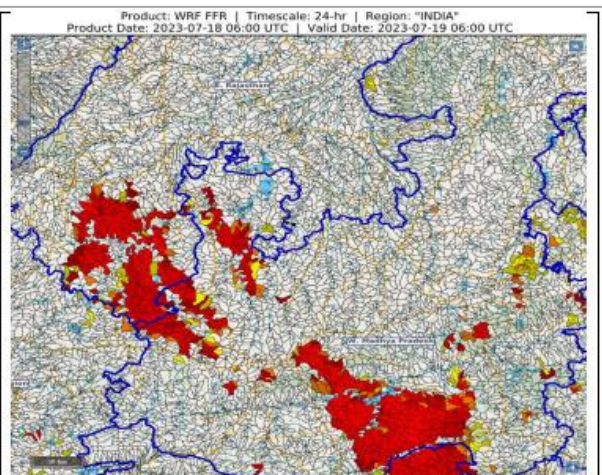
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **West Madhya Pradesh adjoining East Rajasthan** Met Sub-divisions during next 24 hours.

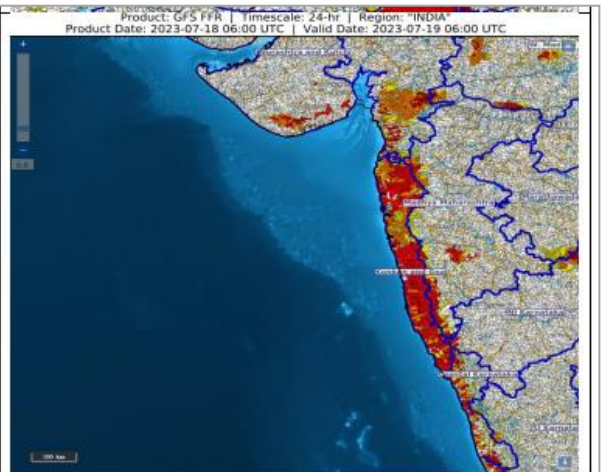
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Konkan & Goa adjoining Southern parts of Gujarat Region and Saurashtra & Kutch** 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.



3.0 Advisory Flood Forecast for next 5-days in Table form

The flood situational Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	19-07-2023	20-07-2023	21-07-2023	22-07-2023	23-07-2023
1	KACHHLA BRIDGE	GANGA	Budaun	Uttar Pradesh	E	E	E	S	S
2	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	S	S	S	S	S
3	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	S	S	S	S
4	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	S	S	S	S	S
5	GUWAHATI (D.C. COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	S	S
6	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	S	AN	AN	AN
7	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S
8	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	S	S	S	S	S
9	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	S	S	S
10	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S
11	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S
12	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	N	AN	AN	AN	AN
13	AGRA (J.B.)	YAMUNA	Agra	Uttar Pradesh	AN	AN	AN	AN	AN
14	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	N	N	N	N
15	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	N	AN	AN	AN	AN
16	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
17	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
18	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	AN	AN	AN	AN
19	DABRI	RAMGANGA	Shahjahanpur	Uttar Pradesh	AN	N	N	N	N
20	DARAULI	GHAGRA	Siwan	Bihar	N	N	N	AN	AN
21	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	N	N	N
22	ELGIN BRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
23	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	AN	N
24	JHAWA	MAHANANDA	Katihar	Bihar	AN	AN	N	N	N
25	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	N	N	N	N
26	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	AN	AN	AN
27	TURTIPAR	GHAGRA	Ballia	Uttar Pradesh	N	AN	AN	AN	AN
28	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
29	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	AN	AN	AN
30	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN
31	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	AN

32	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	AN	AN	N	N	N
33	DHARAMTUL	KOPILI	MARIGAON	Assam	N	N	N	N	AN
34	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
35	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
36	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
37	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	N	N	AN	AN
38	DOMOHANI	TEESTA	JALPAIGURI	West Bengal	N	N	N	AN	AN
39	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN
40	GOLOKGANJ	SANKOSH	DHUBRI	Assam	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 18th July 2023

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	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
2	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
3	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancheril/JaishankarBhupalpally					
4	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
5	Pulichinthala	Krishna/Lower Krishna/Krishna	AP	Nalgonda/Guntoor , Krishna (A P)					
6	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
7	Prakasam Barrage	Krishna/Lower Krishna/Krishna	AP	Eluru / Guntoor/ West Godavari					
8	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
9	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
10	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
11	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
12	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
13	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
14	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
15	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					

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

