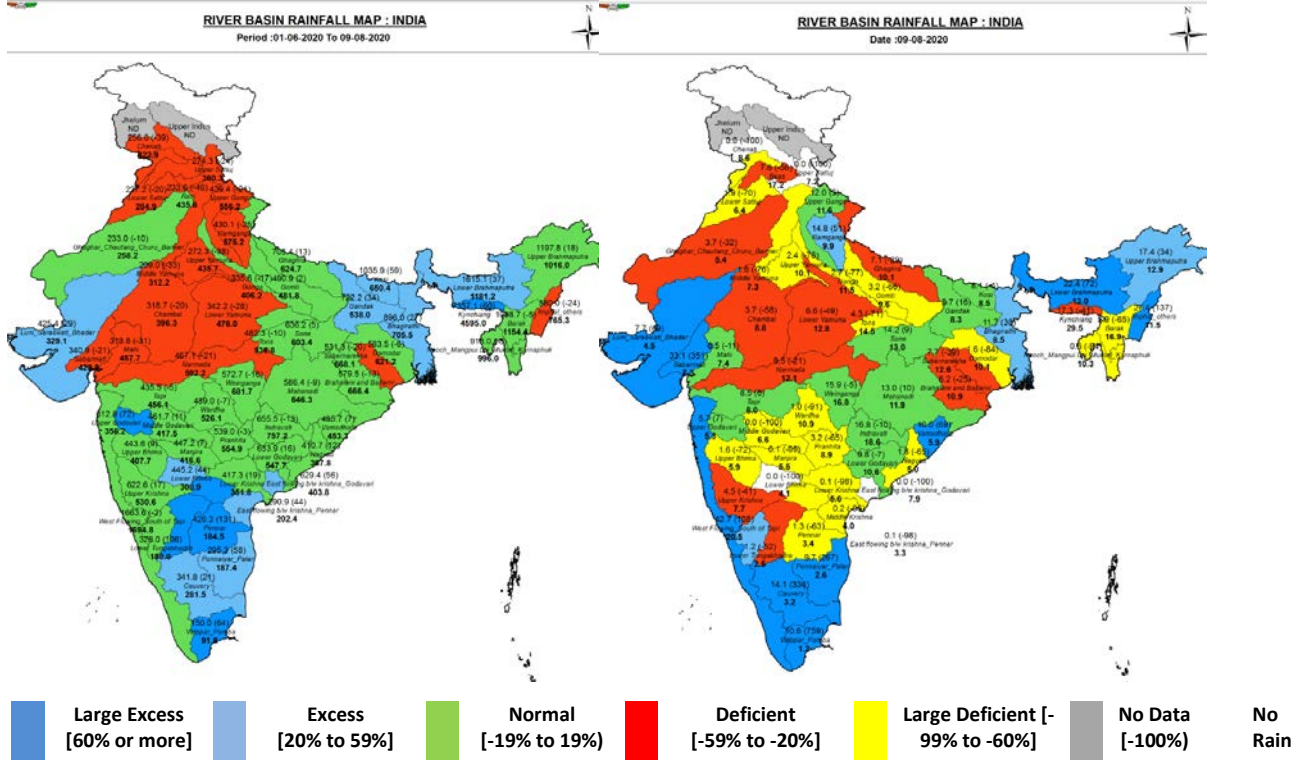




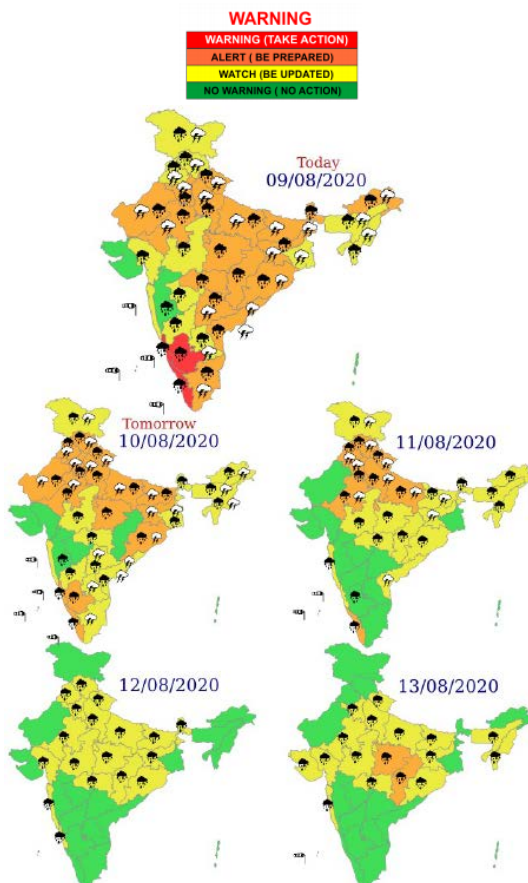
Central Water Commission  
Daily Flood Situation Report cum Advisories  
09-08-2020

1.0 IMD information

1.1 Basin wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 9<sup>th</sup> August 2020 (Middy) by IMD



## 2.0 CWC inferences

### 2.1 Flood Situation on 9<sup>th</sup> August 2020

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

On 9<sup>th</sup> August 2020, 25 Stations (2 in Assam, 16 in Bihar, 2 in Uttar Pradesh, 3 in Kerala, 1 in Jharkhand and 1 in West Bengal) are flowing in Severe Flood Situation and 33 stations (5 in Assam, 11 in Bihar, 5 in Karnataka, 7 in Kerala and 5 in Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 22 Barrages and Dams (Karnataka 11, 2 each in Tamil Nadu and Telangana, 1 each in Uttar Pradesh, Jharkhand, Madhya Pradesh, Andhra Pradesh, Odisha, Kerala and West Bengal).

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>25</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>33</b>
Total number of sites above Warning Level ( A+B+C)		<b>58</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>22</b>

Details can be seen in link :-<http://cwc.gov.in/sites/default/files/dfb202009082020.pdf>

#### 2.2 CWC Advisories

- Heavy to very heavy rainfall with isolated extremely heavy falls very likely to continue over Kerala & Mahe, coastal & south interior Karnataka on today, the 9<sup>th</sup> August and isolated heavy to very heavy on 10<sup>th</sup> August and decrease in intensity thereafter.
- Heavy to very heavy rainfall very likely over Odisha, Chhattisgarh, Vidarbha, Telangana, coastal Andhra Pradesh and East Madhya Pradesh on today, the 9<sup>th</sup> August and decrease in intensity thereafter.
- Rainfall activity over northwest India likely to increase from today onwards with heavy to very heavy rainfall at isolated places very likely over Western Himalayan region and adjoining plains till 12<sup>th</sup> August, 2020.

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

##### 2.2.1 West Coast & Ghat Area along West Coast

###### Karnataka, Telangana, Andhra Pradesh & Tamilnadu

Intensity of rainfall has reduced considerably today and is likely to continue for 1 more day. River Cauvery at Kudige in Kodagu District continues in Severe Flood Situation with falling trend. River Kabini at Muthenkara in Wayanadu District of Kerala and River Hemavathi at Sakleshpur in Hassan District in Karnataka are also falling slowly.

The inflows into all the dams such as Kabini, Harangi and Hemavathi have reduced significantly and accordingly the outflows from these dams have been reduced. Due to combined effect of Harangi, Hemavathi and main river Cauvery, Krishna Raja Sagar Dam in Mandya District is getting the peak inflow now. Since Krishna Raja Sagar Dam is also filled upto 80% of its capacity excess water is being released downstream to Tamilnadu. Due to the releases from Kabini and Cauvery, river Kabini at confluence with Cauvery at T. Narsipur in Mysuru District is flowing in Severe Flood Situation and river Cauvery at Kollegal in Chamarajanagar District is also flowing in Severe Flood Situation. River Cauvery at Biligundulu in Dharmapuri District in Tamilnadu is also flowing in Severe Flood Situation with rising trend. This is likely to increase the flow into Mettur Dam in Salem District of Tamilnadu. Bhavanisagar Dam on river Bhavani is within 2 m of its FRL. Presently inflows has reduced. Since rainfall is expected to continue but with reduced intensity, the flood situation may continue for another 1-2 days. Close watch is to be maintained.

River Tungabhadra is also flowing in Above Normal Situation at Shivamogga in Shivamogga District and the TB Dam in Ballari District is getting inflow of around 3300 cumec. Since dam is 63% filled no spillage is expected.

Due to river flows from upstream areas of river Krishna, Almatti Dam and Narayanpur Dam are getting heavy inflows and since these dams are filled around 80% of the capacity, both the dams are releasing the excess flow. This is being realized at P D Jurala and Srisaillam Dams in Telangana and Andhra Pradesh respectively.

It is advised that close watch has to be maintained for increased inflows likely during the next 2-3 days in view of the heavy rainfall warning. Releases from any of these reservoirs may be done as per rule curve and standard

operating procedure.

## Kerala

Due to continuing very heavy rain in many of the districts of Kerala, Rivers Periyar, Pamba, Bharathapuzha, Kuttayadi flowed in Severe Flood Situation but has started falling slowly. Since rainfall is expected to continue with reduced intensity, the flood situation in these rivers is expected to continue in Above Normal to Severe Flood Situation. Idukki and Edamalar Dam also received heavy inflows in the last two days. However only 54% of the capacity is filled in these two reservoirs, no spillage is expected.

### 2.2.2 Bihar, Jharkhand and Gangetic West Bengal

Many of the rivers in Bihar continue to flow in Severe to Above Normal Flood Situation with falling trend. The situation will continue for another 3-4 days.

## Impact Based Actions

Strict vigil is to be maintained in all the above States & Districts for next 4-5 days. 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 especially along Western Ghat areas. 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 Affected Districts

**Bihar:** Purnia, Katihar, Araria, Madhubani, Darbhanga, Supaul, Khagaria, Sitamarhi, Muzaffarpur, Samastipur, Vaishali, Bhagalpur, Gopalganj, Siwan  
**Karnataka:** Kodagu, Hassan, Chikmagalur, Shivamogga, Uttara Kannada, Udupi and Dakshina Kannada  
**Kerala:** Wayanad, Idukki, Pathanamthitta, Palakkad, Kozhikode, Kottayam, Thrissur

## 4. Flood Alerted Districts

**Karnataka:** Districts along West Flowing Rivers, Cauvery & its tributaries, Tungabhadra & its tributaries  
**Kerala:** Districts along river Periyar, Bharathapuzha, Pamba, Kabini, Valapatnam, Kuttayadi