



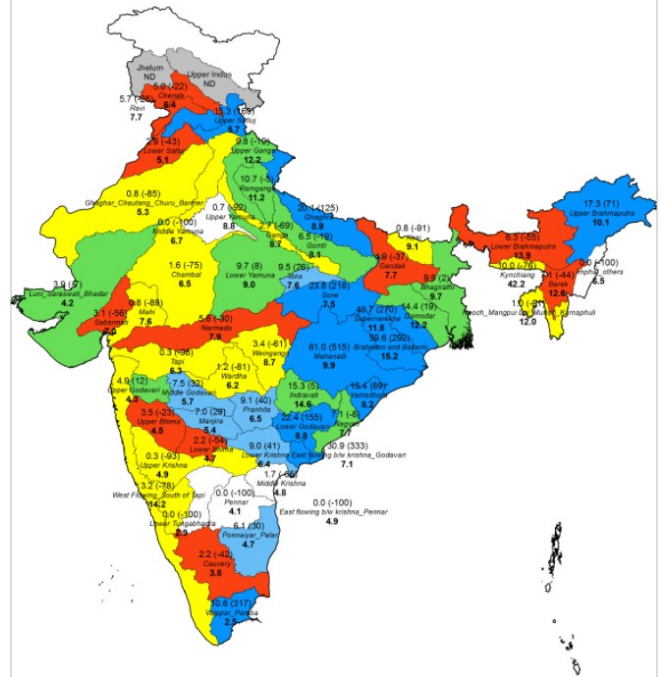
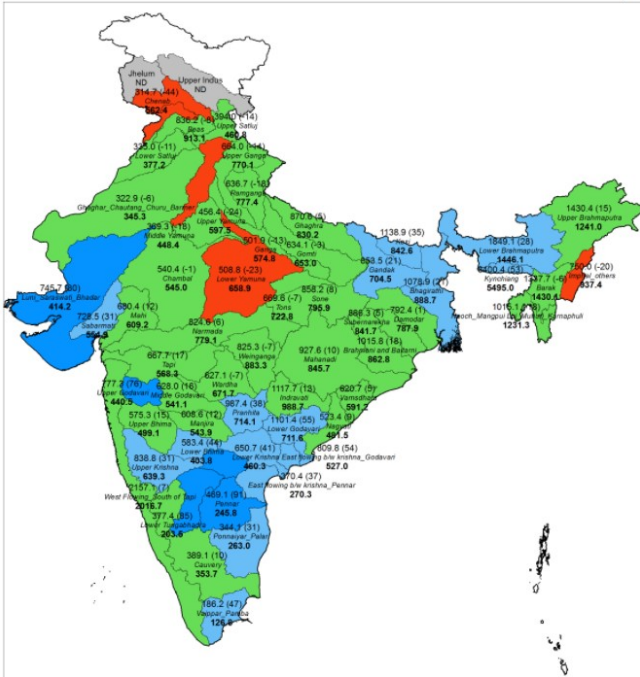
Central Water Commission
Daily Flood Situation Report cum Advisories
27-08-2020

1.0 IMD information

1.1 Basin wise departure from normal of cumulative and daily rainfall

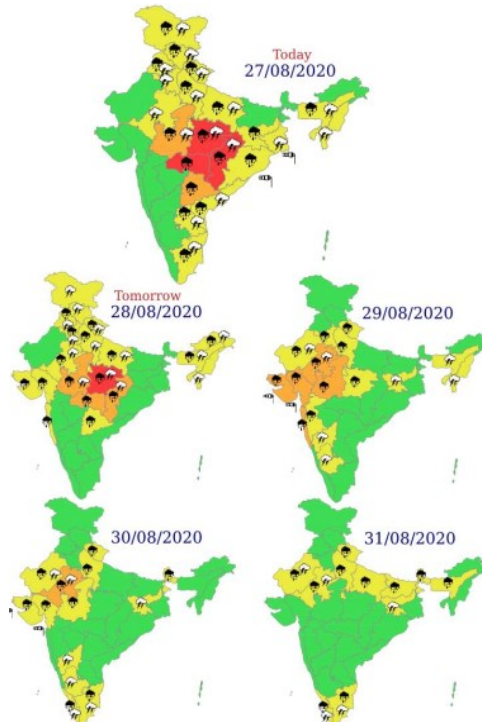
RIVER BASIN RAINFALL MAP : INDIA
 Period :01-06-2020 To 27-08-2020

RIVER BASIN RAINFALL MAP : INDIA
 Date :27-08-2020



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 27th August 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 27th August 2020

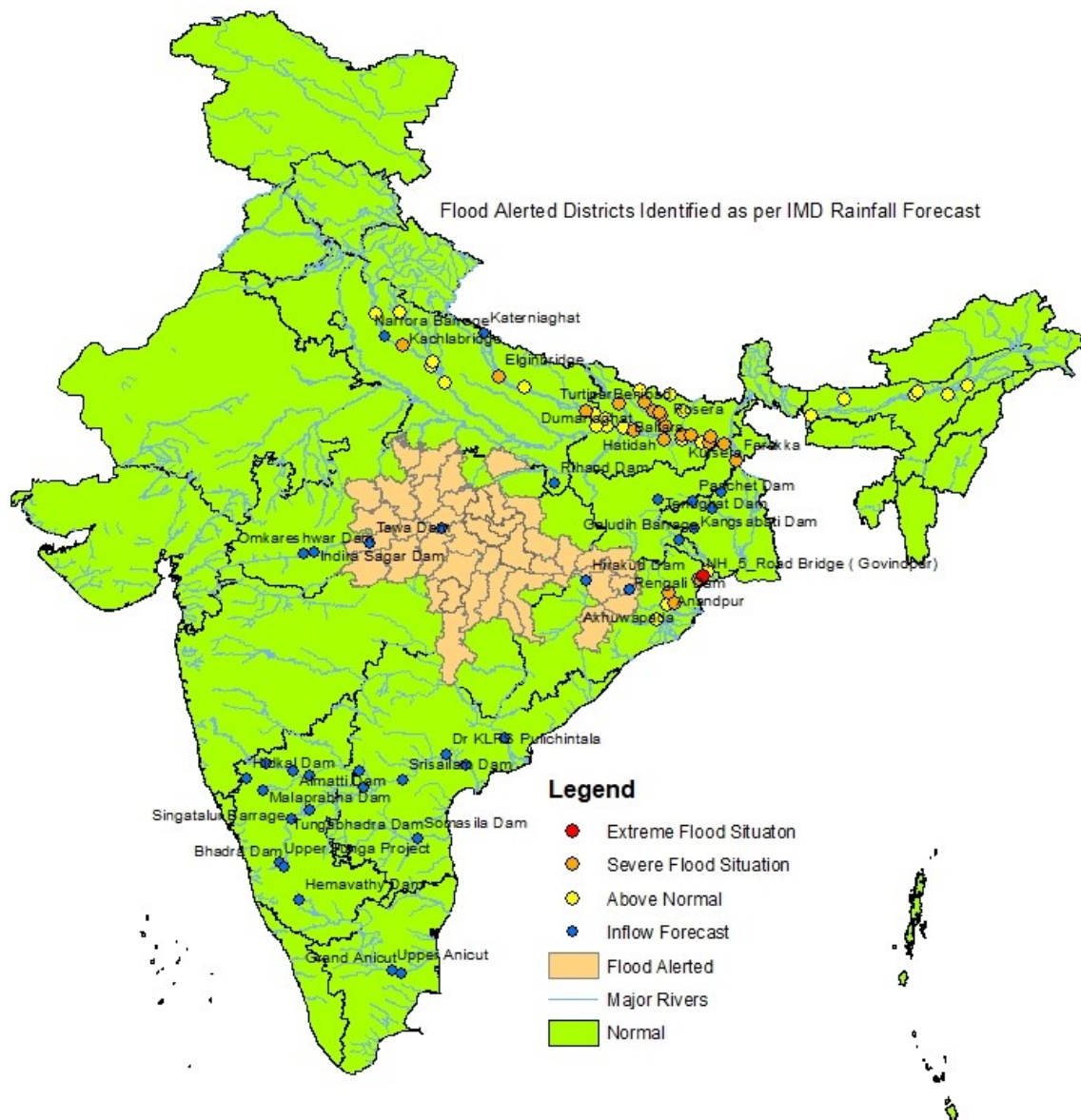
2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 27th August 2020, 1 Station in Odisha is flowing in Extreme Flood Situation, 20 Stations (12 in Bihar, 3 in Uttar Pradesh, 3 in Odisha and 1 each in Jharkhand & West Bengal) are flowing in Severe Flood Situation and 26 stations (10 in Bihar, 7 in Uttar Pradesh, 6 in Assam and 3 in Odisha) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 35 Barrages & Dams (10 in Karnataka, 6 in Andhra Pradesh, 4 in Madhya Pradesh, 3 each in Jharkhand, Uttar Pradesh & West Bengal, 2 each in Odisha, Tamilnadu & 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)	1
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	20
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	26
Total number of sites above Warning Level (A+B+C)		47
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)		35

Details can be seen in link - http://cwc.gov.in/sites/default/files/cfcr-cwcdfb27082020_5.pdf

2.1.2 Flood Situation Map



2.2 CWC Advisories

- Widespread rainfall with Isolated Extremely Heavy falls is very likely over East Madhya Pradesh on 27th & 28th and over Chhattisgarh & Vidarbha on 27th August, 2020.
- Scattered to fairly widespread rainfall with isolated heavy falls very likely over Uttarakhand & West Uttar Pradesh till 31st; over Punjab on 27th & 28th; over Haryana, Chandigarh & Delhi on 28th & 29th; over West Rajasthan during 29th-31st; over East Rajasthan during 28th-31st August, 2020.
- Isolated heavy to very heavy falls are very likely over East Rajasthan on 29th & 30th August, 2020.

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

Rengali Dam on River Brahmani in Angul District in Odisha has crossed its FRL and releases are being maintained lower than inflow to avoid downstream flooding. Close watch has to be maintained to operate the gates of reservoir taking into account any local heavy rainfall in its catchment in order to avoid touching MWL.

River **Subarnarekha** at **Mathani Road Bridge** in **Odisha** continues to flow in Extreme Flood Situation with falling trend. Rivers **Subarnarekha, Burhabalang, Brahmani, Baitarni & Mahanadi** in Odisha are rising due to the heavy rainfall. Rivers **Mahanadi & its tributaries** in **Chhattisgarh** are expected to rise rapidly due to forecasted extreme rainfall in in next 2 days. Increase in inflows into **Hirakud Dam, Rengali Dam & Salandi Dam** in **Odisha**, **Ravishankar Dam & Bango Dam** in **Chhattisgarh** is expected. Close watch is to be maintained in Districts **Baleshwar, Sambalpur, Bhadrak, Jajapur, Cuttack, Angul, Mayurbanj, Kendujar** in **Odisha**, and **Korba, Dhamtari, Raipur, Mahasamund & Champa** in **Chhattisgarh**.

Rivers **Sone, Narmada, Tapi, Pench & Wainganga** in **East Madhya Pradesh** and Rivers **Wainganga and Wardha** in **Maharashtra** are expected to rise rapidly due to forecasted extreme rainfall in next 2 days. **Bansagar Dam, Bargi Dam, & Upper Wainganga Dam** in **Madhya Pradesh** and **Totladoh Dam, Gosikhurd Dam & Upper Wardha Dam** in **Maharashtra** are expected to get heavy inflows. Close watch is to be maintained in Districts **Shahdole, Balaghat, Jabalpur, Mandla, Seoni, Chhindwara, Betul** in **Madhya Pradesh** and **Nagpur, Bhandara, Gondia, Amaravati** in **Maharashtra**.

River **Godavari** is expected to rise due to forecasted very heavy rainfall in **Telangana** in conjunction with rise in rivers **Wainganga & Wardha**. Close watch is to be maintained in **Sriramsagar Dam, Kaddam Dam, Sripada Yellampally Dam, Laxmi Barrage** in Districts of **Nizamabad, Adilabad, Karimnagar & Jayashankar Bhupalapally** in **Telangana**.

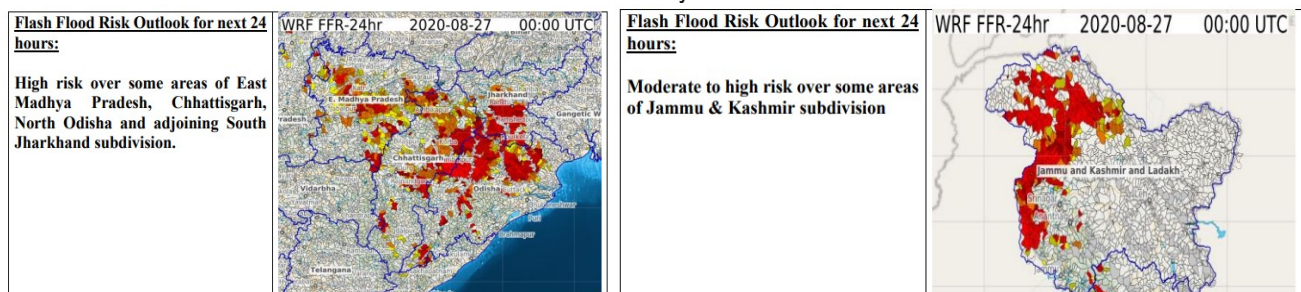
Impact Based Actions

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

Flash Flood Guidance for next 24 hours issued at 0700 hrs IST by IMD:



3. Flood Alerted Districts

- Odisha:** Districts along rivers Subarnarekha, Brahmani & Baitarni, Mahanadi, Indravathi, Sabari
Chhattisgarh: Districts along rivers Mahanadi & its tributaries
Madhya Pradesh: Districts along rivers Narmada, Sone, Tapi, Pench & Wainganga
Maharashtra: Districts along rivers Wainganga and Wardha
Telangana: Districts along rivers Godavari, Wainganga & Wardha

3.1 Storage Position in Dams where Inflow forecast is being issued by CWC as on 27th August 2020

S. No.	River	Station	State	Present Gross Storage(%)	Rainfall Warning
1	Brahmani	Rengali Dam	Odisha	100	Yes
2	Nira	Veer Dam	Maharashtra	100	No
3	Purna	Yeldari Dam	Maharashtra	100	No
4	Tungabhadra	Tungabhadra Dam	Karnataka	100	No
5	Ghataprabha	Hidkal Dam	Karnataka	100	No
6	Kabini	Kabini Dam	Karnataka	99	No
7	Cauvery	Krishnarajasagar	Karnataka	99	No
8	Hemavathy	Hemavathy Dam	Karnataka	99	No
9	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	Yes
10	Krishna	Srisaillam Dam	Andhra Pradesh	98	Yes
11	Krishna	Almatti Dam	Karnataka	98	No
12	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	Yes
13	Mahi	Kadana Dam	Gujarat	96.46	No
14	Godavari	Sripada Yellampally Dam	Telangana	96.29	Yes
15	Harangi	Harangi Dam	Karnataka	96	No
16	Bhadra	Bhadra Dam	Karnataka	95	No
17	Wardha	Upper Wardha Project	Maharashtra	94.69	Yes
18	Pench	Totladoh Project	Maharashtra	95	Yes
19	Mahi	Mahi Bajajsagar Dam	Rajasthan	94.33	Yes
20	Warana	Warana Dam	Maharashtra	94	No
21	Krishna	Priyadarshini Jurala Project	Telangana	94	Yes
22	Kalisindh	Kalisindh Dam	Rajasthan	93.12	Yes
23	Narmada	Bargi Dam	Madhya Pradesh	93	Yes
24	Malaprabha	Malaprabha Dam	Karnataka	92	No
25	Koyna	Koyna Dam	Maharashtra	92	No
26	Narmada	Indira Sagar Dam	Madhya Pradesh	92	Yes
27	Krishna	Narayanpur Dam	Karnataka	92	No
28	Musi	Musi Project	Telangana	91	Yes
29	Sone	Bansagar Dam	Madhya Pradesh	91	Yes
30	Mula	Mula Dam	Maharashtra	90.45	No
31	Penganga	Issapur Project	Maharashtra	90.39	No
32	Narmada	Barna Dam	Madhya Pradesh	90	Yes
33	Bhima	Ujjani Dam	Maharashtra	90	No
34	Betwa	Rajghat Dam	Madhya Pradesh	89	Yes
35	Narmada	Tawa Dam	Madhya Pradesh	89	Yes
36	Kaddamvagu	Kaddam Dam	Telangana	88.83	Yes
37	Hasdeo	Bango Dam	Chattisgarh	87.12	Yes
38	Sindhpana	Manjlegaon	Maharashtra	85.91	No
39	Godavari	Jaikwadi Dam	Maharashtra	84.17	No
40	Gambhiri	Panchana Dam	Rajasthan	84.1	Yes
41	Wainganga	Upper Wainganga Project	Madhya Pradesh	83.64	Yes
42	Godavari	Sriramasagar	Telangana	80.77	Yes
43	Chambal	Gandhisagar Dam	Madhya Pradesh	79	Yes
44	Mahanadi	Ravishankar Dam	Chattisgarh	77.93	Yes
45	Tapi	Ukai Dam	Gujarat	76.09	No
46	Chambal	Rana Pratap Sagar	Rajasthan	75.84	Yes
47	Narmada	Sardar Sarovar Dam	Gujarat	74.05	No
48	Machhkund	Machhkund Project	Odisha	71.1	Yes
49	Salandi	Salandi Dam	Odisha	70.5	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).