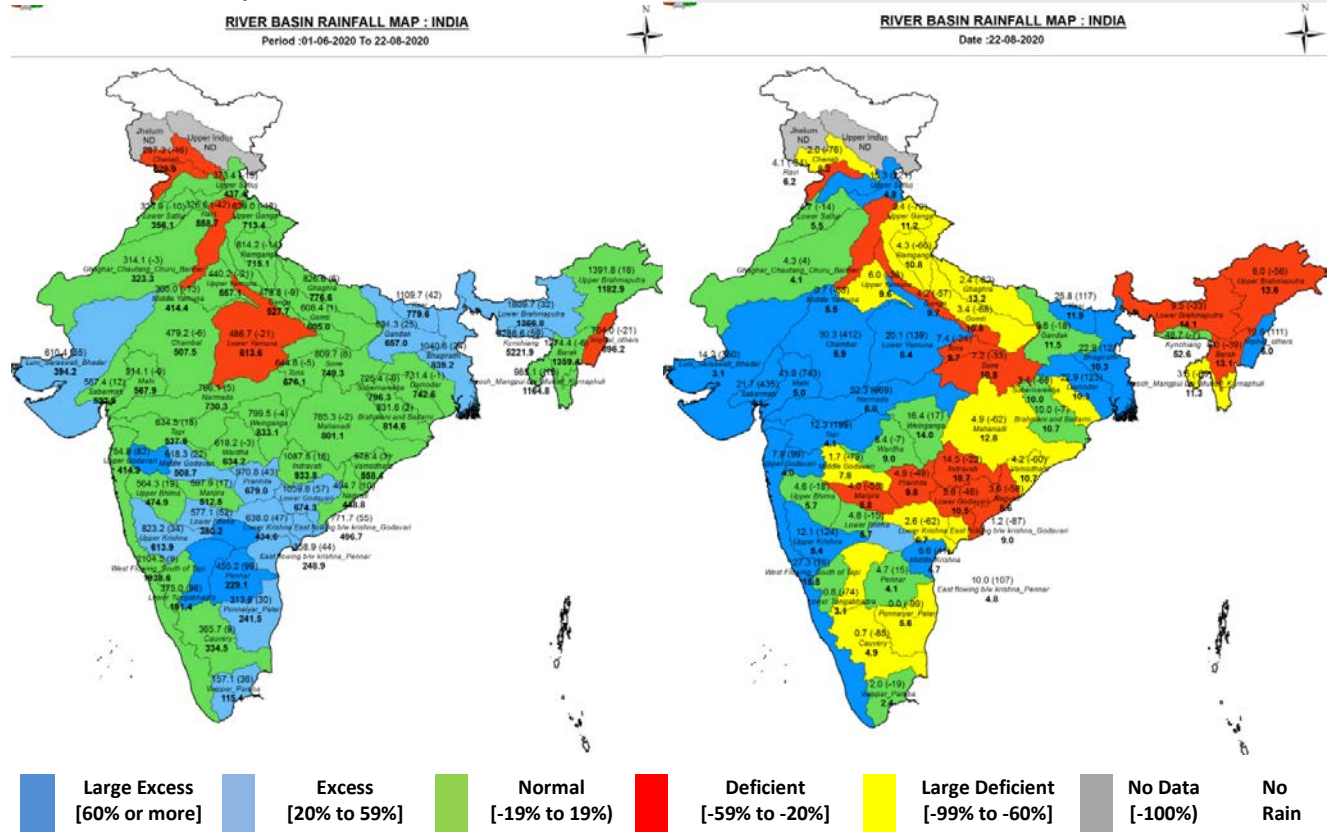




Central Water Commission
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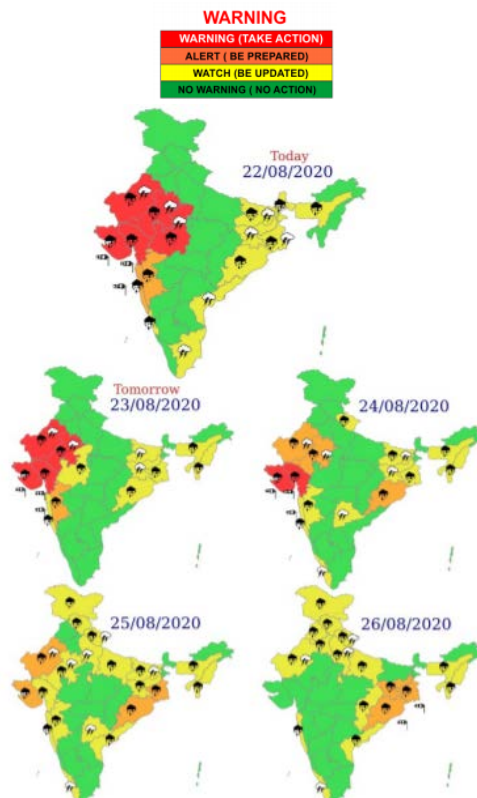
1.0 IMD information

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 22nd August 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 22nd August 2020

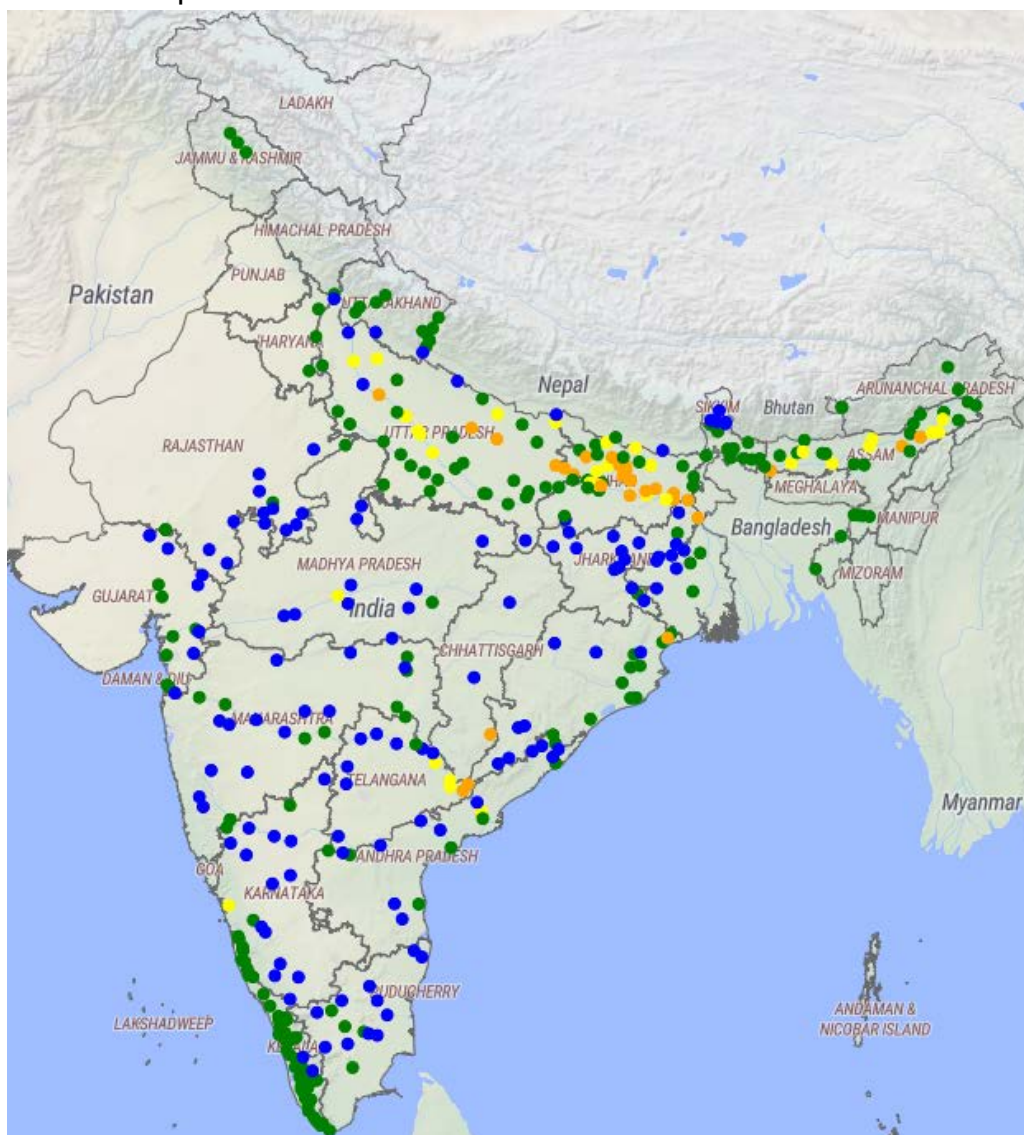
2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 22nd August 2020, 29 Stations (15 in Bihar, 4 in Uttar Pradesh, 3 each in Andhra Pradesh & Assam, 1 each in Chhattisgarh, Jharkhand, Odisha & West Bengal) are flowing in Severe Flood Situation and 30 stations (9 in Bihar, 8 in Uttar Pradesh, 7 in Assam, 3 in Telangana and 1 each in Andhra Pradesh, Karnataka & Madhya Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 46 Barrages and Dams (12 in Karnataka, 7 in Madhya Pradesh, 5 each in Andhra Pradesh & Jharkhand, 3 each in Uttar Pradesh & West Bengal, 2 each in Chhattisgarh, Maharashtra, Tamilnadu & Telangana, 1 each in Gujarat, Odisha & 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))	29
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	30
Total number of sites above Warning Level (A+B+C)		59
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)		46

Details can be seen in link http://cwc.gov.in/sites/default/files/dfb202022-08-2020_6.pdf.

2.1.2 Flood Situation Map



2.2 CWC Advisories

- Isolated extremely heavy falls are very likely over Rajasthan and Gujarat state during 22nd - 24th August and over West Madhya Pradesh today, 22nd August, 2020.
- Widespread rainfall with isolated heavy to very heavy falls very likely over West Madhya Pradesh and Konkan & Goa during next 24 hours and over ghat areas of Madhya Maharashtra, Gujarat state and Rajasthan during next 2-3 days.
- Due to likely formation of the Low Pressure Area over North Bay of Bengal around 24th August, 2020; rainfall activity is likely to increase over east & adjoining central India from 24th August. Isolated very heavy to extremely heavy falls very likely over Odisha during 24th - 26th August, and very heavy falls over Gangetic West Bengal on 25th & 26th and over Jharkhand on 26th August.

Based on the above rainfall forecast the following advisories are issued by CWC for various States:

River **Chambal** & its **tributaries** such as **Shipra** are rising rapidly. Close watch is to be maintained in **Ujjain, Ratlam, Sehore & Mandsaur Districts in Madhya Pradesh** for next 2-3 days.

River **Mahi** & its **tributaries** are expected to rise. Close watch is to be maintained in the Districts of **Dhar, Jhabua & Ratlam in Madhya Pradesh, Banswara, Dungarpur & Pratapgarh in Rajasthan, Mahisagar, Panchmahal & Kheda in Gujarat** for next 2-3 days.

Due to reduction in rainfall River **Godavari** & its **tributaries** such as **Wainganga, Wardha, Indravathi & Sabari** have started falling. River level is likely to slowly recede during next 2-3 days. Due to likely formation of Low Pressure in Bay of Bengal, close watch is to be maintained in Districts of **Nowrangpur, Koraput & Malkangiri in Odisha, Bastar, Sukma, Narayanpur, Dantewada & Bijapur in Chhattisgarh, Mulugu & Bhadrachalam in Telangana** and **East & West Godavari Districts in Andhra Pradesh**.

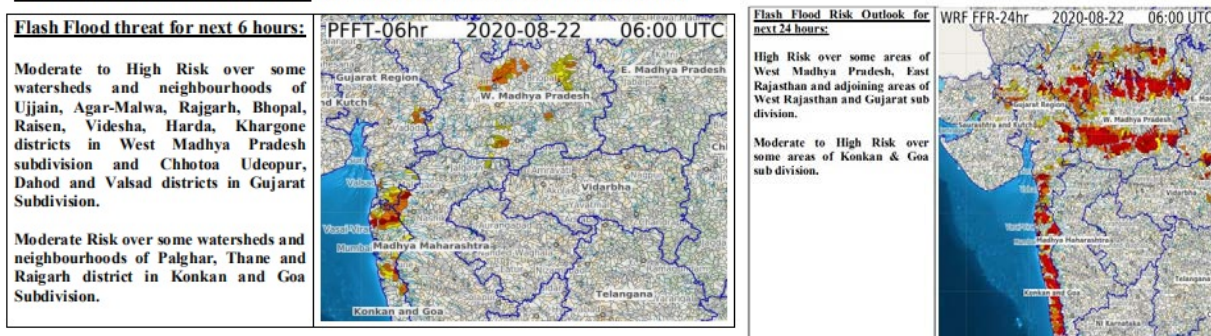
River **Krishna** & its **tributaries** such as **Tungabhadra & Bhima** are expected to continue to flow above threshold limit for various dams. Most of the dams in the basin are expected to release considerable quantity of water due to forecasted rainfall. Almost all the dams in Basin in **Maharashtra, Karnataka, Telangana & Andhra Pradesh** have reached very close to FRL. Close watch is to be maintained in the Districts of **Pune, Satara & Kolhapur in Maharashtra, Bagalkote, Vijayapura, Raichur & Belagavi in Karnataka, Jogulamba Gadwal & Nalgonda in Telangana, Kurnool, Guntur & Krishna District of Andhra Pradesh**.

River **Narmada** & its **tributaries** are expected to rise in **Hoshangabad** as well as downstream of Hoshangabad, **Indore & Dhar Districts of Madhya Pradesh** as most of the dams in Narmada are getting heavy inflows.

2.3 Flash Flood Guidance

Flash Flood Guidance for next 24 hours as issued by IMD is appended.

Flash Flood threat for next 6 hours: Flash Flood Threat for next 6 hours is as follows:



2.4 Impact Based Actions

Strict vigil is to be maintained in all the above States & Districts for next 3-4 days. It is advised that close watch has to be maintained for increased inflows in dams. Releases from any of these reservoirs may be done as per rule curve and standard operating procedure with advance intimation to downstream areas.

Maximum vigil has to be maintained along the rail and road tracks and bridges on these rivers and regulate traffic suitably to avoid any incident. Submergence of low-level cause ways along rivers and railway tracks along flashy rivers is to be monitored closely. All district administrations can take effective measures taking into account the prevailing Covid-19 situation in relief camps being set up in these districts.