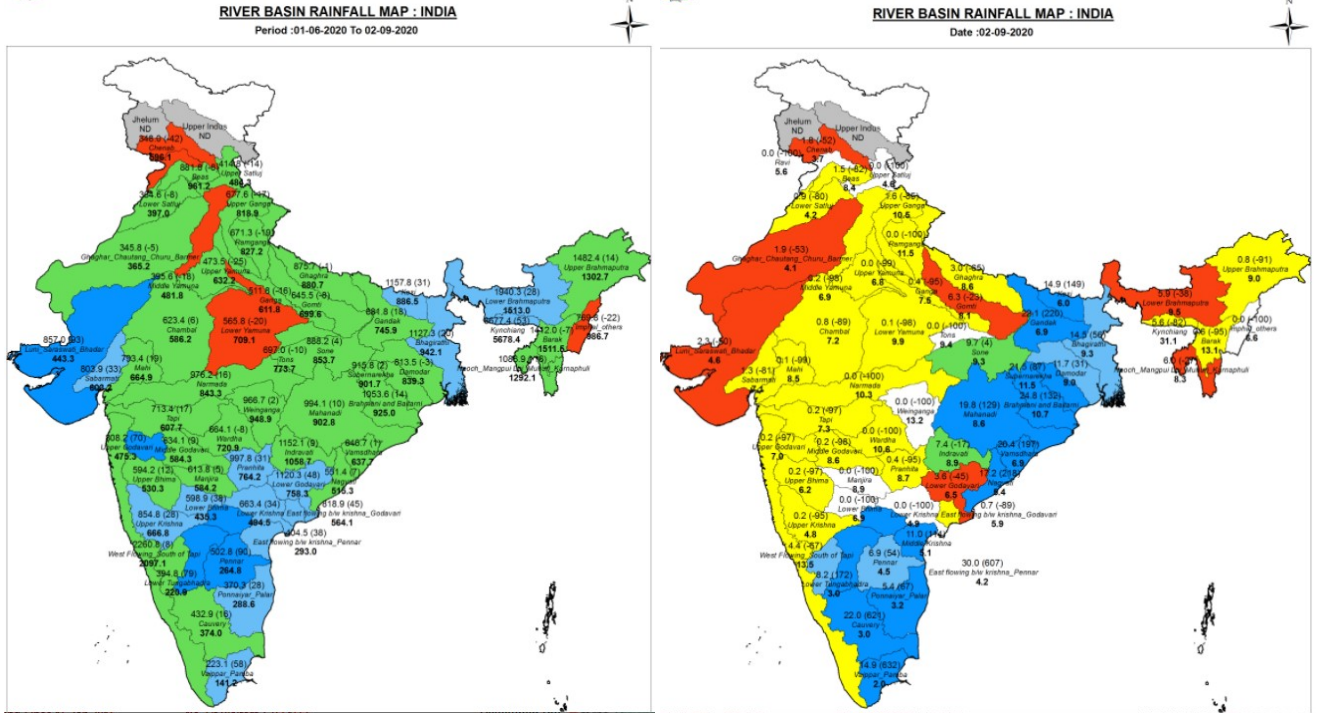




Central Water Commission
Daily Flood Situation Report cum Advisories
02-09-2020

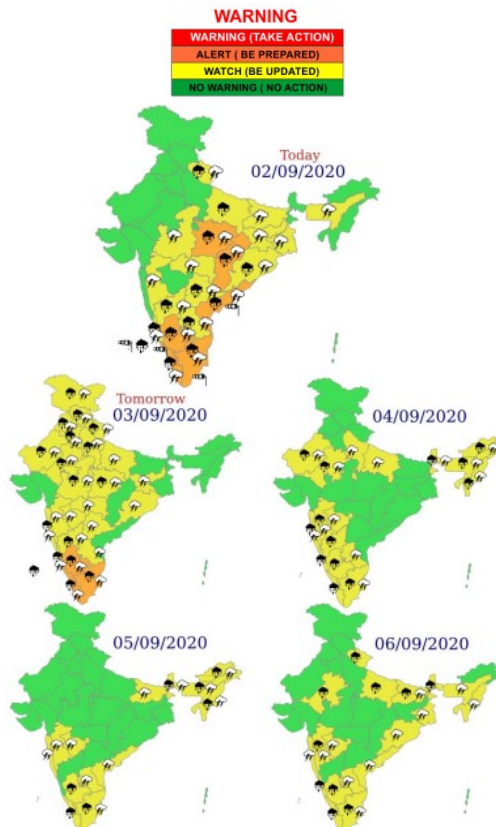
1.0 Rainfall Situation

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 2nd September, 2020 (Midday) by IMD



WARNING
WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

2.0 Flood Situation and Advisories

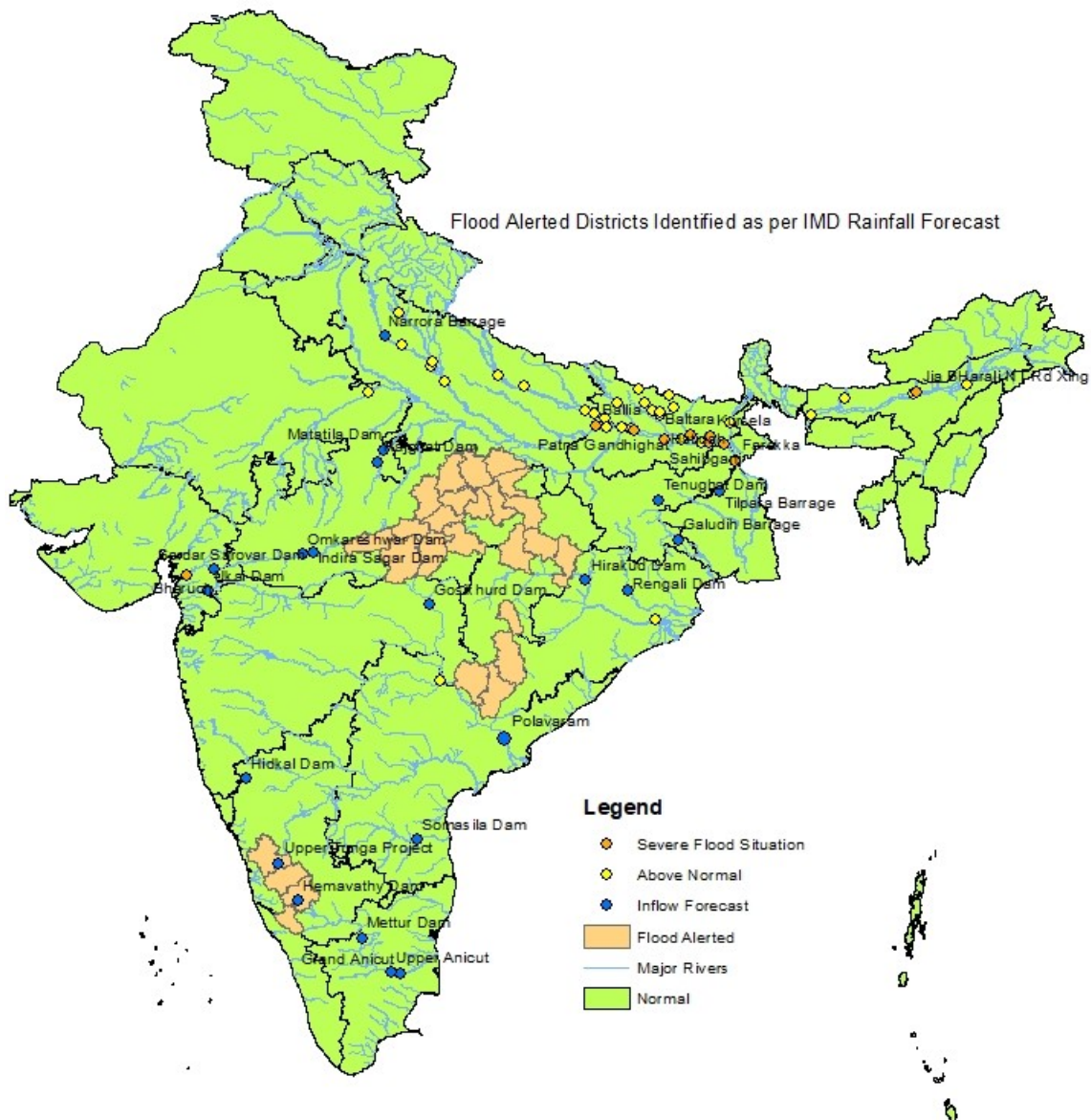
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 2nd September 2020, 11 Stations (6 in Bihar, 1 each in Uttar Pradesh, Gujarat, Assam, Jharkhand and West Bengal) are flowing in Severe Flood Situation and 31 stations (16 in Bihar, 8 in Uttar Pradesh, 4 in Assam 1 each in Odisha, Rajasthan and Telangana) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 22 Barrages & Dams (3 each in Tamilnadu, Madhya Pradesh & Karnataka, 2 each in Gujarat, Uttar Pradesh, Andhra Pradesh, Jharkhand and Odisha and 1 each in Maharashtra, Telangana & 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))	11
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	31
Total number of sites above Warning Level (A+B+C)		42
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)		22

Details can be seen in link- http://cwc.gov.in/sites/default/files/dfb202002092020_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

- Fairly widespread rainfall activity with heavy falls at isolated places very likely over East & central India during next 2 days. Isolated heavy to very heavy falls also very likely over Northeast Madhya Pradesh and Chhattisgarh during next 24 hours.
- Fairly widespread rainfall with Isolated heavy falls very likely over Northwest India and Western Himalayan Region on 03rd September, 2020.
- Fairly widespread to widespread rainfall with isolated heavy falls very likely over Peninsular India during next 4- 5 days. Isolated heavy to very heavy falls also very likely over south Interior Karnataka, Kerala and Tamilnadu on 02nd & 03rd and Coastal Andhra Pradesh 02nd September, 2020.

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

Heavy to Very Heavy Rainfall on 02nd & 03rd in **South Interior Karnataka, Kerala and Tamil Nadu** has been predicted with chances of flash floods in **Upper Cauvery Basin** during the next 24 hours. **Since most of the dams are having storage in excess of 90%, close watch is to be maintained for any abrupt increase in inflows due to such heavy rainfall in the reservoir area.**

Heavy to very heavy rainfall is very likely to occur over Coastal Andhra Pradesh on 02nd September, 2020 and rise in levels of East Flowing Rivers between Krishna & Pennar and in Pennar Basin is expected.

Heavy to very heavy rainfall forecast is issued in East Madhya Pradesh and Chhattisgarh for next 2 days. Bargi Dam on River Narmada in Jabalpur District & Bansagar Dam on River Sone in Shahdole District in Madhya Pradesh is having storage in excess of 90%. Close watch is to be maintained in Districts **Shahdole, Jabalpur, Mandla, Damoh, Narasinghpur, Seoni, Chhindwara** in **Madhya Pradesh** and Districts **Dhamtari & Korba** in **Chhattisgarh**.

Reduced inflows are still continuing in **Indirasagar, Omkareshwar and Sardar Sarovar Dam**. Release from **Sardar Sarovar Dam** has also reduced. However, Severe Flood Situation with falling trend at Bharuch District in Gujarat is continuing.

Rengali Dam on River Brahmani in Angul District in Odisha continues to flow above its FRL and presently is at 104.2% of its storage capacity. Today at 12:00 hrs, reservoir level was 123.88 m compared to FRL of 123.50 m; the inflow was 2068.22 cumec while the outflow was 2401.58 cumec. There is forecast of heavy rainfall in Angul district of Odisha today. Close watch has to be maintained for any abrupt increase in inflows due to forecasted rainfall in the reservoir catchment area.

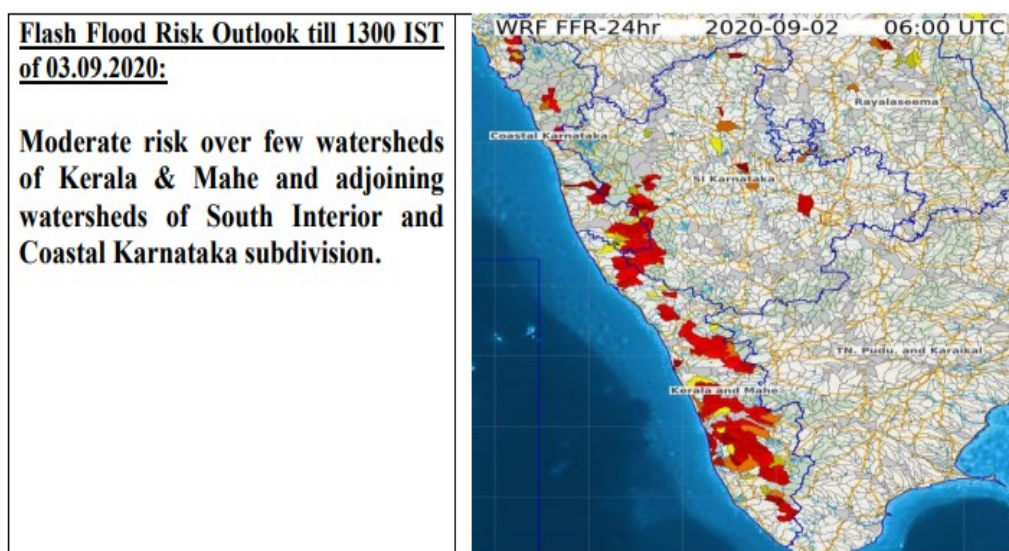
Impact Based Actions

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.

2.3 Flash Flood Guidance

The following areas have been covered under Flash Flood Guidance till 1300 IST of 03.09.2020 as per IMD:



3. Storage Position in Dams where Inflow forecast is being issued by CWC as on 2nd September 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Brahmani	Rengali Dam	Odisha	104.2	Yes
2	Nira	Veer Dam	Maharashtra	100	Yes
3	Purna	Yeldari Dam	Maharashtra	100	No
4	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
5	Krishna	Almatti Dam	Karnataka	100	Yes
6	Bhima	Ujjani Dam	Maharashtra	100	Yes
7	Ghataprabha	Hidkal Dam	Karnataka	100	Yes
8	Krishna	Narayanpur Dam	Karnataka	99	Yes
9	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	Yes
10	Musi	Musi Project	Telangana	99	Yes
11	Krishna	Srisaillam Dam	Andhra Pradesh	98	Yes
12	Betwa	Rajghat Dam	Madhya Pradesh	98	Yes
13	Mahi	Kadana Dam	Gujarat	97.7	No
14	Mula	Mula Dam	Maharashtra	97.42	Yes
15	Narmada	Bargi Dam	Madhya Pradesh	97	Yes
16	Koyna	Koyna Dam	Maharashtra	97	Yes
17	Warana	Warana Dam	Maharashtra	97	Yes
18	Krishna	Priyadarshini Jurala Project	Telangana	97	Yes
19	Hemavathy	Hemavathy Dam	Karnataka	97	Yes
20	Kabini	Kabini Dam	Karnataka	97	Yes
21	Cauvery	Krishnarajasagar	Karnataka	97	Yes
22	Mahi	Mahi Bajajsagar Dam	Rajasthan	96.8	No
23	Chambal	Rana Pratap Sagar	Rajasthan	96.16	No
24	Wardha	Upper Wardha Project	Maharashtra	96.11	Yes
25	Narmada	Indira Sagar Dam	Madhya Pradesh	96	Yes
26	Narmada	Tawa Dam	Madhya Pradesh	96	Yes
27	Godavari	SripadaYellampally Dam	Telangana	95.78	Yes
28	Pench	Totladoh Project	Maharashtra	95.33	Yes
29	Bhadra	Bhadra Dam	Karnataka	95	Yes
30	Godavari	Jaikwadi Dam	Maharashtra	94.5	No
31	Narmada	Barna Dam	Madhya Pradesh	94	Yes
32	Harangi	Harangi Dam	Karnataka	94	Yes
33	Som Kamla	Som Kamla Amba Dam	Rajasthan	93.91	No
34	Penganga	Issapur Project	Maharashtra	93.14	No
35	Kalisindh	Kalisindh Dam	Rajasthan	93.08	No
36	Malaprabha	Malaprabha Dam	Karnataka	93	Yes
37	Sabarmati	Dharoi Dam	Gujarat	92.4	No
38	Sone	Bansagar Dam	Madhya Pradesh	92	Yes
39	Sindhpana	Manjlegaon	Maharashtra	89.45	No
40	Bhavani	Bhavani Sagar	Tamil Nadu	86.49	Yes
41	Kaddamvagu	Kaddam Dam	Telangana	86.15	Yes
42	Salandi	Salandi Dam	Odisha	85.5	Yes
43	Godavari	Sriramasagar	Telangana	85.22	Yes
44	Gambhiri	Panchana Dam	Rajasthan	84.1	No
45	Chambal	Gandhisagar Dam	Madhya Pradesh	84	Yes
46	Narmada	Sardar Sarovar Dam	Gujarat	82.28	No
47	Tapi	Ukai Dam	Gujarat	81.51	No
48	Mahanadi	Hirakud Dam	Odisha	80.5	Yes
49	Wainganga	Upper Wainganga Project	Madhya Pradesh	79.68	Yes
50	Parwati	Parwati Dam	Rajasthan	73.97	No
51	Machhkund	Machhkund Project	Odisha	70.99	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).