



**Daily Flood Situation Report cum Advisories**  
**20-08-2019**

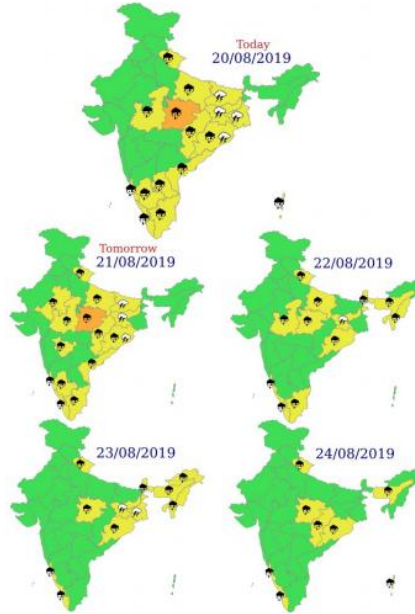
**1.0 IMD information**

**1.1 Rainfall Situation**

**1.1.1 Amount of rainfall recorded at 0830 hours IST of today (5 cm or more) as per IMD**

Name of Place (State)	Rainfall (in cm)
Mau (UP), Tiruchirapalli Airport (TN)	13 each
Haidergarh (UP), Mundlamuru (Andhra Pradesh)	12 each
Aghar (Himachal Pradesh), Addanki (Andhra Pradesh), Hassan (Karnataka)	10 each
Mirzapur (UP), Chandikhol (Odisha)	9 each
Amaraghat (Assam), Khajuraho & Damoh (MP), Sulya (Karnataka), Allagadda & Amadagur (Andhra Pradesh) Vazhapadi & Rayakottah (TN)	8 each
Gotegaon (MP), Hirakud (Odisha), Nawabpet (Telangana), Manki, Humnabad & Koppa (Karnataka), Gantyada, Donapadu & Madanapalle (Andhra Pradesh), Vellore, Lalgudi, Penucondapuram & Perambalur (TN), Kuppady (Kerala)	7 each
Rae Bareli (UP), Shergarh (Rajasthan), Kodur, Darsi & Markapur (Andhra Pradesh), Pochampalli, Paiyur & Uthangarai (TN)	6 each
Bhoranj & Bharari (HP), Bhainsroadgarh & Jayal (Rajasthan), Nainital (Uttarakhand), Fursatganj, Handia, Soroan & Gyanpur (UP), Rewa (MP), Jaipatna & Samakhunta (Odisha), Rudravaram, Oravakal, Atamakur & Anantpur (Andhra Pradesh), Hallimysore & Rayalapadu (Karnataka), Thuvakudi, Kelambakkam, Pallipattu, Poonamalle & Pullambadi	5 each

**1.1.2 Rainfall forecast for next 5 days issued on 20<sup>th</sup> August, 2019 (Midday) by IMD**





**2.0 CWC inferences**  
**2.1 Flood Situations as per actual/ forecasted rainfall situation**

FLOOD SITUATION SUMMARY		
<b>PART - I: LEVEL FORECAST</b>		
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>7</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>23</b>
Total number of sites above Warning Level ( A+B+C)		<b>30</b>
<b>PART - II: INFLOW FORECAST</b>		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		<b>26</b>

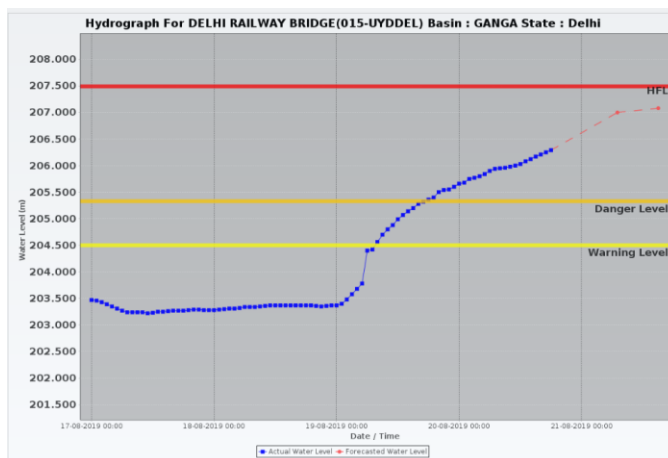
For details please visit: <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-20082019.pdf>



## 2.1.1 Yamuna Basin for States of Himachal Pradesh, Haryana and NCT, Delhi

Due to extremely heavy rainfall in catchment areas of Himachal Pradesh, Uttarakhand and Haryana, river Yamuna and its tributaries Giri, Tons rose sharply on 18<sup>th</sup> August 2019. River Yamuna at Paonta in Sirmour District of Himachal Pradesh flowed in Severe Flood Situation. Downstream of Paonta is the Hathnikund Barrage in Yamunanagar District of Haryana. Peak Flow over Hathnikund Barrage was around 8,28,072 cusec at 1800 hrs .on 18<sup>th</sup> August 2019 after that it started falling and is presently having a discharge of around 25,000 cusec at 1800 hrs on 20<sup>th</sup> August.2019.

Due to the overflow at Hathnikund Barrage, Mawi at Muzzafernagar District, river Yamuna crossed Danger Level of 230.80 m at 1100 hrs on 19<sup>th</sup> August. It is flowing at 231.96 m by 1800 hrs of today with falling trend. River Yamuna at Delhi Railway Bridge in North Delhi District of NCT Delhi is rising. Delhi Railway Bridge is flowing at 206.29 m at 1800 hrs today. Hydrograph is appended.



River Yamuna at Mohna in Faridabad and Rahimpur in Palwal District of Haryana downstream of Delhi Railway Bridge is also rising. Mathura Prayag Ghat in Mathura District is also likely to flow in Severe Flood Situation. Necessary Precautionary measures may be taken in the reach between NCT, Delhi and Mathura.

## 2.1.2 Chambal & Yamuna Basins in Rajasthan & Uttar Pradesh

Due to the water level rise in Chambal in earlier spell, river Yamuna rose at Auraiya in Auraiya District, Kalpi in Jaluan District and Hamirpur in Hamirpur District of Uttar Pradesh and flowed in Above Normal to Severe Flood Situation. Presently, the levels have fallen below warning level in all these districts. However, in view of fresh low pressure area in Madhya Pradesh, Heavy to Very Heavy rainfall has been forecasted for East Madhya Pradesh on 21<sup>st</sup> and 22<sup>nd</sup> in the basins of Sone, Ken & Betwa, there is possibility of increased inflows in dams in these basins. Rajghat Dam is already releasing around 2200 Cumec from 0800 hrs of today and Matatila Dam is releasing also the same amount in the downstream reaches. Proper releases with advance information have to be made to downstream States.

## 2.1.3 Sutlej, Ravi, Beas & Ghaggar Basins

Due to extremely heavy rains in Himachal Pradesh & Punjab during the last 3 days, rivers Sutlej, Ravi, Beas & Ghaggar are continuing to be in flood situation.

## 2.1.4 Krishna Basin in States of Karnataka, Telangana and Andhra Pradesh

As the inflows have reduced significantly, the releases from most of the upstream dams in Maharashtra and Karnataka have been made negligible. However, almost all the dams continue to be around FRL. The same situation is prevailing in

downstream states of Telangana and Andhra Pradesh. Maximum precautions have to be taken for releases from the Dams in case of any rain in their catchment as most of the catchments have been saturated; the runoff may be high for even a small amount of rainfall.

### 2.1.5 Cauvery Basin in States of Kerala, Karnataka and Tamilnadu

As the rainfall has reduced considerably, the outflows from Kabini, Harangi, Hemavathi and KRS Dam have been reduced significantly. However, caution has to be exercised in releasing excess flow as most of the dams are very near or at FRL. Even a moderate rainfall of around 10 to 30 mm may give rise to increased inflows. Mettur Dam will be receiving the inflows from all upstream dams and may get very near to FRL. Proper releases have to be done in case of any heavy releases from upstream dams.

During the last 3 to 4 days heavy to very heavy rain has occurred in various districts of Tamilnadu even though no major flood has been observed in rivers such as Palar and Ponnaiyar basins where these rainfall has occurred, there are localized flooding and inundations in some of the towns like Vellore, Tiruvannamalai, Tiruchirapalli etc.

### 2.1.6 Ganga Basin

River Ganga is flowing in Above Normal to Severe Flood Situation at Kachla Bridge in Badaun District, Ghazipur in Ghazipur District, Ballia in Ballia District of Uttar Pradesh Buxar in Buxar District, Patna Dighaghat, Patna Gandhighat & Hathidah in Patna district of Bihar. River Ghaghra is flowing in Severe to Above Normal flood situation in Barabanki, Faizabad and Ballia Districts of Uttar Pradesh and in Siwan District of Bihar. Indrapuri Barrage in Rohtas District of Bihar on river Sone is discharging around 5,800 cumec which is increasing the flow at Maner on river Sone in Patna District. Due to combined effect of Ganga, Sone, there is likelihood of Ganga at Patna Gandhighat to cross Danger Level and flow in Severe Flood Situation from tomorrow afternoon.

### Flood Affected Districts

**Uttar Pradesh:** Badaun, Barabanki, Faizabad, Ghazipur, Ballia, Lalitpur, Auraiya, Jalaun, Etawah, Hamirpur, Saharanpur, Shamli.

### Flood Alerted Districts

**Haryana:** Districts along river Yamuna downstream of NCT, Delhi.  
**UP:** Districts in Yamuna, Ganga, Ghaghra, Ken and Betwa basins  
**Punjab:** Districts in basins of Sutlej, Ravi, Beas, and Ghaggar  
**Bihar:** Districts in basins of Sone, Ghaghra and main Ganga downstream of Buxar  
**MP:** Districts in Sub-basins of Ken, Betwa & Sone sub-basins



### Flood Affected and Alerted Districts in the Country

