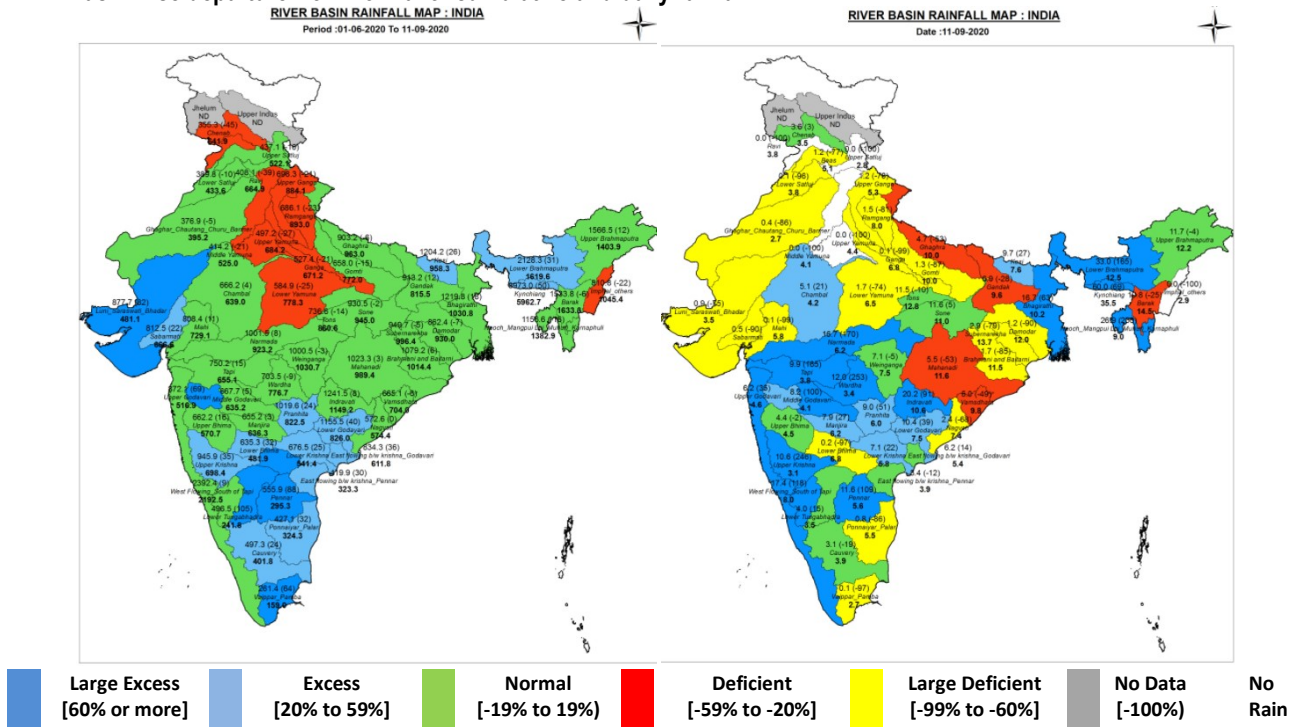




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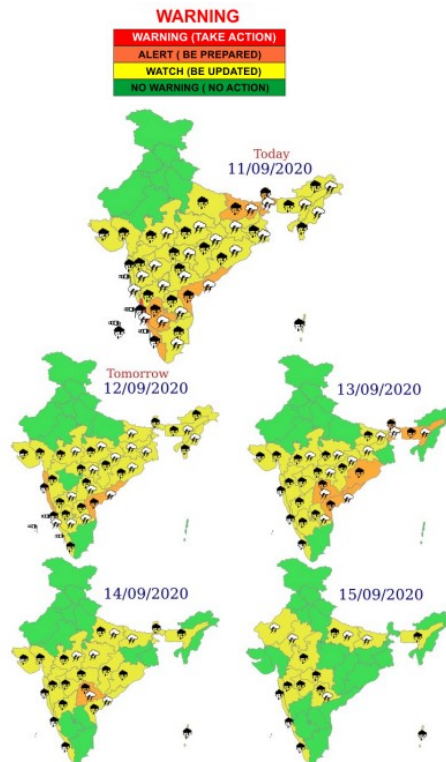
1.0 Rainfall Situation

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 11th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

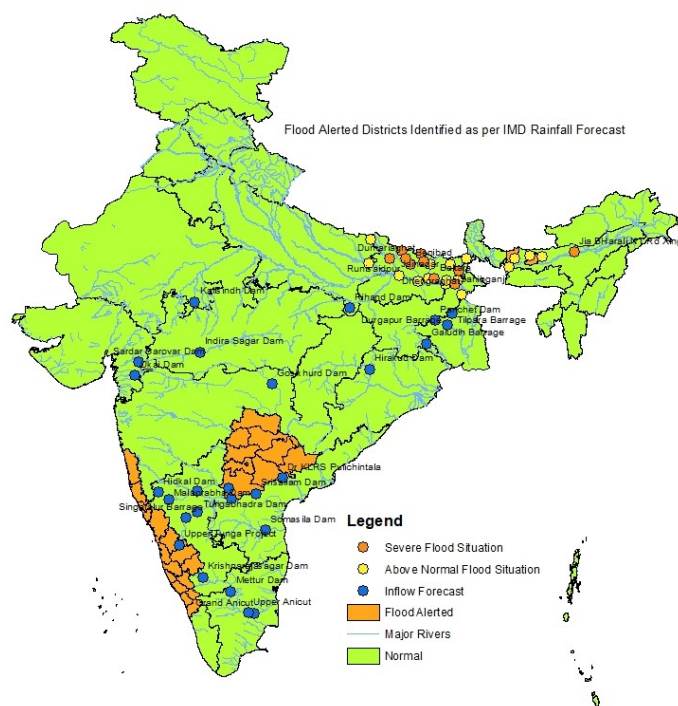
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 11th September 2020, 10 Stations (8 in Bihar and 1 each in Assam & Jharkhand) are flowing in Severe Flood Situation and 16 stations (9 in Bihar, 4 in Assam, 2 in Uttar Pradesh and 1 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 26 Barrages & Dams (7 in Karnataka, 4 in Andhra Pradesh, 3 in Tamilnadu, 2 each in Gujarat, Jharkhand & West Bengal and 1 each in Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Uttar Pradesh & Telangana)

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)	16
Total number of sites above Warning Level (A+B+C)		26
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)		26

Details can be seen in link- http://cwc.gov.in/sites/default/files/dfb202011092020_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 11th & 12th; South Interior Karnataka and Kerala & Mahe on 11th September. Extremely heavy rainfall at isolated places also very likely over Coastal Karnataka on 11th September, 2020.
- Heavy rainfall at isolated places is very likely over Sub-Himalayan West Bengal & Sikkim and Northeast India (mainly Assam & Meghalaya) during next 3-4 days.
- Rainfall distribution and intensity very likely to increase over Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Maharashtra and Gujarat State from 12th September onwards. Isolated heavy falls also very likely over these regions during next 3-4 days.

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

Due to forecasted rainfall, increased inflows into the dams in Karnataka in the basins of Cauvery and Krishna are expected. 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. Due to ongoing heavy rainfall in interior Karnataka inflows into dams in Krishna Basin are increasing slowly. Due to forecasted extremely heavy rainfall over Coastal Karnataka, there is likelihood of rapid rise in water levels in West Flowing Rivers such as Netravathi, Agahanashini, Haladi etc. Close watch is to be maintained for inundation in these areas.

Heavy to Very Heavy rainfall has been forecasted in the Districts of Malappuram, Kozhikode, Wayanad, Kannur & Kasargode in Kerala for the next 48 hours. Due to forecasted rainfall, Rivers Kabini, Bharathapuzha, Kuttyadi etc are likely to rise; close watch is to be maintained.

Srisailem Dam in Kurnool District of Andhra Pradesh is getting a heavy inflow which is being released into Nagarjunasagar Dam in Nalgonda District of Telangana. As the dam is near FRL, it is releasing most of the inflows into KLRS Pulichintala Dam in Guntur District and the inflows to this dam is being released to Prakasam Barrage in Krishna District. Due to likely increase in rainfall in the Lower Krishna Basin in the wake of likely formation of low pressure area on 13th September and as most of the dams are very near to FRL, strict vigil has to be maintained and releases have to be done as per Standard Operating Procedure by all dams.

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 11th September 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Nira	Veer Dam	Maharashtra	100	Yes
2	Purna	Yeldari Dam	Maharashtra	100	No
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	Yes
8	Narmada	Barna Dam	Madhya Pradesh	100	Yes
9	Mahi	Kadana Dam	Gujarat	99.84	Yes
10	Tungabhadra	Tungabhadra Dam	Karnataka	99	Yes
11	Narmada	Tawa Dam	Madhya Pradesh	99	Yes
12	Cauvery	Krishnarajasagar	Karnataka	99	Yes
13	Sabarmati	Dharoi Dam	Gujarat	98.45	Yes
14	Godavari	Jaikwadi Dam	Maharashtra	98.24	No
15	Wardha	Upper Wardha Project	Maharashtra	98.2	Yes
16	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	98	Yes
17	Krishna	Srisailem Dam	Andhra Pradesh	98	Yes
18	Koyna	Koyna Dam	Maharashtra	98	Yes
19	Warana	Warana Dam	Maharashtra	98	Yes
20	Mahi	Mahi Bajajsagar Dam	Rajasthan	97.94	No
21	Mula	Mula Dam	Maharashtra	97.42	Yes
22	Musi	Musi Project	Telangana	97	Yes
23	Kabini	Kabini Dam	Karnataka	97	Yes
24	Bhadra	Bhadra Dam	Karnataka	97	Yes
25	Chambal	Rana Pratap Sagar	Rajasthan	96.66	No
26	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	No
27	Godavari	SripadaYellampally Dam	Telangana	96.46	Yes
28	Narmada	Indira Sagar Dam	Madhya Pradesh	96	Yes
29	Narmada	Sardar Sarovar Dam	Gujarat	95.59	Yes
30	Penganga	Issapur Project	Maharashtra	95.55	No
31	Krishna	Narayanpur Dam	Karnataka	95	Yes
32	Malaprabha	Malaprabha Dam	Karnataka	95	Yes
33	Pench	Totladoh Project	Maharashtra	94.88	Yes
34	Hemavathy	Hemavathy Dam	Karnataka	94	Yes
35	Sone	Bansagar Dam	Madhya Pradesh	93	Yes
36	Godavari	Sriramasagar	Telangana	92.41	Yes
37	Krishna	Priyadarshini Jurala Project	Telangana	92	Yes
38	Harangi	Harangi Dam	Karnataka	89	Yes
39	Mahanadi	Hirakud Dam	Odisha	89	Yes
40	Kalisindh	Kalisindh Dam	Rajasthan	88.21	No
41	Sindhpana	Manjlegaon	Maharashtra	87.14	No
42	Tapi	Ukai Dam	Gujarat	87.1	Yes
43	Brahmani	Rengali Dam	Odisha	86.2	Yes
44	Chambal	Gandhisagar Dam	Madhya Pradesh	86	Yes
45	Bhavani	Bhavani Sagar	Tamil Nadu	85.34	Yes
46	Gambhiri	Panchana Dam	Rajasthan	84.91	No
47	Gomukanadi	Gomukhi Dam	Tamil Nadu	84.1	Yes
48	Wainganga	Upper Wainganga Project	Madhya Pradesh	81.94	Yes
49	Kaddamvagu	Kaddam Dam	Telangana	78.29	Yes
50	Parwati	Parwati Dam	Rajasthan	76.52	No
51	Salandi	Salandi Dam	Odisha	75.6	Yes
52	Mej	Gudha Dam	Rajasthan	72.8	No
53	Tapi	Hathnur Dam	Maharashtra	72.55	Yes
54	Machhkund	Machhkund Project	Odisha	72.29	Yes
55	Panam	Panam Dam	Gujarat	71.87	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).