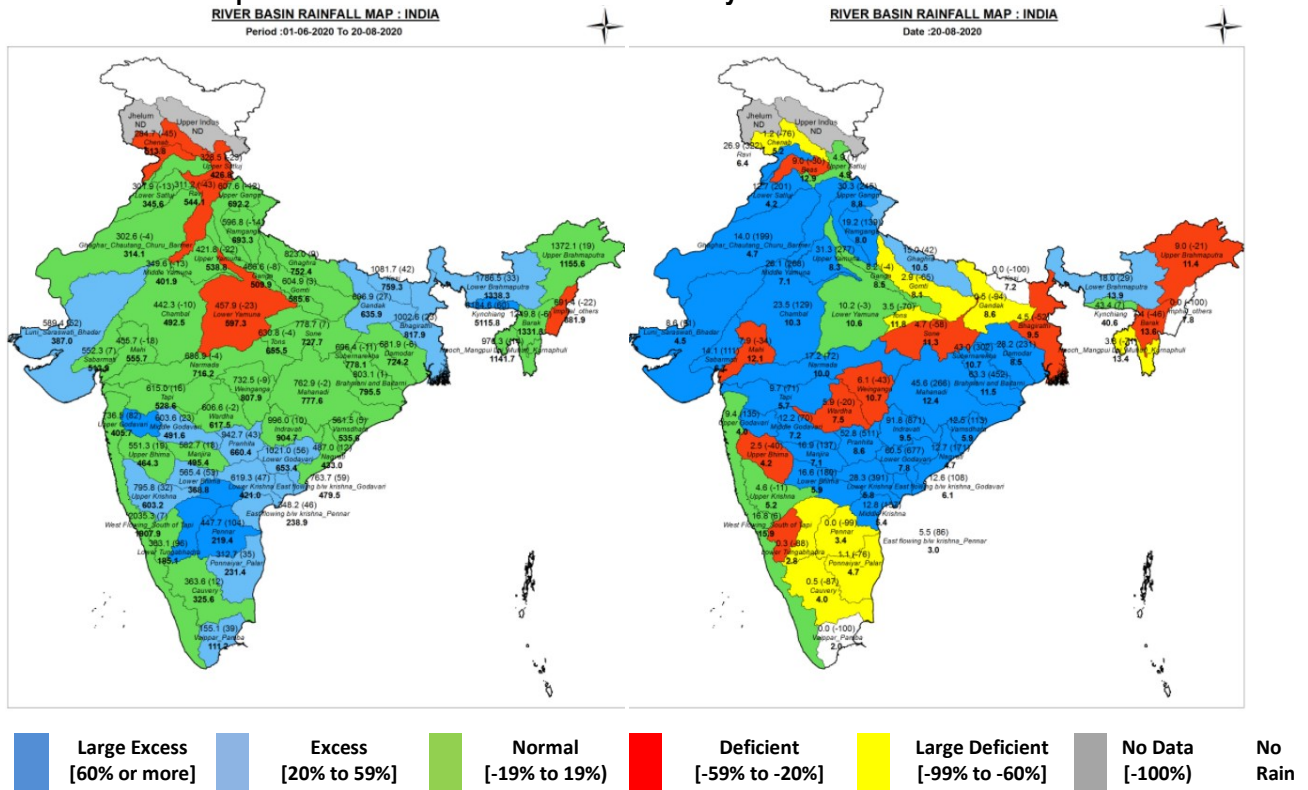




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**20-08-2020**

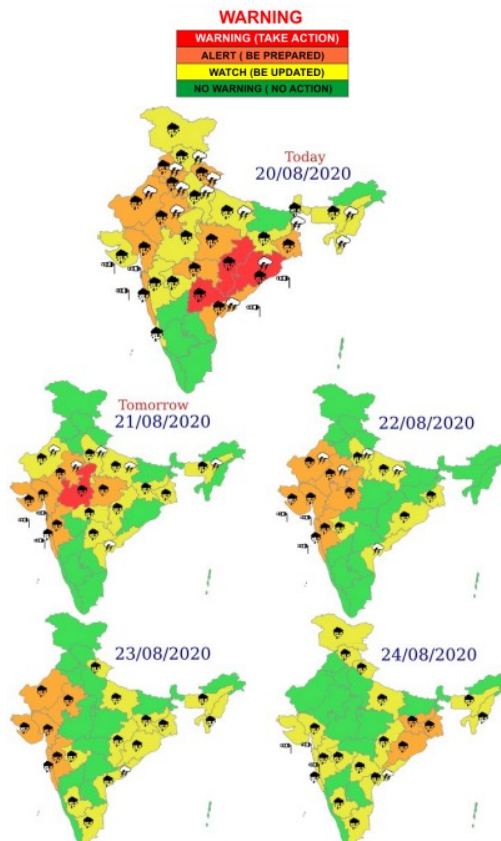
**1.0 IMD information**

**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 20<sup>th</sup> August 2020 (Midday) by IMD**



## 2.0 CWC inferences

### 2.1 Flood Situation on 20<sup>th</sup> August 2020

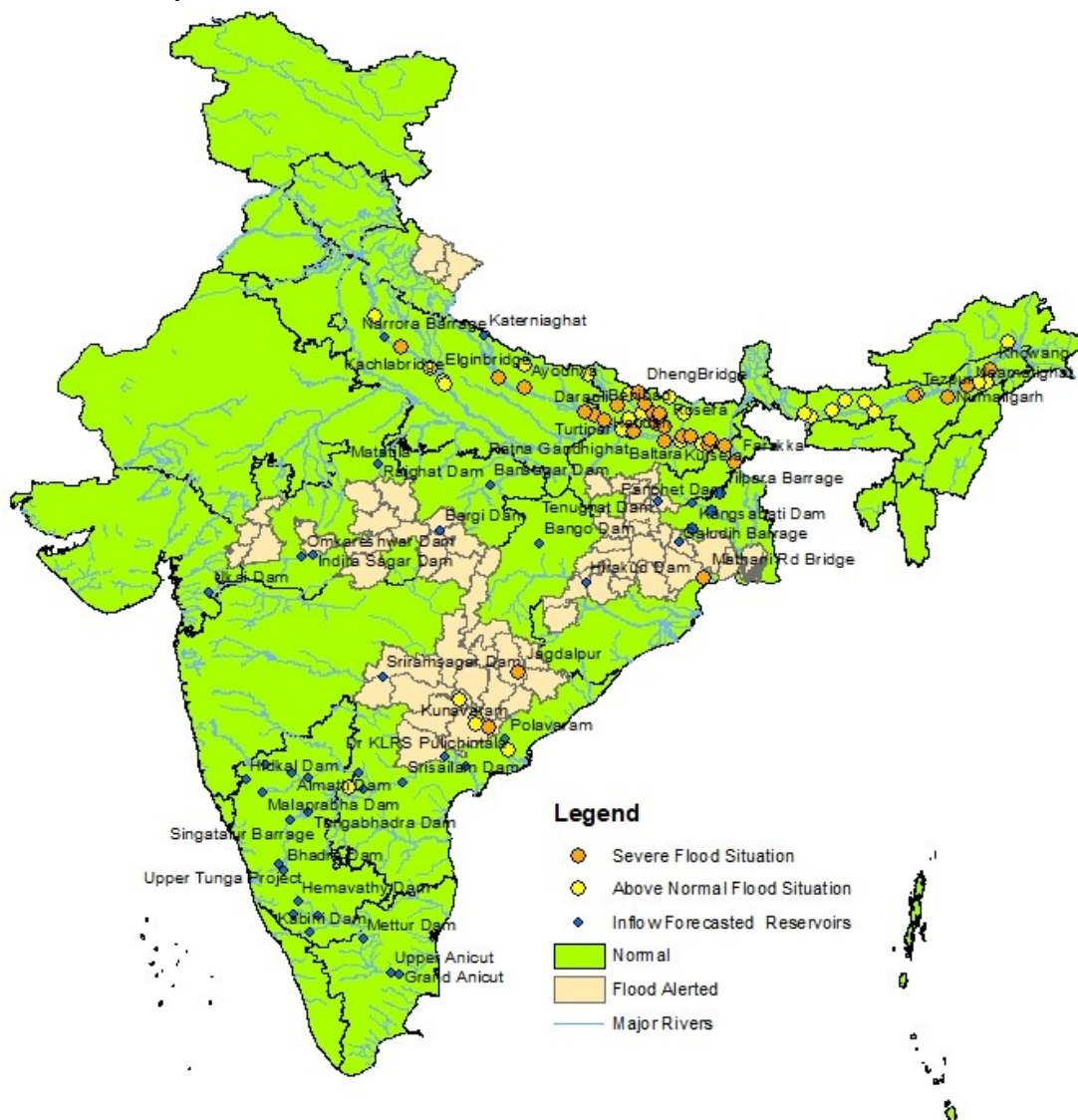
#### 2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 20<sup>th</sup> August 2020, 29 Stations (16 in Bihar, 4 in Assam, 4 in Uttar Pradesh and 1 each in Andhra Pradesh, Chhattisgarh, Jharkhand, Odisha & West Bengal) are flowing in Severe Flood Situation and 30 stations (9 in Assam, 9 in Bihar, 6 in Uttar Pradesh, 3 in Telangana, 2 in Andhra Pradesh and 1 in Arunachal Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 41 Barrages and Dams (13 in Karnataka, 5 each in Andhra Pradesh & Madhya Pradesh, 3 each in Jharkhand, Tamilnadu, Telangana, Uttar Pradesh & West Bengal, 1 each in Chhattisgarh, Gujarat & Odisha).

| PART - I: LEVEL FORECAST   |   |                              |
|--|---|------------------------------|
| S.No.  | Flood Situations  | Numbers of Forecasting Sites |
| <b>A</b>   | Extreme Flood Situation:<br>(Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)                           | <b>0</b>                     |
| <b>B</b>   | Severe Flood Situation:<br>(Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)) | <b>29</b>                    |
| <b>C</b>   | Above Normal Flood Situation:<br>(Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)       | <b>30</b>                    |
| Total number of sites above Warning Level ( A+B+C)   |   | <b>59</b>                    |
| PART - II: INFLOW FORECAST   |   |                              |
| Number of sites for which inflow forecasts issued:<br>(Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage) |   | <b>41</b>                    |

Details can be seen in link- [http://cwc.gov.in/sites/default/files/cfcr-cwcdfb20082020\\_5.pdf](http://cwc.gov.in/sites/default/files/cfcr-cwcdfb20082020_5.pdf)

#### 2.1.2 Flood Situation Map



## 2.2 CWC Advisories

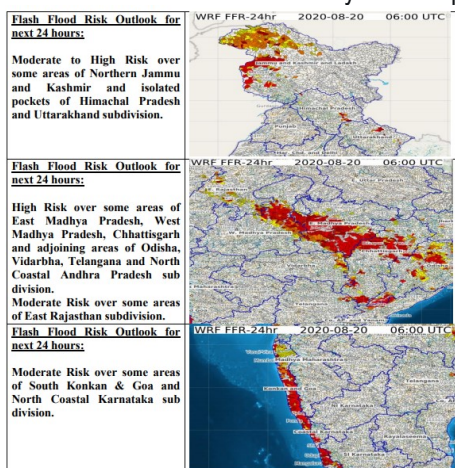
- Widespread rainfall with isolated heavy to very heavy falls very likely over Odisha on today, the 20<sup>th</sup> August; over Chhattisgarh, Madhya Pradesh, Vidarbha and Telangana on 20<sup>th</sup> & 21<sup>st</sup>; over Gujarat and Rajasthan till 23<sup>rd</sup> August, 2020.
- Isolated extremely heavy falls are likely over Odisha, Chhattisgarh & Telangana on today, the 20<sup>th</sup> August; over west Madhya Pradesh on 21<sup>st</sup>; over East Rajasthan on 22<sup>nd</sup> and over Gujarat state on 22<sup>nd</sup> & 23<sup>rd</sup> August, 2020.
- Fairly widespread to widespread rainfall activity with isolated heavy to very heavy falls very likely over northwest India including Western Himalayan region on today, the 20<sup>th</sup> August, 2020 and its intensity & distribution decrease significantly thereafter.

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

- River Godavari & its tributaries** such as **Indravathi** and **Sabari** are likely to rise again due to forecasted rainfall. Close watch is to be maintained in **Districts of Nowrangpur, Koraput, Malkangiri in Odisha, Bastar, Sukma, Narayanpur, Dantewada, Bijapur in Chhattisgarh, Gadchiroli, Chandrapur Districts of Maharashtra.**
- River Krishna & its tributaries** such as **Tungabhadra & Bhima** are expected to continue rising slowly and most of the dams in the basin are expected to release considerable quantity of water due to forecasted rainfall. Close watch is to be maintained in the Districts of **Satara, Kolhapur in Maharashtra, Bagalkot, Vijayapura, Raichur, Belgavi in Karnataka, Jogulamba Gadwal and Nalgonda in Telangana, Kurnool, Guntur and Krishna District of Andhra Pradesh.**
- River Narmada and its tributaries** are expected to rise in **Mandla** as well as downstream of Bargi Dam in **Jabalpur District of Madhya Pradesh** as it is releasing excess water.

### 2.2.8 Flash Flood Guidance

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



### 2.2.9 Storage Position in Dams where Inflow forecast is being issued by CWC as on 20<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      | Purna       | Yeldari Dam             | Maharashtra    | 99.67                     | Yes              |
| 4      | Hemavathy   | Hemavathy Dam           | Karnataka      | 98                        | No               |
| 5      | Cauvery     | Krishnarajasagar        | Karnataka      | 97                        | No               |
| 6      | Narmada     | Bargi Dam               | Madhya Pradesh | 97                        | Yes              |
| 7      | Tungabhadra | Tungabhadra Dam         | Karnataka      | 97                        | No               |
| 8      | Ghataprabha | Hidkal Dam              | Karnataka      | 96                        | No               |
| 9      | Harangi     | Harangi Dam             | Karnataka      | 96                        | No               |
| 10     | Wardha      | Upper Wardha Project    | Maharashtra    | 94.37                     | Yes              |
| 11     | Krishna     | Srisailem Dam           | Andhra Pradesh | 94                        | Yes              |
| 12     | Pench       | Totladoh Project        | Madhya Pradesh | 94                        | Yes              |
| 13     | Godavari    | Sripada Yellampally Dam | Telangana      | 93.06                     | Yes              |
| 14     | Sone        | Bansagar Dam            | Madhya Pradesh | 92                        | Yes              |
| 15     | Bhadra      | Bhadra Dam              | Karnataka      | 91                        | No               |

|    |            |                         |                |       |     |
|----|------------|-------------------------|----------------|-------|-----|
| 16 | Hasdeo     | Bango Dam               | Chattisgarh    | 90.66 | Yes |
| 17 | Malaprabha | Malaprabha Dam          | Karnataka      | 90    | No  |
| 18 | Warana     | Warana Dam              | Maharashtra    | 90    | Yes |
| 19 | Kalisindh  | Kalisindh Dam           | Rajasthan      | 88.87 | Yes |
| 20 | Koyna      | Koyna Dam               | Maharashtra    | 86    | Yes |
| 21 | Krishna    | P D Jurala Project      | Telangana      | 86    | Yes |
| 22 | Betwa      | Rajghat Dam             | Madhya Pradesh | 84    | Yes |
| 23 | Sindhpana  | Manjlegaon              | Maharashtra    | 83.55 | Yes |
| 24 | Gambhiri   | Panchana Dam            | Rajasthan      | 83.48 | Yes |
| 25 | Kaddamvagu | Kaddam Dam              | Telangana      | 82.59 | Yes |
| 26 | Wainganga  | Upper Wainganga Project | Madhya Pradesh | 80    | Yes |
| 27 | Penganga   | Issapur Project         | Maharashtra    | 79.79 | Yes |
| 28 | Som Kamla  | Som Kamla Amba Dam      | Rajasthan      | 77.37 | Yes |
| 29 | Krishna    | Almatti Dam             | Karnataka      | 77    | No  |
| 30 | Tapi       | Ukai Dam                | Gujarat        | 75.06 | Yes |
| 31 | Mula       | Mula Dam                | Maharashtra    | 72.91 | Yes |
| 32 | Chambal    | Rana Pratap Sagar       | Rajasthan      | 72.84 | Yes |
| 33 | Brahmani   | Rengali Dam             | Odisha         | 70.8  | Yes |
| 34 | Godavari   | Jaikwadi Dam            | Maharashtra    | 70.47 | Yes |

Reservoirs shown in red are having gross storage greater than 90%, reservoirs shown in orange are having gross storage greater than 75% and the reservoirs shown in yellow are having gross storage greater than 70%. Close watch has to be maintained at these reservoirs wherever heavy rainfall (Yellow) and Very Heavy Rainfall (Orange) and Extremely Heavy Rainfall (Red) warning in next 24 hours are given (last column of Table above).

### Impact Based Actions

Strict vigil is to be maintained in all the above States & Districts for next 4-5 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.

Breaches in Embankment if any may aggravate further flood like situation which should be monitored and all efforts to fill any such breaches should be done at the earliest. 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.

### 3. Flood Alerted Districts

|                        |   |
|------------------------|---|
| <b>Gujarat:</b>        | Districts along Narmada, Tapi, Damanganga, Mahi   |
| <b>Madhya Pradesh:</b> | Districts along Narmada and Upper Chambal, Wainganga, Tapi                                    |
| <b>Rajasthan:</b>      | Districts along Chambal and its tributaries, Mahi   |
| <b>Maharashtra:</b>    | Districts along West Flowing Rivers in Thane, Godavari, Damanganga, Krishna & its tributaries |
| <b>Telangana:</b>      | Districts along Godavari and its tributaries  |
| <b>Chhattisgarh:</b>   | Districts along Indravathi and its tributaries, Mahanadi & its tributaries                    |
| <b>Odisha:</b>         | Districts along Indravathi, Sabari, Mahanadi and its tributaries                              |