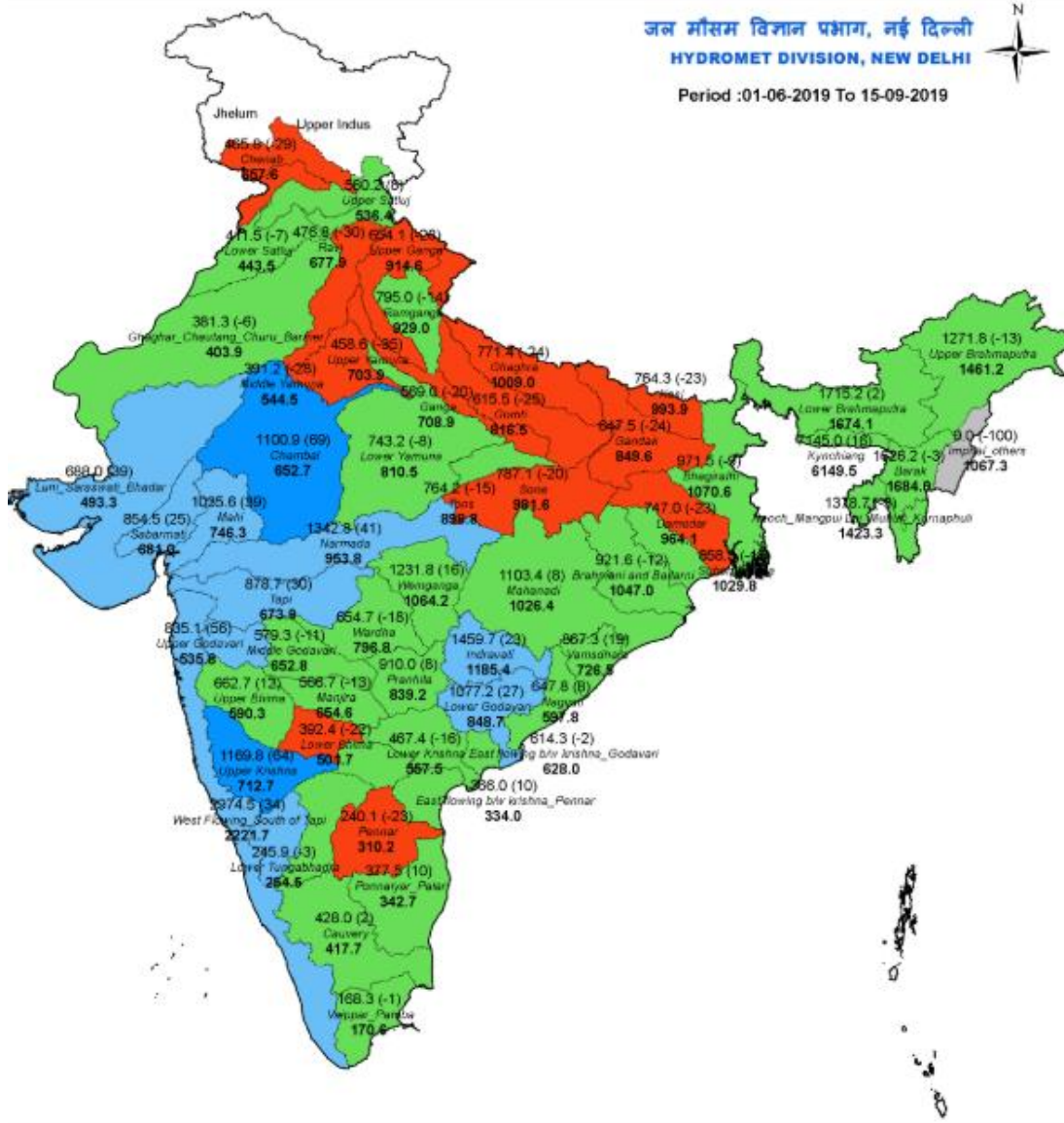




Daily Flood Situation Report cum Advisories 16-09-2019

- 1.0 IMD information
- 1.1 Rainfall Situation
- 1.1.1 River Basin Cumulative Rainfall Map from 1st June to 15th September 2019



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

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

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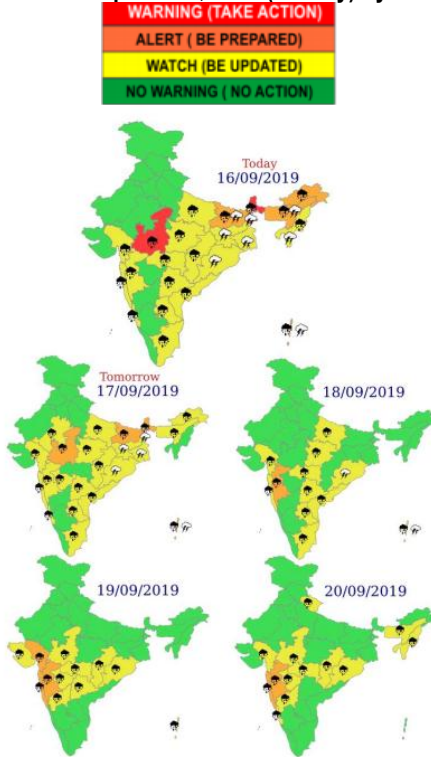


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जल संरक्षण- सुरक्षित भविष्य

Conserve Water – Save Life

1.1.2 Rainfall forecast for next 5 days issued on 16th September, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation as per actual/ forecasted rainfall situation

FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	19
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	32
Total number of sites above Warning Level (A+B+C)		51
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)		30

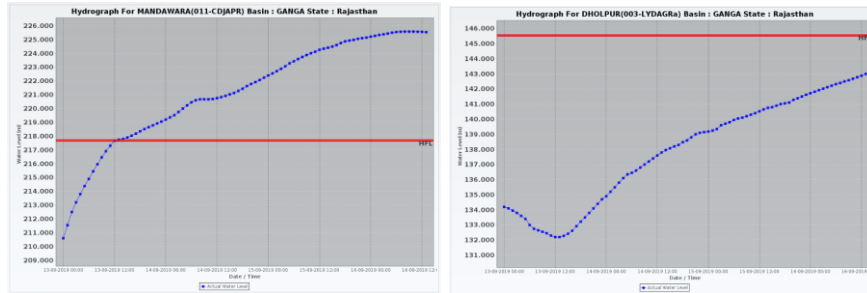
For details please visit: http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-16092019_1.pdf

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

Due to low pressure area in Madhya Pradesh, 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. There is forecast of heavy to very heavy rain at isolated places in West Madhya Pradesh for next 24 hours and then reduction. Close Watch is to be maintained for another 48 hours in wet Madhya Pradesh districts.

The flood situation in Narmada Basin has reduced significantly with inflows into dams having reduced considerably and outflows from reservoirs have also reduced. Narmada is flowing in Severe Flood Situation at Bharuch in Bharuch District of Gujarat. This also likely to fall as the outflows from Sardar Sarovar Dam may also decrease significantly.

River **Chambal** has started falling in the upstream of Gandhisagar Dam which has reduced the stress on Gandhisagar Dam and the Reservoir level has fallen from a peak of 401.98 m yesterday to 401.90 by 1030 hrs on 16th September 2019. The inflows have also reduced to around 8000 cumec and the outflow is maintained around 18,000 cumec to reduce the water level from 401.9 to its FRL. Rana Pratap Sagar Dam is also flowing above its FRL and releasing around 18600 Cumec at 08:00 Hrs on 16.09.2019. Kota Barrage is releasing around 20,000 cumec at 0800 hrs on 16th September 2019. Bisalpur Dam on river Banas, a tributary of Chambal, is releasing around 4,100 cumec. 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 steady trend and at Dholpur in Dholpur District of Rajasthan the river is flowing around 12 m above its Danger Level with rising trend.. Hydrograph is appended.



2.1.2 Ganga Basin

Due to continuous releases from reservoirs in Chambal, Ken, & Betwa Basins, river Yamuna is rising all along its course from confluence of Chambal upto Allahabad in Uttar Pradesh and is likely to continue rising 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, and Gandhighat in Patna District of Bihar is flowing in Severe Flood Situation and is likely to rise further. River Ganga at Allahabad, Mirzapur, and Varanasi are also expected to flow in Severe Flood during 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, and Gaurang are flowing in Above Normal Flood Situation. As the rainfall is expected to decrease, the levels may start falling slowly.

2.1.4 Konkan & Goa and Madhya Maharashtra

There is forecast of Heavy to Very Heavy rainfall in Konkan & Goa and Madhya Maharashtra for 19th to 21st September with isolated heavy rainfall on 17th and 18th September. This rainfall may again increase the flow in West Flowing Rivers and in Upper Krishna, Upper Bhima and Upper Godavari Basin. Since most of the reservoirs in these basins are very near to FRL, SOP for release from reservoirs have to be done with proper notification to all downstream areas and lower riparian states before releasing water.



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

