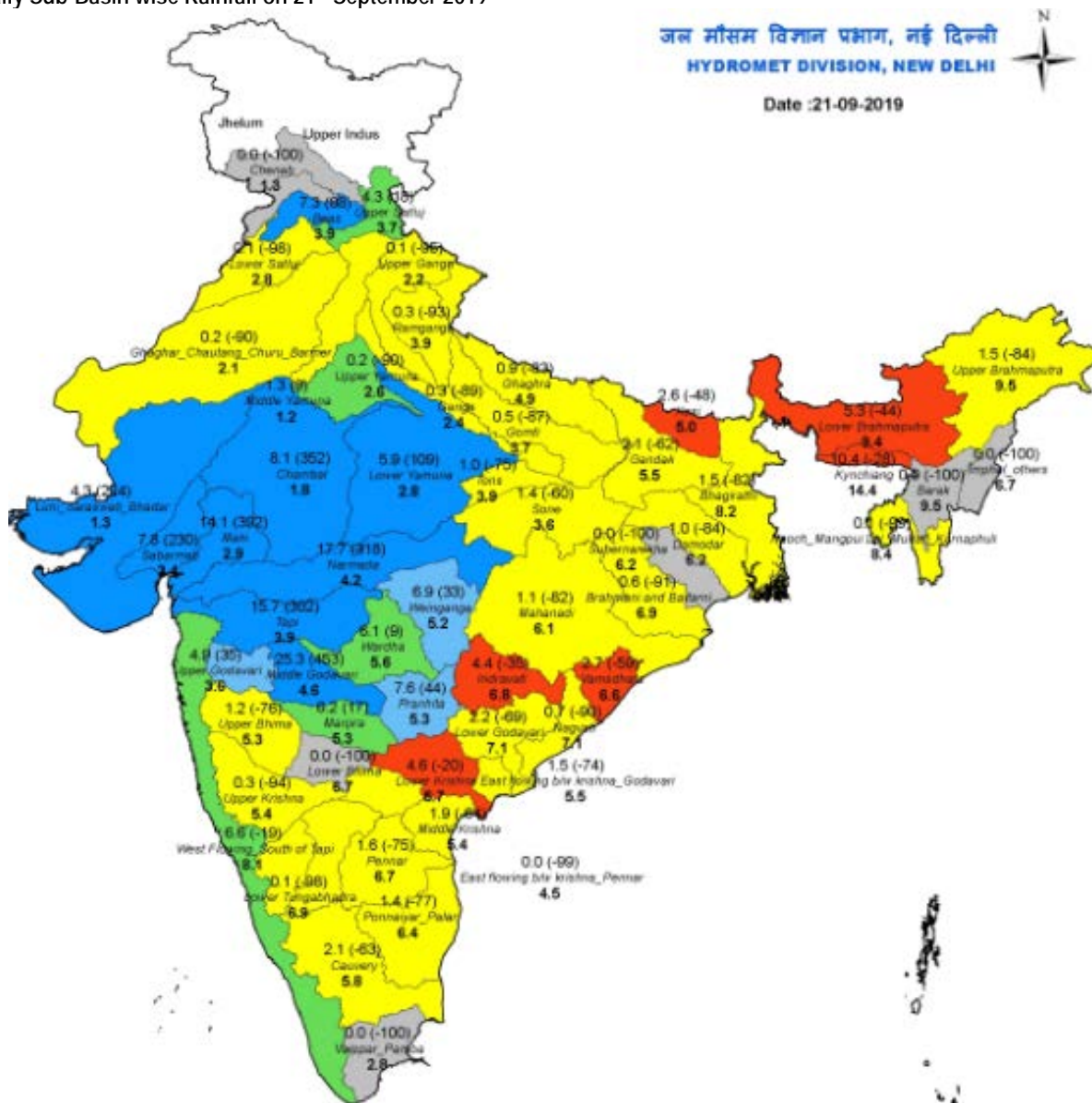


Daily Flood Situation Report cum Advisories

21-09-2019

- 1.0 IMD information
- 1.1 Rainfall Situation
- 1.1.1 Daily Sub-Basin wise Rainfall on 21st 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
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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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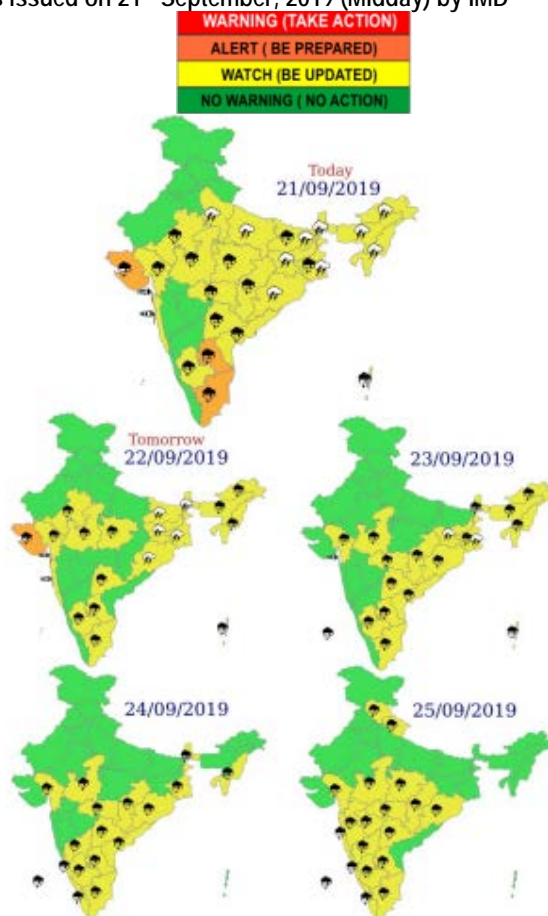
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1.1.2 Rainfall forecast for next 5 days issued on 21st September, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situations 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))	34
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	18
Total number of sites above Warning Level (A+B+C)		52
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)		25

For Details Please Visit:- <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-21092019.pdf>

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2.1.1 Ganga Basin

In association with heavy releases from various dams in Chambal & Betwa Basins, River Yamuna is rising all along its course from Jalaun District upto Prayagraj District in Uttar Pradesh. River Yamuna has started falling upto Chillaghat in Banda District and is rising at Naini in Prayagraj District. The peak level attained during the last 10 years from 2010 to 2019 at most of the Stations in Yamuna Downstream of Chambal Confluence is the highest this year upto Hamirpura and is given in the Table below:

Sl. No.	Station	District	Danger Level (m)	HFL (m)	Peak Level attained		
					2019	2016	2013
1.	Auraiya	Auraiya	113	118.19	117.36	113.27	113.81
2.	Kalpi	Jalaun	108	112.98	112.26	108.98	109.55
3.	Hamirpur	Hamirpur	103.63	108.59	106.79	104.94	106.33
4.	Chillaghat	Banda	100	105.16	102.55	102.10	103.33

This rise in river Yamuna is also being felt on river Ganga which is rising all along its course from Prayagraj to Farakka. River Ganga at Phaphamau & Prayagraj in Prayagraj District, Mirzapur in Mirzapur District, Varanasi in Varanasi District, Ghazipur in Ghazipur District, Ballia in Ballia District of Uttar Pradesh, Buxar in Buxar District, Dighaghat, Gandhighat & Hathidah in Patna District, Bahagalpur & Kahalgao in Bhagalpur District of Bihar and Sahebganj in Sahebganj District of Jharkhand and Farakka in Murshidabad District of West Bengal is flowing in Severe Flood Situation and is likely to rise further. River Ganga at Munger in Munger District of Bihar is flowing in Above Normal Flood Situation with rising trend and is likely to flow in Severe Flood Situation from tomorrow. Close watch on situation has to be maintained all along the course of these rivers.

2.1.2 Brahmaputra Basin

River Brahmaputra is in Severe Flood Situation in Jorhat District and its tributaries Jia-Bharali in Sonitpur District. River Brahmaputra is flowing in Above Normal Flood Situation in Sonitpur, Goalpara and Dhubri Districts of Assam and its tributaries, Beki, Dhansiri (S) are also flowing in Above Normal Flood Situation. As the rainfall is expected to decrease, the levels may start falling slowly.

2.1.3 Gujarat, Dadra & Nagar Haveli, Daman & Diu

In view of the formation of a low pressure area over Arabian Sea and its likely intensification into a Depression, heavy to very heavy rainfall has been forecasted for South Gujarat and Saurashtra and Kutch on 21st and 22nd September 2019 respectively. Water Level in rivers such as Daman Ganga and rivers in Amreli and Gir Somnath District of Gujarat may see rise in levels. Since Madhuban Dam in Valsad District of Gujarat is within 1 m of its FRL, close watch is to be maintained. Similarly some of the dams in Amreli District of Gujarat such as Dhatarvadi, Raidy and Vadiya Schemes are at or very near to FRL, close watch is to be maintained in view of the rainfall warnings.

2.1.4 Pennar & East Flowing Rivers between Pennar & Cauvery Basin

Due to very heavy rains in Kurnool, Cuddapah and Anantpur District for the past three days, river Pennar and its tributaries are rising. River Kunderu at Alladupalli in Cuddapah District of Andhra Pradesh rose sharply and is slowly falling. With forecast of heavy rainfall in Rayalaseema for the next 4 days, close watch has to be maintained in all the rivers in Pennar Basin. Somasila Dam is getting an inflow of around 76,000 cusec and is still having around 19 TMC for its Full Reservoir Level.

Extremely Heavy rainfall has occurred in the catchment areas of Poondi Reservoir in Chennai on 19th September, the reservoir started getting inflows and the reservoir level rose by about 8.3 feet in two days with an inflow of around 2200 cusec on 20th and 803 cusec on 21st respectively. There is forecast of heavy rainfall along coastal districts including the catchment areas of this project for next 5 days steady inflows are possible in this reservoir.

2.2 Flood Affected Districts

Assam: Low lying areas along river course of **Brahmaputra** in Jorhat, **Jia-Bharali** in Sonitpur
Uttar Pradesh: Districts along course of rivers **Chambal, 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.
Jharkhand: **Sahebganj** District along river **Ganga**