

Daily Flood Situation Report cum Advisories 20-09-2019

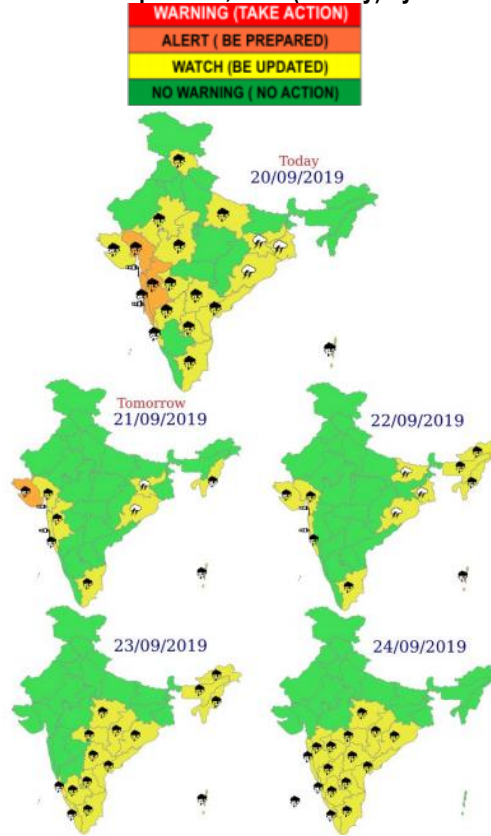
1.0 IMD information

1.1 Rainfall Situation

1.1.1 Amount of rainfall recorded at 0830 hours IST of today (6 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Long Island (A & N)	15
Allagadda (Andhra Pradesh)	14
Rudravaram (Andhra Pradesh)	13
Nambulipulikunta & Sambipalle (Andhra Pradesh)	12 each
Varni (Telangana)	11
Lakkireddipalle (Andhra Pradesh)	10
Maya Bandar (A & N), Vaitarna & Harnai (Maharashtra), Kurdi (Karnataka), Banswada & Birukoor (Telangana), Rayachoti, Vempalle & Jammalamadugu (Andhra Pradesh)	9 each
Mumbai & Vasai (Maharashtra), Chinnamandem (Andhra Pradesh)	8 each
Bhatsa, Poladpur, Santacruz, Tala, Mapusa & Chalisgaon (Maharashtra), Dahod (Gujarat), Udayalipatti (TN), Hesaraghatta (Karnataka), Nellore & Pulivenda (Andhra Pradesh)	7 each
Roha, Ratnagiri, Sholapur, Shirgonda & Kannad (Maharashtra), Thanjavur (TN), Kalakada & Racherla (Andhra Pradesh), Nelogi & Karwar (Andhra Pradesh)	6 each

1.1.2 Rainfall forecast for next 5 days issued on 20th September, 2019 (Midday) by IMD

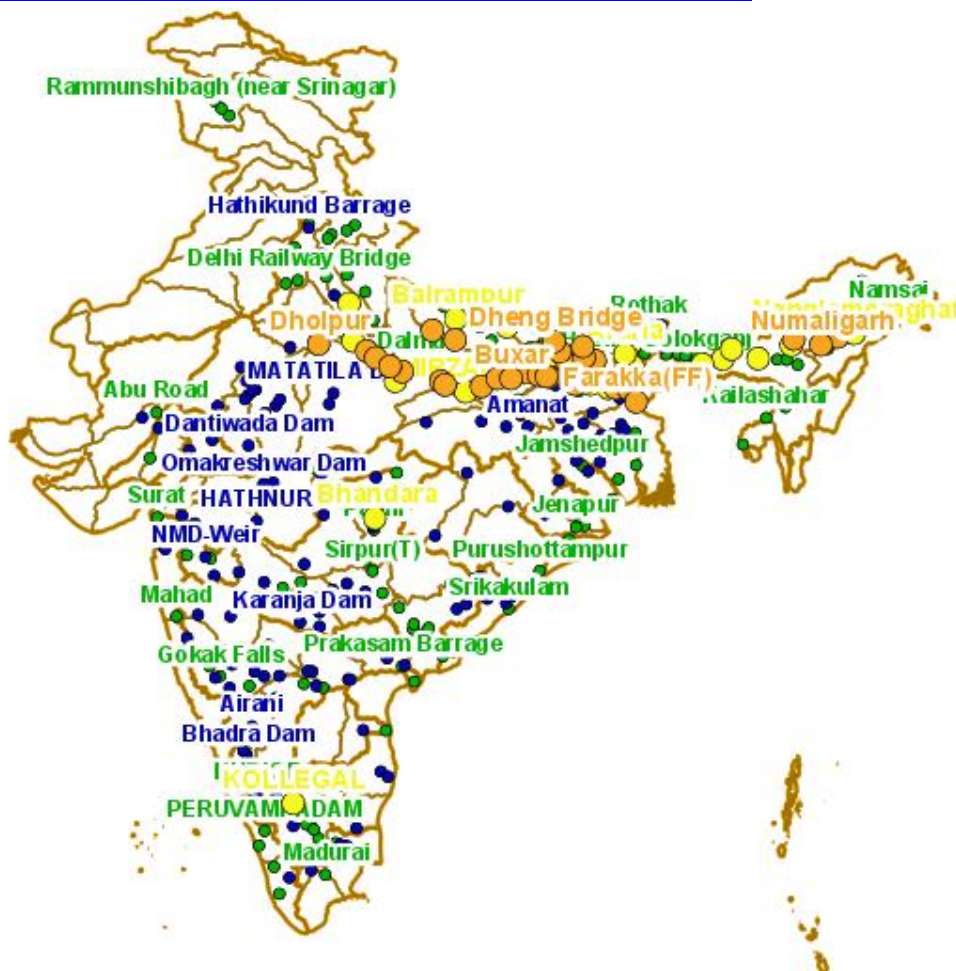


2.0 CWC inferences

2.1 Flood Situation 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))	35
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)		56
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)		27

For Details Please Visit: http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-20092019_1.pdf



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 at Auraiya and Kalpi in Auraiya and Jalaun 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 Hamirpur as 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

Downstream of Kalpi, River **Yamuna** is flowing in Severe Flood Situation In districts of **Hamirpur, Banda, Pratappur and Prayagraj** District in UP. 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, **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, Kahalgaon 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 Mirzapur in **Mirzapur** District of **Uttar Pradesh** and Munger in **Munger District** and Bhagalpur in **Bhagalpur District of Bihar** also flowing in Above Normal Flood Situation with rising trend. 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 Dhansiri (S) in Sonitpur & Golaghat District are also flowing in Severe Flood Situation. River Brahmaputra is flowing in Above Normal Flood Situation in Dibrugarh, Sonitpur, Kamrup, Goalpara and Dhubri districts of Assam and its tributaries, Beki, Puthimari, are also 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 in Konkan & Goa and Madhya Maharashtra for 21st 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, release from reservoirs have to be done with proper notification to all downstream areas and lower riparian states before releasing water. In view of extremely heavy rainfall forecast in Mumbai and its suburban areas, there may be chances of local Urban Flood like situation leading to water logging and drainage congestion.

2.1.5 Gujarat, Dadra & Nagar Haveli, Daman & Diu

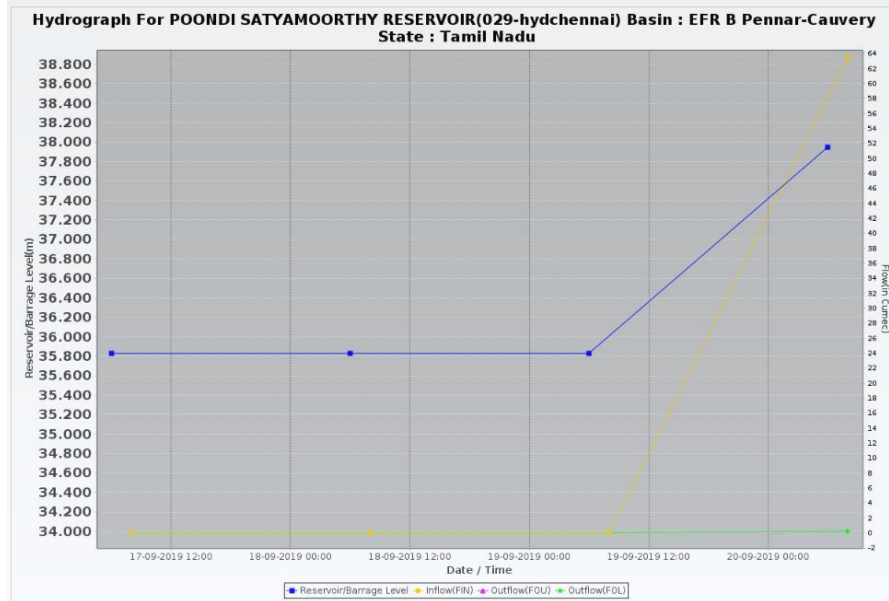
In view of the formation of a low pressure area over Arabian Sea and its likely intensification into a Depression, heavy to very heavy rainfall has been forecasted for South Gujarat and Saurashtra and Kutch on 21st and 22nd September 2019 respectively. Water Level in rivers such as Daman Ganga and rivers 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.

2.1.5 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 60,000 cusec and is still having around 24 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 7 feet in a single day with an inflow of around 2200 cusec. However the catchment areas of

Kosasthaliyar received a basin average rainfall of around 106 mm today. 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. Hydrograph is attached.



2.2 Flood Affected Districts

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, **Dhansiri (S)** in Golaghat District

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**

Flood Affected/ Alerted Districts in the Country

