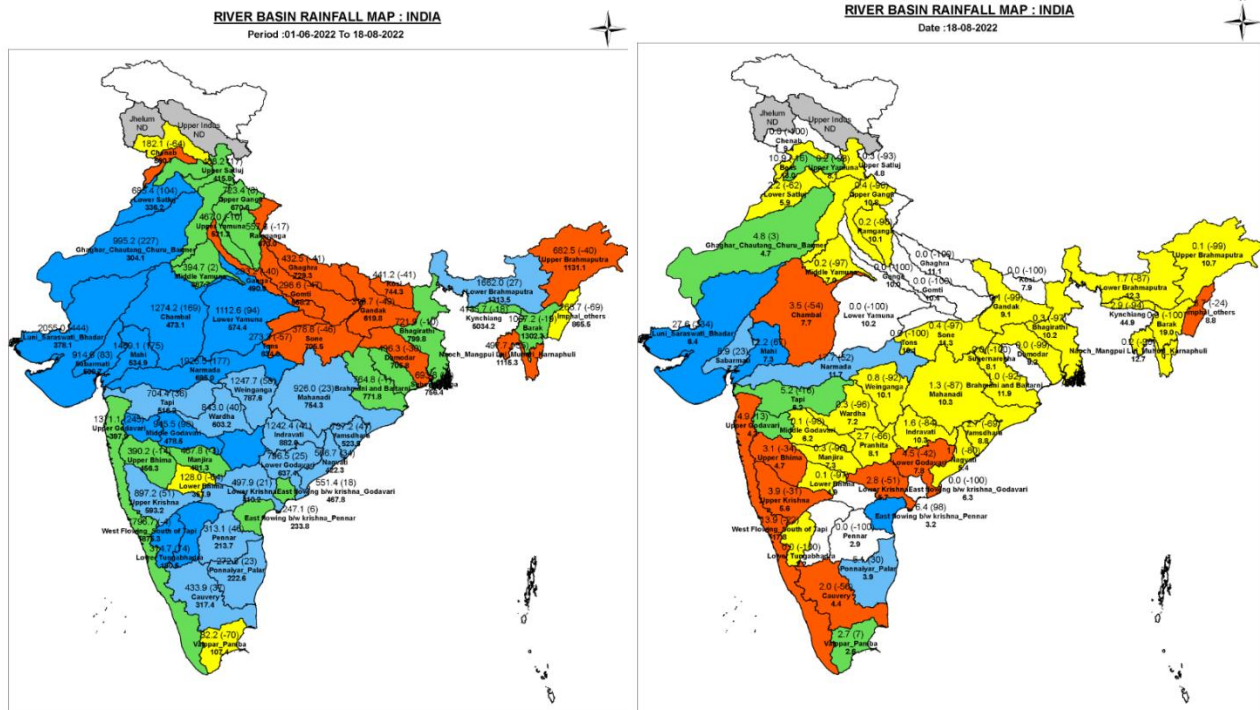




Central Water Commission
Daily Flood Situation Report cum Advisories
18-08-2022

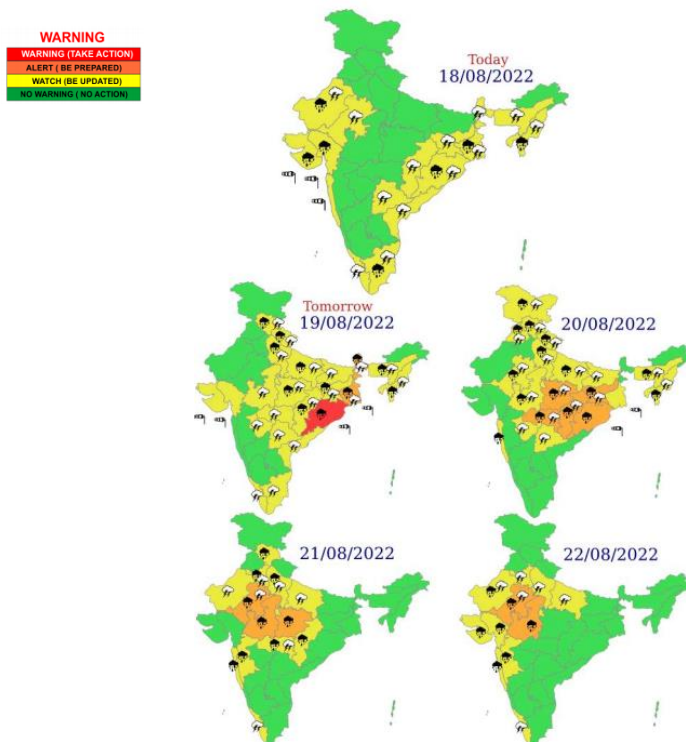
1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall



Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 18th August 2022 (Midday) by IMD



- i) Isolated very heavy rainfall over West Bengal & Sikkim on 19th; Vidarbha, Jharkhand & Odisha on 20th; East Madhya Pradesh on 21st; East Rajasthan on 21st & 22nd and over West Madhya Pradesh on 22nd August, 2022.
- ii) Isolated extremely heavy rainfall over north Odisha on 19th; north Chhattisgarh & East Madhya Pradesh on 20th and over West Madhya Pradesh on 21st August, 2022.

2.0 Flood Situation and Advisories

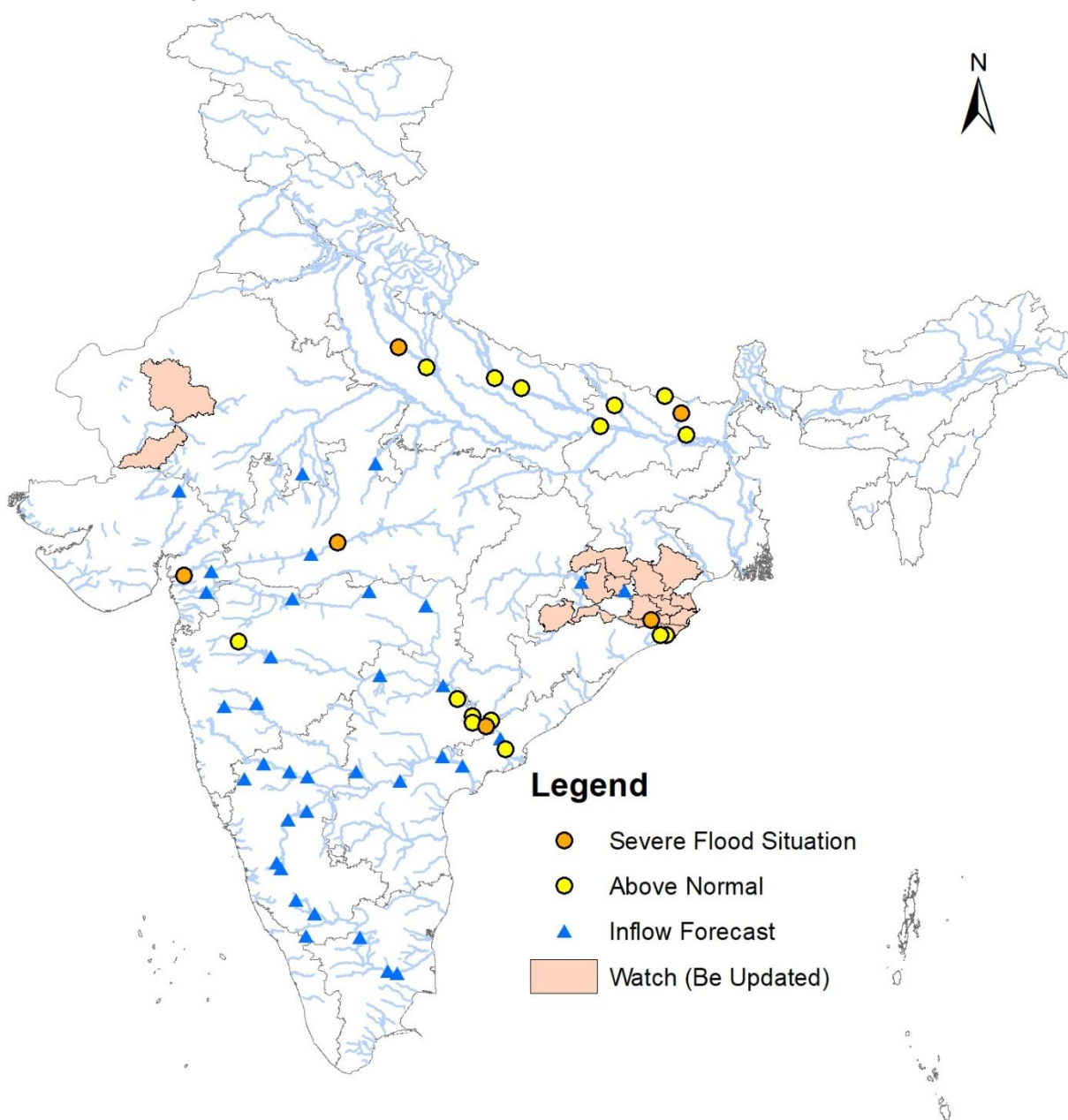
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 18th August 2022, 06 stations (1 each in Odisha, Andhra Pradesh, Bihar, Gujarat, Rajasthan & Uttar Pradesh and 1 each in Uttar Pradesh, Bihar, Chhattisgarh, Gujarat, Rajasthan, Telangana & Andhra Pradesh) are flowing in Severe Flood Situation, 15 stations (4 in Uttar Pradesh, 3 each in Bihar & Telangana, 2 each in Andhra Pradesh & Odisha and 1 in Maharashtra) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 40 Barrage & Dams (11 in Karnataka, 6 in Maharashtra, 5 in Andhra Pradesh, 4 in Telangana, 3 each Tamilnadu & Gujarat, 2 each in Madhya Pradesh & Odisha and 1 in Rajasthan).

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	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))	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	15
Total number of sites above Warning Level (A+B+C)		21
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		40

Details are given at link: http://cwc.gov.in/sites/default/files/cfcrwcdfb18-08-2022_3.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Odisha

Odisha going to witness another rainfall scenario from 19.08.2022 due to advent of a fresh pressure system into the region. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. Rainfall will be witnessed more in North rivers of Odisha such as Burhabalang, Subarnarekha, Brahmani, Baitarni & Mahanadi. Hence alert for water level rise may be kept in rivers, Mahanadi (**Jagatsinghapur, Cuttack, Bargarh, Sambalpur, Angul, Sonepur, Boudh, Bolangir, Jharsuguda, Sundargarh dists.**), Brahmani & Baitarni (**Balsore, Mayurbhanj, Bhadrak, Keonjhar, Sundargarh, Sambalpur, Deograh, Angul, Jajpur, Kendrapara, Dhenkanal dists.**), Burhabalanga (**Myurbhanj, Balosore dists.**), Subarnarekha (**Balosore, Mayurbhanj dist.**) and their tributaries in above said districts.

Madhya Pradesh

Madhya Pradesh going to witness another rainfall scenario from 20.08.2022 due to advent of a fresh pressure system into the region. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. On 20th August more rainfall will be witnessed in rivers Ken, Tons, Sone, Upper Narmada and Wainganga basin. Alert for water level rise may be kept river Narmada in **Narasinghapur, Jabalpur, Chinndwara, Seoni and Mandla dists.**, river Wainganga in **Balaghat, Seoni and Chinndwara dists.**, river Ken in **Panna dist.**, river Tons in **Satna, Rewa dists.**, river Sone in **Sidhi and Singrauli districts.** The flood situation as per CWC network is as given below:

Maharashtra

From 20.08.2022 due to advent of a fresh pressure system into the region, Wainganga basin is expected to receive very heavy rains. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. Alert for water level rise may be kept river Wainganga and its tributaries in districts **Bhandara, Gadchiroli, Nagpur and Gondia districts.**

Chhattisgarh

From 20.08.2022 due to advent of a fresh pressure system into the region, Mahanadi basin is expected to receive very heavy rains. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. Hence alert for water level rise may be kept river Mahanadi and its tributaries in districts **Bilaspur, Rajgarh, Mungeli, Korba and Janjgir districts.**

Jharkhand

From 20.08.2022 due to advent of a pressure system southern districts of Jharkhand is expected to receive very heavy rains. Alert for water level rise may be kept in rivers Sankh, Kharkar and Subarnarekhs and its tributaries in districts **Simdega, Paschim Singhbhum and Saraikela districts.**

Telangana

Due to water contribution from rivers Wardha and Wainganaga, the Godavari river in the state is still in severe to above normal flood situation specially in lower regions of Godavari in the state. The flood situation as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Mulugu	Perur	Godavari	Severe	Falling
Bhadradi	Bhadrachalam	Godavari	Above Normal	Falling
Mulugu	Etrunagaram	Godavari	Above Normal	Falling
Bhadradi	Dummagudem	Godavari	Above Normal	Falling

Andhra Pradesh

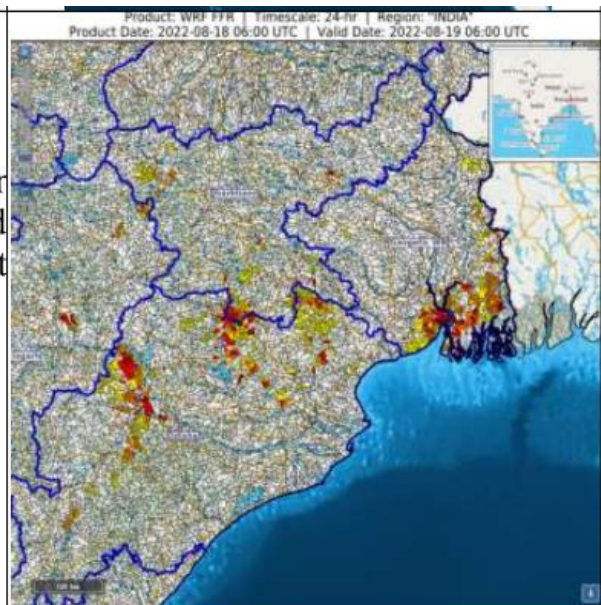
Godavari river is flowing in Severe to above normal flood situation in **Alluri Sitarama Raju and East Godavari** districts.

2.3. Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19.08.2022:

Moderate Flash Flood Risk likely over southern Gangetic West Bengal and north Odisha Met Sub-division in next 24 hours.

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



3.0 Advisory Flood Forecast for next 5-days

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

S.No.	Station	River	District	State	19-08-2022	20-08-2022	21-08-2022	22-08-2022	23-08-2022
1	NARAJ	MAHANADI	Cuttack	Odisha	S	S	S	S	S
2	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	AN	S	S	AN	AN
3	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	S	S	S
4	BALLIA	GANGA	Ballia	Uttar Pradesh	AN	AN	S	S	AN
5	BANDA	KEN	Banda	Uttar Pradesh	N	N	N	S	S
6	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
7	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
8	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	S	S	S	AN	S
9	AKHUAPADA	BAITRANI	Jajapur	Odisha	N	S	S	S	S
10	BHARUCH	NARMADA	Bharuch	Gujarat	S	N	N	N	N
11	GUNUPUR	VAMSADHARA	Rayagada	Odisha	N	S	S	AN	AN
12	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	AN	S	S	S	S
13	SRIKAKULAM	NAGAVALLI	Srikakulam	Andhra Pradesh	N	N	S	S	AN
14	ALIPINGAL	DEVI	Jagatsinghapur	Odisha	AN	AN	AN	AN	AN
15	NIMAPARA	KUSHABHADRA	Puri	Odisha	AN	AN	AN	AN	AN
16	BHADRACHALAM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	AN	AN	AN	AN	AN
17	ETURUNAGARAM	GODAVARI	MULUGU	TELANGANA	AN	AN	AN	AN	AN
18	KOPERGAON	GODAVARI	AHMEDNAGAR	MAHARASHTRA	AN	N	N	N	N
19	PAUNI	WAINGANGA	BHANDARA	MAHARASHTRA	AN	AN	N	N	N
20	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	N	N	N	N
21	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
22	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
23	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	AN	AN	AN
24	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	AN	N	N	AN	AN
25	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	AN	AN	AN
26	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
27	JHANJHARPUR	KAMLA	Madhubani	Bihar	N	N	AN	AN	AN
28	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	AN
29	KURSELA	KOSI	Katihar	Bihar	N	N	N	AN	AN
30	MANER	SONE	Bhojpur	Bihar	N	N	N	AN	AN
31	PATNAGANDHIGHAT	GANGA	Patna	Bihar	N	N	AN	AN	AN
32	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
33	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN

34	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
35	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	N	N	AN	AN	AN
36	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	N	AN	AN	AN	N
37	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	N	AN	AN
38	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	N	N	N	AN
39	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	N	AN	N	AN
40	ARARIA	PARMAN	Araria	Bihar	N	N	AN	AN	AN
41	PATNAGANDHIGHAT	GANGA	Patna	Bihar	N	AN	AN	AN	AN
42	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	AN	AN
43	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	N	N	AN
44	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
45	TAIBPUR	MAHANANDA	Darbhanga	Bihar	AN	AN	AN	AN	AN
46	BADATIGHAT	SUBANSARI	Lakhimpur	Assam	AN	AN	AN	AN	AN
47	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	AN	AN	AN	AN
48	DHARAMTUL	KOPLI	Marigaon	Assam	N	N	N	AN	AN
49	DIBRUGARH	BHRAMPUTRA	Dhemaji	Assam	N	N	AN	AN	AN
50	MANAS_NH_CROSSING	MANAS	Bongaigaon	Assam	AN	N	N	N	N
51	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	N	AN	AN	AN	AN
52	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
53	TEZPUR	BHRAMPUTRA	Sonitpur	Assam	AN	AN	AN	AN	AN
54	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	AN	AN	AN	AN	AN
55	KOKRAJHAR	GAURANG	Kokrajhar	Assam	AN	AN	AN	N	N
56	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	N	N	AN	AN	AN
57	BADARPGHAT	BARAK	Karimganj	Assam	N	N	AN	AN	AN
58	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	N	N	N	AN	AN
59	DOMOHANI	TEESTA	Jalpaiguri	West Bengal	AN	AN	AN	AN	AN
60	MEKHLIGANJ	TEESTA	Coochbehar	West Bengal	AN	AN	AN	AN	N
61	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN
62	TUFANGANJ	RAIDAK-I	Coochbehar	West Bengal	AN	AN	N	N	N
63	GHUGUMARI	TORSA	Coochbehar	West Bengal	N	N	AN	N	N

Abbreviation: N: Normal Flood Situation, AN: 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 18thAugust2022

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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#	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Pulichinthala	Krishna/Lower Krishna/ Krishna	AP	Nalgonda(Tel)/Guntoor,Krishna (AP)					
2	Srisaillam	Krishna/Lower Krishna/Krishna	AP	JogulambaGadwal(Telangana), Kurnool(AP)/ Nalgonda(Telangana), Guntoor (AP)					
3	Somasila	Pennar/Lower Pennar/Pennar	AP	Kadapa(AP)/Nellore(AP)					
4	Madduvalasa	Nagavalli/Nagavalli/EFR Mahanadi & Godavari	AP	Vizianagaram(AP)/Srikakulam(AP)					
5	Musi	Musi/Lower Krishna/ Krishna	Tel	Nalgonda					
6	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
7	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
8	Singur	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
9	Nizamsagar	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
10	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
11	Ukai	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
12	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
13	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
14	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
15	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
16	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
17	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
18	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
19	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
20	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
21	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
22	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
23	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
24	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
25	Koyna	Koyna/Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
26	Warana	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
27	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
28	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
29	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
30	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
31	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
32	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
33	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
34	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
35	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
36	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					
37	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
38	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
39	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					

40	Sathanur Dam	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
41	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
42	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
43	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
44	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
45	Mahi Bajajsagar Dam	Mahi/ Mahi Basin	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
46	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
47	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
48	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
49	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
50	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
51	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
52	Sardar Sarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Narmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
53	Kadana Dam	Mahi/Middle Mahi/Mahi Basin	Guj	Banswara (Raj)/Mahisagar,Panchmahals(Guj)					
54	Dharoi Dam	Sabarmati /Middle Sabarmati/Sabarmati Basin	Guj	Sabarkantha/Mehsana (Guj)					

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.