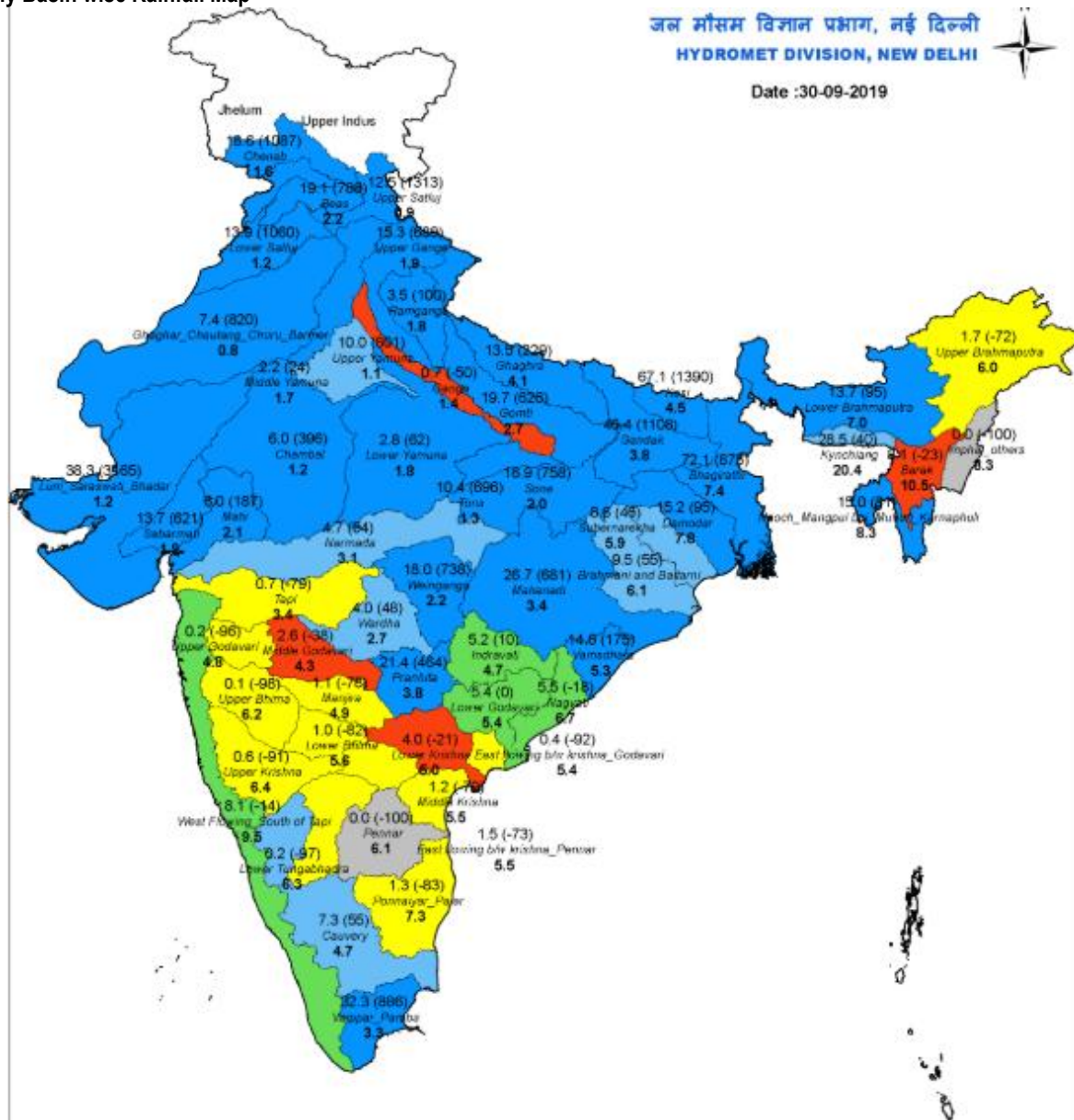




Daily Flood Situation Report cum Advisories 30-09-2019

- 1.0 IMD information
- 1.1 Rainfall Situation
- 1.1.1 Daily Basin wise Rainfall Map



■ 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.

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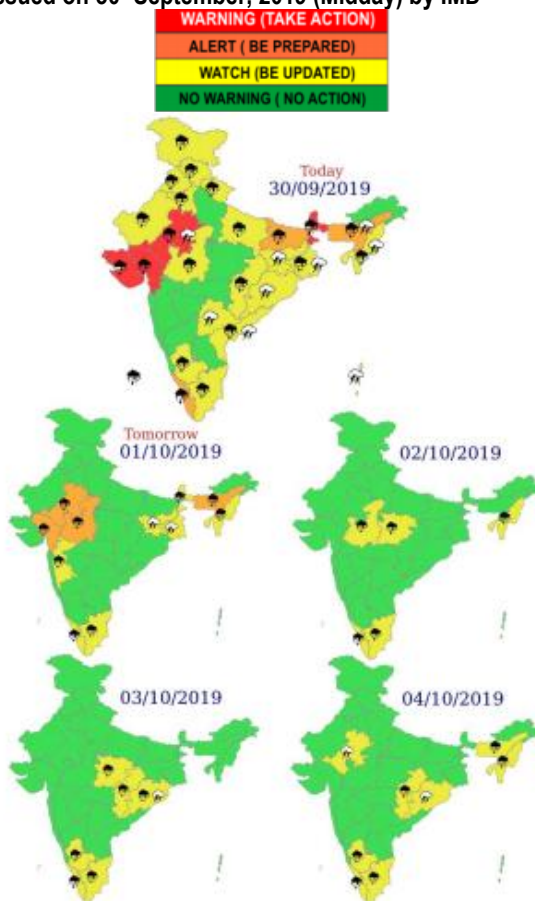


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1.2 Rainfall forecast for next 5 days issued on 30thSeptember, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situations per actual/ forecasted rainfall situation

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))	23
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	17
Total number of sites above Warning Level (A+B+C)		40
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)		32

For Details Please Visit- <http://cwc.gov.in/sites/default/files/cfcr-cwdfb-30092019.pdf>

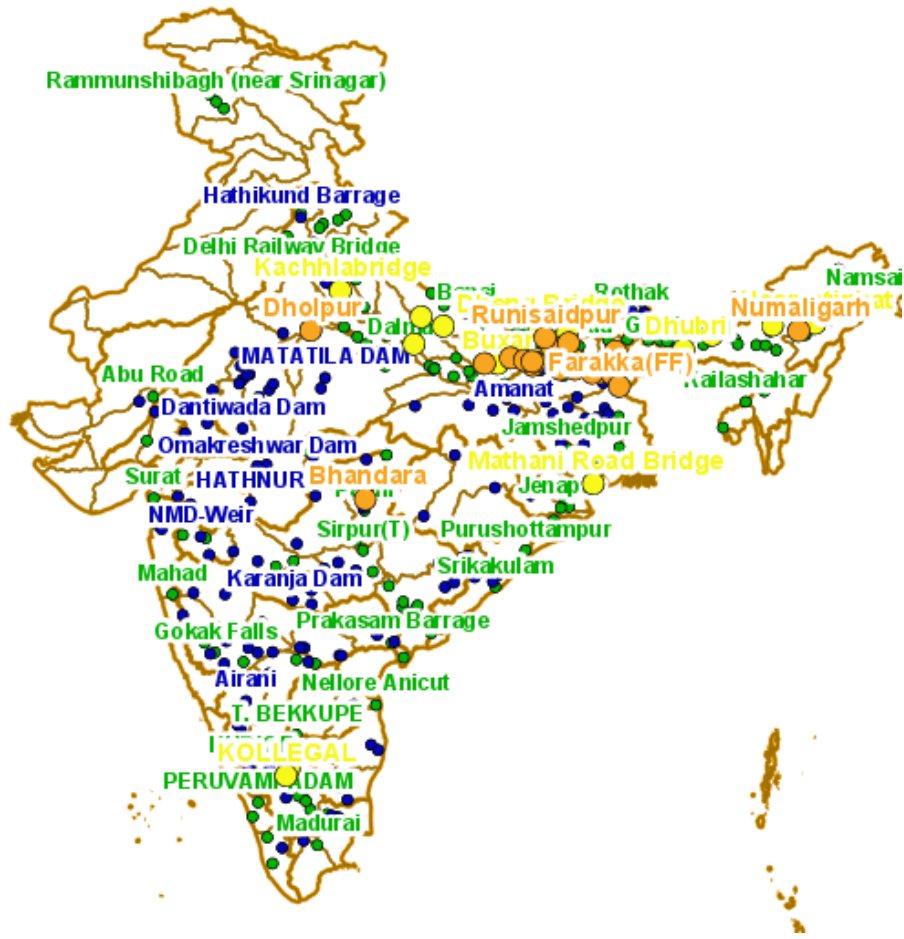
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2.1.1 Bihar

There is forecast of heavy to very heavy rainfall in Bihar for next 24 hours then rapid reduction in rainfall is forecasted for Bihar.

Significant amount of rainfall has been recorded in Bihar which includes Rosera 25 cm, Udai & Kishanganj 24 cm, Baltara 22 cm and Chargaria 20 cm. Many of the rivers in North Bihar has started rising and are very close to Danger Level or crossed Danger Level. Rainfall departure from daily normal is of the order of more than 500% in Sone, Gandak, Kosi sub-basin with a peak of 1390% in Kosi sub-basin of Ganga Basin during the past 24 hours.

River Bagmati is flowing in Severe Flood Situation and is expected to slowly fall at Dheng Bridge, Runisaidpur in Sitamarhi District and Benibad in Muzzafarpur District. River Kamla Balan at Jhanjarpur in Madhubani District is flowing above Danger Level and is expected to remain steady for some time and then fall. River Mahananda at Dhengragahat in Purnia District and Jhawa in Katihar District are expected to cross Danger Level. River Burhi Gandak at Khagaria and River Kosi at Kursela in Katihar District are also flowing in Severe Flood Situation with slow rising trend.

River Ganga is flowing in Severe Flood Situation at Buxar and has started rising again in view of extremely heavy rainfall in Uttar Pradesh in Lucknow, Rae-Bareilly, Jaunpur, Allahabad to Varanasi Districts. River Ganga at Dighaghat, Gandhighat, Hathidah, Munger, Bhagalpur and Kahalgaon in the districts of Patna, Begusarai, Munger and Bhagalpur respectively are continuing in Severe Flood Situation due to previous flood wave and are likely to slowly rise in view of the fresh spell of rainfall. **As there is likely hood of rapid reduction in rainfall**, there is likelihood of continuance of severe flood in main Ganga for another 3 to 4 days with slow falling trend.

River Ganga at Patna Gandhighat is flowing at 49.61 m at 1800 hrs with rising trend which is 1.01 m above its Danger Level and is expected to remain steady by tomorrow morning. At Munger, the river is flowing 39.52 m at 1800 hrs with steady trend which is 0.19 m above its Danger Level

and is expected to rise to 39.60 m by tomorrow morning. At Bhagalpur, the river is flowing at 34.34 m with rising trend at 1800 hrs which is 0.66 m above its Danger Level and is expected to rise to 34.42 m by tomorrow evening. At Kahalgaon, the river is flowing at 32.20 m which is 1.11 m above its Danger Level and is expected to rise to 32.35 m by tomorrow night which will be 0.52 m below its Highest Flood Level.

Due to continuous very heavy rain for three days amounting to about 27 cm in Patna, there is flood like situation as the river Ganga is in Severe Flood Situation, the local drains are not able to drain freely into the Ganga which is creating urban flood like situation in Patna City and its suburban areas. As the rainfall is likely to reduce rapidly, situation is likely to improve as the water level in the River Ganga falls. However maximum vigil along the rivers as well as urban drains has to be maintained for sudden flood like situation in association with intense rain spells during the warning period.

2.1.2 Uttar Pradesh

Very heavy to Extremely heavy rains occurred in East Uttar Pradesh in the districts of Lucknow, Kanpur, Rae-Bareilly, Jaunpur and Ballia. River Sei at Rae-Bareilly and river Gomti at Jaunpur rose sharply and were flowing in Above Normal Flood Situation. As the rainfall has reduced rivers have started falling and are likely to fall further to normal. River Ganga has started falling in Ghazipur and steady in Ballia districts.

2.1.3 Jharkhand and West Bengal

River Ganga at Sahebganj in Sahebganj District of Jharkhand and Farakka in Murshidabad District of West Bengal are also flowing in Severe Flood Situation and are expected to slowly rise in view of very heavy rainfall in its catchment areas.

2.1.3 Brahmaputra Basin

River Dhansiri (S) in Golaghat District is flowing in Severe Flood Situation with falling trend. River Brahmaputra in Jorhat, Sonitpur and Dhubri Districts of Assam and its tributaries Desang, Jia-Bharali and Beki in Districts of Sibsagar, Sonitpur and Barpeta respectively are also flowing in Above Normal Flood Situation. As the rainfall is likely to reduce, the river levels are likely to fall slowly in all basins.

2.1.4 Gujarat

Heavy to very heavy rains have occurred in Saurashtra and Kutch with a maximum rainfall of around 33 cm in Devbhumi Dwarka District. Since very heavy rains have occurred in most of the districts, strict vigil has to be maintained in Saurashtra regions as most of the dam in Kutch, Amreli, Bhavnagar, Botad, Devbhumi Dwarka, Morbi are in high alert stage, maximum vigil has to be maintained for safety of structure as well as any overflow from small dams which may cause severe flooding in downstream areas. There is forecast of heavy to very heavy rainfall with isolated extremely heavy rainfall at many places in Gujarat and East Rajasthan for next 24 hours. All the dams in the region are near to FRL; hence, releases should be made as per Standard Operating Procedure and after proper warning for downstream areas.

2.2 Flood Affected Districts

Uttar Pradesh: River Ganga from Allahabad to Ballia, River Ghaghra from Barabanki to Ballia
Bihar: Districts along course of River Ganga from Buxar to Bhagalpur
Jharkhand: Sahebganj District along river Ganga
West Bengal: Malda and Murshidabad along river Ganga
Gujarat: Kutch, Amreli, Bhavnagar, Botad, Devbhumi Dwarka & Morbi



Flood Affected/Alerted Districts in the Country

