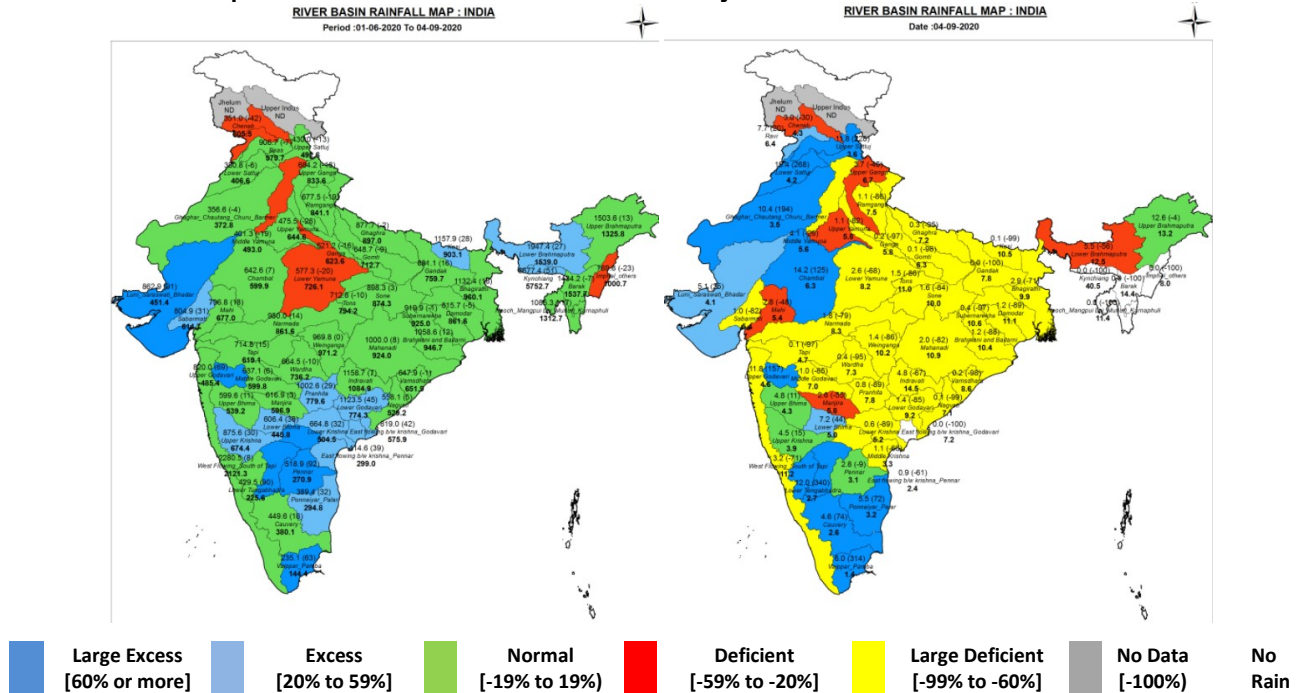




Central Water Commission
Daily Flood Situation Report cum Advisories
04-09-2020

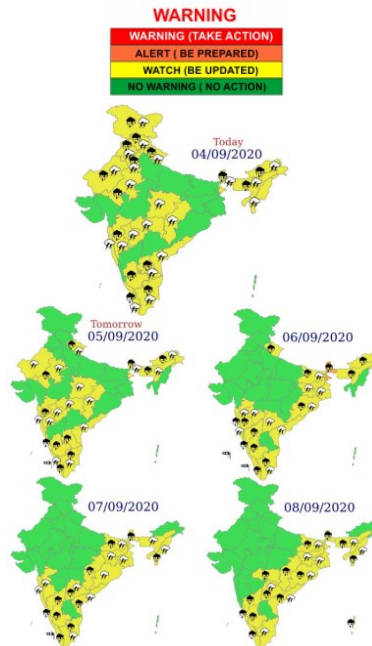
1.0 Rainfall Situation

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 4th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

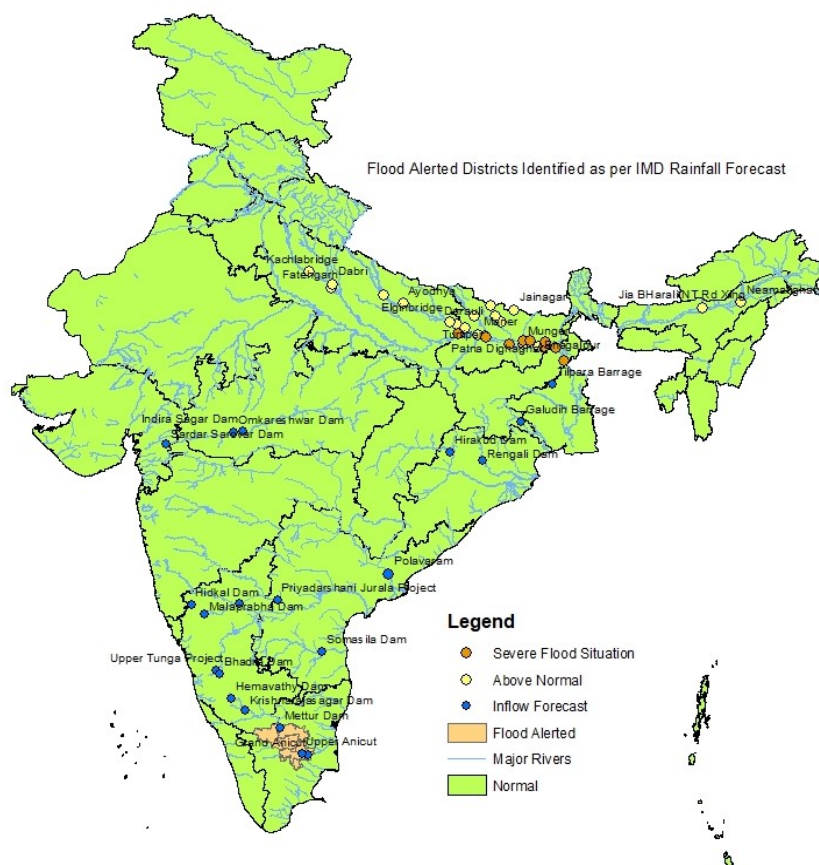
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 4th September 2020, 9 Stations (6 in Bihar, 1 each in Jharkhand, Uttar Pradesh & West Bengal) are flowing in Severe Flood Situation and 19 stations (11 in Bihar, 6 in Uttar Pradesh and 2 in Assam) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 21 Barrages & Dams (7 in Karnataka, 3 in Tamilnadu, 2 each in Andhra Pradesh, Madhya Pradesh, Odisha & Telangana and 1 each in Gujarat, Jharkhand & 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))	9
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)		28
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/dfb202004092020_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

- Isolated Heavy rainfall is very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Punjab, Haryana & Chandigarh and Rajasthan on 04th September and over Uttarakhand during 04th-06th September, 2020.
- Fairly widespread to widespread rainfall with isolated heavy falls is very likely over Peninsular India during next 4-5 days.

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

Due to forecasted Heavy rainfall over Peninsular India during next 4-5 days, increase in inflows are likely over dams in Krishna Basin, Cauvery Basin, Pennar Basin and West Flowing Rivers. 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.**

River Chambal and its tributaries are expected to rise due to forecasted Heavy rainfall over Rajasthan on 04th September. Several major reservoirs are about 70 to 90% filled and **close watch is to be maintained for any abrupt increase in inflows due to such heavy rainfall in the reservoir area.**

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 4th September 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Brahmani	Rengali Dam	Odisha	102.2	Yes
2	Nira	Veer Dam	Maharashtra	100	Yes
3	Purna	Yeldari Dam	Maharashtra	100	Yes
4	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
5	Krishna	Almatti Dam	Karnataka	100	No
6	Bhima	Ujjani Dam	Maharashtra	100	Yes
7	Ghataprabha	Hidkal Dam	Karnataka	100	No
8	Mahi	Kadana Dam	Gujarat	99.18	Yes
9	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	Yes
10	Musi	Musi Project	Telangana	99	No
11	Betwa	Rajghat Dam	Madhya Pradesh	99	No
12	Krishna	Srisailem Dam	Andhra Pradesh	98	Yes
13	Krishna	Priyadarshini Jurala Project	Telangana	98	No
14	Mula	Mula Dam	Maharashtra	97.41	Yes
15	Mahi	Mahi Bajajsagar Dam	Rajasthan	97.11	Yes
16	Godavari	Jaikwadi Dam	Maharashtra	97.08	Yes
17	Krishna	Narayanpur Dam	Karnataka	97	No
18	Narmada	Bargi Dam	Madhya Pradesh	97	Yes
19	Koyna	Koyna Dam	Maharashtra	97	Yes
20	Warana	Warana Dam	Maharashtra	97	Yes
21	Cauvery	Krishnarajasagar	Karnataka	97	Yes
22	Narmada	Tawa Dam	Madhya Pradesh	97	No
23	Narmada	Indira Sagar Dam	Madhya Pradesh	97	No
24	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.6	Yes
25	Chambal	Rana Pratap Sagar	Rajasthan	96.14	Yes
26	Wardha	Upper Wardha Project	Maharashtra	96.11	Yes
27	Kabini	Kabini Dam	Karnataka	96	Yes
28	Hemavathy	Hemavathy Dam	Karnataka	96	Yes
29	Godavari	SripadaYellampally Dam	Telangana	95.95	No
30	Sabarmati	Dharoi Dam	Gujarat	95.3	Yes
31	Malaprabha	Malaprabha Dam	Karnataka	95	No
32	Bhadra	Bhadra Dam	Karnataka	95	Yes
33	Pench	Totladoh Project	Maharashtra	94.73	Yes
34	Narmada	Barna Dam	Madhya Pradesh	94	No
35	Penganga	Issapur Project	Maharashtra	93.33	Yes
36	Sone	Bansagar Dam	Madhya Pradesh	92	Yes
37	Harangi	Harangi Dam	Karnataka	90	Yes
38	Sindhpana	Manjlegaon	Maharashtra	89.97	Yes
39	Narmada	Sardar Sarovar Dam	Gujarat	88.97	Yes
40	Kalisindh	Kalisindh Dam	Rajasthan	88.54	Yes
41	Bhawani	Bhavanisagar	Tamil Nadu	86.28	Yes
42	Narmada	Omkareshwar Dam	Madhya Pradesh	86	No
43	Gambhiri	Panchana Dam	Rajasthan	85.67	Yes
44	Godavari	Sriramasagar	Telangana	85.22	No
45	Chambal	Gandhisagar Dam	Madhya Pradesh	85	No
46	Salandi	Salandi Dam	Odisha	84.4	Yes
47	Kaddamvagu	Kaddam Dam	Telangana	83.23	No
48	Tapi	Ukai Dam	Gujarat	83.1	Yes
49	Wainganga	Upper Wainganga Project	Madhya Pradesh	79.11	Yes
50	Mahanadi	Hirakud Dam	Odisha	76.3	Yes
51	Parwati	Parwati Dam	Rajasthan	75.25	Yes
52	Machhkund	Machhkund Project	Odisha	71.31	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).