



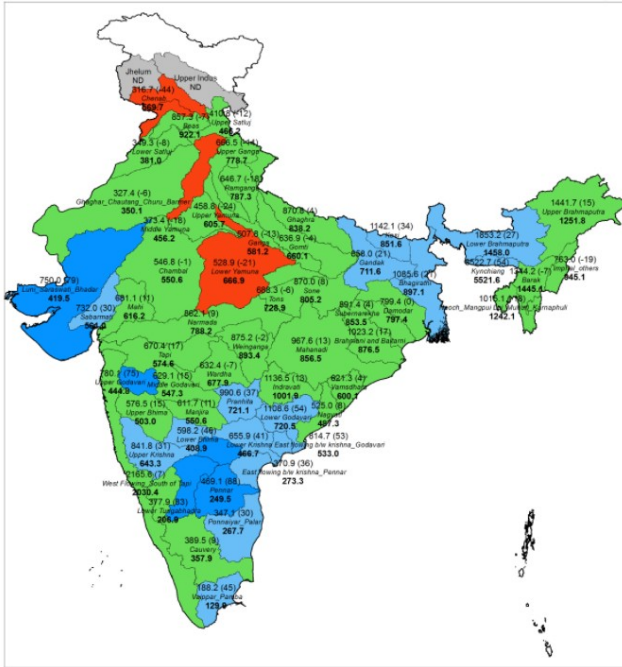
Central Water Commission
Daily Flood Situation Report cum Advisories
28-08-2020

1.0 IMD information

1.1 Basin wise departure from normal of cumulative and daily rainfall

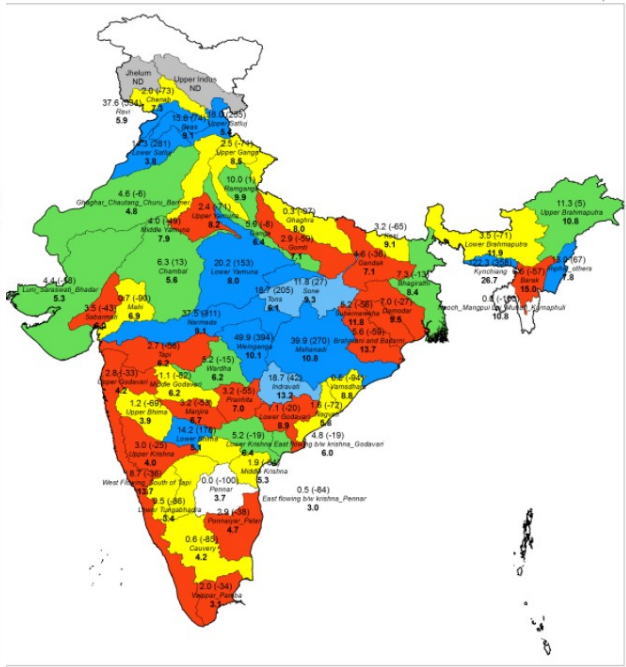
RIVER BASIN RAINFALL MAP : INDIA

Period :01-08-2020 To 28-08-2020



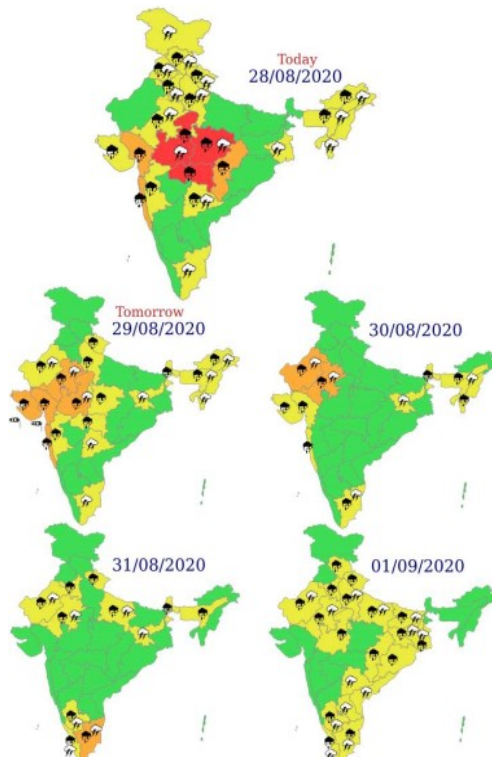
RIVER BASIN RAINFALL MAP : INDIA

Date :28-08-2020



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 28th August 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 28th August 2020

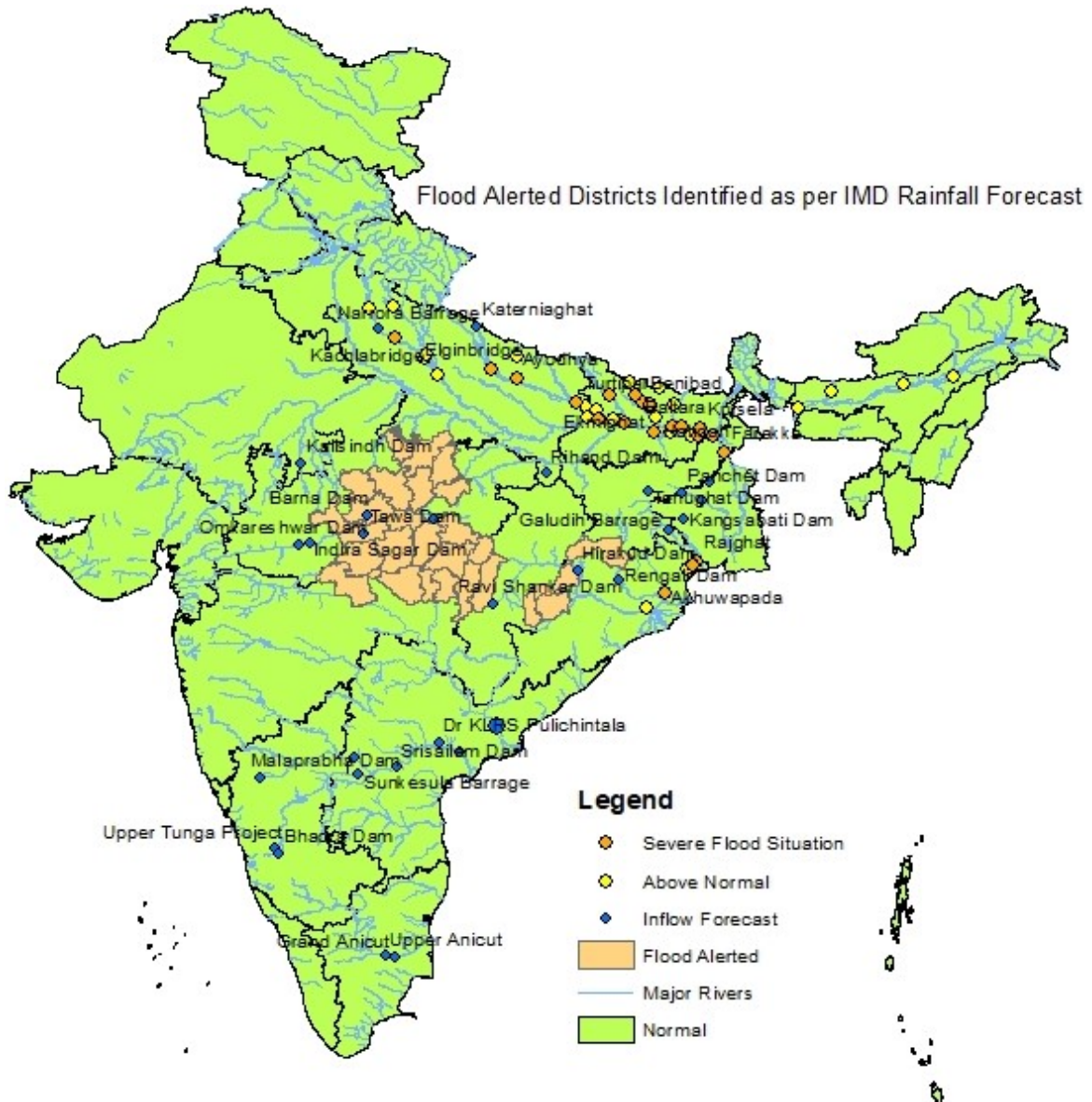
2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 28th August 2020, 22 Stations (12 in Bihar, 4 in Uttar Pradesh, 4 in Odisha and 1 each in Jharkhand & West Bengal) are flowing in Severe Flood Situation and 23 stations (10 in Bihar, 7 in Uttar Pradesh, 4 in Assam and 2 in Odisha) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 31 Barrages & Dams (6 in Madhya Pradesh, 4 in Andhra Pradesh, 3 each in Jharkhand, Karnataka, Uttar Pradesh & West Bengal, 2 each in Odisha, Tamilnadu & Telangana, 1 each in Chhattisgarh, Maharashtra & Rajasthan).

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))	22
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	23
Total number of sites above Warning Level (A+B+C)		45
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)		31

Details can be seen in link - http://cwc.gov.in/sites/default/files/cfcr-cwcdfb28082020_5.pdf

2.1.2 Flood Situation Map



2.2 CWC Advisories

- Widespread rainfall with heavy to very heavy falls likely over Madhya Pradesh, Vidharbha and Konkan & Goa on 28th & 29th August; over Chhattisgarh 28th August, 2020; over Gujarat state on 28th, 29th & 30th August. Isolated Extremely Heavy falls are very likely over Madhya Pradesh and Vidarbha on today, the 28th August, 2020.
- Fairly widespread rainfall with Isolated heavy falls and thunderstorm & lightning very likely over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh on today, the 28th August, 2020.
- Fairly widespread rainfall with Isolated heavy falls and thunderstorm & lightning also very likely over Rajasthan during 29th August to 01st September, 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 continues to flow above its FRL but with falling trend as the releases have been increased.

River **Mahanadi** at **Kalma** in **Janjgir Champa** District, River **Kharun** at **Pathardihi** in **Raipur** District of **Chhattisgarh** are flowing in **Extreme** Flood Situation with rising trend. These are directly contributing to **Hirakud Dam** on river **Mahanadi** in **Sambalpur** District of **Odisha**.

Since many of the CWC Flood Monitoring Stations have crossed their Highest Flood Level in **Chhattisgarh**, the inflow into Hirakud is increasing rapidly and since the dam is more than 78% full, close watch is to be maintained for operating the gates of **Hirakud Dam**.

Rivers **Mahanadi** & its **tributaries** in **Chhattisgarh** and **Odisha** is expected to continue flowing in flood situation due to forecasted very heavy rainfall in Chhattisgarh today. Increase in inflows into **Hirakud Dam** in **Odisha**, **Ravishankar Dam** & **Bango Dam** in **Chhattisgarh** is expected. Close watch is to be maintained in Districts **Baleswar**, **Sambalpur**, **Bhadrak**, **Jajapur**, **Cuttack**, **Angul**, **Mayurbhanj**, **Kendujar** in **Odisha**, and **Korba**, **Dhamtari**, **Raipur**, **Mahasamund** & **Champa** in **Chhattisgarh**.

Rivers **Narmada**, **Tapi**, **Chambal**, **Sone**, **Betwa**, **Pench** & **Wainganga** in **Madhya Pradesh**, Rivers **Wainganga** & **Wardha** in **Maharashtra** and Rivers **Mahi** & **Chambal** and their **tributaries** in **East Rajasthan** are expected to rise rapidly due to forecasted very heavy rainfall in next 2-3 days. **Gandhisagar Dam**, **Bansagar Dam**, **Bargi Dam**, **Barna Dam**, **Tawa Dam**, **Indira Sagar Dam**, **Omkareshwar Dam**, **Rajghat Dam** & **Upper Wainganga Dam** in **Madhya Pradesh**, **Totladoh Dam**, **Gosikhurd Dam** & **Upper Wardha Dam** in **Maharashtra** and **Som Kamala Amba Dam**, **Kalisindh Dam**, **Mahi Bajaj Sagar Dam**, **Panchana Dam** & **Rana Pratap Sagar Dam** in **Rajasthan** are expected to get heavy inflows. Close watch is to be maintained in Districts **Shahdole**, **Balaghat**, **Jabalpur**, **Mandla**, **Seoni**, **Chhindwara**, **Betul**, **Narasimhapur**, **Raisen**, **East & West Nimar**, **Dhar** in **Madhya Pradesh**, Districts **Nagpur**, **Bhandara**, **Gondia** & **Amaravati** in **Maharashtra** and Districts **Tonk**, **Banswara**, **Udaipur**, **Jhalawar**, **Baran**, **Chittorgarh**, **Karrauli**, **Bundi**, **Dholpur** & **Kota** in **Rajasthan**.

Rivers **Narmada**, **Mahi**, **Sabarmati** in **Gujarat** and **West Flowing Rivers** in **Gujarat**, **Konkan** & **Goa** are expected to rise due to forecasted heavy to very heavy rainfall in the next 3 days. **Kadana Dam**, **Ukai Dam**, **Panam Dam**, **Madhuban Dam**, **Sardar Sarovar Dam** & **Dharoi Dam** in **Gujarat** are expected to get increased inflows. Close watch is to be maintained in Districts of **Mahisagar**, **Mehsana**, **Tapi**, **Valsad**, **Panchmahal**, **Ahmedabad**, **Banaskantha** & **Mehsana** in **Gujarat**.

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 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
Rajasthan:	Districts along rivers Chambal, Mahi and their tributaries

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 28th August 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Brahmani	Rengali Dam	Odisha	104.4	No
2	Nira	Veer Dam	Maharashtra	100	Yes
3	Purna	Yeldari Dam	Maharashtra	100	No
4	Tungabhadra	Tungabhadra Dam	Karnataka	100	No
5	Ghataprabha	Hidkal Dam	Karnataka	100	No
6	Narmada	Barna Dam	Madhya Pradesh	100	Yes
7	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	No
8	Krishna	Almatti Dam	Karnataka	99	No
9	Kabini	Kabini Dam	Karnataka	98.41	No
10	Hemavathy	Hemavathy Dam	Karnataka	98.13	No
11	Cauvery	Krishnarajasagar	Karnataka	98.08	No
12	Mahi	Kadana Dam	Gujarat	97.53	Yes
13	Krishna	Srisaillam Dam	Andhra Pradesh	97	No
14	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	Yes
15	Godavari	Sripada Yellampally Dam	Telangana	96.29	Yes
16	Harangi	Harangi Dam	Karnataka	95.02	No
17	Bhadra	Bhadra Dam	Karnataka	95	No
18	Wardha	Upper Wardha Project	Maharashtra	94.69	Yes
19	Pench	Totladoh Project	Maharashtra	95	Yes
20	Mahi	Mahi Bajajsagar Dam	Rajasthan	94.33	Yes
21	Warana	Warana Dam	Maharashtra	94	Yes
22	Krishna	Priyadarshini Jurala Project	Telangana	94	Yes
23	Krishna	Narayanpur Dam	Karnataka	94	No
24	Kalisindh	Kalisindh Dam	Rajasthan	93.12	Yes
25	Narmada	Bargi Dam	Madhya Pradesh	93	Yes
26	Koyna	Koyna Dam	Maharashtra	93	Yes
27	Musi	Musi Project	Telangana	93	Yes
28	Malaprabha	Malaprabha Dam	Karnataka	92	No
29	Narmada	Indira Sagar Dam	Madhya Pradesh	92	Yes
30	Mula	Mula Dam	Maharashtra	91.49	Yes
31	Sone	Bansagar Dam	Madhya Pradesh	91	Yes
32	Narmada	Tawa Dam	Madhya Pradesh	91	Yes
33	Bhima	Ujjani Dam	Maharashtra	91	Yes
34	Penganga	Issapur Project	Maharashtra	90.39	No
35	Betwa	Rajghat Dam	Madhya Pradesh	89	Yes
36	Hasdeo	Bango Dam	Chhattisgarh	87.12	Yes
37	Sindhpana	Manjlegaon	Maharashtra	86.18	No
38	Godavari	Jaikwadi Dam	Maharashtra	85.53	No
39	Kaddamvagu	Kaddam Dam	Telangana	85.26	Yes
40	Godavari	Sriramasagar	Telangana	85.08	Yes
41	Gambhiri	Panchana Dam	Rajasthan	84.1	Yes
42	Wainganga	Upper Wainganga Project	Madhya Pradesh	83	Yes
43	Chambal	Gandhisagar Dam	Madhya Pradesh	79	Yes
44	Mahanadi	Hirakud Dam	Odisha	78.8	No
45	Mahanadi	Ravishankar Dam	Chhattisgarh	77.93	Yes
46	Tapi	Ukai Dam	Gujarat	76.82	Yes
47	Chambal	Rana Pratap Sagar	Rajasthan	75.84	Yes
48	Narmada	Sardar Sarovar Dam	Gujarat	75.24	Yes
49	Machhkund	Machhkund Project	Odisha	72.3	No
50	Sabarmati	Dharoi Dam	Gujarat	70.64	Yes
51	Salandi	Salandi Dam	Odisha	70.5	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).