



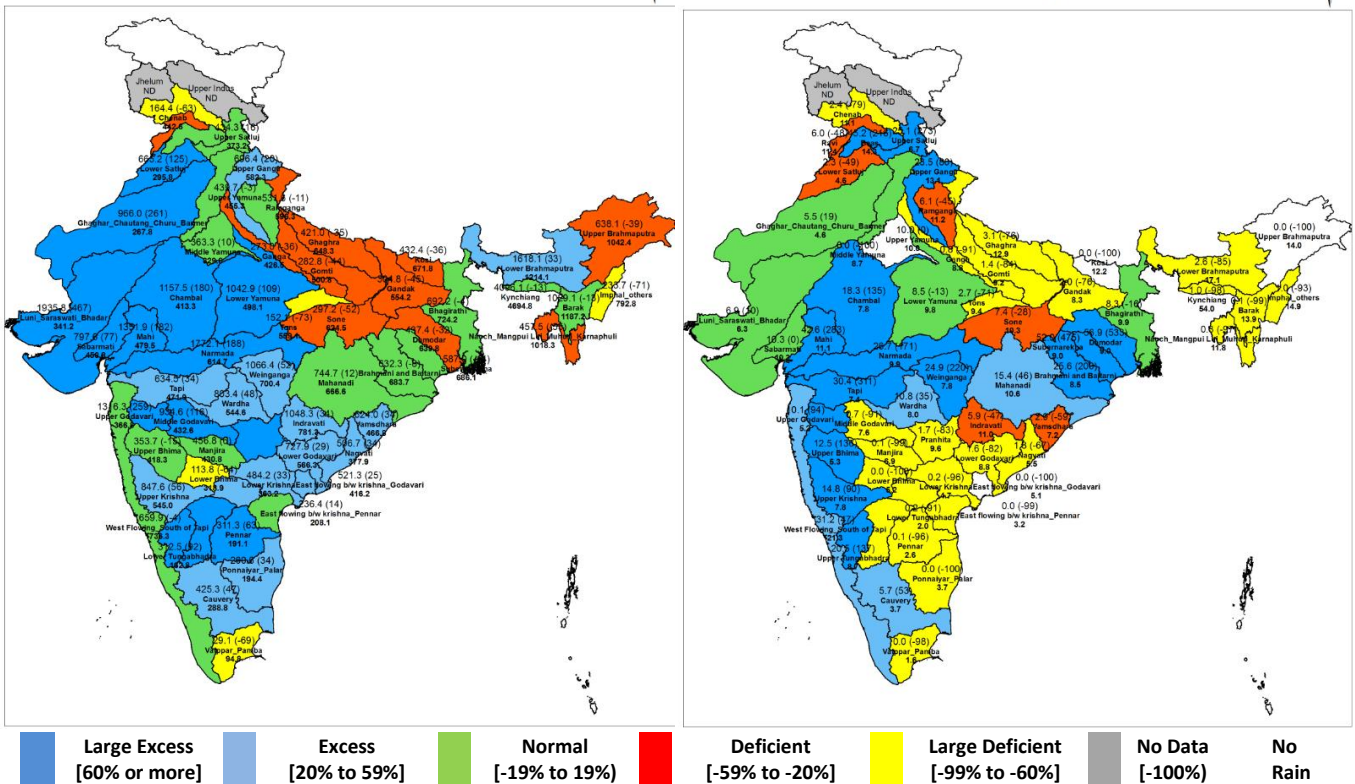
Central Water Commission
Daily Flood Situation Report cum Advisories
11-08-2022

1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall

RIVER BASIN RAINFALL MAP : INDIA
 Period :01-06-2022 To 11-08-2022

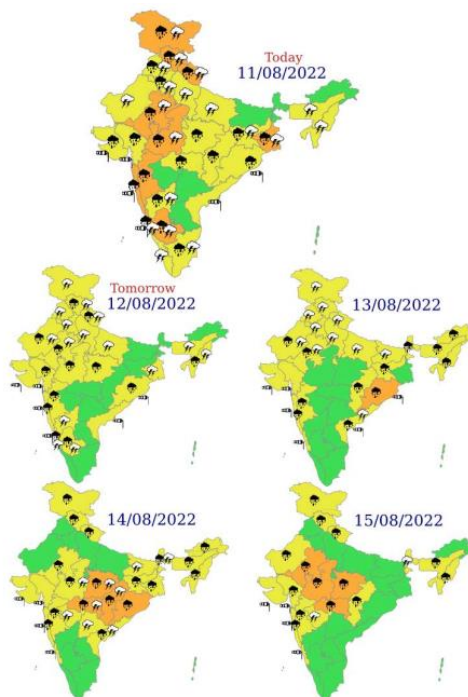
RIVER BASIN RAINFALL MAP : INDIA
 Date :11-08-2022



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 11th August 2022 (Midday) by IMD

WARNING
 WARNING (TAKEN ACTION)
 ALERT (BE PREPARED)
 WATCH (BE UPDATED)
 NO WARNING (NO ACTIONS)



- Isolated very heavy rainfall over Jammu & Kashmir, Himachal Pradesh, Uttarakhand on Madhya Maharashtra, Gangetic West Bengal, Coastal & South Interior Karnataka and Konkan & Goa on 11th; East Madhya Pradesh and Vidarbha on 14th & 15th; West Madhya Pradesh and East Rajasthan on 11th & 15th; Chhattisgarh on 14th; Odisha on 13th & 14th August, 2022.

2.0 Flood Situation and Advisories

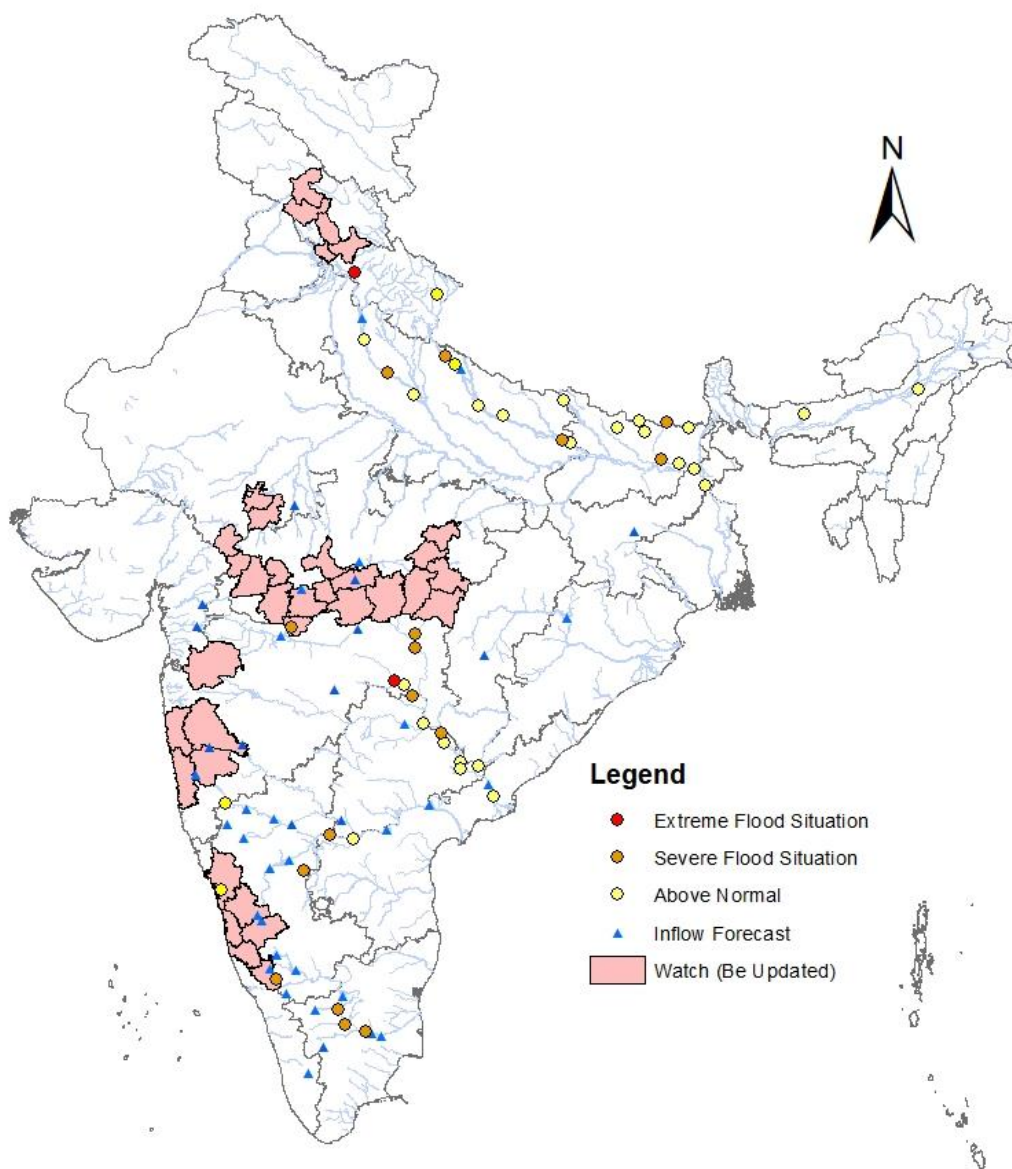
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 11th August 2022, 13 stations (4 in Bihar, 2 each in Uttar Pradesh, Tamilnadu, Telangana & Andhra Pradesh and 1 Telangana) are flowing in Severe Flood Situation, 23 stations (6 in Bihar, 5 in Uttar Pradesh, 4 in Telangana, 2 in Assam and 1 each in Jharkhand, Maharashtra & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 50 Barrages & Dams (13 in Karnataka, 7 in Maharashtra, 5 each in Madhya Pradesh, Tamilnadu & Andhra Pradesh 4 each in Telangana & Uttar Pradesh, 2 each in Odisha & Gujarat and 1 each in Chattisgarh, Rajasthan & Jharkhand).

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))	13
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	23
Total number of sites above Warning Level (A+B+C)		36
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)		50

Details are given at link: http://cwc.gov.in/sites/default/files/cfrcwcdfb11-08-2022_3.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Madhya Pradesh

Alert for water level rise may be kept in rivers Chambal basin rivers in **Dhar, Ujjain, Dewas, Indore, Agar Malwa, Mandsaur, Neemuch, Ratlam, Shajapur** dists., river Narmada in **Dhar, Indore, Khandwa, Katni, Narasingpur, Khargone, Jabalpur, Dewas** dists., river Mahi, Anas in **Dhar, Ratlam, Jhabua** dist., river Tapi in **Burhanpur, Khargone, Barwani, Khandwa** dists., river Wainganga in **Balaghat, Seoni, Chhindwara, Mandla** dists., river Son in **Katni** district. At CWC site Burhanpur in **Rajgarh** district, river Tapi is flowing in severe flood situation with falling trend.

Gujarat

As there is heavy rainfall in upper Sabarmati, upper & middle Tapi, middle Narmada and upper Mahi and in Rajasthan, Madhya Pradesh and Maharashtra, alert for water level rise may be kept in rivers in Mahi, Anas, Sabarmati, Damanganga, Tapi & Narmada. Increased inflows are expected into major dams such as Kadana, Panam, Dharoi, Ukai, Sardar Sarovar & Madhuban.

Maharashtra

As very heavy rains are expected in the state for next 2 days, alert for water level rise may be kept in rivers of Konkan namely Vaitarna, Ulhas, Savitri, Vashisti, Gad, Kali and other small rivers in districts **Palghar, Raigad, & Ratnagiri**. Alert for water level rise may be kept in rivers upper Krishna in **Satara** district, river of upper Bhima basins in **Pune** district, river of upper Godavari, Damanganga and Purna(Tapi basin Purna river) in **Nashik** district. List of dams with more than 70% Storage in districts with heavy rain warning are listed below:

Project	District	Project	District
Bhatsa	Thane	Paithan, Dhamni	Palghar
Tillari	Sindhudurg	Lower Wardha, Bor	Wardha
Kadwa, Waki, Waghad, Vaitarne, Darne, Ozarkhed, Tisgaon, Mukane, Bham, Girna, Punegaon, Karanjwan, Gangapur, Bhavali	Nashik	Bhamaaskhed, Dimbhe, Ghod, Pimpalgaon joge, Wadaj, Bhatghar, Panshet, Warasgam, Pawana, Gunjawani, Chaskaman	Pune
Talari, Dhoni Balkawadi, Kanher	Satara	Tulshi, Radhanagari, Tillari, Dudhaganga	Kolhapur
Asolamendha	Chandrapur	Katepurna	Akola

It is requested to regulate the project as per SOP and any release of water may be done after informing lower riparian areas.

Flood Situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Chandrapur	Ghugus	Wardha (Godavari basin)	Extreme	Rising
Bhandara	Pauni	Wainganga(Godavari basin)	Severe	Rising
Chandrapur	Bamni	Wardha (Godavari basin)	Above Normal	Falling
Gopalkheda	Akola	Purna (Tapi Basin)	Above Normal	Rising
Buldana	Wankhed	Tapi	Above Normal	Steady

Rajasthan

Very heavy rains are expected into **Udaipur, Dungarpur and Banswara** district. Hence alert for water level rise may be kept in Sabarmati and Mahi river and heavy inflows into Mahi Bajaj Sagar Dam (**Banswara** dist.) is expected. In Chambal and its tributaries, alert for water level river may be kept since there are heavy rains in west Madhya Pradesh.

Karnataka

IMD has predicted very heavy to extremely heavy rains in districts **Uttara Kannada, Shimoga, Udupi, Chikmangalur, Dakshin Kannada and Kodagu, for next 2 days**. Alert for water level rise may be kept in rivers Kalinadi, Varahi, Netravathi, Bhadra, Tungabhadra, Ghataprabha, Shimsha, Sharavati, Kumaradhara, Bedthi, Aghanashini, and other tributaries of Krishna and Cauvery rivers in above said districts. Projects such as Harangi, KRS, Kabini, Hemavathy, Bhadra, Tungabhadra, Ghataprabha, Almatti and Narayanapura are having high storages hence dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas. Present flooding situation in the State as per CWC network is as under:

District	CWC site	River	Flood Situation	Water level Trend
Chitradurga	Hoovinahole	Swarnamukhi(Krishna basin)	Severe	Steady
Chamarajanagar	Kollegal	Cauvery	Severe	Falling

Odisha

Flood Situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Baleswar	Mathani Rd Bridge	Subarnarekha	Severe	Rising

Chhattisgarh

In rivers of Mahanadi basin alert for water level rise may be kept in **Bilaspur, Mungeli, Janjgir, Balodabazar & Mahasamund** districts. Flood Situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Gariaband	Malgaon	Pairi (Mahanadi basin)	Extreme	Falling
Bastar	Jagdulpur	Indravathi (Godavari basin)	Severe	Falling

Telangana

Due to propagation of flood wave raised in Maharashtra and Chattisgarh downstream lower Godavari in Telangana is affected by flood situation in **Mulugu, Bhadradi and Khammam** districts and is expected to continue for next two days. Flood Situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Mulugu	Perur	Godavari	Severe	Falling
Kumaram Bheem	Sirpur	Wardha (Godavari Basin)	Severe	Rising and expected to touch previous HFL night of 11.08.2022
Mulugu	Etrunagaram	Godavari	Above Normal	Falling
Bhadradi	Dummugudem	Godavari	Above Normal	Rising
Bhadradi	Bhadrachalam	Godavari	Above Normal	Rising

Andhra Pradesh

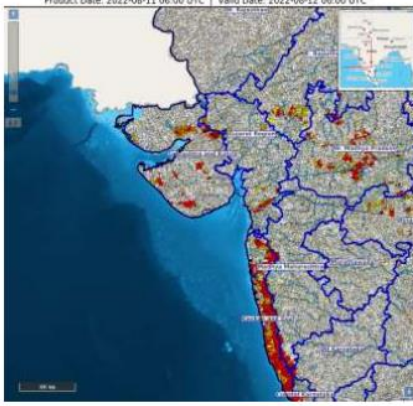
Due to propagation of flood wave raised in Maharashtra and Chattisgarh downstream lower Godavari in **Alluri Sitharama Raju and East Godavari districts** are having severe to above normal flood situation. Flood Situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Alluri Sitharama Raju	Kunavaram	Godavari	Severe	Rising
Alluri Sitharama Raju	Chinturu	Sabari (Godavari basin)	Above Normal	Rising
East Godavari	Dowlaiswaram	Godavari	Above Normal	Rising

Himachal Pradesh

Alert for water level rise may be kept in rivers Satiuj, Tons, Beas and its tributaries in districts **Champa, Kangra, Mandi, Solan, Shimla and Sirmaur** districts.

2.3. Flash Flood Guidance

<p>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 12.08.2022:</p> <p>Moderate Flood Risk over West Madhya Pradesh, adjoining south Rajasthan, south Gujarsat, south Saurashtra & Kutch, Konkan & Goa, Met Sub-division likely in next 24 hours.</p> <p>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.</p>	<p>Product: WRF FFR Timescale: 24-hr Region: "REGIONAL" Product Date: 2022-08-11 06:00 UTC Valid Date: 2022-08-12 06:00 UTC</p> 
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3.0 Advisory Flood Forecast for next 5-days

S.No.	Station	River	District	State	12-08-2022	13-08-2022	14-08-2022	15-08-2022	16-08-2022
1	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	S	S	S	S	S
2	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
3	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	AN	AN	AN	S	S
4	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
5	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
6	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
7	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	S	S	S	S	AN
8	KARNAL	YAMUNA	Karnal	Haryana	S	S	AN	N	N
9	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	S	S	AN	AN	AN
10	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	S	S	S	AN	AN
11	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	AN	S	S	S
12	KODUMUDI	CAUVERY	Erode	Tamil Nadu	S	S	AN	AN	AN
13	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	S	S	S	AN	AN
14	AKHUAPADA	BAITRANI	Jajapur	Odisha	AN	N	N	S	S
15	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	AN	N	N	AN
16	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
17	DARAUJI	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
18	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	AN	AN	AN
19	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
20	GARHMUKTESHWAR	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	AN	AN	AN	AN	AN
21	HARIDWAR	GANGA	Hardwar	Uttarakhand	AN	N	N	N	N
22	JHANJHARPUR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
23	JHAWA	MAHANANDA	Katihar	Bihar	AN	AN	N	N	N
24	KAHALGAON	GANGA	Bhagalpur	Bihar	AN	AN	AN	AN	N
25	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	N	N	N
26	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	AN	AN	N	N	N
27	KURSELA	KOSI	Katihar	Bihar	AN	AN	AN	AN	AN
28	MATHURA_PG	YAMUNA	Mathura	Uttar Pradesh	N	N	AN	AN	AN
29	MAWI	YAMUNA	Muzzafarnagar	Uttar Pradesh	AN	AN	AN	N	N
30	PAONTA	UPPER YAMUNA	Sirmaur	Himachal Pradesh	AN	N	N	N	N
31	REWAGHAT	GANDAK	Saran (chhapra)	Bihar	AN	AN	AN	AN	N
32	RISHIKESH	GANGA	Dehradun	Uttarakhand	AN	N	N	N	N

33	SAHIBGANJ	GANGA	Sahibganj	Jharkhand	AN	AN	AN	AN	AN
34	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN
35	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
36	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	AN
37	FARAKKA_BG	GANGA	Murshidabad	West Bengal	AN	AN	AN	AN	AN
38	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
39	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	N	N	N	N	AN
40	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	N	N	N	N
41	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	N	N	N	AN
42	SRIKAKULAM	NAGAVALLI	Srikakulam	Andhra Pradesh	AN	N	N	N	N
43	MANTRALAYAM	TUNGABHADRA	Kurnool	Andhra Pradesh	AN	AN	AN	AN	AN
44	ARARIA	PARMAN	Araria	Bihar	AN	AN	AN	AN	AN
45	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN

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

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 11thAugust2022

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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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.

#	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	Chikmagalur/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	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
37	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
38	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					

39	Sathanur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
40	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
41	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
42	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
43	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
44	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
45	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
46	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
47	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
48	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
49	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					