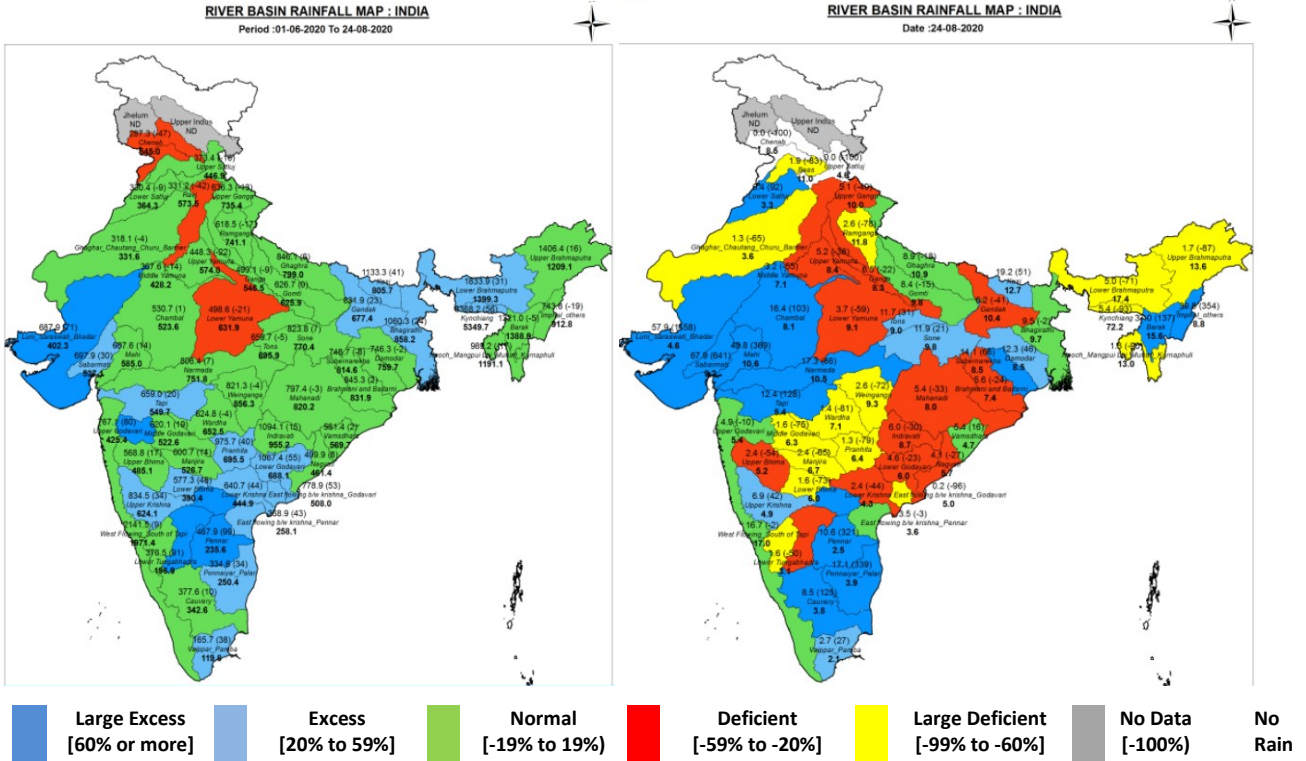




## Central Water Commission Daily Flood Situation Report cum Advisories 24-08-2020

### 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 24<sup>th</sup> August 2020 (Midday) by IMD

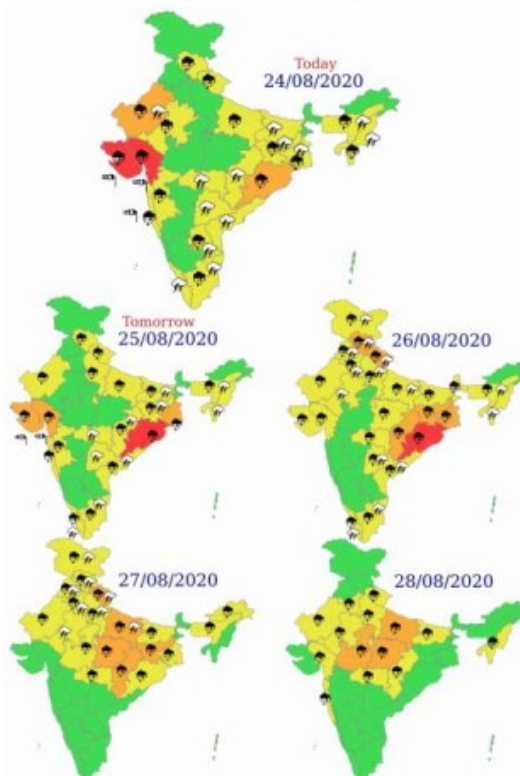
**WARNING**

WARNING (TAKE ACTION)

ALERT (BE PREPARED)

WATCH (BE UPDATED)

NO WARNING (NO ACTION)



2.0 CWC inferences

2.1 Flood Situation on 24<sup>th</sup> August 2020

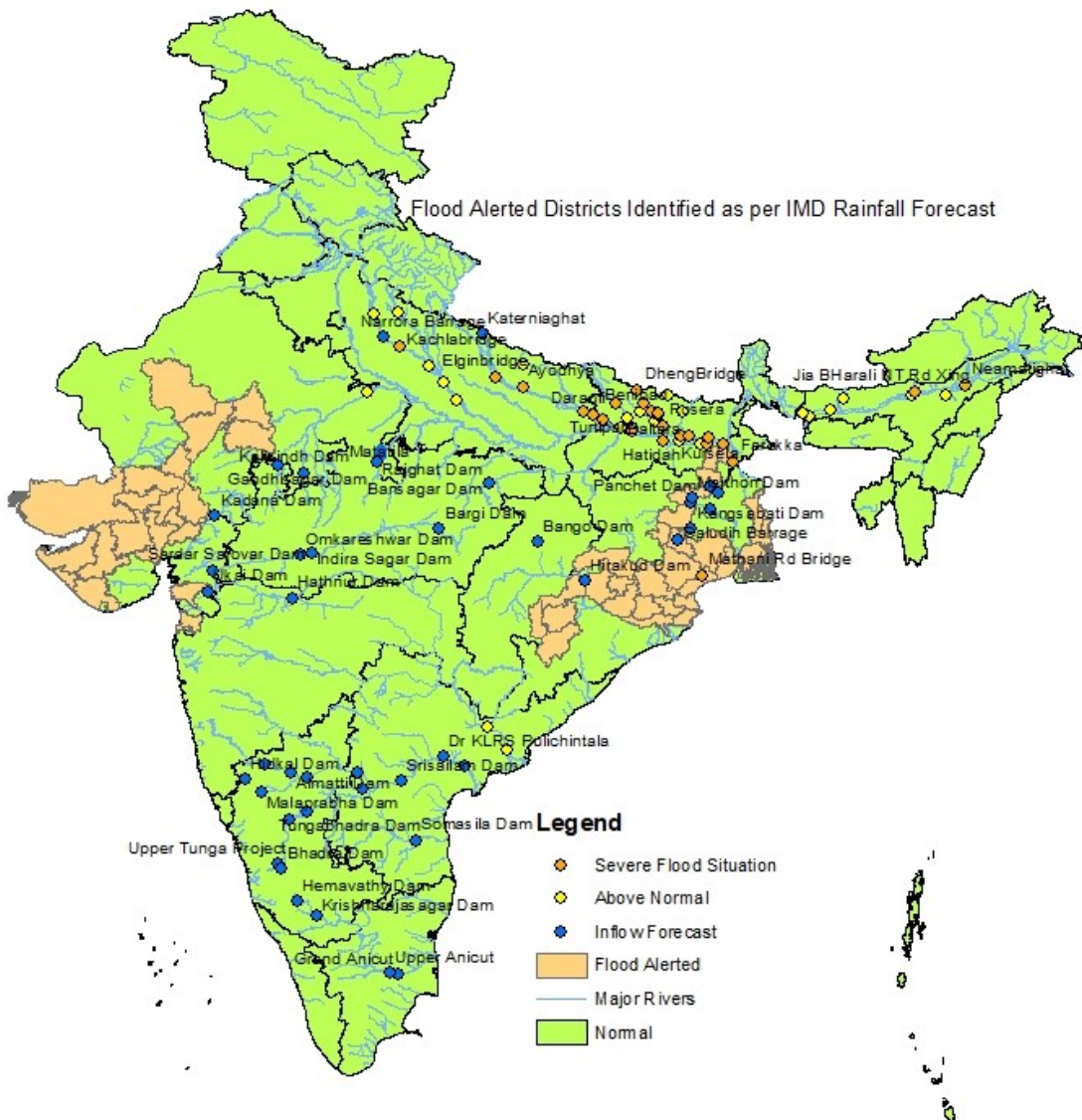
2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 24<sup>th</sup> August 2020, 24 Stations (15 in Bihar, 4 in Uttar Pradesh, 2 Assam, 1 each in Jharkhand, Odisha & West Bengal) are flowing in Severe Flood Situation and 25 stations (10 in Bihar, 6 each in Uttar Pradesh and Assam, 2 in Andhra Pradesh & 1 in Rajasthan) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 44 Barrages & Dams (11 in Karnataka, 6 each in Madhya Pradesh & Andhra Pradesh 4 in Jharkhand, 3 each in Uttar Pradesh, West Bengal & Gujarat, 2 each in Telangana and Tamilnadu, 1 each in Chhattisgarh, Maharashtra, Rajasthan & Odisha).

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	<b>0</b>
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	<b>24</b>
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	<b>25</b>
Total number of sites above Warning Level ( A+B+C)		<b>49</b>
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)		<b>44</b>

Details can be seen in link-[http://cwc.gov.in/sites/default/files/cfcr-cwcdfb24082020\\_5.pdf](http://cwc.gov.in/sites/default/files/cfcr-cwcdfb24082020_5.pdf)

2.1.2 Flood Situation Map



## 2.2 CWC Advisories

- Widespread rainfall with isolated heavy to very heavy falls very likely over Gujarat state and southwest Rajasthan on 24<sup>th</sup> & 25<sup>th</sup> and over southeast Rajasthan on 24<sup>th</sup> August. Isolated extremely heavy falls also very likely over Gujarat state on 24<sup>th</sup> August, 2020.
- Widespread rainfall with isolated heavy to very heavy falls very likely over Odisha, Gangetic West Bengal, Jharkhand during next 3-4 days and over Chhattisgarh, Madhya Pradesh & Rajasthan during 26<sup>th</sup> to 28<sup>th</sup> August. Isolated extremely heavy falls also very likely over Odisha on 25<sup>th</sup> & 26<sup>th</sup> August, 2020.
- Rainfall activity is very likely to increase over Northwest India from 25<sup>th</sup> August onwards with peak intensity on 26<sup>th</sup> & 27<sup>th</sup> August, 2020. Widespread rainfall with isolated heavy to very heavy falls very likely over northwest India during 26<sup>th</sup> to 28<sup>th</sup> August, 2020.

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

Rivers **Subarnarekha, Brahmani, Baitarni, Mahanadi** are expected to rise rapidly due to forecasted rainfall in **Odisha** for the next two days. Increase in inflows into **Chandil Dam, Getlasud Reservoir** in **Jharkhand** is expected. Close watch is to be maintained in **Ranchi, Saraikela Karaswan, Paschimi & Purbi Singhbhum** in **Jharkhand**, **Mayurbanj & Balasore** in **Odisha**.

River **Damodar and its tributaries** are expected to rise sharply due to forecasted rainfall in the Districts of **Dhanbad & Bokaro** in **Jharkhand** and **Bardhaman & Hughly** Districts in **West Bengal**. River **Kangsabati** is expected to rise at **Medhinipur District** in **West Bengal**.

River **Chambal** at **Dholpur** in **Dholpur District** in **Rajasthan** has crossed danger Level and is flowing in Severe Flood Situation. **Gandhisagar Dam** in **Mandsaur District** of **Madhya Pradesh**, **Gambhiri Dam** in **Chittorgarh District** & **Kalisindh Dam** in **Jhalawar District** of **Rajasthan** continues to get inflows above threshold limit. In view of the heavy to very heavy rainfall warnings given from 26<sup>th</sup> - 28<sup>th</sup> August, close watch is to be maintained in Districts of **Ujjain, Ratlam, Sehore, Mandsaur** in **Madhya Pradesh**, **Chittorgarh, Jhalawar, Dholpur** in **Rajasthan** for next 2-3 days.

In view of the heavy to very heavy rainfall warnings given from 26<sup>th</sup> - 28<sup>th</sup> August, in **Mahi basin**, 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.

River **Narmada & its tributaries** are getting increased flows in the lower reaches. **Sardar Sarovar Dam** in **Narmada District** of **Gujarat** is getting increased inflows. Close watch is to be maintained in Districts of **Indore, Dhar** of **Madhya Pradesh** and **Narmada & Bharuch District** of **Gujarat** as most of the dams on River **Narmada** are getting heavy inflows.

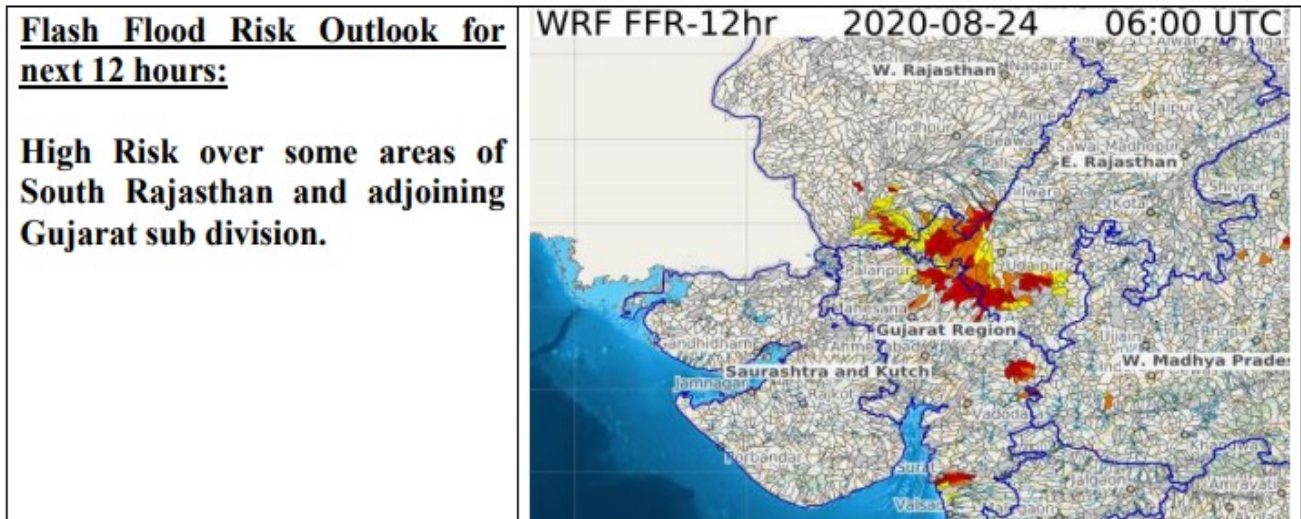
### Impact Based Actions

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 12 hours as issued by IMD:



## 2.4 Storage Position in Dams where Inflow forecast is being issued by CWC as on 24<sup>th</sup> August 2020

S. No.	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Kabini	Kabini Dam	Karnataka	100	No
2	Nira	Veer Dam	Maharashtra	100	Yes
3	Cauvery	Krishnarajasagar	Karnataka	100	No
4	Tungabhadra	Tungabhadra Dam	Karnataka	100	No
5	Purna	Yeldari Dam	Maharashtra	99.42	No
6	Hemavathy	Hemavathy Dam	Karnataka	99	No
7	Ghataprabha	Hidkal Dam	Karnataka	98	No
8	Harangi	Harangi Dam	Karnataka	97	No
9	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	96	Yes
10	Pench	Totladoh Project	Maharashtra	96	Yes
11	Godavari	Sripada Yellampally Dam	Telangana	95.61	Yes
12	Krishna	Srisaillam Dam	Andhra Pradesh	95	Yes
13	Wardha	Upper Wardha Project	Maharashtra	94.69	Yes
14	Som Kamla	Som Kamla Amba Dam	Rajasthan	94.45	Yes
15	Mahi	Mahi Bajajsagar Dam	Rajasthan	94.13	Yes
16	Bhadra	Bhadra Dam	Karnataka	94	No
17	Krishna	Almatti Dam	Karnataka	93	No
18	Mahi	Kadana Dam	Gujarat	92.27	Yes
19	Malaprabha	Malaprabha Dam	Karnataka	92	No
20	Warana	Warana Dam	Maharashtra	92	Yes
21	Narmada	Bargi Dam	Madhya Pradesh	91	No
22	Musi	Musi Project	Telangana	91	Yes
23	Koyna	Koyna Dam	Maharashtra	90	Yes
24	Betwa	Rajghat Dam	Madhya Pradesh	90	No
25	Sone	Bansagar Dam	Madhya Pradesh	89	No
26	Narmada	Barna Dam	Madhya Pradesh	89	No
27	Penganga	Issapur Project	Maharashtra	88.14	Yes
28	Narmada	Tawa Dam	Madhya Pradesh	88	No
29	Hasdeo	Bango Dam	Chhattisgarh	87.8	Yes
30	Gambhiri	Panchana Dam	Rajasthan	85.67	Yes
31	Sindhpana	Manjlegaon	Maharashtra	85.65	No
32	Mula	Mula Dam	Maharashtra	85.52	Yes
33	Krishna	Narayanpur Dam	Karnataka	85	No
34	Kaddamvagu	Kaddam Dam	Telangana	83.85	Yes
35	Brahmani	Rengali Dam	Odisha	82.7	Yes
36	Wainganga	Upper Wainganga Project	Madhya Pradesh	82	No
37	Bhima	Ujjani Dam	Maharashtra	81	Yes
38	Godavari	Sriramasagar	Telangana	80.73	Yes
39	Godavari	Jaikwadi Dam	Maharashtra	78.82	No
40	Krishna	Priyadarshini Jurala Project	Telangana	78	Yes
41	Narmada	Indira Sagar Dam	Madhya Pradesh	78	No
42	Chambal	Gandhisagar Dam	Madhya Pradesh	77	No
43	Mahanadi	Ravishankar Dam	Chattisgarh	76.52	Yes
44	Chambal	Rana Pratap Sagar	Rajasthan	75.77	Yes
45	Tapi	Ukai Dam	Gujarat	73.47	Yes

## 3. Flood Alerted Districts

<b>Gujarat:</b>	Districts along Narmada, Tapi, Damanganga, Mahi, Sabarmati and West Flowing Rivers in Kutch
<b>Madhya Pradesh:</b>	Districts along Narmada and Upper Chambal, Mahi
<b>Rajasthan:</b>	Districts along Chambal and its tributaries, Mahi, Sabarmati, West Flowing Rivers including Luni
<b>Odisha:</b>	Districts along rivers Subarnarekha, Brahmani & Baitarni
<b>Jharkhand:</b>	Districts along river Subarnarekha, Damodar
<b>West Bengal:</b>	Districts along rivers Damodar, Subarnarekha and Kangsabati