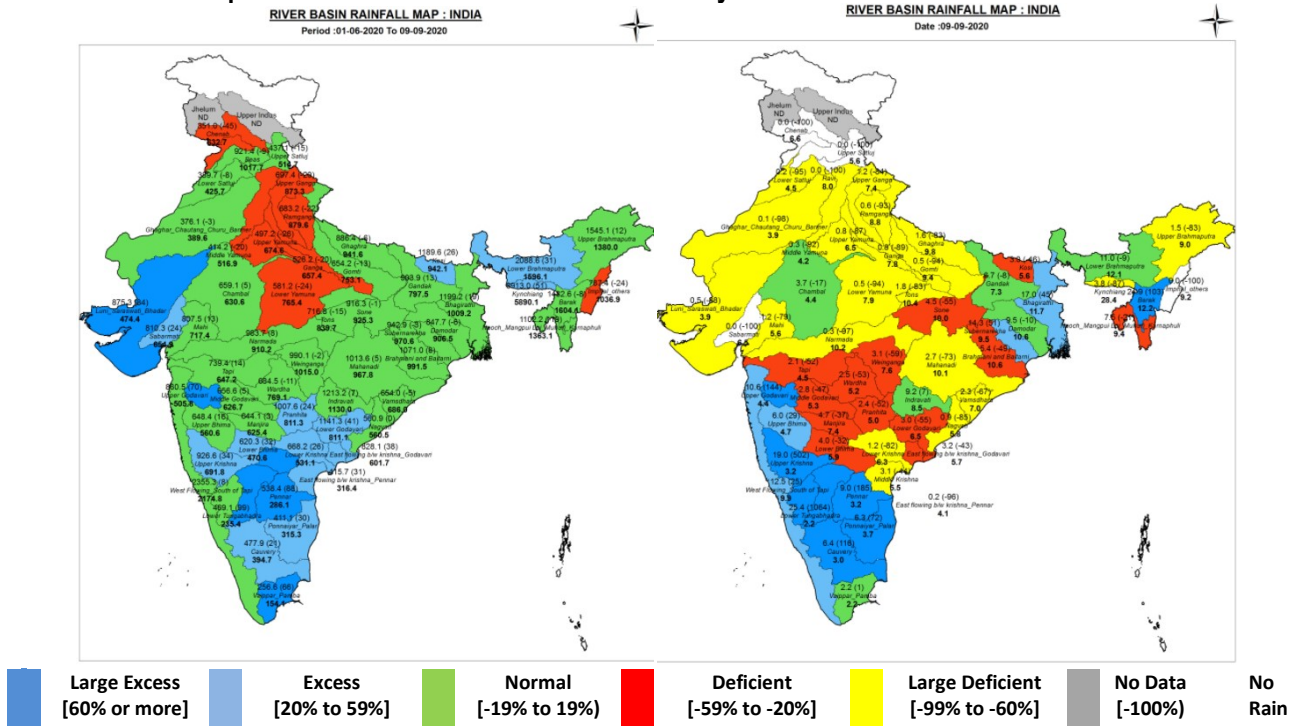




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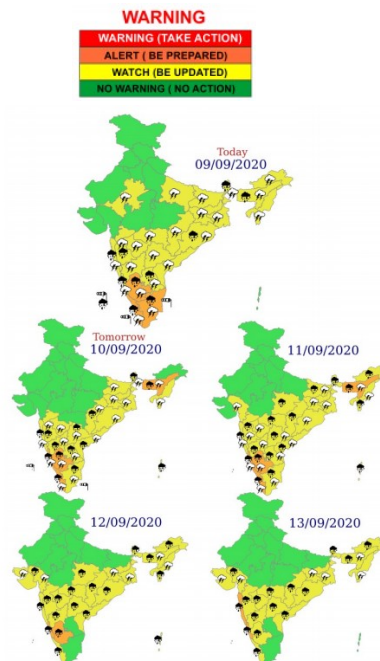
1.0 Rainfall Situation

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 9th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

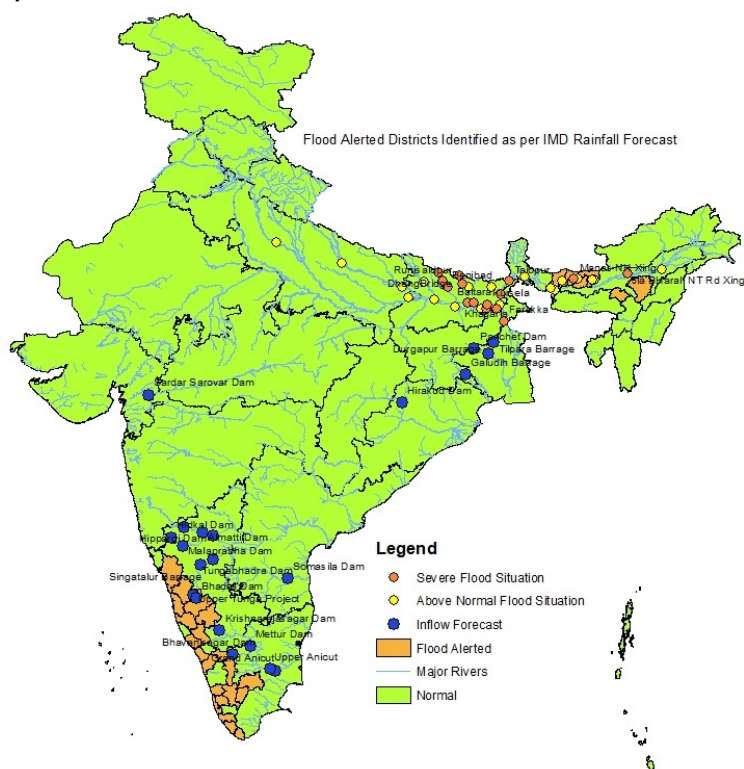
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 9th September 2020, 15 Stations (11 in Bihar, 2 in Assam and 1 each in Jharkhand & West Bengal) are flowing in Severe Flood Situation and 19 stations (7 in Bihar, 7 in Assam, 4 in Uttar Pradesh and 1 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 21 Barrages & Dams (10 in Karnataka, 4 in Tamilnadu, 2 each in Jharkhand & West Bengal and 1 each in Andhra Pradesh, Gujarat, & Odisha)

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))	15
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	19
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)		21

Details can be seen in link- http://cwc.gov.in/sites/default/files/dfb202009092020_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

- Heavy to very heavy rainfall at isolated places very likely over Coastal Karnataka during 10th-13th; South Interior Karnataka during 09th-12th; Kerala & Mahe during 09th-11th and Tamilnadu, Puducherry Karaikal on 09th September, 2020. Extremely heavy rainfall at isolated places also very likely over Coastal & South Interior Karnataka on 11th September, 2020.
- Heavy to very heavy rainfall at isolated places also very likely over Sub-Himalayan West Bengal & Sikkim during next 5 days; Odisha on 09th and over Northeast India during next 4-5 days.
- Rainfall distribution and intensity is very likely to increase over Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Vidarbha and adjoining areas from 12th September onwards.

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

Increase in inflows is likely over dams in Krishna, Cauvery, Pennar & Vaigai and in West Flowing Rivers between Tadri and Kanyakumari Basins during next 4-5 days. Very heavy rainfall has been forecasted in source regions of Cauvery, Tunga and Bhadra rivers during 9th-12th September 2020 in the Districts of **Kodagu, Hassan, Chikmagalur and Shivamogga** which will give rise to increased inflows into the dams in Upper Cauvery and Upper Tungabhadra Basins. Most of the dams in these Basins are already at FRL or very near to FRL, close watch is to be maintained for any abrupt increase in inflows due to such heavy rainfall in the reservoir area. Extremely heavy rainfall is also very likely over Coastal & South Interior Karnataka on 11th September, 2020

Due to ongoing heavy to very heavy rainfall in Assam, River Jia-Bharali at **Sonitpur** District and River Manas at **Barpeta** District continue to flow in Severe Flood Situation. Since warning for next 3-4 days have been given for Lower Assam, close watch is to be maintained in the Districts of **Barpeta, Bongaigaon, Kokrajhar, Chirang, Goalpara and Dhubri**.

Impact Based Actions

Strict vigil is to be maintained in all the above States & Districts 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.

Maximum vigil has to be maintained along the rail and road tracks and bridges on these rivers and regulate traffic suitably to avoid any incident. Submergence of low-level cause ways along rivers and railway tracks along flashy rivers is to be monitored closely. 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 9th 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	No
6	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
7	Ghataprabha	Hidkal Dam	Karnataka	100	Yes
8	Wardha	Upper Wardha Project	Maharashtra	99.84	No
9	Mahi	Kadana Dam	Gujarat	99.59	Yes
10	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	No
11	Narmada	Tawa Dam	Madhya Pradesh	99	No
12	Narmada	Bargi Dam	Madhya Pradesh	99	No
20	Cauvery	Krishnarajasagar	Karnataka	99	Yes
13	Godavari	Jaikwadi Dam	Maharashtra	98.95	Yes
14	Kalisindh	Kalisindh Dam	Rajasthan	98.03	No
15	Krishna	Narayanpur Dam	Karnataka	98	Yes
16	Krishna	Srisaillam Dam	Andhra Pradesh	98	Yes
17	Koyna	Koyna Dam	Maharashtra	98	Yes
18	Narmada	Barna Dam	Madhya Pradesh	98	No
19	Warana	Warana Dam	Maharashtra	98	Yes
21	Mahi	Mahi Bajajsagar Dam	Rajasthan	97.94	No
22	Sabarmati	Dharoi Dam	Gujarat	97.75	Yes
23	Mula	Mula Dam	Maharashtra	97.42	Yes
24	Sindhpana	Manjlegaon	Maharashtra	97.34	Yes
25	Musi	Musi Project	Telangana	97	No
31	Kabini	Kabini Dam	Karnataka	97	Yes
34	Bhadra	Bhadra Dam	Karnataka	97	Yes
26	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	No
27	Chambal	Rana Pratap Sagar	Rajasthan	96.58	No
28	Pench	Totladoh Project	Maharashtra	96.09	Yes
29	Narmada	Indira Sagar Dam	Madhya Pradesh	96	No
30	Krishna	Priyadarshini Jurala Project	Telangana	96	No
33	Malaprabha	Malaprabha Dam	Karnataka	96	Yes
35	Godavari	SripadaYellampally Dam	Telangana	95.78	No
32	Hemavathy	Hemavathy Dam	Karnataka	95	Yes
36	Penganga	Issapur Project	Maharashtra	94.19	Yes
37	Narmada	Sardar Sarovar Dam	Gujarat	93.56	Yes
38	Sone	Bansagar Dam	Madhya Pradesh	93	No
39	Godavari	Sriramasagar	Telangana	92.31	No
40	Brahmani	Rengali Dam	Odisha	92	Yes
41	Harangi	Harangi Dam	Karnataka	90	Yes
42	Mahanadi	Hirakud Dam	Odisha	86.2	Yes
43	Tapi	Ukai Dam	Gujarat	85.37	Yes
44	Bhavani	Bhavani Sagar	Tamil Nadu	85.36	Yes
45	Chambal	Gandhisagar Dam	Madhya Pradesh	85	No
46	Gambhiri	Panchana Dam	Rajasthan	84.91	No
47	Wainganga	Upper Wainganga Project	Madhya Pradesh	80.24	No
48	Salandi	Salandi Dam	Odisha	79.5	Yes
49	Tapi	Hathnur Dam	Maharashtra	79.06	Yes
50	Kaddamvagu	Kaddam Dam	Telangana	78.29	No
51	Parwati	Parwati Dam	Rajasthan	76.52	No
52	Mej	Gudha Dam	Rajasthan	72.8	No
53	Machhkund	Machhkund Project	Odisha	71.96	Yes
54	Periyar	Idukki Dam	Kerala	71.9	Yes
55	Panam	Panam Dam	Gujarat	71.39	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).