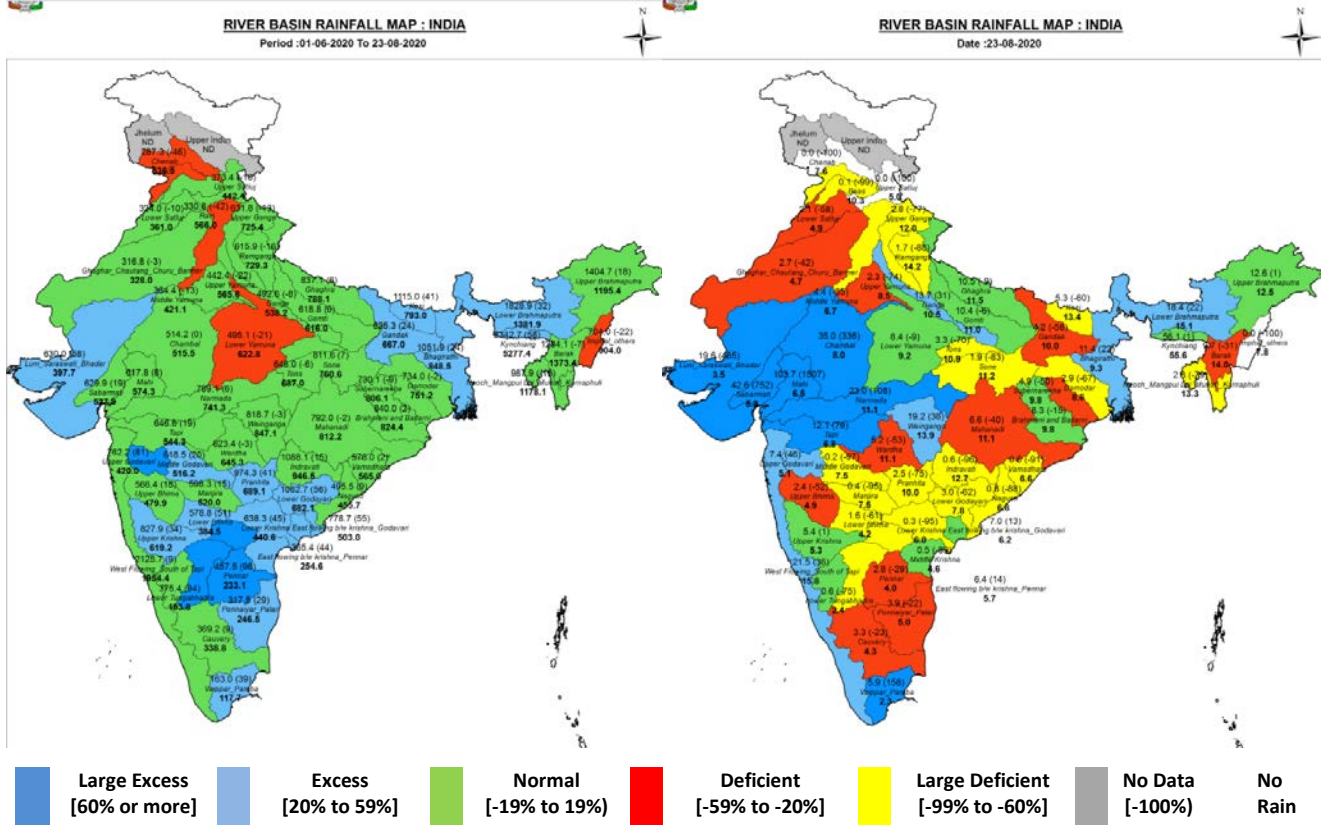




Central Water Commission
Daily Flood Situation Report cum Advisories
23-08-2020

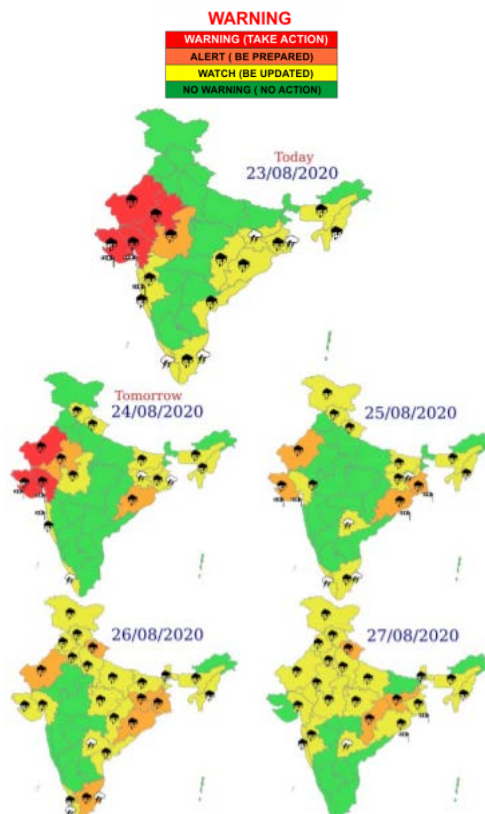
1.0 IMD information

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 23rd August 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 23rd August 2020

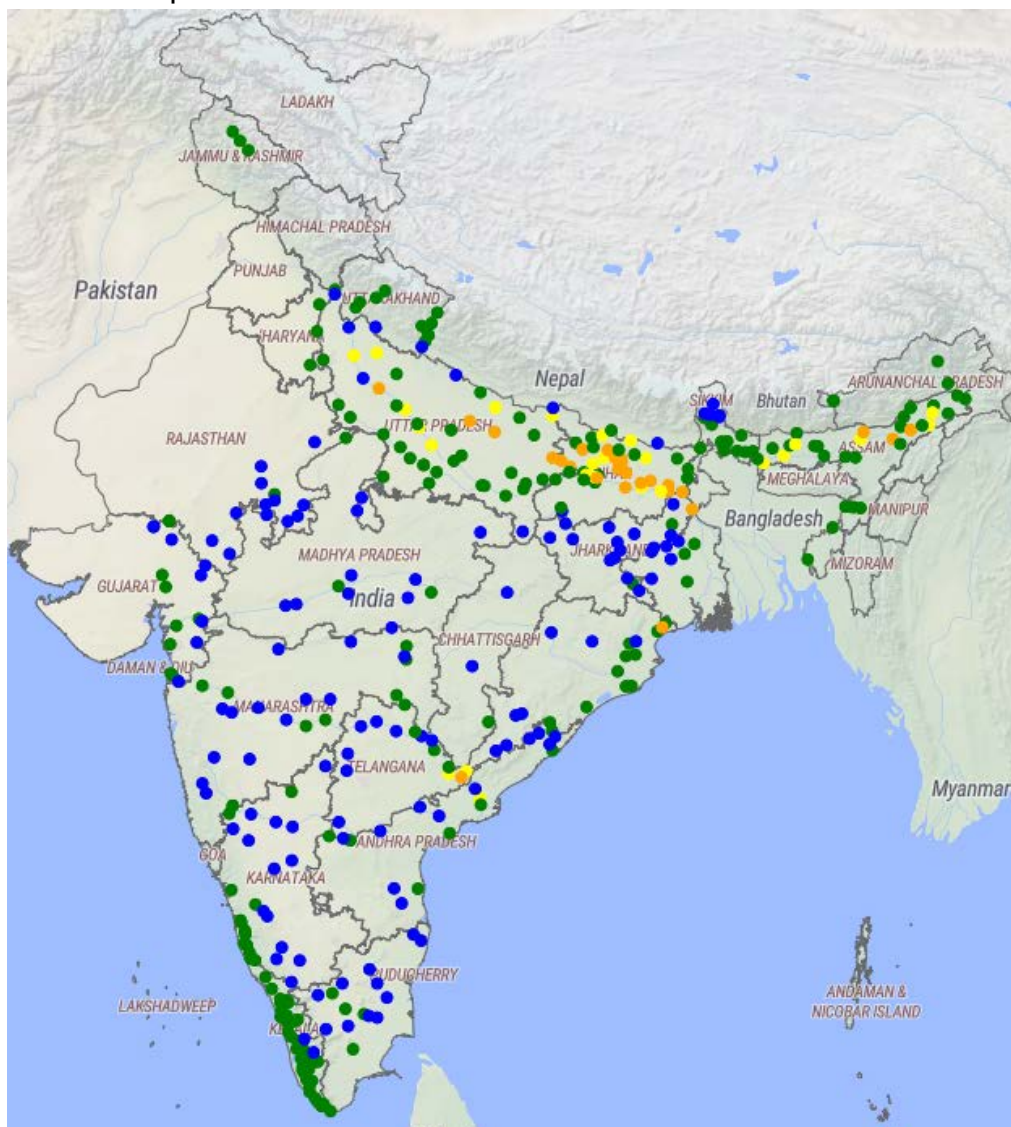
2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd August 2020, 26 Stations (15 in Bihar, 4 in Uttar Pradesh, 3 Assam, 1 each in Andhra Pradesh, Jharkhand, Odisha & West Bengal) are flowing in Severe Flood Situation and 26 stations (9 in Bihar, 7 in Uttar Pradesh, 6 in Assam, 3 in Andhra Pradesh & 1 in Telangana) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 48 Barrages & Dams (10 in Karnataka, 6 in Madhya Pradesh, 5 each in Andhra Pradesh & Jharkhand, 4 in Uttar Pradesh, 3 each in West Bengal, Maharashtra, Tamilnadu & Telangana, 2 each in Chhattisgarh & Rajasthan, 1 each in Gujarat & Odisha).

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))	26
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	26
Total number of sites above Warning Level (A+B+C)		52
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)		48

Details can be seen in link-<http://cwc.gov.in/sites/default/files/dfb202023082020resived.pdf>

2.1.2 Flood Situation Map



2.2 CWC Advisories

- Isolated extremely heavy falls are very likely over Southwest Rajasthan and Gujarat state on 23rd & 24th and over Southeast Rajasthan on today, the 23rd August, 2020. Isolated heavy to very heavy falls very likely over East Rajasthan on 24th & over West Rajasthan on 25th & 26th August, 2020.
- 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 thereafter. Isolated extremely heavy falls are likely over Odisha on 25th August and Isolated Very heavy falls over Gangetic West Bengal and Jharkhand during 25th - 27th August.
- Due to convergence of lower level easterlies from Bay of Bengal and south westerlies from Arabian Sea, rainfall activity is very likely to increase over Northwest India from 25th August: i) Jammu, Kashmir, Gilgit, Baltistan, Muzaffarabad & Ladakh and Himachal Pradesh are very likely to receive fairly widespread rainfall with isolated heavy falls and Uttarakhand isolated heavy to very heavy falls during 25th - 27th August. ii) Punjab, Haryana, Chandigarh & Delhi and Uttar Pradesh are likely to receive fairly widespread rainfall with isolated heavy falls on 26th & 27th August.

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

Isolated extremely heavy falls are very likely over **Southwest Rajasthan & Gujarat** state on **23rd & 24th August** and over **Southeast Rajasthan** on today, the **23rd August**, 2020. Isolated heavy to very heavy falls very likely over **East Rajasthan** on **24th** & over **West Rajasthan** on **25th & 26th August**, 2020. Isolated extremely heavy falls are likely over **Odisha** on **25th August** and Isolated Very heavy falls over **Gangetic West Bengal & Jharkhand** during **25th -27th August**.

River **Chambal & its tributaries** such as **Shipra** are rising rapidly. **Gandhisagar** Dam in **Mandsaur** District of **Madhya Pradesh**, **Gambhiri** Dam in **Chittorgarh** District & **Kalisindh** Dam in **Jhalawar** District of **Rajasthan** is getting heavy inflows due to very heavy rainfall in their catchments. Close watch is to be maintained in Districts of **Ujjain, Ratlam, Sehore, Mandsaur** in **Madhya Pradesh**, **Chittorgarh, Jhalawar** in **Rajasthan** for next 2-3 days.

River **Mahi & its tributaries** are rising rapidly. **Mahi Bajaj Sagar** Dam in **Banswara** District of **Rajasthan** & **Kadana** Dam in **Mahisagar** District in **Gujarat** is getting heavy inflows. 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. 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, Kothagudem** in **Telangana** and **East & West Godavari** in **Andhra Pradesh**.

Close watch is to be maintained in Districts of **Indore, Dhar** of **Madhya Pradesh** as most of the dams in **Narmada** are getting heavy inflows.

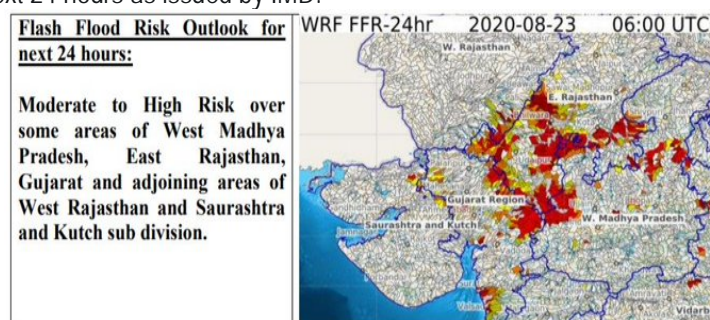
Impact Based Actions

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.

2.3 Flash Flood Guidance

Flash Flood Guidance for next 24 hours as issued by IMD:



3. Flood Alerted Districts

Gujarat:	Districts along Narmada, Tapi, Damanganga, Mahi, Sabarmati and West Flowing Rivers in Kutch
Madhya Pradesh:	Districts along Narmada and Upper Chambal, Mahi
Rajasthan:	Districts along Chambal and its tributaries, Mahi, Sabarmati, West Flowing Rivers including Luni