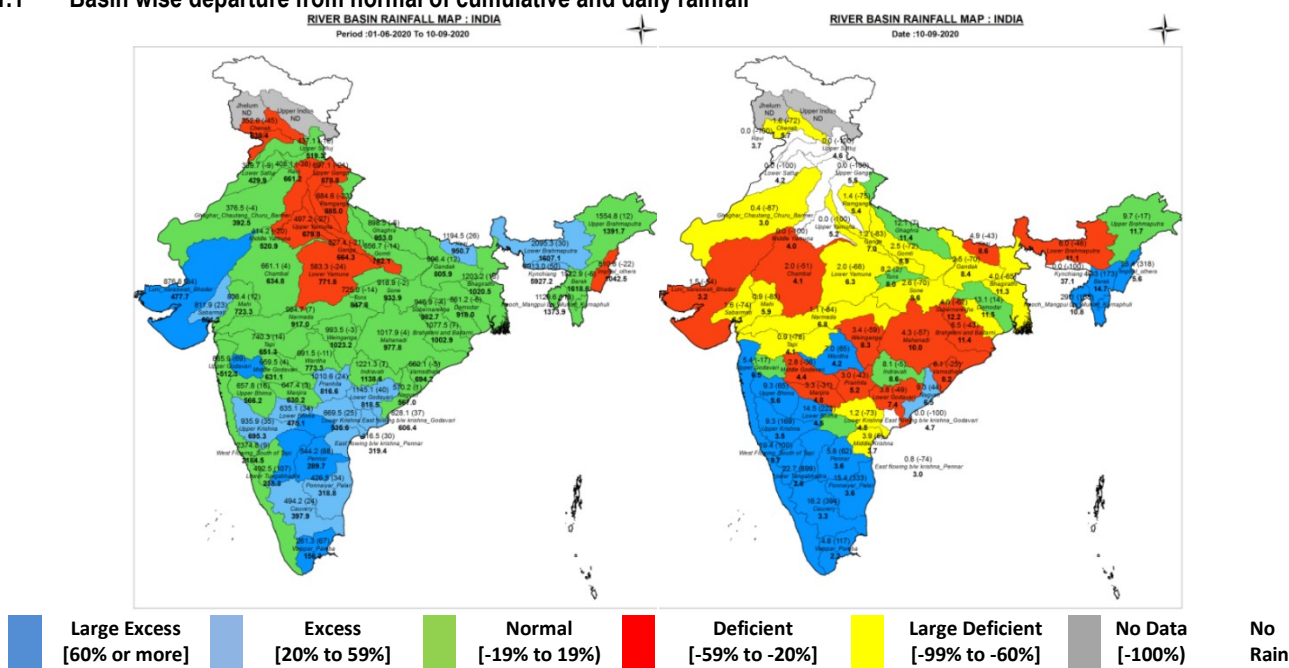




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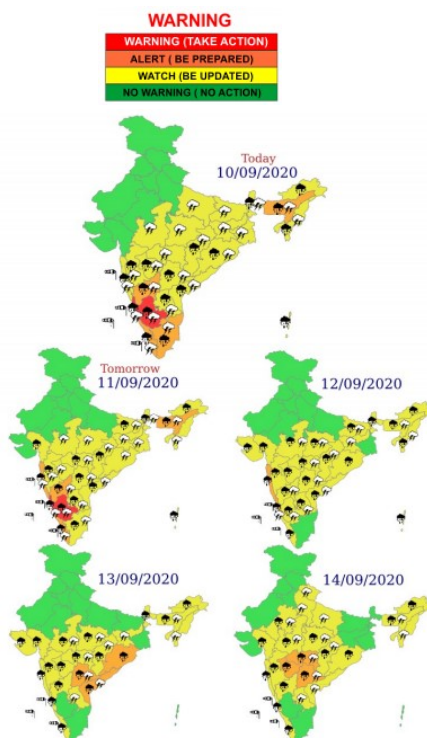
1.0 Rainfall Situation

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 10th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

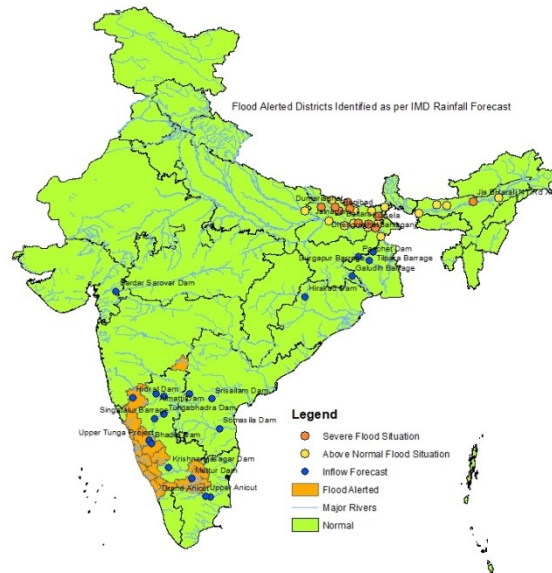
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 10th September 2020, 10 Stations (8 in Bihar and 1 each in Assam & Jharkhand) are flowing in Severe Flood Situation and 15 stations (9 in Bihar, 4 in Assam and 1 each in Uttar Pradesh and West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 20 Barrages & Dams (8 in Karnataka, 3 in Tamilnadu, 2 each in Andhra Pradesh, Jharkhand & West Bengal and 1 each in Gujarat, Odisha & 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)	15
Total number of sites above Warning Level (A+B+C)		25
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)		20

Details can be seen in link- http://cwc.gov.in/sites/default/files/dfb202010092020_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; Interior Karnataka and Kerala & Mahe on 10th & 11th September. Extremely heavy rainfall at isolated places also very likely over Coastal & South Interior Karnataka on 10th & 11th September, 2020.
- Heavy rainfall at isolated places is very likely over Sub-Himalayan West Bengal & Sikkim during next 4 days, over Odisha on 10th 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, Maharashtra and Gujarat State from 12th September onwards. Isolated heavy falls also very likely over these regions during the same period.

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 in the Districts of Belagavi, Vijayapura, Bagalkote, Yadgir, Koppal, Haveri, Chitradurga and Davangere, 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.

Due to ongoing rainfall in Interior Karnataka, river Tungabhadra and river Hagari downstream of Tungabhadra Dam is rising which is giving additional inflows into river Krishna at Srisailem Dam in Kurnool District of Andhra Pradesh. As most of the dams are very near to FRL, strict watch has to be maintained and releases have to be done as per Standard Operating Procedure.

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 10th 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	Ghataprabha	Hidkal Dam	Karnataka	100	Yes
7	Narmada	Bargi Dam	Madhya Pradesh	100	No
8	Mahi	Kadana Dam	Gujarat	99.59	No
9	Tungabhadra	Tungabhadra Dam	Karnataka	99	Yes
10	Narmada	Tawa Dam	Madhya Pradesh	99	No
11	Cauvery	Krishnarajasagar	Karnataka	99	Yes
12	Narmada	Barna Dam	Madhya Pradesh	99	No
13	Godavari	Jaikwadi Dam	Maharashtra	98.62	Yes
14	Sabarmati	Dharoi Dam	Gujarat	98.13	No
15	Kalisindh	Kalisindh Dam	Rajasthan	98.03	No
16	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	98	Yes
17	Krishna	Srisaillam 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	Wardha	Upper Wardha Project	Maharashtra	97.55	No
22	Mula	Mula Dam	Maharashtra	97.42	Yes
23	Krishna	Narayanpur Dam	Karnataka	97	Yes
24	Musi	Musi Project	Telangana	97	Yes
25	Kabini	Kabini Dam	Karnataka	97	Yes
26	Bhadra	Bhadra Dam	Karnataka	97	Yes
27	Pench	Totladoh Project	Maharashtra	96.85	No
28	Chambal	Rana Pratap Sagar	Rajasthan	96.66	No
29	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	No
30	Godavari	SripadaYellampally Dam	Telangana	96.46	Yes
31	Narmada	Indira Sagar Dam	Madhya Pradesh	96	No
32	Malaprabha	Malaprabha Dam	Karnataka	96	Yes
33	Penganga	Issapur Project	Maharashtra	94.67	Yes
34	Narmada	Sardar Sarovar Dam	Gujarat	94.6	No
35	Krishna	Priyadarshini Jurala Project	Telangana	94	Yes
36	Hemavathy	Hemavathy Dam	Karnataka	94	Yes
37	Sone	Bansagar Dam	Madhya Pradesh	93	No
38	Godavari	Sriramasagar	Telangana	92.37	Yes
39	Harangi	Harangi Dam	Karnataka	90	Yes
40	Sindhpana	Manjlegaon	Maharashtra	89.32	Yes
41	Mahanadi	Hirakud Dam	Odisha	88.1	Yes
42	Brahmani	Rengali Dam	Odisha	86.1	Yes
43	Tapi	Ukai Dam	Gujarat	86.05	No
44	Bhavani	Bhavani Sagar	Tamil Nadu	85.54	Yes
45	Chambal	Gandhisagar Dam	Madhya Pradesh	85	No
46	Gambhiri	Panchana Dam	Rajasthan	84.91	No
47	Damanganga	Madhuban Dam	Gujarat	83.45	No
48	Wainganga	Upper Wainganga Project	Madhya Pradesh	82.51	No
49	Tapi	Hathnur Dam	Maharashtra	79.53	Yes
50	Kaddamvagu	Kaddam Dam	Telangana	77.8	Yes
51	Salandi	Salandi Dam	Odisha	76.8	Yes
52	Parwati	Parwati Dam	Rajasthan	76.52	No
53	Machhkund	Machhkund Project	Odisha	74.4	Yes
54	Mej	Gudha Dam	Rajasthan	72.8	No
55	Edamalayar	Idamalayar	Kerala	71.9	Yes
56	Panam	Panam Dam	Gujarat	71.39	No

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).