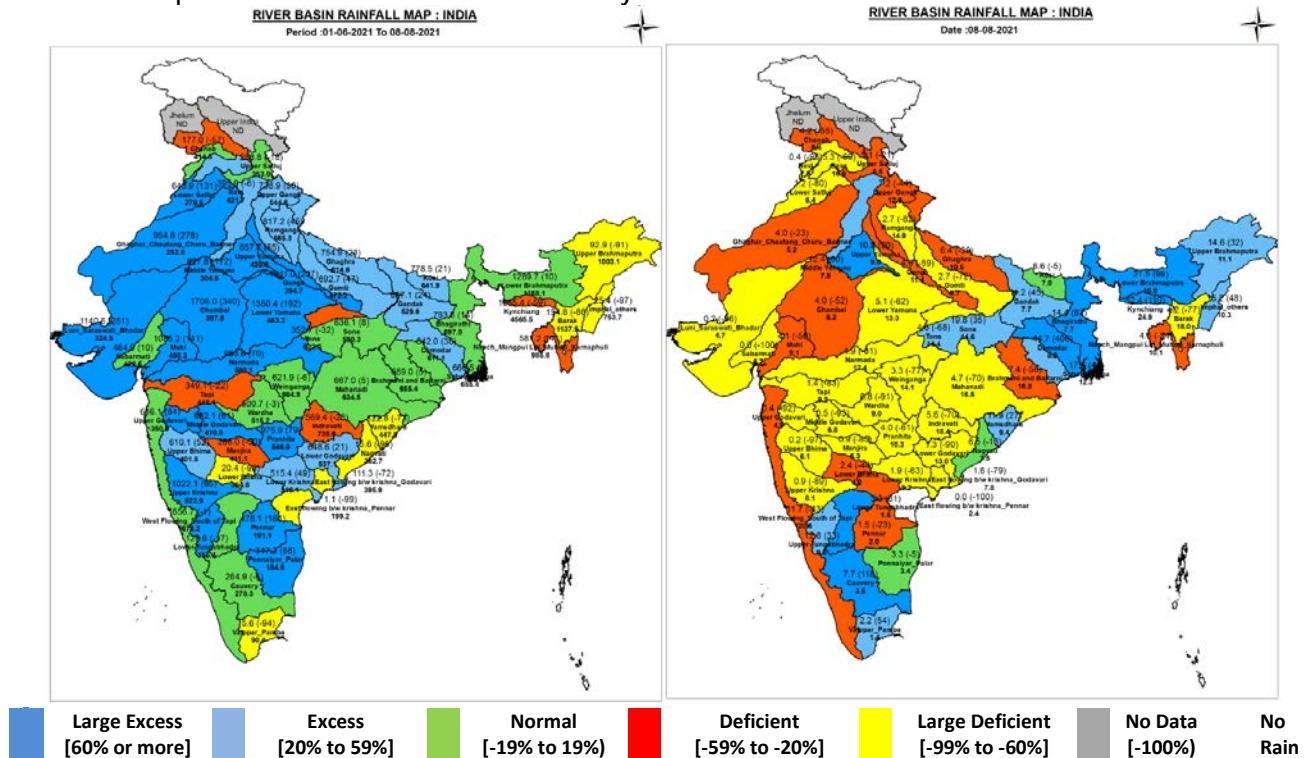




Central Water Commission
Daily Flood Situation Report cum Advisories
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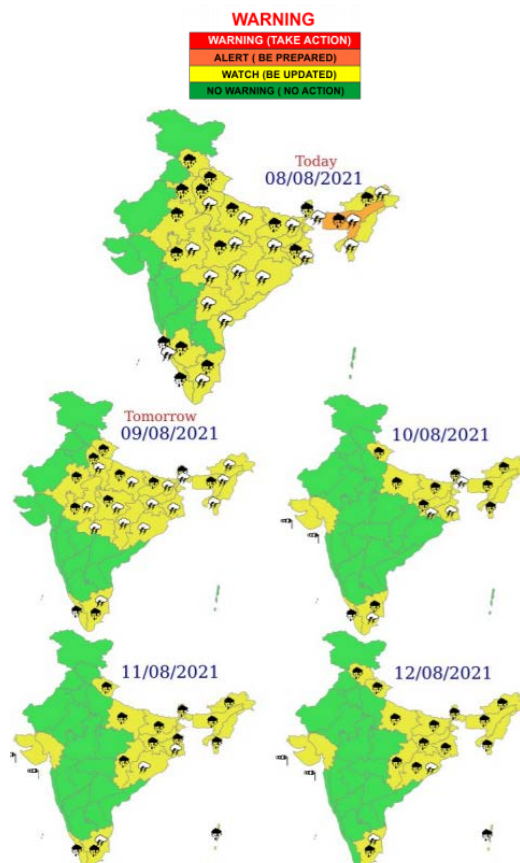
1.0 Rainfall Situation

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 8th August 2021 (Midday) by IMD

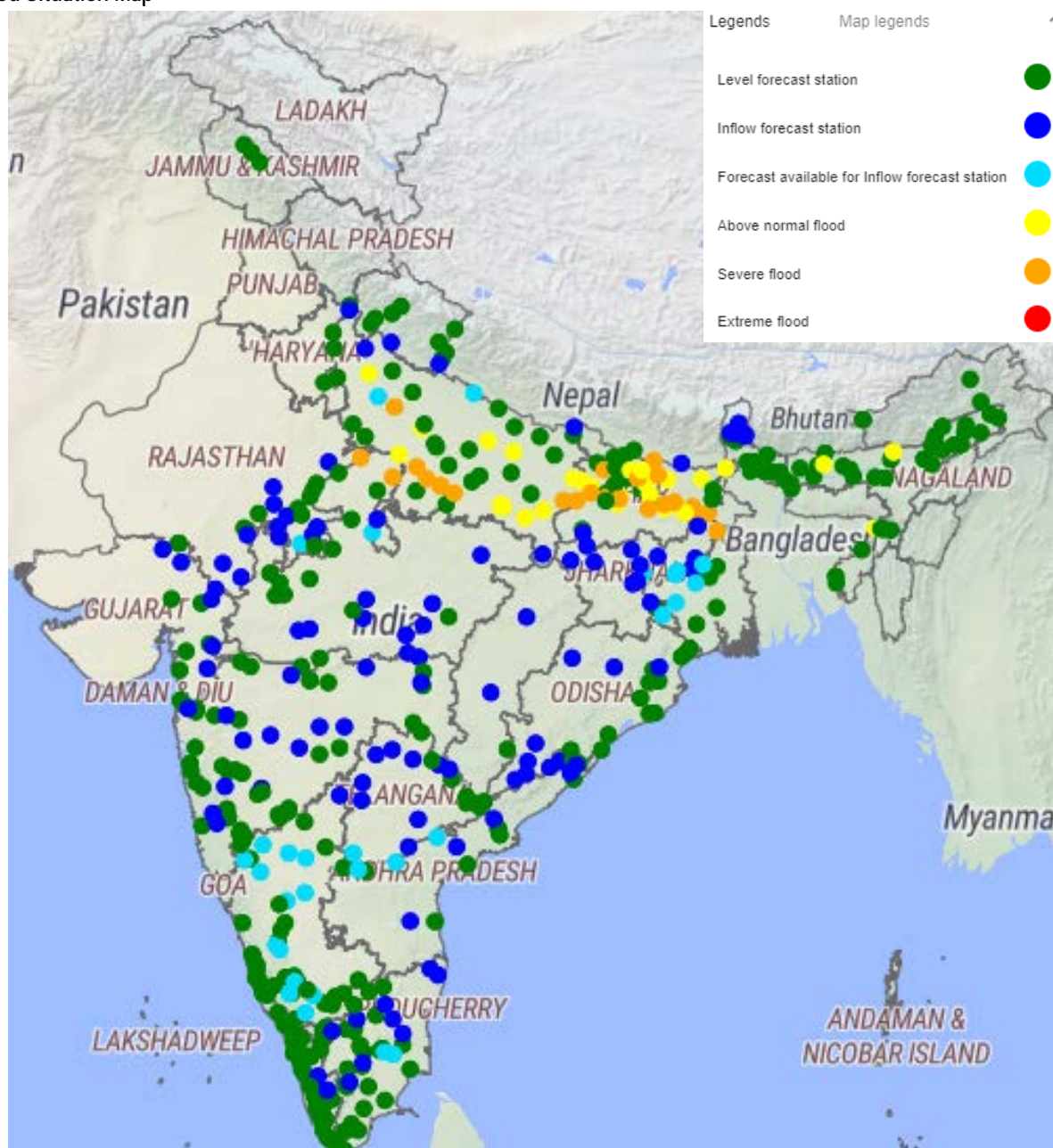


- Isolated heavy falls is very likely over northeast and Sub-Himalayan West Bengal & Sikkim during next 5 days. Under the influence of likely prevailing of stronger south-westerly/southerly winds from Bay of Bengal in the lower levels over these areas, from 11th July, Intensity of rainfall is very likely to increase over these areas and it is likely to be isolated heavy to very heavy falls in the region on 11th & 12th August, 2021.

2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

FLOOD SITUATION SUMMARY		
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))	25
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	28
Total number of sites above Warning Level (A+B+C)		53
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

2.1.1 Flood Situation Map



2.2 CWC Advisories

2.2.1 Yamuna and its Tributaries - West Madhya Pradesh, East Rajasthan & Uttar Pradesh

Hydrological situation in tributaries of Yamuna are gradually returning back to normal due to cease of rainfall over the area. Only in lower reaches of Chambal, Betwa and Sindh flood situation exists. **Dholpur** (Chambal river), **Hamirpur** (Betwa river) & **Datia** (Sind river) districts are in severe flood situation. Releases from Kalisindh dam and Rajghat dam is of the order ~ 1700 cumec and 8700 cumec respectively. Inflows into these dams have reduced drastically.

In main Yamuna, water levels in districts such as **Etawah, Auraiya, Jalaun** are in above normal to severe flood situation with decreasing trend. From district **Hamirpur to Prayagraj** i.e. till its confluence with Ganga, severe flood situation exists with rising trend. Alert may be kept in downstream districts of U.P. on river Ganga after confluence with river Yamuna such as **Prayagraj, Mirzapur, Varanasi, Ghazipur and Ballia** during the next 2 days.

Kalisindh, Panchana and Ranapratap Sagar dams of Rajasthan are having high storages; hence releases from these dams may be done as per SOP by informing downstream Districts of lower riparian states.

2.2.2 Ganga basin- Uttar Pradesh, Bihar, Jharkhand & West Bengal

Due to combined effect of river runoff from Yamuna and northern tributaries of Ganga, main **Ganga** is flowing in above normal to severe flood situations from districts **Prayagraj (U.P)** to **Murshirabad (West Bengal)** with rising trend. Alert may be kept in districts **Prayagraj, Varanasi, Ghazipur (U.P), Buxar, Patna, Munger, Bhagalpur (Bihar), Sahibganj (Jharkhand) & Murshirabad (West Bengal)**. Inflow from Yamuna and its tributaries will further increase the water level of main Ganga stem in Bihar in next 2 to 3 days. Middle reaches of Ganga river in districts such as **Hapur, Badaun, Farrukhabad, Kanpur & Ballia (Uttar Pradesh)** are in above normal to severe flood situations. River **Ghaghra** in **Barabanki, Ayodhya & Ballia (Uttar Pradesh)** and **Siwan (Bihar)** Districts are flowing in Above Normal Flood Situation.

Currently River **Kosi** in **Khagaria, Supaul & Katihar** districts, River **Bagmati** in **Muzzafarpur** district, River **Gandak** in **Gopalganj & Vaishali** districts, River **Adhwara** in **Darbhanga** District, Rivers **Kamla & Kamlabalan** in **Madhubani** district, River **Burhi Gandak** in **Samastipur & Khagaria** district, River **Parman** in **Araria**, River **Mahanand** in **Kishanganj** district and River **Ghaghra** in **Siwan** district (Bihar) are flowing in severe to above normal flood situations.

2.2.3 Godavari and Krishna basin– Maharashtra, Telangana, Andhra Pradesh & Karnataka

Godavari basin: **Sriramsagar, Karanja, Sri PadaYellampally, Yeldari, Kaddam** are having high storages. Releases are to be done as per SOP by informing downstream districts of lower riparian states.

Krishna Basin: Major dams such as **Almatti, Narayanpur, Tungabhadra, P.D. Jurala, Sunkesula** barrage, **Srisailem, Koyna, Warana, Veer & Musi** projects are having high storages, hence, releases from these dams may be done as per SOP by informing downstream Districts of lower riparian states.

2.2.4 Cauvery basin – Karnataka, Tamil Nadu

Inflows into **Harangi, Hemavathi, Kabini** and **KRS** dams are having steady trend. Close watch is to be maintained as the storages are high in most of the major projects. Necessary precautions may be taken for releases from dam after informing all downstream areas in Karnataka and lower riparian States. Releases from **Kabini** dam are being realised at **Mettur** dam of **Salem** and **Dharmapuri** district (Tamil Nadu).

2.2.5 Brahmaputra and its tributaries - Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura

IMD has predicted heavy rains in the catchment of Brahmaputra and its tributaries and **Barak & others** in states **Assam & Meghalaya** and **Nagaland, Manipur, Mizoram & Tripura**, hence alert may be kept. Currently river **Jia Bharali** at **Sonitpur** district and river **Beki** at **Barpeta** districts are flowing above normal flood situations.

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 08thAugust2021

Reservoirs shown in red are having gross storage capacity more than 80% and those in orange are having gross storage greater than 60%. Close watch is to be maintained at these reservoirs whenever Very Heavy Rainfall (Orange) and Extremely Heavy Rainfall (Red) warning in next 120 hours are given below:

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	Srisalam	Krishna/Lower Krishna/Krishna	AP	JogulambaGadwal (Telangana), Kurnool(AP)/Nalgonda(Telangana), Guntoor (AP)					
2	Musi	Musi/Lower Krishna/ Krishna	Telangana	Nalgonda					
3	Sri padaYellampally	Godavari/Middle Godavari/Godavari	Telangana	Mancherial/ JaishankarBhupalpally					
4	Sriramsagar Project	Godavari/Middle Godavari /Godavari	Telangana	Nanded (Mah)/Nirmal (Telangana)					
5	Kaddam	Kaddam/Middle Godavari/Godavari	Telangana	Adilabad, Nirmal/ Mancherial					
6	PD Jurala	Krishna/ Middle Krishna/Krishna	Telangana	Raichur(Kar)/Kurnool(Andhra Pradesh),JogulambaGadwal(Telangana)					
7	Panchet	Damodar/Damodar East/ Ganga	Jharkhand	Dhanbad, Jamtara (Jharkhand)/ Puruliya, PaschimBardhaman, Bankura (WB)					
8	Maithon	Barakar/Barakar East/Ganga	Jharkhand	Dhanbad, Jamtara (Jharkhand)/ Puruliya, PaschimBardhaman, Bankura (WB)					
9	Kabini	Kabini/Kabini/ Cauvery	Karnataka	Wayanad (Kerala)/ Mysuru (Karnataka)					
10	Harangi	Cauvery/Upper Cauvery/Cauvery	Karnataka	Kodagu/Mandya					
11	Karanja	Karanja/Manjera/Godavari	Karnataka	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
12	Almatti	Krishna/Upper Krishna/Krishna	Karnataka	Kolhapur(Mah)/ Bagalkote(Kar)					
13	Narayanpur	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot, Vijayapura/ Raichur, Yaadgir					
14	KRS	Cauvery/Middle Cauvery/Cauvery	Karnataka	Mandya, Mysore					
15	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Karnataka	Gadag/Bellary, Koppal, Raichur					
16	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Karnataka	Hassan, Kodagu/Mandya, Mysore					
17	Bhadra	Bhadra/Upper Tungabhadra/Krishna	Karnataka	Chikmagalur/Shimoga					
18	Hidkal	Ghataprabha/Ghataprabha/Krishna	Karnataka	Kolhapur (Mah)/ Belgaum (Kar)					
19	Malaprabha	Malaprabha/Malaprabha/Krishna	Karnataka	Belgaum					
20	Warana	Warana/Upper Krishna/Krishna	Maharashtra	Kolhapur, Sangli					
21	Koyna	Koyna/ Upper Krishna/Krishna	Maharashtra	Satara/Kolhapur, Sangli					
22	Yeldari	Purna/Purna/Godavari	Maharashtra	Parbhani, Hingoli					
23	Totladoh	Pench/Wainganga/Godavari	Maharashtra	Chindwara(MP)/Nagpur(Mah)					
24	Isapur	Penganga/Penganga/Godavari	Maharashtra	Hingoli, Yavatmal/Yavatmal,Nanded					
25	Veer	Nira/Upper Bhima/Krishna	Maharashtra	Pune, Satara					
26	Ujjani	Bhima/Upper Bhima/Krishna	Maharashtra	Pune, Solapur					
27	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
28	Kalisindh	Kalisindh/Upper Chambal/Ganga	Rajasthan	Shajapur, Rajgarh(MP)/Jhalawar(Raj)					
29	Panchana	Gambhiri/Upper Chambal/Ganga	Rajasthan	Karauli					
30	Gudha	Mejchambal/Upper Chambal/Ganga	Rajasthan	Bhilwara/Bundi					
31	SomKamlaAmba	Som/Mahi B/Mahi	Rajasthan	Udaipur/ Dungarpur					
32	Vaigai	Vaigai/Upper Vaigai/EF Rivers b/w Cauvery &Kanyakumari	TN	Theni/Madurai					
33	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri (TN), Coimbatore (TN)/ Erode (TN)					

34	Idukki	Periyar/Upper Periyar/West Flowing Rivers from Tadri to Kanyakumari	Kerala	Idduki/Ernakulam					
35	Edamalyar	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Ernakulam					
36	Bargi	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
37	Gandhi Sagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
38	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
39	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					

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.