



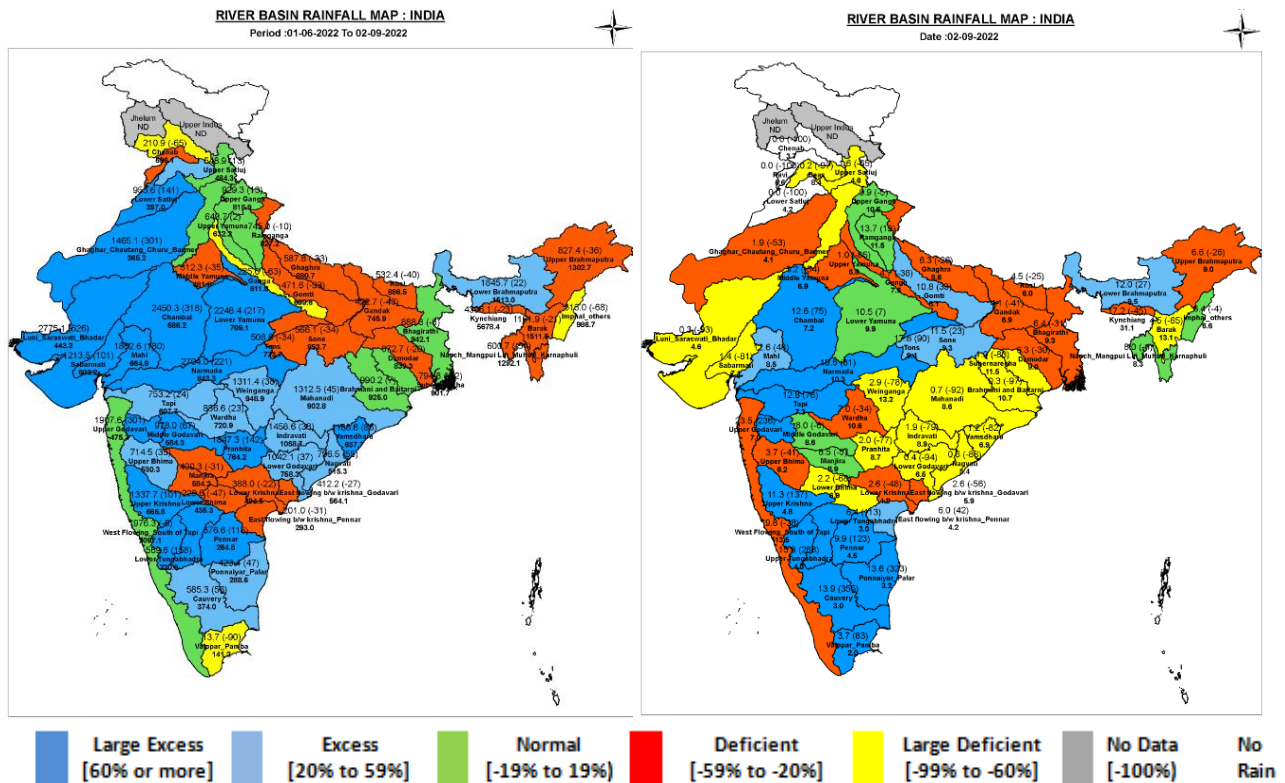
Central Water Commission

Daily Flood Situation Report cum Advisories

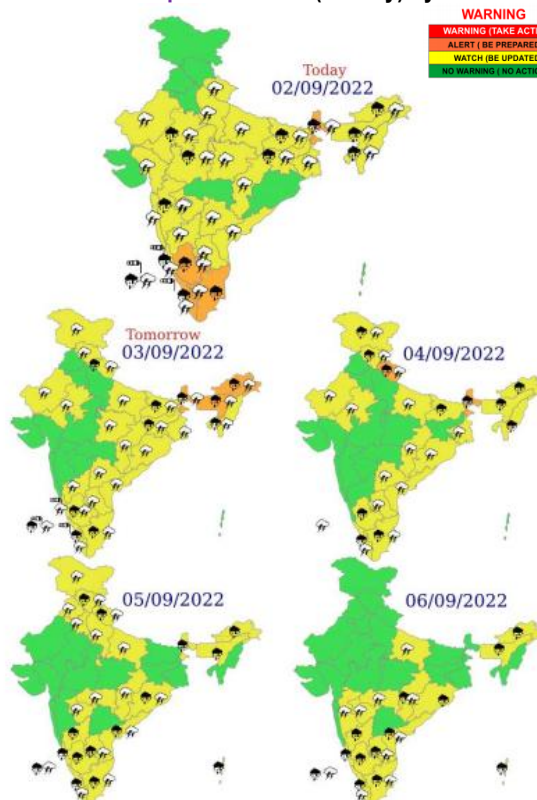
02-09-2022

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 2nd September 2022 (Midday) by IMD



- Isolated very heavy rainfall over Uttarakhand on 4th, Sub-Himalayan West Bengal & Sikkim during 02nd-04th, Arunachal Pradesh and Assam & Meghalaya on 03rd, Tamilnadu, South Interior Karnataka, Kerala & Lakshadweep on 02nd September, 2022.

2.0 Flood Situation and Advisories

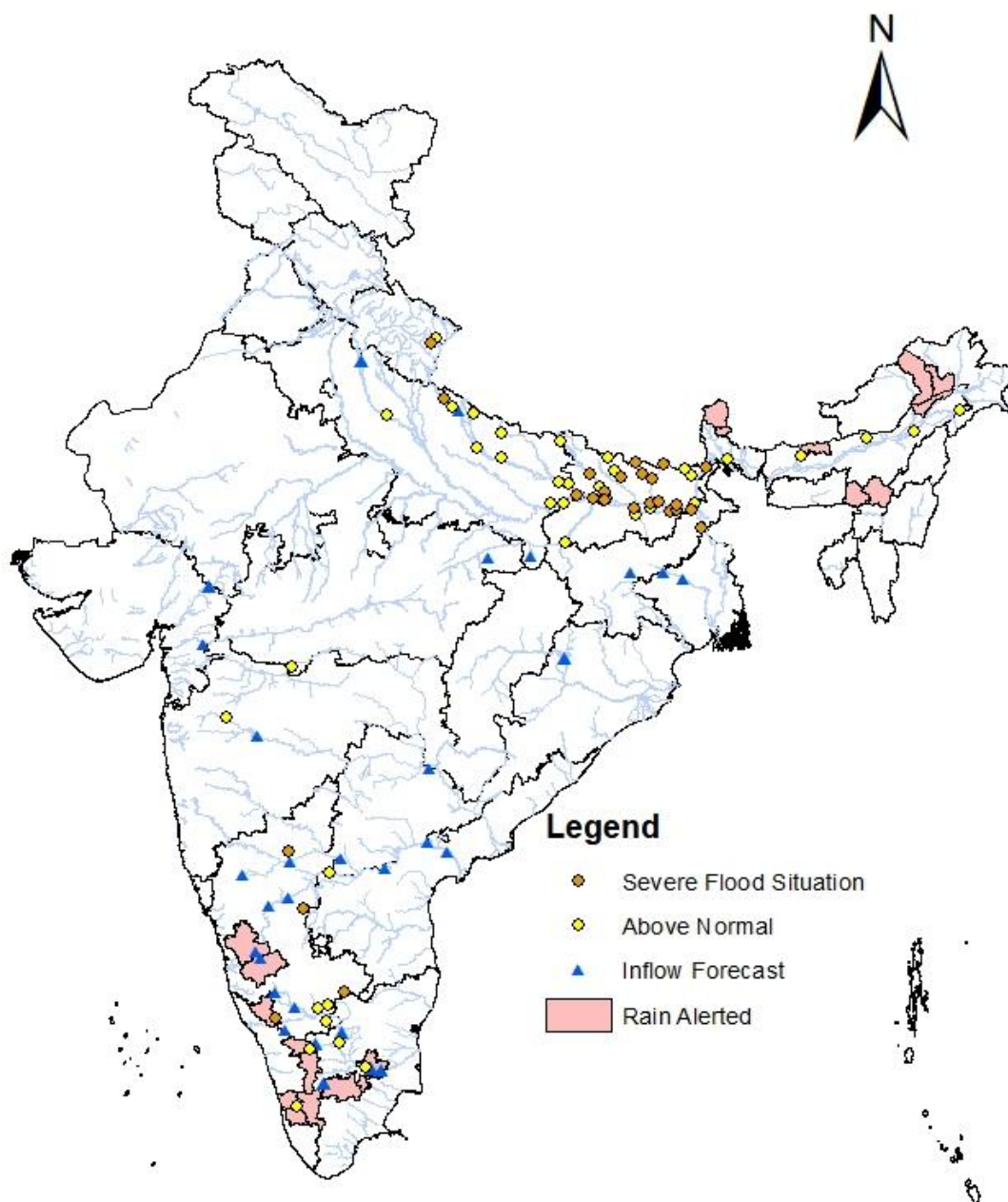
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 2nd September 2022, 18 stations (15 in Bihar, and 1 each in Jharkhand, Ballia & West Bengal) are flowing in Severe Flood Situation, 25 stations (11 in Bihar, 7 in Uttar Pradesh, 3 in Assam and 1 each in Andhra Pradesh, Maharashtra, Tamilnadu & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 27 Barrages & Dams (6 in Karnataka, 5 in Tamilnadu, 4 in Andhra Pradesh, 3 in Uttar Pradesh, 2 each in Telangana & Jharkhand and 1 each in Gujarat, 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))	18
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	25
Total number of sites above Warning Level (A+B+C)		43
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)		27

Details are given at link: http://cwc.gov.in/sites/default/files/cfrcwcdfb02.09.2022-2_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Uttar Pradesh

Flood wave raised in Chambal, Betwa & Ken have drained to Yamuna. Draining from Yamuna to Ganga is continuing. In main Ganga stem water level is in severe to above normal flood situation in districts **Ghazipur and Ballia**. The details of flood situation existing in Yamuna and Ganga **main stem mostly** as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Ballia	Ballia	Ganga	Severe	Falling
Ghazipur	Ghazipur	Ganga	Above Normal	Falling

Bihar

Due to propagation of flood wave mainly from Yamuna and southern tributaries of Ganga, Ganga main stem is receiving increased flows. Heavy inflows will decrease gradually in one week time in main Ganga stem if no runoff further reaches from northern and southern tributaries. Due to increased rainfall in Nepal and neighbourhood water levels in northern tributaries of Ganga in the state such as Kosi, Bagmati, Kamalabalan, Mahananda and Gandak are also in severe flood situations. The details of flood situation existing in Ganga **main stem mostly** as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Buxar	Buxar	Ganga	Severe	Falling
Patna	Dighaghat	Ganga	Severe	Falling
Patna	Gandhighat	Ganga	Severe	Steady
Patna	Hathidah	Ganga	Severe	Steady
Bhagalpur	Bhagalpur	Ganga	Severe	Steady
Bhagalpur	Kahalgaoon	Ganga	Severe	Steady
Supaul	Birpur	Kosi	Severe	Falling
Supaul	Basua	Kosi	Severe	Falling
Khagaria	Baltara	Kosi	Severe	Rising
Kathihar	Kursela	Kosi	Severe	Steady
Vaishali	Lalganj	Gandak	Severe	Rising
Gapalganj	Dumariaghat	Gandak	Severe	Rising
Madhubani	Jhanjharpur	Kamalabalan	Severe	Steady
Muzaffarpur	Benibad	Bagmati	Severe	Steady
Purnia	Dhengraghat	Mahananda	Severe	Rising

Uttarakhand

The details of flood situation existing in Uttarakhand as per CWC network is as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Pithogarh	Thal	Ramganga	Severe	Falling
Pithogarh	Ghat	Sarju	Severe	Rising
Pithogarh	Bangapani	Gauri ganga	Above Normal	Falling
Almora	Betaghat	Kosi	Above Normal	Rising

Karnataka

Keep alert for water level rise in rivers Cauvery and its tributaries mainly in districts **Shimoga, Chikmangalur and Kodagu** districts. Due to previous rain occurrences the flood situation in the state as per CWC data is as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Chitradurga	Hoovinahole	Swarnamukhi (Krishna)	Severe	Falling
Chamarajanagar	Bendrahalli	Suvarnavathi (Cauvery)	Severe	Falling
Vijayapura	Talikot	Doni (Krishna)	Severe	Falling
Mysore	Pudunagara	Uduthorehalla (Cauvery)	Above Normal	Steady
Ramanagar	T. Bekuppe	Arkavathi (Cauvery)	Above Normal	Falling

Tamil Nadu

Keep alert for water level rise in rivers Cauvery (**Nilgris, Coimbatore, Dindigul**, districts), Aliyar, Parambikulam (**Coimbatore** district), Vaigai (**Dindigul** districts). The flood situation in the state as per CWC data is as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Krishnagiri	Singasadanapalli	Ponnaiyar	Severe	Rising
Coimbatore	Gandhavayal	Bhavani	Above Normal	Steady
Thiruchirapalli	Musiri	Cauvery	Above Normal	Falling
Salem	Thevur	Sarabenga (Cauvery)	Above Normal	Steady

Kerala

Please keep alert for water level rise in rivers such as Chalakudi, Periyar, Meenachil, Manimala, Thodupuzha in **Ernakulam, Idukki and Kottayam** districts. The flood situation in the state as per CWC data is as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Idukki	Manakkad	Thodupuzha	Above Normal	Falling

Projects such as Idukki, Idamalayar, Kakki are having high storages of more than 80%, hence the dams may be operated as per SOP and releases may be done after informing lower riparian states.

West Bengal

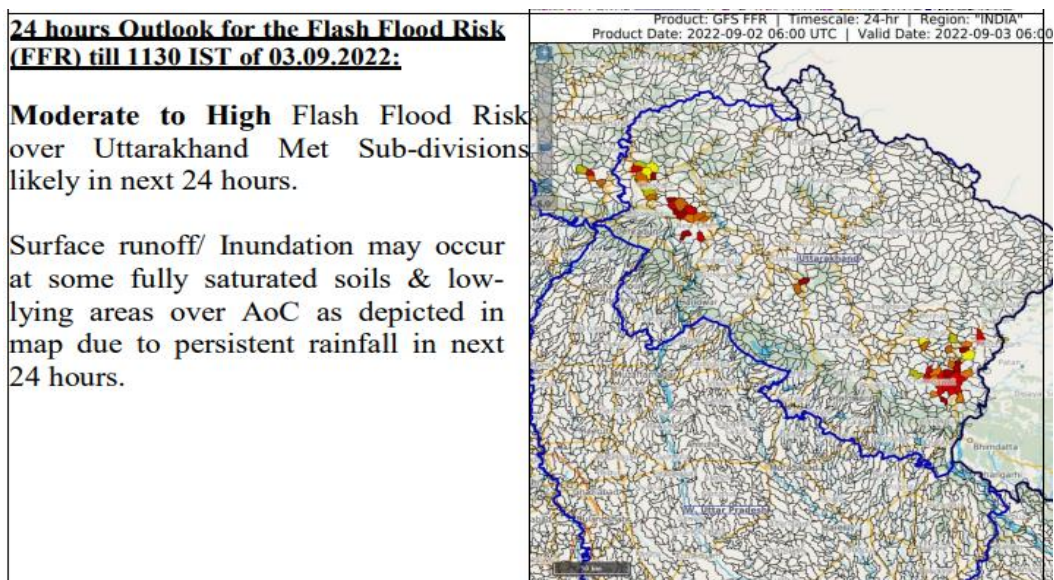
Due to heavy rainfall alert in Sikkim, keep alert for water level rise in rivers Teesta, Jaldhaka, Mahananda and their tributaries in **Darjeeling, Kalimpong, Jalpaiguri, Alipurduar and Coochbehar** districts. Due to draining out of runoff of river Yamuna, southern and northern tributaries of Ganga, Lower Ganga basin in Murshirabad is in severe flood situation with rising 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	Rising
Jalpaiguri	Jaldhaka NH31	Jaldhaka (Brahmaputra)	Above Normal	Falling

Assam

IMD has predicted very heavy rains in upper Brahmaputra of Arunachal Pradesh, districts such **Dhemaji, Dima Hasao** of Assam and in lower Brahmaputra of Assam, hence water level rise can be expected in **Baska, Barpeta** districts.

2.3Flash Flood Guidance



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	04-08-2022	05-08-2022	06-08-2022	07-08-2022	08-08-2022
1	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
2	MANDLA	NARMADA	Mandla	Madhya Pradesh	N	N	S	S	S
3	KUMBIDI	BHARATHAPUZHA	Palakkad	Kerala	AN	S	S	S	N
4	MALAKKARA	PAMBA	Pathanamthitta	Kerala	S	S	S	N	N
5	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	N	N	N	N	S
6	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
7	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
8	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	AN	AN	AN	S	S
9	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	S	S	S	S	S
10	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	S	S	S
11	JHANJHARPUR	KAMLA	Madhubani	Bihar	S	S	S	S	S
12	JHAWA	MAHANANDA	Katihar	Bihar	S	AN	AN	AN	AN
13	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
14	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	S	S	S	S	S
15	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	S	S	AN	AN
16	JAINAGAR	KAMLA	Madhubani	Bihar	S	S	S	S	S
17	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	S	S	S	S	S
18	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	S	S	S	S	S
19	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	N	AN	S	AN
20	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	S	S	S	S
21	KARIMGANJ	BARAK	Karimganj	Assam	N	AN	S	S	S
22	KODUMUDI	CAUVERY	Erode	Tamil Nadu	S	S	S	S	S
23	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	AN	S	S	S	S
24	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	S	S	S	S
25	MANTRALAYAM	TUNGABHADRA	Kurnool,Â	Andhra Pradesh	AN	S	S	S	S
26	ARARIA	PARMAN	Araria	Bihar	S	S	S	AN	AN
27	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	N	N	N	N	AN
28	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
29	DARAULI	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
30	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
31	GARHMUKTESHWAR	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	N	AN	AN	AN	AN

32	HARIDWAR	GANGA	Hardwar	Uttarakhand	N	N	N	N	AN
33	KAHALGAON	GANGA	Bhagalpur	Bihar	AN	AN	AN	AN	AN
34	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	AN
35	KURSELA	KOSI	Katihar	Bihar	AN	AN	AN	AN	AN
36	PATNAGANDHIGHAT	GANGA	Patna	Bihar	AN	AN	AN	AN	AN
37	REWAGHAT	GANDAK	Saran (chhapra)	Bihar	AN	AN	AN	AN	AN
38	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	N	AN
39	SAHIBGANJ	GANGA	Sahibganj	Jharkhand	AN	AN	AN	AN	AN
40	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	N	N	AN
41	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
42	TAIBPUR	MAHANANDA	Darbhanga	Bihar	AN	AN	AN	AN	AN
43	FARAKKA_BG	GANGA	Murshidabad	West Bengal	AN	AN	AN	AN	AN
44	BADATIGHAT	SUBANSARI	Lakhimpur	Assam	AN	AN	AN	AN	AN
45	DHARAMTUL	KOPLI	Marigaon	Assam	N	N	AN	AN	AN
46	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	AN	AN	AN	AN	AN
47	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	N	N	AN	AN	N
48	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
49	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	N	AN	AN	AN
50	TEZPUR	BHRAMPUTRA	Sonitpur	Assam	AN	AN	AN	AN	AN
51	DHUBRI	BHRAMPUTRA	Dhubri	Assam	AN	AN	AN	AN	AN
52	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	AN	AN	AN	AN	AN
53	PAGLADIYA_NT_X	PAGLADIYA	Nalbari	Assam	AN	AN	AN	AN	AN
54	KOKRAJHAR	GAURANG	Kokrajhar	Assam	AN	AN	AN	AN	N
55	ANNA_PURNA_GHAT	BARAK	Cachar	Assam	N	N	AN	AN	AN
56	BADARPGHAT	BARAK	Karimganj	Assam	N	N	AN	AN	AN
57	NELLORE	PENNAR	Sri Potti Sriramulu Nellore	Andhra Pradesh	N	AN	AN	AN	AN
58	DOMOHANI	TEESTA	Jalpaiguri	West Bengal	AN	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 2nd September 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, Mancheria(Telangana)					
7	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancheria/JaishankarBhupalpally					
8	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancheria					
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	Chikmagalur/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	Warana 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.