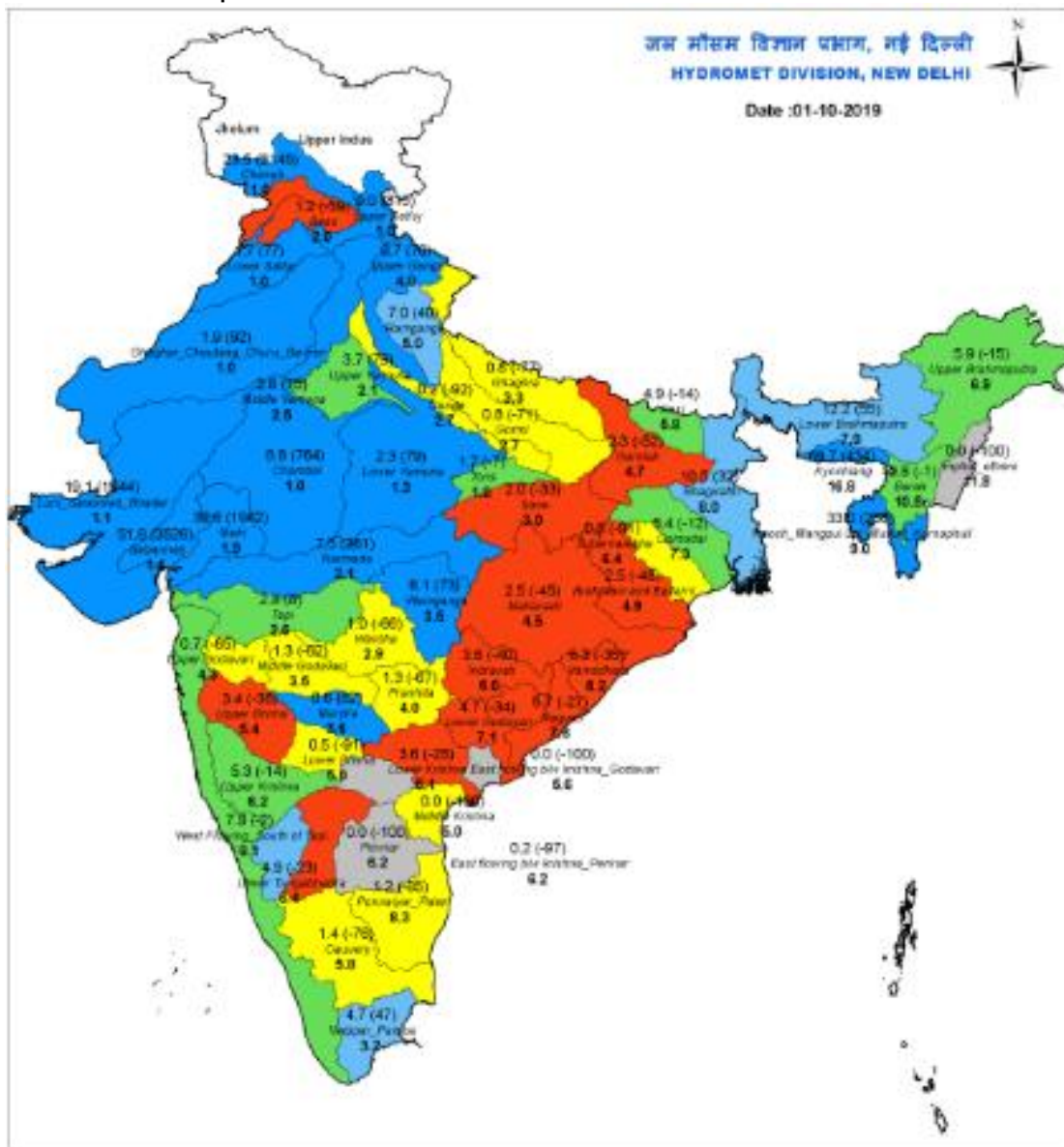


Daily Flood Situation Report cum Advisories 01-10-2019

- 1.0 IMD information
- 1.1 Rainfall Situation
- 1.1.1 Daily Basinwise 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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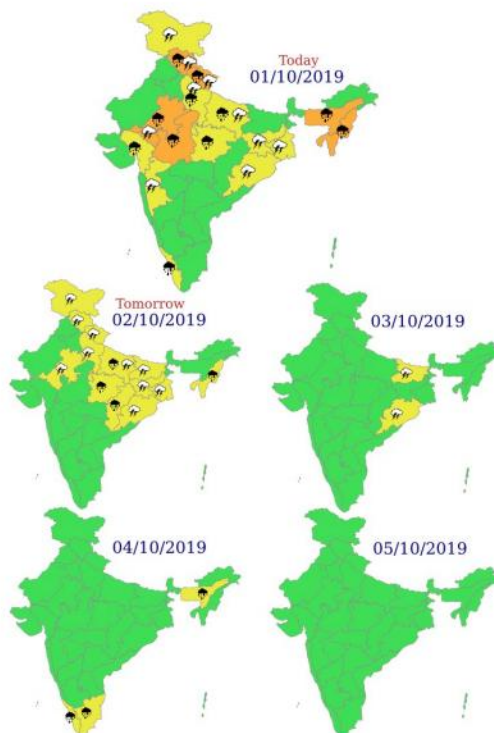
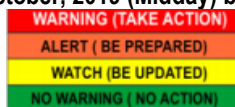
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1.2 Rainfall forecast for next 5 days issued on 1st October, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situations as 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))	21
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	21
Total number of sites above Warning Level (A+B+C)		42
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)		31

For Details Please Visit-http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-01102019_0.pdf

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2.1.1 Bihar

There is no significant rain in Bihar today. All rivers are reaching the peak and are expected to fall very slowly as there is significant reduction in rainfall and the forecast also indicates only isolated thunderstorms in Bihar for next 2 days.

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 Dhengraghat 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 Dighaghat, Gandhighat, Hathidah, Munger, Bhagalpur and Kahalgaon in the districts of Patna, Begusarai, Munger and Bhagalpur respectively and is likely to slowly fall upto Gandhighat, slowly rise at Hathidah, Munger, Bhagalpur and Kahalgaon.

River Ganga at Dighaghat is flowing in 50.89 m at 1700 hrs which is 0.45 m above its Danger Level and is expected to fall to 50.81 m by tomorrow morning, at Patna Gandhighat is flowing at 49.65 m at 1700 hrs with steady trend which is 1.05 m above its Danger Level and is expected to fall to 49.6 m by tomorrow morning. At Hathidah, it was flowing at 42.72m with rising trend and is expected to rise to 42.75 m by tomorrow morning. At Munger, the river is flowing 39.57m at 1800 hrs with steady trend which is 0.24 m above its Danger Level and is expected to rise to 39.59 m by tomorrow morning. At Bhagalpur, the river is flowing at 34.41 m with rising trend at 1800 hrs which is 0.66 m above its Danger Level and is expected

to rise to 34.44 m by tomorrow evening. At Kahalgaon, the river is flowing at 32.30 m which is 1.21 m above its Danger Level and is expected to rise to 32.36 m by tomorrow night which will be 0.51 m below its Highest Flood Level.

Due to continuous very heavy rain for three days amounting to about 27 cm in Patna upto 30th September, 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 has reduced rapidly, situation is likely to improve as the water level in the River Ganga has started falling. 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 normal. River Ganga has started falling in Ghazipur and is now flowing in Above Normal Flood Situation. It is continuing in Severe Flood Situation at Ballia with falling trend.

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, West Madhya Pradesh & Rajasthan

Heavy to very heavy rains at a few places and extremely heavy rains have occurred at isolated places in Saurashtra, Kutch, Gujarat and Eastern Rajasthan during the past 24 hours. Sabarmati catchment has recorded very heavy to extremely heavy rainfall due to which Dharoi Dam in Mehsana District is getting inflows. Som Kamla Amba Dam on river Som in Dungarpur District is flowing 1 m above its FRL and is getting heavy inflows around 2000 cumec. As the rainfall belt is shifting to Eastern Rajasthan in the districts of Rajasmund, Bhilwara, Chittorgarh, Bundi and Kota, maximum vigil is to be maintained in the dams in these districts as major dams such as Bisalpur Dam are at FRL. Even though rainfall has reduced in Saurashtra region, 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 in West Madhya Pradesh 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.

2.1.5 Uttarakhand

There is forecast of very heavy rainfall in Uttarakhand for next 24 hours. This may create in some flash flood in association with cloud burst and landslides in hilly regions. Strict vigil for local flash floods in hilly districts have to be maintained.

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, Radhanpur, Morbi, Sabarkanta & Mehsana
Rajasthan:	Udaipur, Dungarpur districts along rivers Mahi, Sabarmati and Banas (West Flowing River)

