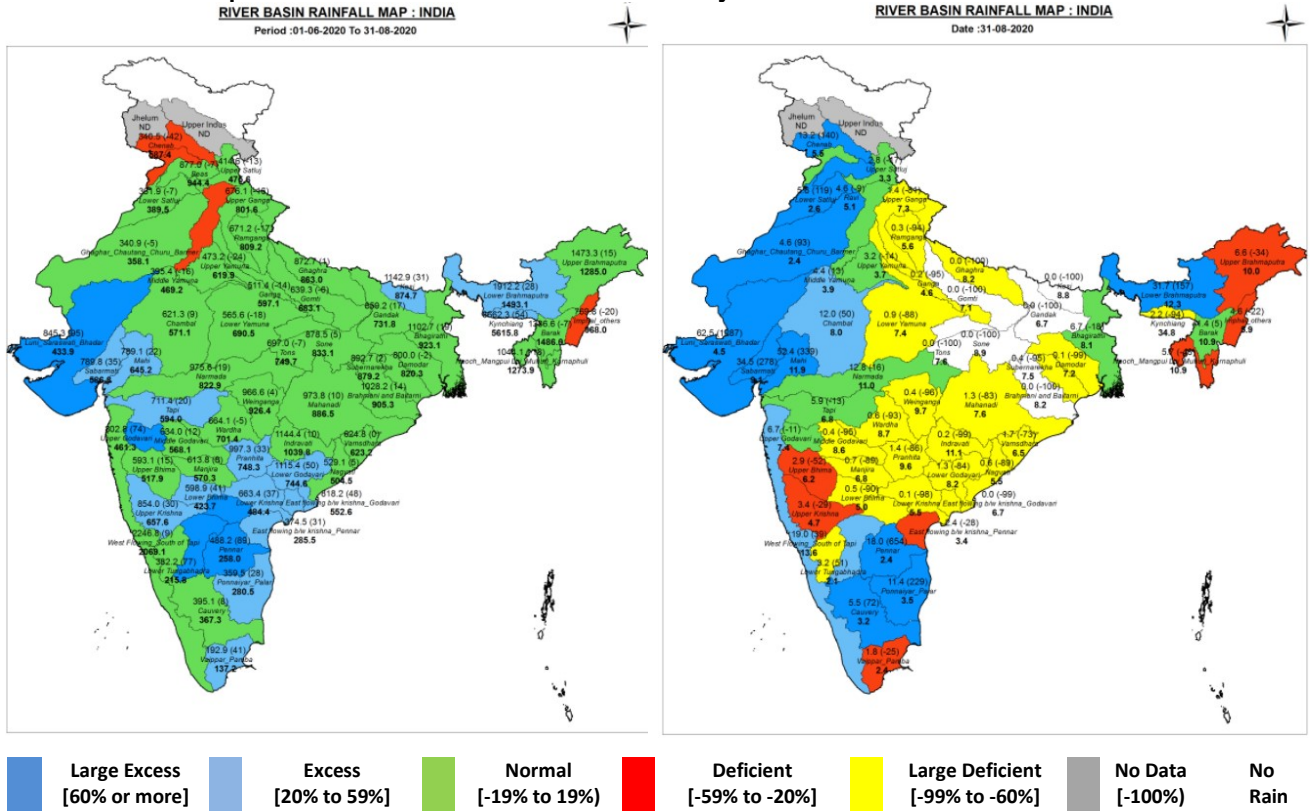




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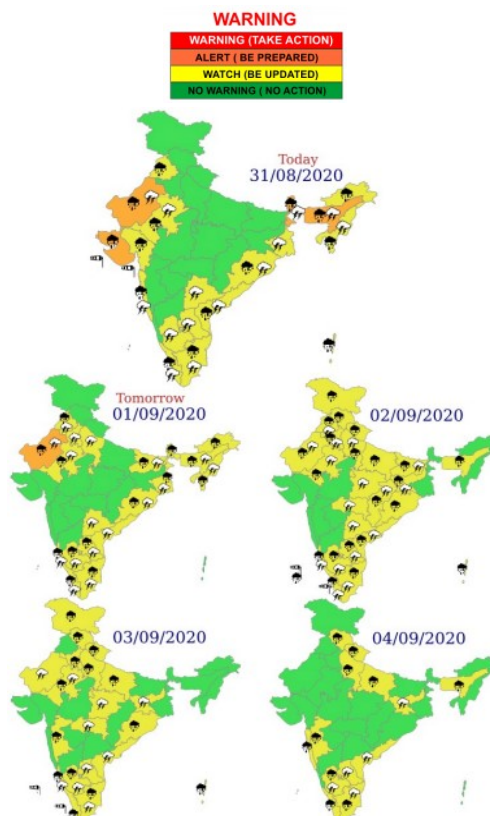
1.0 Rainfall Situation

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 31st August 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 31st August 2020, 19 Stations (7 in Bihar, 3 in Uttar Pradesh, 2 each in Gujarat & Maharashtra and 1 each in Assam, Jharkhand, Madhya Pradesh, Odisha & West Bengal) are flowing in Severe Flood Situation and 30 stations (14 in Bihar, 7 in Uttar Pradesh, 5 in Assam, 2 in Odisha and 1 each in Gujarat & Rajasthan) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 24 Barrages & Dams (6 in Madhya Pradesh, 3 in Uttar Pradesh, 2 each in Andhra Pradesh, Gujarat, Jharkhand, Maharashtra, West Bengal & Tamilnadu, 1 each in Odisha, Rajasthan & 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))	19
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	30
Total number of sites above Warning Level (A+B+C)		49
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)		24

Details can be seen in link- http://cwc.gov.in/sites/default/files/cfc-cwcdcf31082020_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

- Widespread rainfall with isolated heavy to very heavy falls very likely over West Rajasthan on 31st August & 01st September and over Kutch on 31st August, 2020. It is very likely to decrease significantly thereafter.
- Fairly widespread rainfall with Isolated heavy falls very likely over Northwest India and Western Himalayan Region during 02nd & 03rd September, 2020.
- Rainfall intensity over peninsular India is very likely to increase from 01st September. South Interior Karnataka, Kerala and Tamil Nadu are very likely to receive Isolated Heavy to Very Heavy falls on 02nd & 03rd 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. There is forecast of heavy rainfall (65.5 to 115.5 mm) in Kendujar district of Odisha during the next 4 days. Close watch has to be maintained for any abrupt increase in inflows due to such heavy rainfall in the reservoir area.

Due to significant reduction in rainfall, River **Wainganga** has started falling at Bhandara & Pauni in **Bhandara** District of Maharashtra but continues to flow in Severe Flood Situation. Inflows are reducing in **Gosikhurd Project** on river **Wainganga** in **Bhandara** District. Excess flow is released from Gosikhurd Project due to which river **Wainganga** is rising in **Gadchiroli** District of **Maharashtra**. River **Wardha** is also contributing to flow in river **Wainganga** and the combined flow is increasing the inflow into **Laxmi Barrage** on river **Godavari** in **Jayasankar Bhupalpalle** District of **Telangana**.

Due to significant reduction in rainfall, River **Narmada** has started falling in its upper reaches. It continues to flow in severe flood situation in **Hoshangabad** Districts of **Madhya Pradesh**. Heavy inflows are still continuing in **Indirasagar**, **Omkareshwar** and **Sardar Sarovar** Dam. Releases from **Sardar Sarovar** Dam gave rise to Severe Flooding Situation in **Garudeshwar** in **Narmada** District, **Bharuch** in **Bharuch** District of **Gujarat**.

Due to reduction in rainfall Rivers **Mahanadi** & its **tributaries** in **Chhattisgarh** & **Odisha** are expected to slowly fall with reduction in inflows into major reservoirs. However, close watch is to be maintained in Districts **Sambalpur**, **Bhadrak**, **Jajapur**, **Cuttack**, **Angul**, **Mayurbhanj**, **Kendujar** in **Odisha** and **Raipur** & **Champa** in **Chhattisgarh**.

River Chambal and its Tributaries are getting slow inflows in its Reservoir systems such as **Gandhisagar** in **Mandsaur** District of **Madhya Pradesh**, **Rana Pratap Sagar** in **Chittorgarh** District and **Kalisindh** Dam in **Jhalawar** District of **Rajasthan**. Due to releases from these dams on 30th August, River **Chambal** is rising rapidly at **Dholpur**, in **Dholpur** District of **Rajasthan** and is expected to rise above Danger Level by midnight of 31st August 2020.

Forecasted Heavy to Very Heavy Rainfall in the next 3 days in **South Interior Karnataka**, **Kerala** and **Tamil Nadu**, increase in inflows into reservoirs in **Upper Cauvery Basin** is expected. **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.**

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

There is no area which has been covered under Flash Flood Guidance for next 24 hours as per IMD.

3. Storage Position in Dams where Inflow forecast is being issued by CWC as on 31st August 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Brahmani	Rengali Dam	Odisha	101.5	Yes
2	Nira	Veer Dam	Maharashtra	100	No
3	Purna	Yeldari Dam	Maharashtra	100	No
4	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
5	Ghataprabha	Hidkal Dam	Karnataka	100	No
6	Krishna	Almatti Dam	Karnataka	100	No
7	Pench	Totladoh Project	Maharashtra	100	No
8	Krishna	Narayanpur Dam	Karnataka	100	No
9	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	Yes

10	Narmada	Indira Sagar Dam	Madhya Pradesh	99	No
11	Krishna	Srisailem Dam	Andhra Pradesh	98	Yes
12	Musi	Musi Project	Telangana	98	Yes
13	Krishna	Priyadarshini Jurala Project	Telangana	98	Yes
14	Bhima	Ujjani Dam	Maharashtra	98	No
15	Narmada	Bargi Dam	Madhya Pradesh	97	No
16	Mula	Mula Dam	Maharashtra	96.49	No
17	Godavari	SripadaYellampally Dam	Telangana	96.29	Yes
18	Hemavathy	Hemavathy Dam	Karnataka	96	Yes
19	Kabini	Kabini Dam	Karnataka	96	Yes
20	Cauvery	Krishnarajasagar	Karnataka	96	Yes
21	Warana	Warana Dam	Maharashtra	96	No
22	Koyna	Koyna Dam	Maharashtra	96	No
23	Mahi	Mahi Bajajsagar Dam	Rajasthan	95.52	Yes
24	Wardha	Upper Wardha Project	Maharashtra	94.84	No
25	Bhadra	Bhadra Dam	Karnataka	94	Yes
26	Som Kamla	Som Kamla Amba Dam	Rajasthan	93.91	Yes
27	Narmada	Tawa Dam	Madhya Pradesh	93	No
28	Betwa	Rajghat Dam	Madhya Pradesh	93	No
29	Harangi	Harangi Dam	Karnataka	93	Yes
30	Malaprabha	Malaprabha Dam	Karnataka	93	No
31	Penganga	Issapur Project	Maharashtra	92.38	No
32	Mahi	Kadana Dam	Gujarat	91.86	Yes
33	Sone	Bansagar Dam	Madhya Pradesh	91	No
34	Godavari	Jaikwadi Dam	Maharashtra	89.97	No
35	Chambal	Rana Pratap Sagar	Rajasthan	89.06	Yes
36	Narmada	Barna Dam	Madhya Pradesh	89	No
37	Sindhpana	Manjlegaon	Maharashtra	88.85	No
38	Mahanadi	Hirakud Dam	Odisha	88.6	Yes
39	Hasdeo	Bango Dam	Chhattisgarh	87.12	Yes
40	Kaddamvagu	Kaddam Dam	Telangana	87.04	Yes
41	Sabarmati	Dharoi Dam	Gujarat	85.52	Yes
42	Godavari	Sriramasagar	Telangana	85.18	Yes
43	Chambal	Gandhisagar Dam	Madhya Pradesh	85	No
44	Gambhiri	Panchana Dam	Rajasthan	84.1	Yes
45	Salandi	Salandi Dam	Odisha	83.8	Yes
46	Kalisindh	Kalisindh Dam	Rajasthan	82.76	Yes
47	Narmada	Sardar Sarovar Dam	Gujarat	79.92	Yes
48	Wainganga	Upper Wainganga Project	Madhya Pradesh	79.68	No
49	Mahanadi	Ravishankar Dam	Chhattisgarh	77.93	Yes
50	Tapi	Ukai Dam	Gujarat	77.73	Yes
51	Parwati	Parwati Dam	Rajasthan	73.97	Yes
52	Machhkund	Machhkund Project	Odisha	70.77	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).