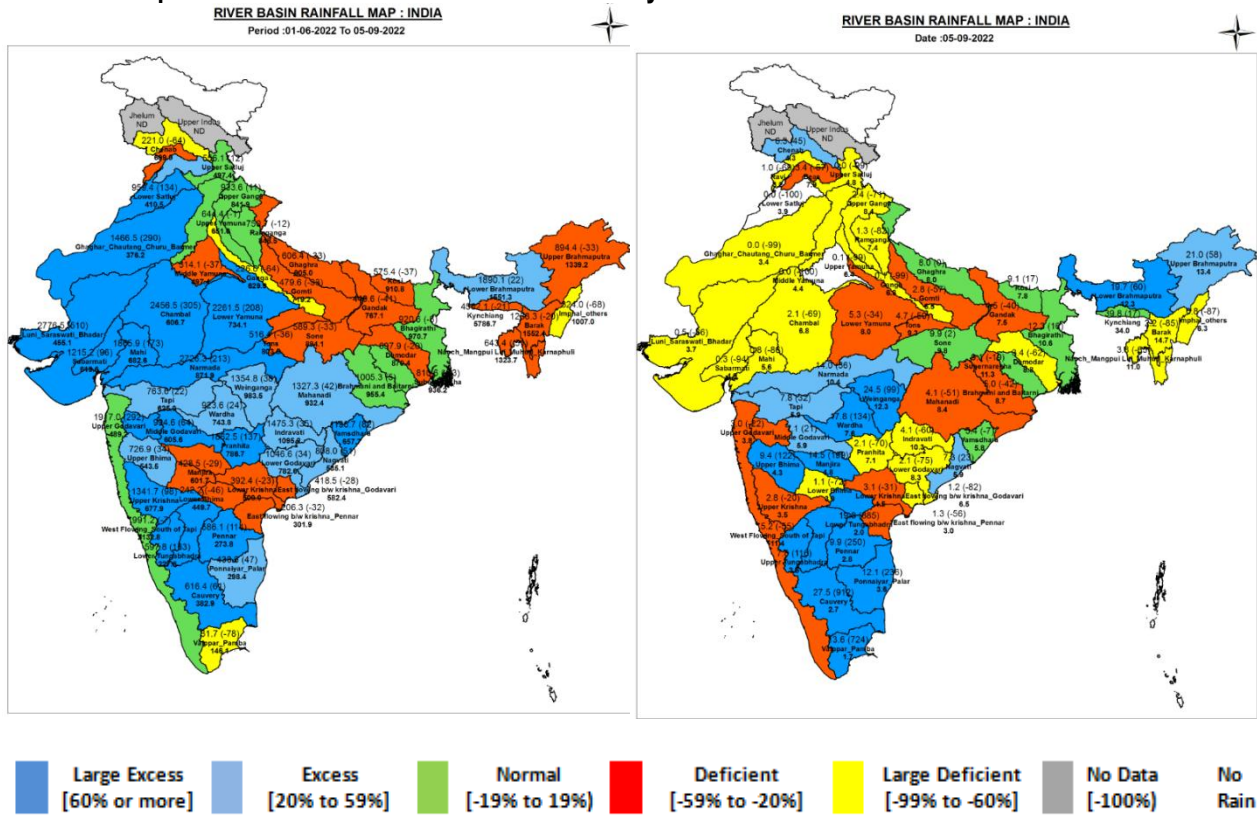




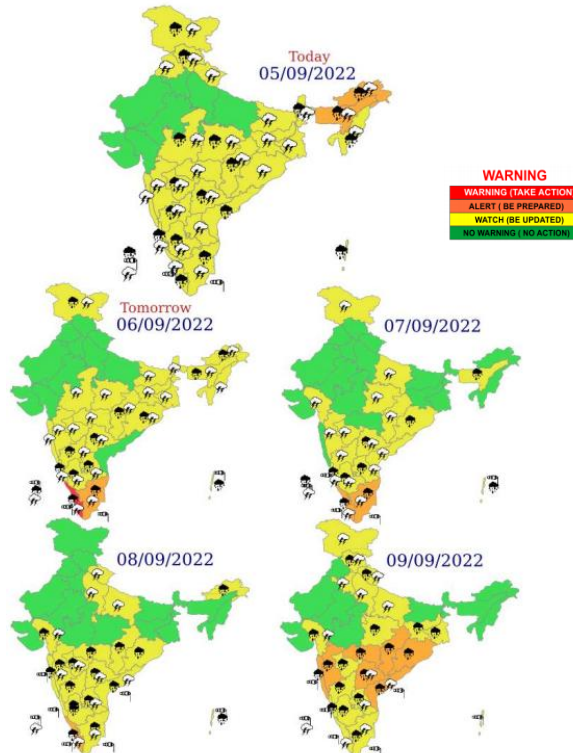
Central Water Commission
Daily Flood Situation Report cum Advisories
05-09-2022

1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 05th September 2022 (Midday) by IMD



- i) Isolated very heavy rainfall over Kerala & Mahe on 06th & 07th September, 2022.
- ii) Isolated very heavy rainfall over Lakshadweep, Assam & Meghalaya and Arunachal Pradesh on 05th; Tamil Nadu Puducherry & Karaikal on 06th & 07th; Kerala & Mahe during 06th-08th; South Interior Karnataka on 07th & 08th; Coastal Karnataka on 08th; Konkan & Goa, Madhya Maharashtra, Odisha, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Telangana on 09th September, 2022.

2.0 Flood Situation and Advisories

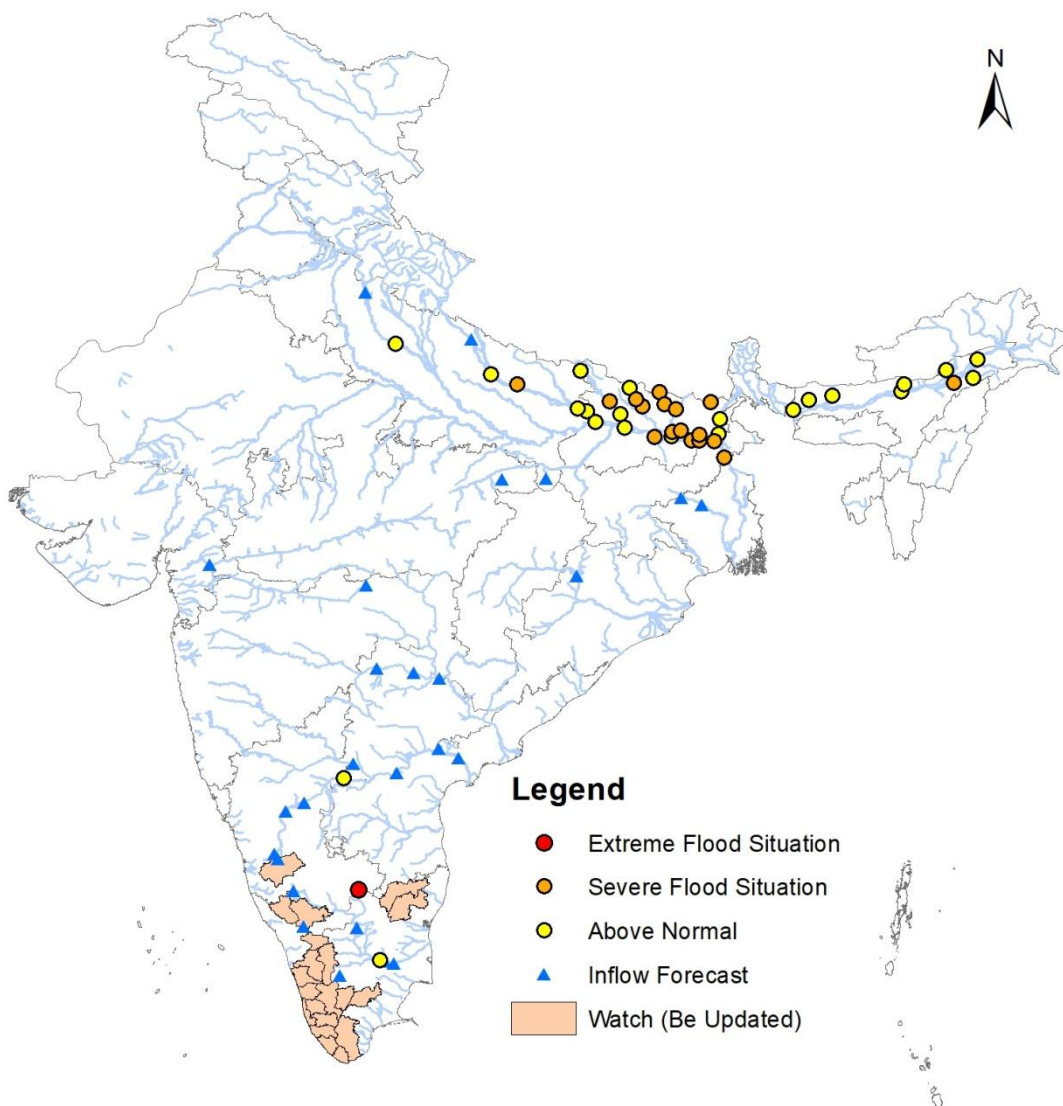
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 05th September 2022, 17 stations (13 in Bihar, 1 each in Uttar Pradesh, Assam, Jharkhand & West Bengal) are flowing in Severe Flood Situation, 22 stations (8 in Assam, 7 in Bihar, 5 in Uttar Pradesh, 1 each in Andhra Pradesh & Tamil Nadu) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 29 Barrages & Dams (7 in Karnataka, 5 in Telangana, 4 each in Tamil Nadu & Andhra Pradesh, 3 in Uttar Pradesh and 1 each in Gujarat, Jharkhand, Madhya Pradesh, Maharashtra, Odisha & West Bengal).

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))	17
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	22
Total number of sites above Warning Level (A+B+C)		39
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)		29

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb05-09-2022_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Kerala

As per IMD due to likelihood of formation of low pressure area in west central bay of Bengal and subsequent strengthening of south westerlies, Kerala is expected to receive extremely heavy rains to very heavy rains from 06.09.2022 to next 3 to 4 days. Alert for water level rise may be kept mainly in river basins Vamanapuram, Mamom, Karamana and Neyyar in **Tirunvananthapuram** district, Pallickal, Ithikkara, Kallada in **Kollam** district, Meenachil, Thodupuzha, Pamba, manimala, Achankovil in **Pathanamthitta, Alappuzha and Kottayam** districts. Alert for water level rise also may be kept in rivers Periyar, Chalakudy, Cauvery (**Ernakulam, Idukki** dists.), Karuvannur, Keecheri, Periyar, Cauvery, Bharathapuzha (**Thrissur, Palakkad** dists.), Chaliyar, Kadalundi (**Malappuram** dist.), Kuttiyadi, Valapattanam, Kabini and other small basins in **Wayanad, Kozhikode, Kannur and Kasaragode** districts. Storage position of major dams in the state is as given below. Since most of the major, medium dams are having high storages, it is requested to operate projects as per SOP and releases may be done after informing lower riparian areas. Increased inflow is expected into Idukki, Idamalayar dams.

Project	District	Storage
Idukki	Idukki	80.18
Idamayalay	Ernakulam	87.07
Kakki	Pathanamthitta	81.12
Banasura sagar	Wayanad	90.62
Sholayar	Thrissur	99.62
Mattupetty	Idukki	90.18
Anayirakal	Idukki	102.91
Ponmudi	Idukki	94.61
Kuttiyadi	Kozhikode	74.88
Poringalkuthu	Thrissur	73.04
Kundala	Idukki	91.57
Kallarkutty	Idukki	98.13
Lower Periyar	Idukki	100
Moozhiyar	Pathanamthitta	82.76

Tamil Nadu

Alert may be kept for water level rise in Cauvery and its tributaries, Pandipuzha, Parambikulam Aliyar in **Nilgris, Coimbatore** districts, Kodaiyar, Nambiyar, Thamaraparani in **Tenkasi, Thirunelveli, Kanyakumari** districts, Palar and Ponnaiyar basins in **Vellore, Tiruppattar, Thiruvannamalai and Kallakurichi** districts. Currently Ponnaiyar river at CWC site Singasadanapalli in Krishnagiri district is flowing in extreme flood situation with falling trend. Storage position of major dams is as given below. It is requested to operate projects as per SOP and releases may be done after informing lower riparian areas.

Projects	Storage
Mettur	100.0
Krishna Raja Sagar	99.3
Vaigai	95.7
Pechiparai	89.3
Perunchani	81.0
Krishnagiri	86.3
Sathanur	93.2
Sholayar	101.4
Parambikulam	97.7
Aliyar	96.1
Thirumurthy	77.6

Karnataka

Alert for water level rise may be kept in river Cauvery and its tributaries in **Chikmangalur, Kodagu and Mysore** districts. Due to previous rain occurrences the flood situation in the state as per CWC data are as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Chitradurga	Hoovinahole	Swarnamukhi (Krishna)	Severe	Rising
Chamarajanagar	Bendrahalli	Suvarnavathi (Cauvery)	Severe	Rising

Storage position of major dams is as given below. It is requested to operate projects as per SOP and releases may be done after informing lower riparian areas.

Project	District	Storage
Lingamanakki	Shimoga	91
Harangi	Kodagu	90
Hemavathi	Hassan	100
Krishna Raja Sagar	Mandya	100
Kabini	Mysore	98
Bhadra	Chickmangalur	99
Tungabhadra	Vijayapura	98
Ghataprabha	Belgavi	100
Malaprabha	Belgavi	100
Almatti	Vijayapura	100
Narayanapura	Yadgir	97

Bihar

Due to propagation of flood wave mainly from Yamuna and southern tributaries of Ganga, Ganga main stem is in severe flood situation. Flood situation is expected to recede slowly in main Ganga stem in 3-4 days if no runoff further reaches from northern and southern tributaries. Northern tributaries of Ganga in the state such as Kosi, Bagmati, Kamalabalan and Gandak are also in severe flood situations. The details flood situation existing as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Patna	Hathidah	Ganga	Severe	Falling
Bhagalpur	Bhagalpur	Ganga	Severe	Falling
Bhagalpur	Kahalgaoon	Ganga	Severe	Falling
Supaul	Birpur	Kosi	Severe	Steady
Supaul	Basua	Kosi	Severe	Rising
Khagaria	Baltara	Kosi	Severe	Falling
Kathihar	Kursela	Kosi	Severe	Steady
Gopalganj	Dumariaghat	Gandak	Severe	Steady
Muzaffarpur	Benibad	Bagmati	Severe	Steady
Muzaffarpur	Runisaidpur	Bagmati	Severe	Falling
Madhubani	Jhanjharpur	Kamalabalan	Severe	Steady
Araria	Araria	Parman	Severe	Rising

Jharkhand

Due to propagation of flood wave mainly from Yamuna and southern tributaries of Ganga, Ganga main stem is in severe flood situation. The details flood situation existing as per CWC network is as given below:

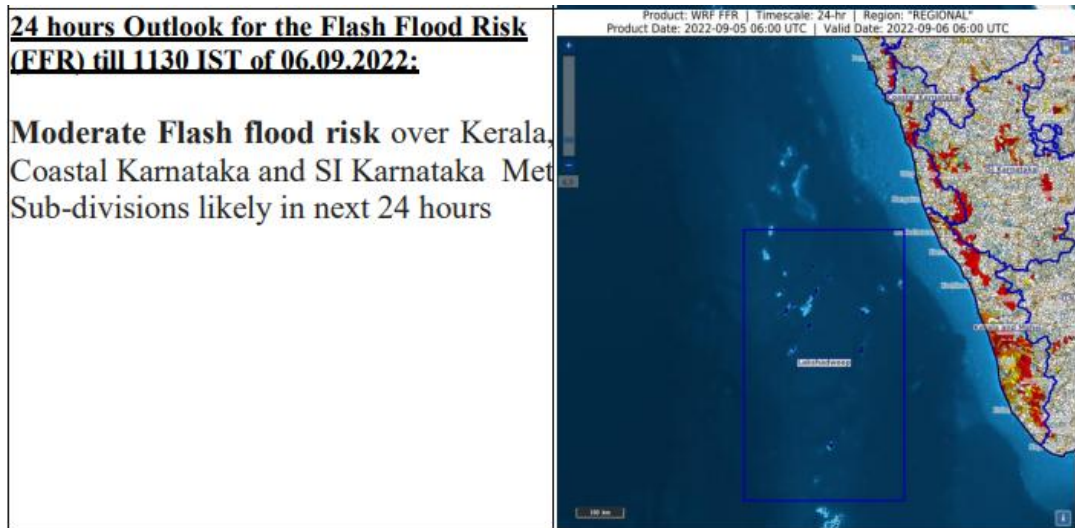
District	CWC Site	River	Flood Situation	Water level Trend
Sahibganj	Sahibganj	Ganga	Severe	Falling
Sahibganj	Rajmahal	Ganga	Severe	Steady

West Bengal

Keep alert for water level rise in river Torsa and their tributaries **Alipurdaur** district. Due to draining out of runoff of river Yamuna, southern and northern tributaries of Ganga, Lower Ganga basin in **Murshirabad** is in severe flood situation with steady conditions. The flood situation in the state as per CWC data is as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Murshirabad	Farakka	Ganga	Severe	Steady
Murshirabad	Biswanathpur	Padma (Ganga basin)	Above Normal	Steady

2.3 Flash Flood Bulletin



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	06-09-2022	07-09-2022	08-09-2022	09-09-2022	10-09-2022
1	KODUMUDI	CAUVERY	Erode	Tamil Nadu	S	S	S	S	S
2	SAVANDAPUR	BHAVANI	Erode	Tamil Nadu	N	N	N	S	S
3	NELLORE	PENNAR	Sri Potti Sriramulu Nellore	Andhra Pradesh	AN	AN	S	S	S
4	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	N	N	N	N	S
5	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	S	S	S	S	S
6	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
7	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
8	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
9	BHAGALPUR	GANGA	Bhagalpur	Bihar	S	AN	AN	AN	AN
10	DARAU LI	GHAGRA	Siwan	Bihar	AN	AN	AN	S	S
11	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	S	AN	AN	AN	AN
12	HATHIDAH	GANGA	Patna	Bihar	S	S	S	AN	AN
13	JHANJHARPUR	KAMLA	Madhubani	Bihar	S	S	S	S	S
14	KAHALGAON	GANGA	Bhagalpur	Bihar	S	S	S	S	AN
15	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	S	S	S	S	S
16	KURSELA	KOSI	Katihar	Bihar	S	S	S	S	S
17	SAHIBGANJ	GANGA	Sahibganj	Jharkhand	S	S	S	S	S
18	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	S	S	S	S	S
19	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	S	S	S	AN	AN
20	JAINAGAR	KAMLA	Madhubani	Bihar	S	S	S	S	S
21	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S
22	FARAKKA_BG	GANGA	Murshidabad	West Bengal	S	S	S	S	S
23	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	S	S	S	S	S
24	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	S	S	S	S	S
25	AKHUAPADA	BAITRANI	BHADRAK	Odisha	S	S	S	S	S
26	MATHANIRB	JALKA	Baleshwar	Odisha	N	N	N	S	S
27	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	N	N	AN	AN	AN
28	BALLIA	GANGA	Ballia	Uttar Pradesh	AN	AN	N	N	N
29	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	AN	AN	AN
30	GANGPUR_SISWAN	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
31	JHAWA	MAHANANDA	Katihar	Bihar	AN	AN	AN	AN	N

32	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	AN	AN	AN	AN	AN
33	KAMTAUL	ADHWARA	Darbhanga	Bihar	AN	AN	AN	N	N
34	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	AN
35	MANER	SONE	Patna	Bihar	N	N	AN	AN	AN
36	MUNGER	GANGA	Munger	Bihar	AN	AN	AN	N	N
37	PATNAGANDHIGHAT	GANGA	Patna	Bihar	AN	AN	AN	AN	AN
38	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	AN	AN	AN	N	N
39	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	AN
40	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	N	N	N
41	DIBRUGARH	BHRAMPUTRA	Dibrugarh	Assam	AN	AN	AN	AN	AN
42	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	AN	AN	AN	AN	AN
43	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	AN	AN	AN	AN	N
44	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	AN	AN	AN
45	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	AN	AN	N	N
46	TEZPUR	BHRAMPUTRA	Sonitpur	Assam	AN	AN	AN	AN	AN
47	KOKRAJHAR	GAURANG	Kokrajhar	Assam	AN	AN	N	N	N
48	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	AN	AN	AN	N	AN
49	KASHINAGAR	VAMSADHARA	GAJAPATI	Odisha	N	N	N	N	AN
50	MANTRALAYAM	TUNGABHADRA	Kurnool	Andhra Pradesh	AN	AN	AN	AN	AN
51	ARARIA	PARMAN	Araria	Bihar	AN	AN	AN	AN	N
52	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	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 05thSeptember 2022

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	Srisailem	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	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancherial					
9	Singur	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
10	Nizamsagar	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
11	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
12	Ukai	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
13	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
14	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
15	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
16	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
17	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
18	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
19	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
20	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
21	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
22	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
23	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
24	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
25	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
26	Koyna	Koyna/Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
27	Warana	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
28	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
29	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
30	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
31	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
32	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
33	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
34	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
35	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
36	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
37	Rengali	Brahmani River/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Deogarh/Angul, Dhenkanal					
38	Upper Indravathi	Indravati/Indravati/Godavari	Odisha	Kalahandi,Nabarangpur, Koraput/Norangpur(Odisha), Bastra(Chsgrh)					
39	Hirakud Dam	Mahanadi River/Upper Mahanadi/Mahanadi	Odisha	JanjgirChampa, Raigarh(Chsgrh), Jharsuguda, Bargarh, Sambalpur(Odisha)/Subarnapur, Baudh, Anugul (Odisha)					
40	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chhattis	Gurguja/Korea, Korba					
41	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					

42	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
43	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
44	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					
45	Sathanur Dam	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
46	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
47	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
48	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
49	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
50	MahiBajajsagar	Mahi/Upper Mahi/Mahi Basin	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
51	Gambhiri	Gambhiri/Upper Chambal/Ganga	Raj	Chittorgarh					
52	Bisalpur	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
53	Panchana	Gambhiri/Upper Chambal/Ganga	Raj	Karauli					
54	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
55	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
56	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
57	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
58	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
59	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
60	Bargi	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
61	Bansagar	Sone/Sone/Ganga	MP	Katni, Umaria, Shahdol, Satna/ Rewa, Sidhi					
62	SardarSarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Narmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
63	Kadana	Mahi/Middle Mahi/Mahi Basin	Guj	Banswara (Raj)/Mahisagar,Panchmahals(Guj)					
64	Dharoi	Sabarmati /Middle Sabarmati/Sabarmati Basin	Guj	Sabarkantha/Mehsana (Guj)					
65	Dantiwada	Banas/Banas A/West Flowing Rivers of Kutch and Saurashtra including Luni	Guj	Sirohi (Raj), Banaskanta(Guj)/Patan(Guj)					
66	Madhuban	Damanganga/Damanganga/West Flowing Rivers from Tapi to Tadri	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
67	Tenughat	Damodar/LowerGanga/Ganga	Jharkhand	Ramgarh(Jhar)/BokaroJhar					

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.