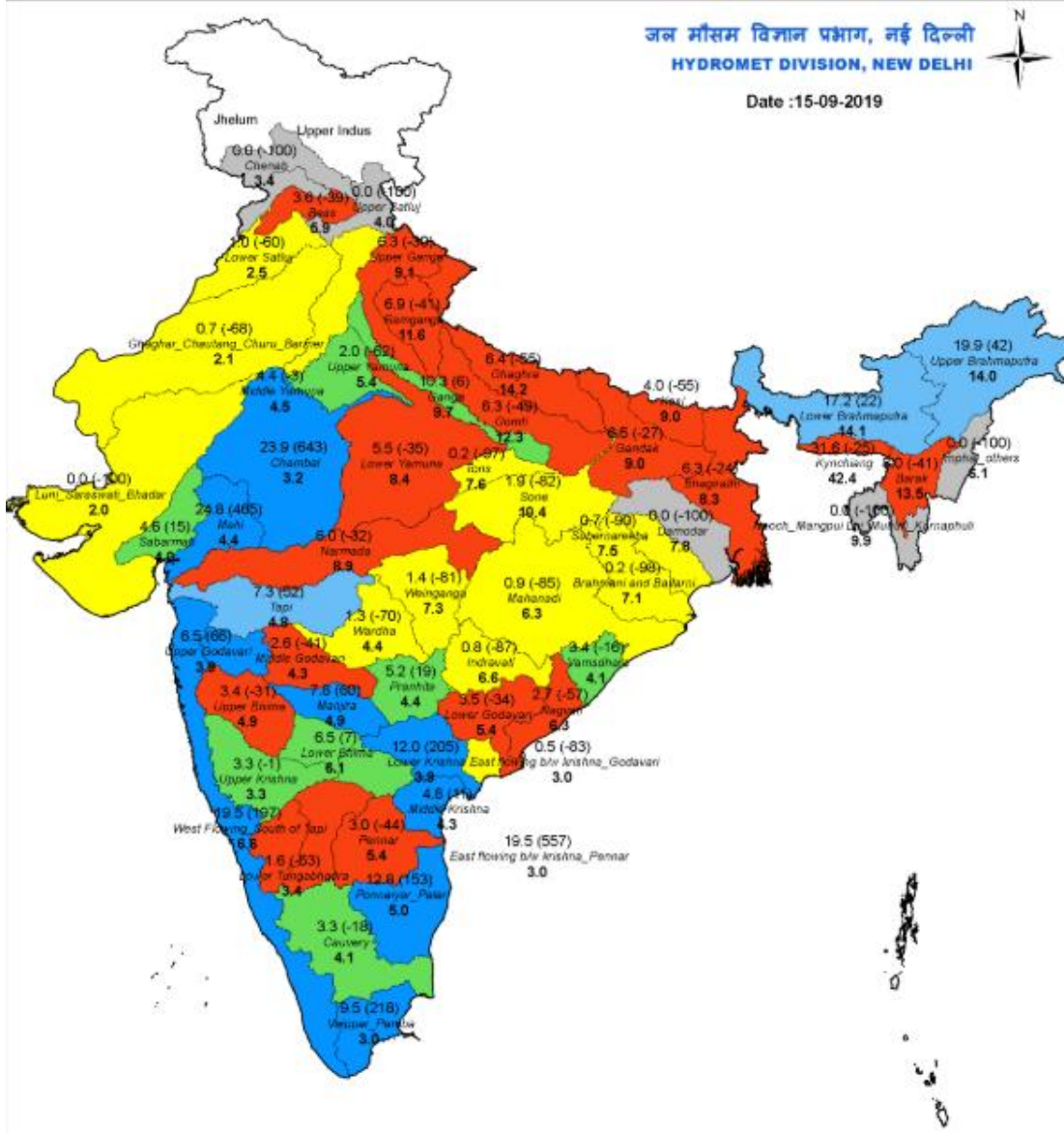




## Daily Flood Situation Report cum Advisories 15-09-2019

- 1.0 IMD information
- 1.1 Rainfall Situation
- 1.1.1 River Basin Rainfall Map for 15<sup>th</sup> September 2019



Large Excess [60% or more]
  Excess [20% to 59%]
  Normal [-19% to 19%]
  Deficient [-59% to -20%]
  Large Deficient [-99% to -60%]
  No Data [-100%]
  No Rain

Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
b) Percentage departures of rainfall are shown in brackets.

विंग-2, द्वितीय तल  
पश्चिमी खंड-2, राम कृष्ण पुरम  
नई दिल्ली-110066  
दूरभाष-011-26106523,26105274,26182836  
ईमेल: [fmdte@nic.in](mailto:fmdte@nic.in)

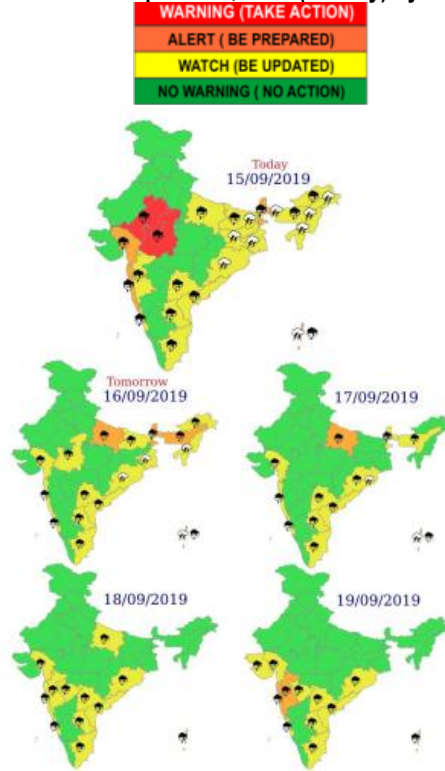
जल संरक्षण- सुरक्षित भविष्य



Wing-2, 2<sup>nd</sup> Floor,  
West Block-2, R K Puram,  
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Conserve Water – Save Life

1.1.2 Rainfall forecast for next 5 days issued on 13<sup>th</sup> September, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation 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>20</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>28</b>
Total number of sites above Warning Level ( A+B+C)		<b>48</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>35</b>

For details please visit: [http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-15092019\\_1.pdf](http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-15092019_1.pdf)

### 2.1.1 Mahi, Narmada, Betwa, Ken & Chambal Basin in Madhya Pradesh, Rajasthan & Gujarat

Due to low pressure area in Madhya Pradesh and adjoining areas of Uttar Pradesh, extremely heavy rainfall is occurring over Madhya Pradesh for the past five days. This is affecting the sub-basins of Chambal, Betwa & Ken (Yamuna Sub-Basin of Ganga Basin) and Mahi Basin. Further, there is forecast of heavy to very heavy rainfall in West Madhya Pradesh & East Rajasthan for next 24 hours. This is likely to sustain the floods in most of the basin mentioned herein.

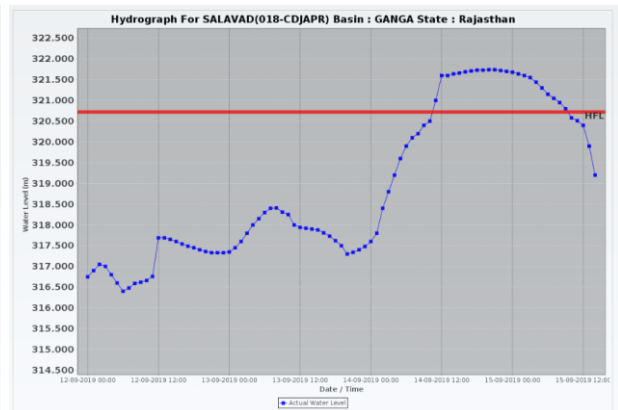
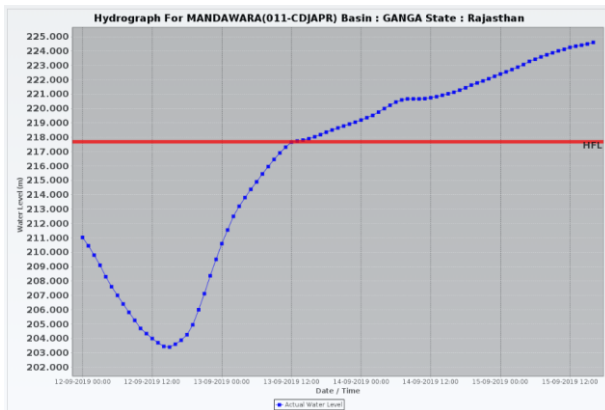
River **Narmada** at Mortakka in Khargone District is flowing in Severe Flood Situation with falling trend. Releases from various Dams starting from upstream in Narmada Basin are given as under:

Dam	River	Date & Time	Outflow in Cumec
Bargi Dam	Bargi	15/09/19 0900	All Gates Closed
Barna Dam	Barna	15/09/19 0800	69
Tawa Dam	Tawa	15/09/19 0800	455
Indira Sagar Dam	Narmada	15/09/19 1100	8800
Omkareshwar Dam	Narmada	15/09/19 0800	1532
Sardar Sarovar Dam	Narmada	15/09/19 0800	19496

Due to releases from Sardar Sarovar Dam, river Narmada at Bharuch in Bharuch District of Gujarat is continuing to flow in Severe Flood Situation and is likely to continue in Severe flood situation for another 1-2 days with slow falling trend.

As inflows into **Rajghat Dam** in Ashoknagar District on river **Betwa** has reduced, it is releasing around 1.39 Lakh cusec of water which is going as inflow into **Matatila Dam** in Uttar Pradesh. Since Matatila Dam is also very near to FRL, the excess water is being released into river Betwa which may affect the districts of Jalaun in Uttar Pradesh.

River **Chambal** was rising in Madhya Pradesh in the districts of Jhabua, Ratlam, Ujjain and Mandsaur. During the last 24 hours, many rainfall stations recorded extremely heavy rainfall. This resulted in heavy inflows which led to the reservoir level abruptly increasing above the FRL from 14<sup>th</sup> September 2019 midnight onwards. On 15<sup>th</sup> September 2019 morning at 0800 hrs, the reservoir Level was at 401.98 m which is almost 2 m above its FRL/Maximum Water Level. The rainfall has reduced significantly after midnight yesterday. Due to which the inflows into the dam has reduced from peak of around 45,000 cumec has reduced to 20620 cumec by 0930 hrs and further reduced to 18798 by 1030 hrs and is steady at the same discharge at 1130 hrs (as given by Dam Authorities). The expected average inflow from 15<sup>th</sup> 0800 hrs to 16<sup>th</sup> 0800 hrs is to be in the order of 10,000 cumec as per inflow forecast issued by CWC. CWC is issuing flood forecast for Gandhisagar Dam as well as advisories for Rana Pratap Sagar, and Kota Barrage. As per CWC 3-day advisory also, the inflows are likely to be in the range of 700 MCM upto 16<sup>th</sup> August, 300 MCM upto 17<sup>th</sup> and 180 MCM on 18<sup>th</sup> August. Rana Pratap Sagar Dam is also flowing above its FRL getting an inflow around 20281 Cumec and releasing around 19238 Cumec at 08:00 Hrs on 15.09.2019. Due to the releases from various dams and the extremely heavy rainfall in catchment area, River Chambal at Mandawara in Kota District of Rajasthan continues to flow in Extreme Flood Situation with rising trend. River Kalisindh at Salavad in Jhalawar District receded below Extreme Flood Situation. Hydrograph is appended.



## 2.1.2 Ganga Basin

Due to continuous releases from reservoirs in Chambal, Ken, Betwa & Sone Basins, river Yamuna is likely to rise all along its course from confluence of Chambal upto Allahabad in Uttar Pradesh during the next 2-3 days. River Yamuna is flowing in Severe Flood Situation In districts of Etawah, Auraiya, Hamirpur, Jalaun, Prattappur and Allahabad District in UP. This rise in river Yamuna will also be felt on river Ganga which is rising all along its course from Allahabad to Patna. River Ganga at Ghazipur in Ghazipur District, Ballia in Ballia District of Uttar Pradesh, Dighaghat & Gandhighat in Patna District of Bihar is flowing in Severe Flood Situation and is likely to rise further. River Ganga at Allahabad, Mirzapur, Varanasi are also expected to flow in Above Normal to Severe Flood in next 3-5 days. Close watch on situation has to be maintained all along the course of these rivers.

## 2.1.3 Brahmaputra Basin

Due to continuous rain in catchment areas of River Brahmaputra and its tributaries, River Brahmaputra is in Severe Flood Situation In Jorhat District and its tributaries Jia-Bharali and Desang in Sonitpur & Sibsagar District are flowing in Severe Flood Situation. River Brahmaputra is flowing in Above Normal Flood Situation in Dibrugarh, Sonitpur and Dhubri districts of Assam and its tributaries, Beki, Puthimari, Gaurang are flowing in Above Normal Flood Situation. As the rainfall is expected to decrease, the levels may start falling slowly.

## 2.2 Flood Alerted Districts

**Madhya Pradesh:** Districts along the course of rivers **Chambal**

**Rajasthan:** Districts along the course of the rivers **Chambal and its tributaries**

**Assam:** Low lying areas along river course of **Brahmaputra** in Jorhat, **Jia-Bharali** in Sonitpur, **Desang** in Sibsagar District

**Uttar Pradesh:** Districts along course of rivers **Yamuna downstream of confluence with Chambal upto its confluence with Ganga at Allahabad. River Ganga** from Allahabad to Ballia, **River Ghaghra** from Barabanki to Ballia

**Bihar:** Districts along course of **River Ganga** from Buxar to Bhagalpur.



### Flood Affected/ Alerted Districts in the Country

