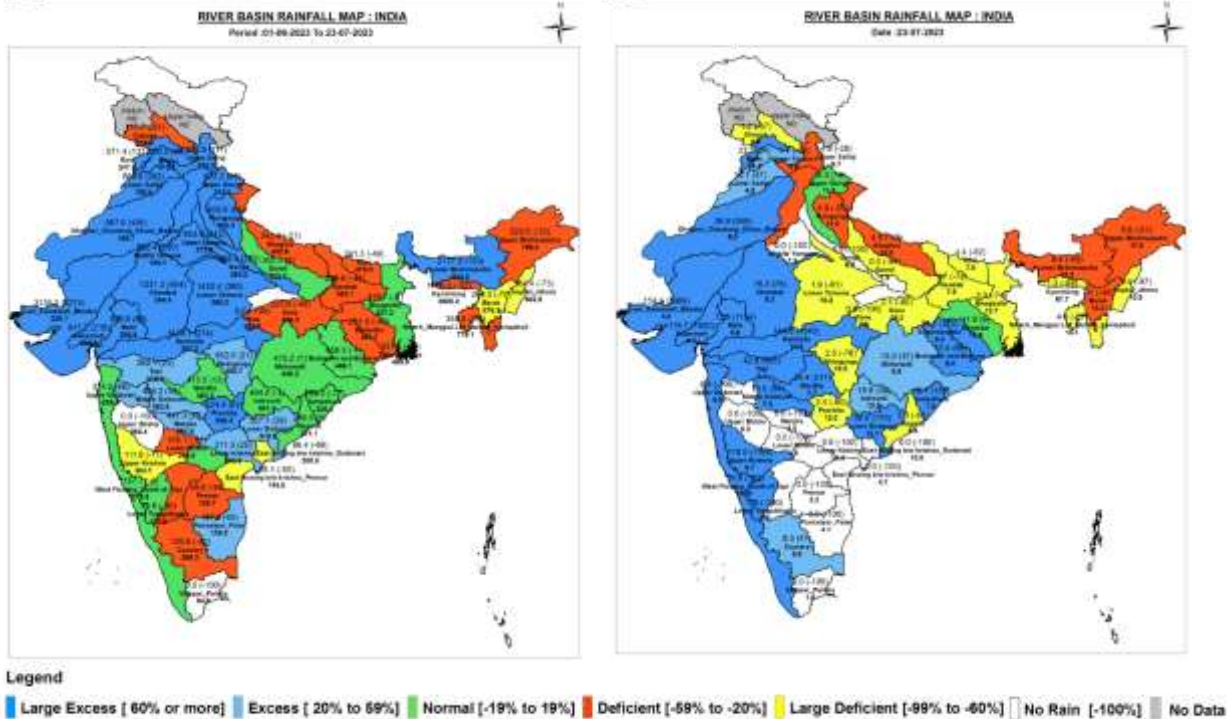




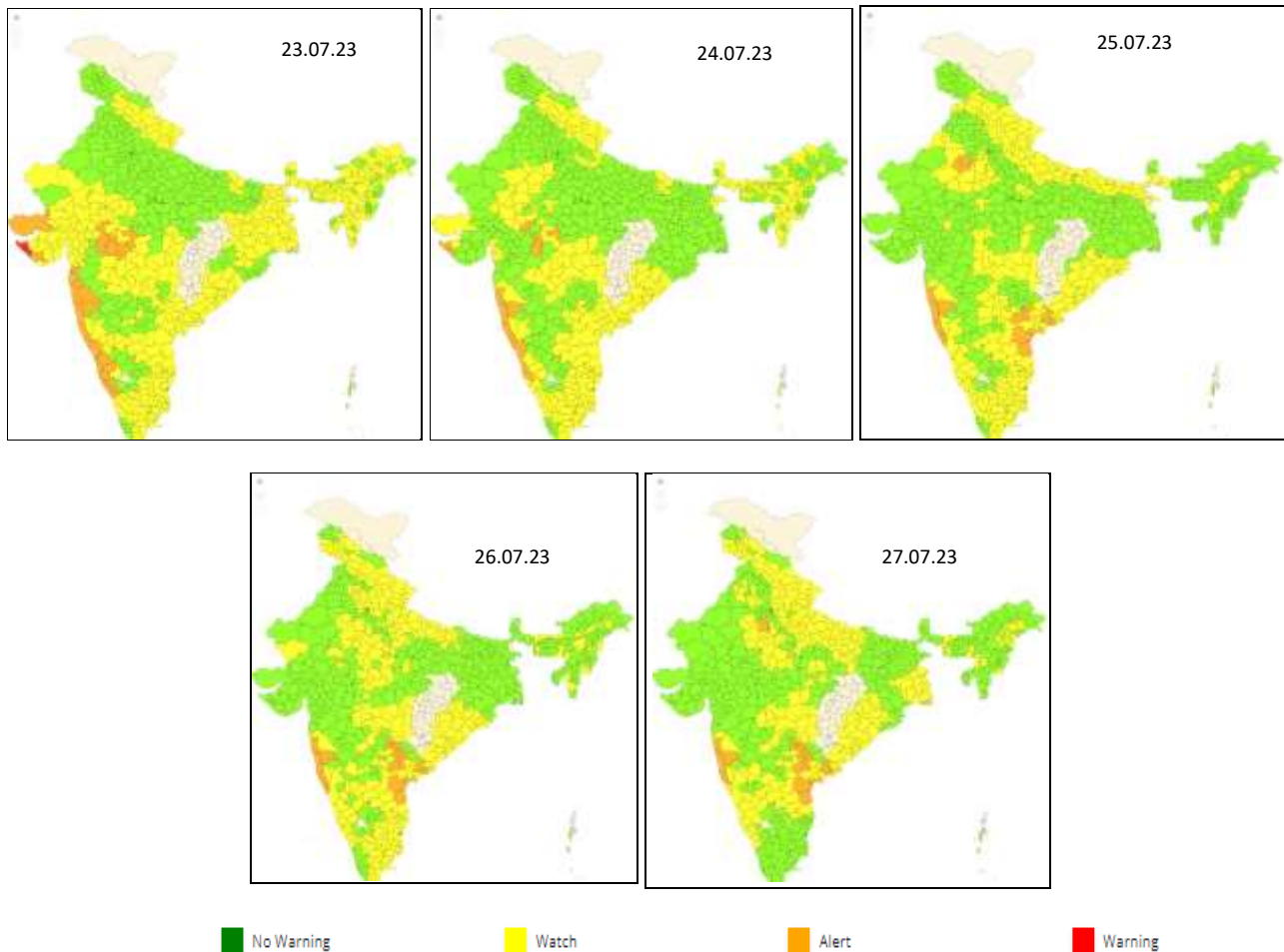
Central Water Commission
Daily Flood Situation Report cum Advisories
23-07-2023

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 23rd July 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

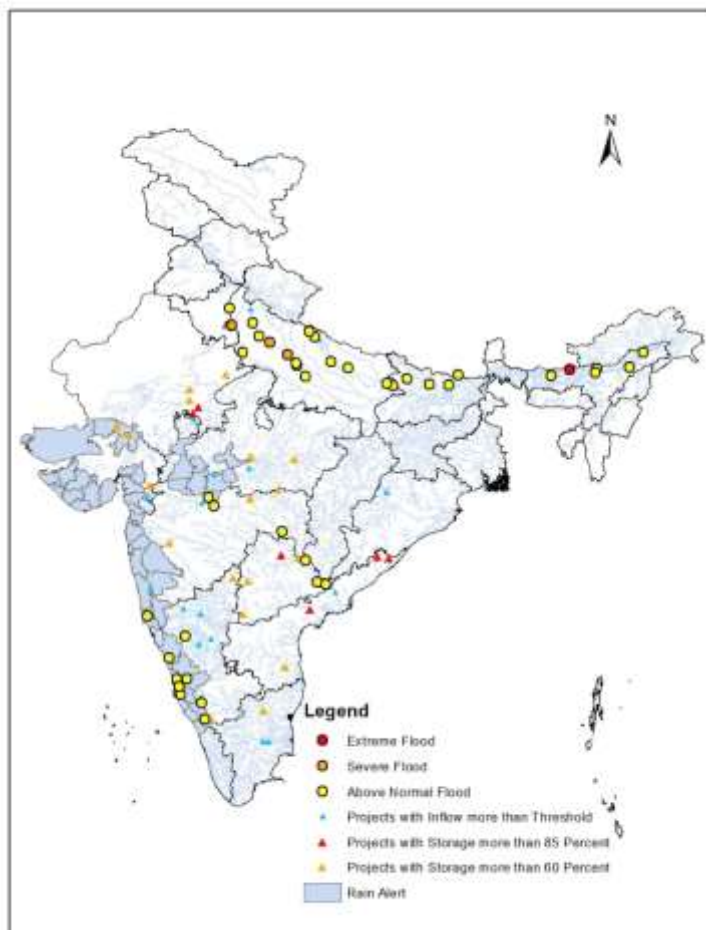
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd July 2023, 4 stations (2 in Uttar Pradesh, 1 each in Delhi & Telangana) are flowing in Severe Flood Situation, 22 stations (9 in Uttar Pradesh, 6 in Assam, 3 in Bihar & 1 each in Andhra Pradesh, Assam, Maharashtra & Telangana) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 28 Dams and Barrages (12 in Karnataka, 3 each in Telangana, Uttar Pradesh & Maharashtra, 2 each in Tamil Nadu & Gujarat, 1 each in Madhya Pradesh, Andhra Pradesh & Odisha).

FLOOD SITUATION SUMMARY			
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)		0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Delhi(1), Telangana(1), Uttar Pradesh(2)	4
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Andhra Pradesh(1), Assam(6), Bihar(3), Kerala(1), Maharashtra(1), Telangana(1), Uttar Pradesh(9)	22
Total number of sites above Warning Level (A+B+C)			26
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)		Andhra Pradesh(1), Gujarat(2), Karnataka(12), Madhya Pradesh(1), Maharashtra(3), Odisha(1), Tamil Nadu(2), Telangana(3), Uttar Pradesh(3)	28

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb23.07.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Maharashtra

Due to intensification of monsoon winds, very heavy to extremely heavy rains are expected in **Palghar, Thane, Mumbai, Raigad, Ratnagiri, Pune, Satara, Kohlapur** districts, hence alert for water level rise may be kept in rivers Vaitarna, Ulhas (Thane dist.), Patalganga, Amba, Kundalika, Mhasala, Savitri (Raigad Dist.), Vashishti, Shastri, Kajvi, Muchkund, Kodavali, Vaghotan (Ratnagiri Dist.), Gad, Devgad, Tilari, Terekhol (Sindhudurg dist.), Upper Bhima, Upper Krishna and other small rivers of upper Krishna (Pune, Satara, Kolhapur dist.). Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Belne Bridge	Gad	Sindhudurg	Above Normal	Falling
Yerli	Purna	Buldana	Above Normal	Falling
Anjanari	Kajvi	Ratnagiri	Above Normal	Rising
Bamni (Ballarsha)	Wardha	Chandrapur	Above Normal	Rising

Storages of Major/Medium dams of Konkan region were found to be high (as given below) hence it is requested to do releases as per Standard Operating Procedure after informing downstream areas.

Gujarat

Due to intensification of monsoon winds, very heavy rains are expected in **Valsad, Surat, Bharuch, Navsari** hence alert for **water level rise is expected in** lower Narmada, Damanganga, Auranga, Par, Mindhola, Kaveri, Ambika and other small rivers of South Gujarat region. Very heavy to extremely heavy rains are expected **Kuchchh, Jamnagar, Porbander, Amreli, Bhavnagar, Dev Bhoomi Dwaraka and GirSomnath** districts. Alert for water level rise may be kept Mitti, Shetrunji, Hiran, Machhundri, Bhadar, Machhu, Vatrui and other small rivers of Saurashtra and Kuchchh region. In North Gujarat region very heavy rains are expected in Banaskantha, Sabarkantha, Ahmedabad, Anand districts hence alert for water level rise may be kept in rivers Banas, Sabarmati and lower Mahi and its tributaries over the region.

Karnataka

IMD has predicted very heavy rainfall in districts **Uttara Kannada, Shimoga, Udupi, Chikmangalur, Dakshin Kannada and Kodagu**. Alert for water level rise may be kept in rivers Varahi, Netravathi, Mandavi, Kali, Bedthi (or Gangavali), Aghnashini, Sharavathi, Upper Krishna and Upper Cauvery rivers.

CWC Site	River	District	Flood Type	Trend in Water Level
Yennehole	Swarna	Udupi	Severe	Falling
Mukkodlu	Harangi	Kodagu	Severe	Rising
Santeguli	Aghanashini	Uttara Kannada	Severe	Rising

Madhya Pradesh

Very heavy rainfall is expected **Ratlam, Dhar, Indore, Barwani, Sehore, Khandwa, Khargone, Harda, Burhanpur**, cts. Alert for water level rise may be kept in rivers Mahi, Chambal, Narmada, Tapi and the tributaries of said rivers over the region. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Burhanpur	Tapi	Rajgarh	Above Normal	Falling

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 rising state and expected to reach 206.7 m by 02:00AM of 24.07.2023.

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

Kerala

Due to intensification of monsoon winds heavy rainfall is expected in districts of north Kerala such as **Kasaragode, Kannur, Wayanad and Kozhikode**, hence alert for water level rise may be kept in Uppla, Valapattanam, Kabini, Chaliyar and other independent rivers of northern Kerala in above said districts. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Muthankera	Kabini	Wayanad	Above Normal	Rising

Telangana

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Sirpur(Town)	Wardha	Kumaram Bheem	Severe	Rising

Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian region. 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
Kachlabridge	Ganga	Budaun	Severe	Steady
Fatehgarh	Ganga	Farrukhabad	Severe	Steady
Pragyaghat	Yamuna	Mathura	Above Normal	Steady
Kannauj	Ganga	Kannauj	Above Normal	Rising
Ankinghat	Ganga	Kanpur	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
Dhubri	Brahmaputra	Dhubri	Above Normal	Falling
NT Road Crossing	JiaBharali	Sonitpur	Above Normal	Falling
Beki Road	Beki	Barpeta	Above Normal	Falling

Andhra Pradesh

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
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Kunavaram	Godavari	Alluri Sitharama	Above Normal	Falling
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Bihar

Current flood situation as per CWC network is given below:

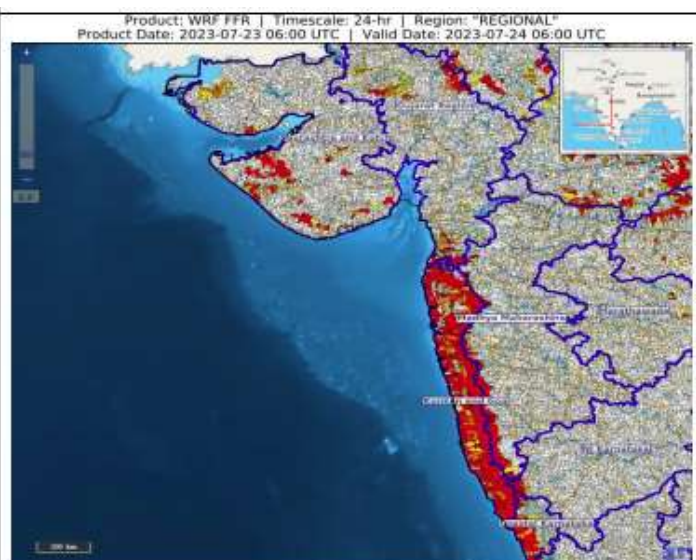
CWC Site	River	District	Flood Type	Trend in Water Level
Basua	Kosi	Supaul	Above Normal	Rising
Dumariaghat	Gandak	Gopalganj	Above Normal	Rising

2.3 Flash Flood Guidance

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

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Coastal Karnataka, Konkan & Goa, 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**inTableform
The flood situational FloodForecastingStationslikelytobeabovewarninglevelfornext5days

S.No.	Station	RivEr	DiStrict	StatE	24-07-2023	25-07-2023	26-07-2023	27-07-2023	28-07-2023
1	FATEHGARH	GANGA	Farrukhabad	Uttar PradESh	S	S	S	S	E
2	KACHHLABRIDGE	GANGA	Budaun	Uttar PradESh	E	E	E	E	E
3	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of DELhi	S	S	S	S	S
4	ETAWAH	YAMUNA	Etawah	Uttar PradESh	N	N	N	AN	S
5	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar PradESh	AN	S	S	S	S
6	MUTHENKERA	KABINI	WyANad	KErala	S	AN	N	N	AN
7	ARARIA	PARMAN	ARARIA	Bihar	N	AN	S	S	AN
8	BAMNI (BALLARSHA)	WARDHA	ChANdrapur	MaharaShtra	AN	N	N	N	N
9	BHADRACHALAM	GODAVARI	BHADRADRI	TEIANGANa	AN	N	N	N	N
10	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	ANdhra PradESh	AN	AN	AN	AN	AN
11	SIRPUR (TOWN)	WARDHA	KUMURAM BHEEM	TEIANGANa	AN	AN	N	N	N
12	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	ANdhra PradESh	AN	AN	AN	N	N
13	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar PradESh	AN	AN	AN	AN	AN
14	AYODHYA	GHAGRA	AYODHYA	Uttar PradESh	AN	AN	AN	AN	AN
15	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	AN	AN	AN
16	DABRI	RAMGANGA	ShahjahANpur	Uttar PradESh	N	N	N	AN	AN
17	DARAULI	GHAGRA	SiwAN	Bihar	AN	AN	AN	AN	AN

18	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	N	AN	AN	AN	AN
19	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
20	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	AN	AN
21	JHAWA	MAHANANDA	Katihar	Bihar	N	AN	AN	AN	AN
22	KANNAUJ	GANGA	KANnauj	Uttar Pradesh	AN	AN	AN	AN	AN
23	KANPUR	GANGA	KANpur Nagar	Uttar Pradesh	AN	AN	AN	AN	AN
24	MAWI	YAMUNA	SHAMLI	Uttar Pradesh	AN	AN	N	N	N
25	TURTIPAR	GHAGRA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
26	DUMARIAGHAT	GANDAK	GopalgANj	Bihar	AN	AN	N	N	N
27	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	AN	AN	N
28	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	N	N	AN	AN	AN
29	BADATIGHAT	SUBANSIRI	LAKHIMPUR	ASSam	AN	AN	AN	AN	AN
30	BEKI ROAD BRIDGE	BEKI	BARPETA	ASSam	AN	AN	AN	AN	N
31	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	ASSam	AN	AN	AN	N	N
32	DHARAMTUL	KOPILI	MARIGAON	ASSam	N	AN	AN	AN	AN
33	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	ASSam	AN	AN	AN	AN	AN
34	GOALPARA	BRAHMAPUTRA	GOALPARA	ASSam	N	N	N	N	AN
35	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	ASSam	AN	AN	AN	AN	AN
36	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	ASSam	AN	AN	AN	AN	AN
37	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	ASSam	AN	AN	AN	AN	AN

38	TEZPUR	BRAHMAPUTRA	SONITPUR	ASSam	AN	AN	AN	AN	AN
39	DHUBRI	BRAHMAPUTRA	DHUBRI	ASSam	AN	AN	AN	AN	AN
40	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	ASSam	N	AN	AN	AN	AN
41	MANDLA	NARMADA	MANDLA	Madhya PradESh	N	N	N	N	AN
42	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	WESt BEngal	N	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 23rd 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	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin	Tel	JaishankarBhupalpally/Peddapalli/Mulugu					
5	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/Jogalamba Gadwal(Telangana)					
6	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
7	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulum					
8	Prakasam Barrage	Krishna/Krishna	AP	Krishna /Guntur					
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)					
16	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
17	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
18	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
19	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
20	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
21	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
22	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
23	Som Kamla Amba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					

24	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli/Sawaimadhopur/Bharatpur					
25	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
26	Pench Reservoir	Pench/ Godavari	MP	Chhindwara/ Seoni					
27	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
28	Sanjay Sarovar Project	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					

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

