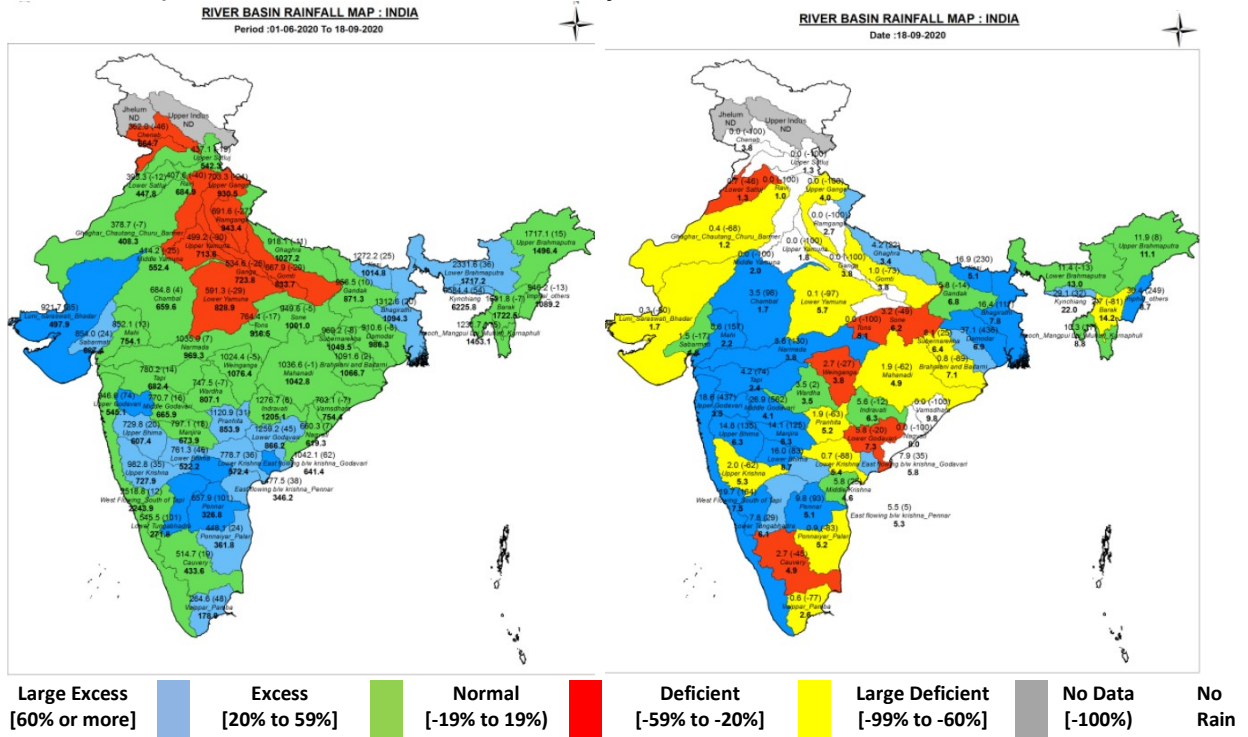




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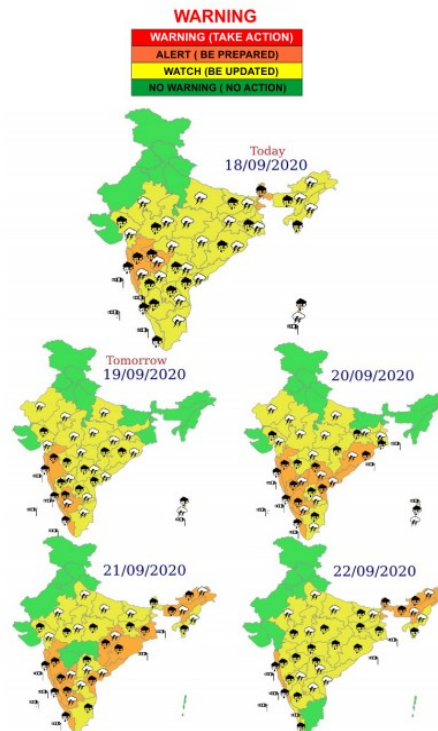
1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall



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

1.2 Rainfall forecast for next 5 days issued on 18th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

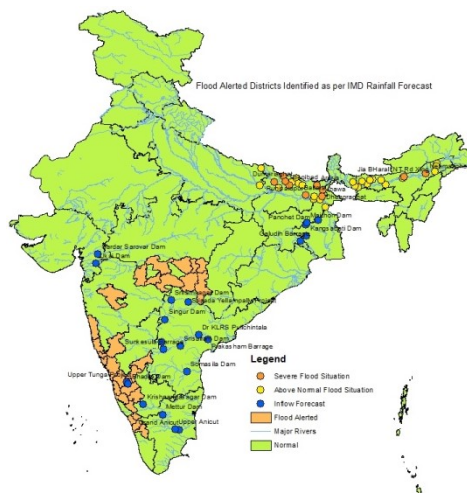
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 18th September 2020, 10 Stations (8 in Bihar and 2 in Assam) are flowing in Severe Flood Situation and 24 stations (12 in Assam, 7 in Bihar, 2 each in West Bengal & Uttar Pradesh and 1 in Jharkhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 23 Barrages & Dams (5 each in Andhra Pradesh & Telangana, 3 each in Jharkhand, Karnataka & Tamil Nadu, 2 each in Gujarat & West Bengal).

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))	10
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	24
Total number of sites above Warning Level (A+B+C)		34
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)		23

Details can be seen in link- http://cwc.gov.in/sites/default/files/dfb202018092020_5.pdf

2.2 Flood Situation Map



2.3 CWC Advisories

- Heavy to very heavy rainfall is likely over Madhya Maharashtra, Konkan & Goa and Marathwada today.
- Heavy to very heavy rainfall is likely over Odisha, Coastal Andhra Pradesh, Chhattisgarh & Telangana during 19th-21st September.
- Heavy to very heavy rainfall is likely over Konkan & Goa, Karnataka and Kerala during 19th-21st September, 2020. Isolated extremely heavy rainfall is also likely over Konkan & Goa and Coastal Karnataka on 20th-21st and over South Interior Karnataka on 21st September, 2020.
- Heavy to very heavy falls is also likely over Sub-Himalayan West Bengal & Northeastern states during 21st-22nd September. Isolated extremely heavy falls also likely over Sub-Himalayan West Bengal & Sikkim on 22nd September.

Based on the above rainfall forecast the following advisories are issued by CWC for various States:

Forecasted rainfall may again increase the flow in West Flowing Rivers and in Upper Krishna, Upper Bhima, Upper Godavari and Cauvery Basins. Since most of the reservoirs in these basins are very near to FRL, SOP for release from reservoirs have to be followed with proper notification to all downstream areas and lower riparian states before releasing water.

Most of the dams in Krishna Basin are already at FRL or very near to FRL. Due to continuing rainfall in North Interior Karnataka, river Kagna is rising rapidly at Malkhed in **Kalaburagi** District in Karnataka and this has submerged the road bridge at Malkhed. Flows in river Kagna is contributing to the increased flows in River Bhima in **Yadgir** District. This will be additional flow into P D Jurala Project on river Krishna in **Jogulamba Gadwal** District. Since Jurala Project is nearly full, the releases from Jurala, Srisailam, Nagarjunasagar and Pulichintala Dams are also likely to release excess water for another 2-3 days. Necessary precautions have to be taken by respective project authorities.

Mula, Manjlegaon, Jaikwadi and Yeldari Dams in Maharashtra in Godavari Basin are almost full or near their FRL. Due to heavy rainfall in these regions the dams are getting heavy inflows. These dams are releasing the excess flows. Due to such releases, river Godavari is rising upstream of **Sriramsagar, Sripada Yellampally Dams** in Telangana. These dams are also likely to release the excess flow which will be inflows into Laxmi Barrage on river Godavari in **Jayshankar Bhupalpalle** District. The flows passing through this barrage is likely to rise the levels in Lower Godavari in **Mulug and Bhadradri** Districts. Due to increase in rainfall forecasted during 19th to 21st, close watch is to be maintained.

Heavy to very heavy rainfall has been forecasted from 19th to 21st September in Kerala. This may increase the flows into Idukki and Edamalaray Dams. Since the rainfall is expected to continue for 3-4 days, the inflows are likely to continue depending on the intensity of rainfall. Close watch is to be maintained.

Heavy to very heavy rain has been forecasted in Sub-Himalayan West Bengal & Sikkim and North Eastern States from 21st September Onwards. This may increase the water levels in Brahmaputra & its tributaries including Tista and Barak and its tributaries during the next 3-4 days. Close watch is to be maintained.

Impact Based Actions

Strict vigil is to be maintained in all the above areas for next 3-4 days. It is advised that close watch has to be maintained for increased inflows in dams. Releases from any of these reservoirs may be done as per rule curve and standard operating procedure with advance intimation to downstream areas. All district administrations can take effective measures taking into account the prevailing Covid-19 situation in relief camps being set up in these districts.

3. Storage Position in Dams where Inflow forecast is being issued by CWC as on 18th September 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Nira	Veer Dam	Maharashtra	100	Yes
2	Purna	Yeldari Dam	Maharashtra	100	Yes
3	Krishna	Almatti Dam	Karnataka	100	Yes
4	Bhima	Ujjani Dam	Maharashtra	100	Yes
5	Betwa	Rajghat Dam	Madhya Pradesh	100	Yes
6	Ghataprabha	Hidkal Dam	Karnataka	100	Yes
7	Narmada	Bargi Dam	Madhya Pradesh	100	No
8	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
9	Narmada	Tawa Dam	Madhya Pradesh	100	Yes
10	Cauvery	Krishnarajasagar	Karnataka	100	Yes
11	Kabini	Kabini Dam	Karnataka	100	Yes
12	Wardha	Upper Wardha Project	Maharashtra	100	No
13	Penganga	Issapur Project	Maharashtra	100	Yes
14	Sindhpana	Manjlegaon	Maharashtra	99.86	Yes
15	Mahi	Kadana Dam	Gujarat	99.59	Yes
16	Godavari	Jaikwadi Dam	Maharashtra	99.45	Yes
17	Sabarmati	Dharoi Dam	Gujarat	99.29	Yes
18	Narmada	Barna Dam	Madhya Pradesh	99	Yes
19	Koyna	Koyna Dam	Maharashtra	99	Yes
20	Warana	Warana Dam	Maharashtra	99	Yes
21	Bhadra	Bhadra Dam	Karnataka	99	Yes
22	Narmada	Sardar Sarovar Dam	Gujarat	98.74	Yes
23	Mahi	Mahi Bajajsagar Dam	Rajasthan	98.21	No
24	Krishna	Narayanpur Dam	Karnataka	98	Yes
25	North Pennar	Somasila Dam	Andhra Pradesh	97.88	Yes
26	Mula	Mula Dam	Maharashtra	97.41	Yes
27	Harangi	Harangi Dam	Karnataka	97	Yes
28	Chambal	Rana Pratap Sagar	Rajasthan	96.88	No
29	Kalisindh	Kalisindh Dam	Rajasthan	96.73	No
30	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	No
31	Pench	Totladoh Project	Maharashtra	96.47	Yes
32	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	96	Yes
33	Krishna	Srisaillam Dam	Andhra Pradesh	96	Yes
34	Narmada	Indira Sagar Dam	Madhya Pradesh	96	Yes
35	Malaprabha	Malaprabha Dam	Karnataka	95	Yes
36	Tapi	Ukai Dam	Gujarat	94.64	Yes
37	Kaddamvagu	Kaddam Dam	Telangana	94.55	Yes
38	Sone	Bansagar Dam	Madhya Pradesh	93	No
39	Mahanadi	Hirakud Dam	Odisha	92.6	Yes
40	Godavari	Sriramasagar	Telangana	92.43	Yes
41	Hemavathy	Hemavathy Dam	Karnataka	92	Yes
42	Godavari	SripadaYellampally Dam	Telangana	89.32	Yes
43	Wainganga	Upper Wainganga Project	Madhya Pradesh	88.17	No
44	Bhavani	Bhavani Sagar	Tamil Nadu	88.01	No
45	Gomukanadi	Gomukhi Dam	Tamil Nadu	87.43	No
46	Chambal	Gandhisagar Dam	Madhya Pradesh	87	Yes
47	Krishna	Priyadarshini Jurala Project	Telangana	86	Yes
48	Brahmani	Rengali Dam	Odisha	84.3	Yes
49	Musi	Musi Project	Telangana	84	Yes
50	Gambhiri	Panchana Dam	Rajasthan	82.81	No
51	Parwati	Parwati Dam	Rajasthan	76.52	No
52	Machhkund	Machhkund Project	Odisha	76.16	Yes
53	Panam	Panam Dam	Gujarat	74.27	Yes
54	Mej	Gudha Dam	Rajasthan	73.19	No
55	Edamalayar	Idamalayar	Kerala	72.97	Yes
56	Periyar	Idukki Dam	Kerala	72.63	Yes

Reservoirs shown in red are having gross storage greater than 90%, reservoirs shown in orange are having gross storage greater than 75% and the reservoirs shown in yellow are having gross storage greater than 70%. Close watch has to be maintained at these reservoirs wherever heavy rainfall (Yellow) and Very Heavy Rainfall (Orange) and Extremely Heavy Rainfall (Red) warning in next 24 hours are given (last column of Table above).