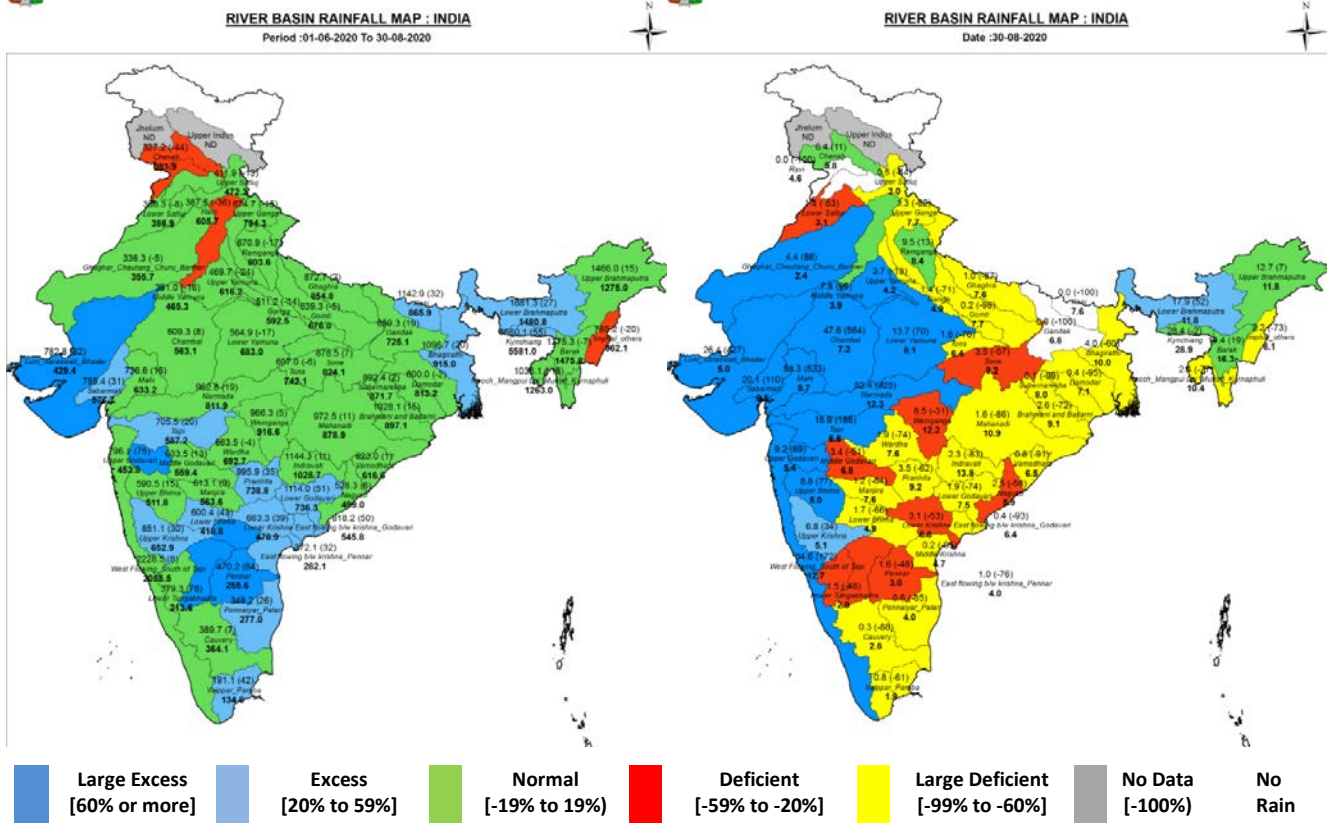




Central Water Commission
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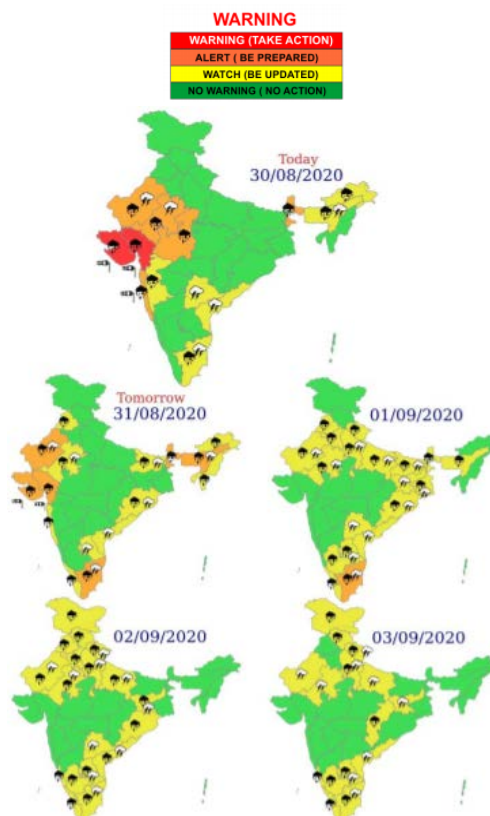
1.0 Rainfall Situation

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



2.0 Flood Situation and Advisories

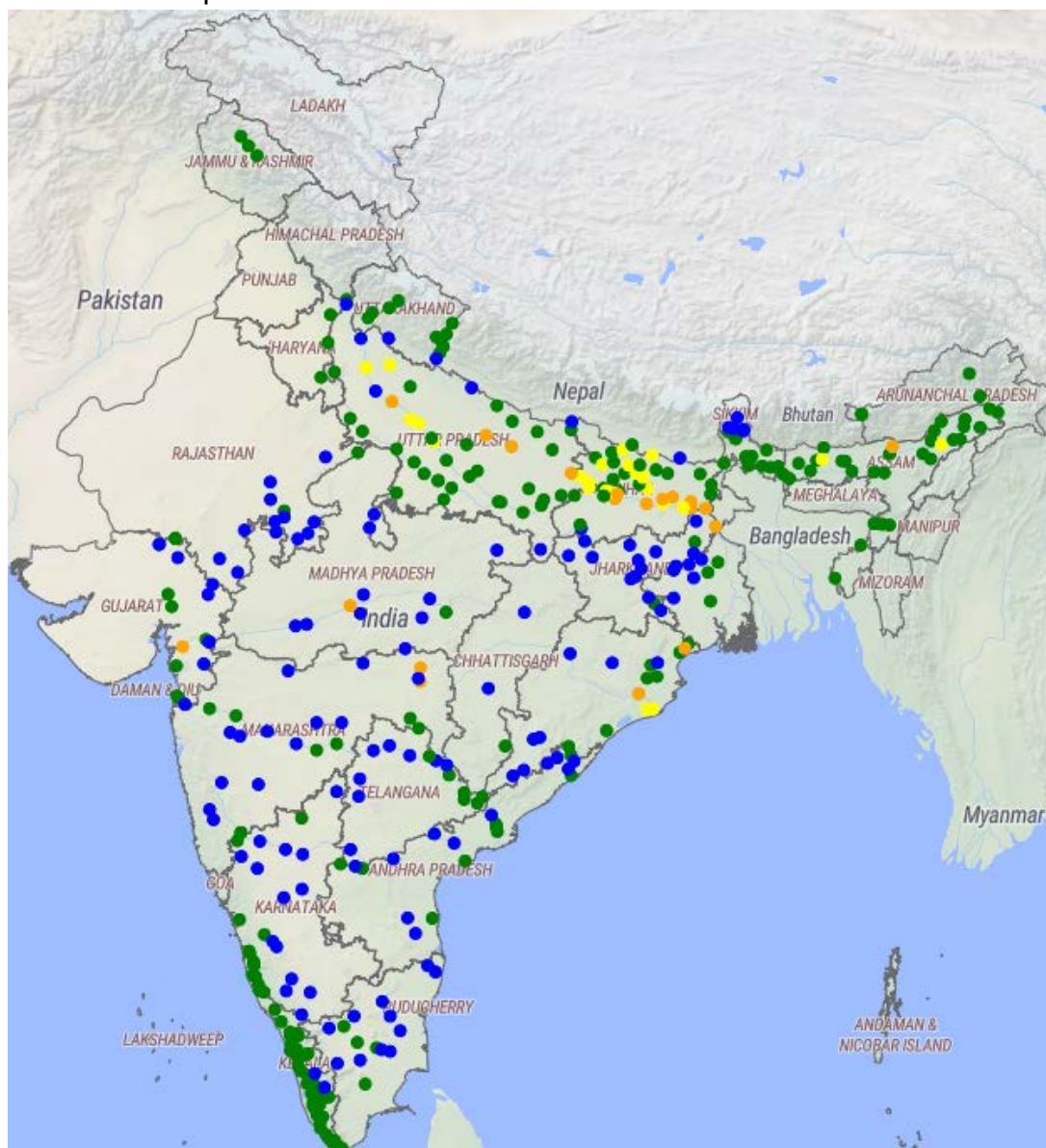
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 30th August 2020, 20 Stations (7 in Bihar, 4 in Uttar Pradesh, 2 each in Odisha & Maharashtra and 1 each in Assam, Gujarat, Jharkhand, Madhya Pradesh & West Bengal) are flowing in Severe Flood Situation and 24 stations (14 in Bihar, 6 in Uttar Pradesh, 2 each in Assam and Odisha) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 30 Barrages & Dams (8 in Madhya Pradesh, 3 each in Karnataka, Maharashtra, Rajasthan & Uttar Pradesh, 2 each in Andhra Pradesh, Jharkhand, West Bengal, Tamilnadu, 1 each in Odisha & Gujarat).

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))	20
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	24
Total number of sites above Warning Level (A+B+C)		44
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)		30

Details can be seen in link-http://cwc.gov.in/sites/default/files/dfb202030082020_5.pdf

2.1.1 Flood Situation Map



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 & **Surajgarh** in **Raigarh** District of **Chhattisgarh** are flowing in **Extreme** Flood Situation with falling trend.

River **Wainganga** at **Balaghat** in **Balaghat** District of **Madhya Pradesh** and River **Kanhan** at **Satrapur Kanhan Road Bridge** in **Nagpur** District of **Maharashtra** flowed in **Extreme** Flood Situation till today morning and fell below HFL by today noon. River **Wainganga** at **Bhandara** and at **Pauni** in **Bhandara** District of **Maharashtra** are flowing in Severe Flood Situation with rising trend. River also flows in Severe Flood Situation in **Gondia** District. Very heavy inflows are coming into **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 likely to be inflow into **Laxmi Barrage** on river **Godavari** in **Jayasankar Bhupalpalle** District of **Telangana**.

River **Narmada** at **Handia** in **Harda** District of **Madhya Pradesh** flowed in **Extreme** Flood Situation. Due to extremely heavy rainfall for the past 2 days in its catchment river **Narmada** is in flood in its upper and Middle reaches upto **Sardar Sarovar Dam**. River is flowing in Severe Flood Situation in **Hoshangabad** Districts of **Madhya Pradesh**. Releases from **Sardar Sarovar Dam** gave rise to Severe Flooding Situation in **Bharuch** in **Bharuch** District of **Gujarat**.

2.2 CWC Advisories

- Widespread rainfall with heavy to very heavy falls and extremely falls isolated places very likely over **Gujarat** state on today, 30 August; isolated heavy to very heavy falls on 31 August, 2020 and very likely to decrease significantly thereafter.
- Widespread rainfall with heavy to very heavy falls also very likely over **West Madhya Pradesh** & **North Konkan** on 30 August; over **Rajasthan** on 30-31 August, 2020 and decrease significantly thereafter.
- Fairly widespread rainfall with Isolated heavy falls and thunderstorm & lightning very likely over **Northwest India** and **Western Himalayan Region** during 01st -03rd September, 2020.

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

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

Rivers **Narmada**, **Tapi**, **Chambal** in **Madhya Pradesh**, Rivers **Wainganga** & **Wardha** in **Maharashtra** have started falling in upper reaches as the rainfall has reduced significantly. Since no further rainfall is forecasted for next 48 hours, situation in flood affected States of **Madhya Pradesh** & **Maharashtra** are likely to improve significantly.

Rivers **Chambal** & its tributaries and **Mahi** in **Madhya Pradesh** & **East Rajasthan** are expected to rise rapidly due to forecasted continuous rainfall with isolated very heavy rainfall for next 24 hours. **Gandhisagar Dam**, **Som Kamala Amba Dam**, **Kalisindh Dam**, **Mahi Bajaj Sagar Dam**, **Panchana Dam** in **Madhya Pradesh** & **Rana Pratap Sagar Dam** & **Kota Barrage** in **Rajasthan** are expected to get heavy inflows. Close watch is to be maintained in Districts **Dhar**, **Mandasour** in **Madhya Pradesh**, **Tonk**, **Banswara**, **Udaipur**, **Jhalawar**, **Baran**, **Chittorgarh**, **Karrauli**, **Bundi**, **Dholpur** & **Kota** in **Rajasthan**.

Rivers **Narmada**, **Mahi**, **Sabarmati** in **Gujarat**, and **West Flowing Rivers** in **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 **Narmada**, **Bharuch**, **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.

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 30th August 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Brahmani	Rengali Dam	Odisha	100.2	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	Krishna	Almatti Dam	Karnataka	100	No
7	Pench	Totladoh Project	Maharashtra	100	No
8	Narmada	Tawa Dam	Madhya Pradesh	100	No
9	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	99	No
10	Hemavathy	Hemavathy Dam	Karnataka	98.13	No
11	Krishna	Narayanpur Dam	Karnataka	98	No
12	Kabini	Kabini Dam	Karnataka	97.75	No
13	Wardha	Upper Wardha Project	Maharashtra	97.74	No
14	Cauvery	Krishnarajasagar	Karnataka	97.34	No
15	Krishna	Srisaillam Dam	Andhra Pradesh	97	No
16	Narmada	Bargi Dam	Madhya Pradesh	97	No
17	Musi	Musi Project	Telangana	97	No
18	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	Yes
19	Krishna	Priyadarshini Jurala Project	Telangana	96	No
20	Betwa	Rajghat Dam	Madhya Pradesh	96	No
21	Wainganga	Upper Wainganga Project	Madhya Pradesh	96	No
22	Godavari	SripadaYellampally Dam	Telangana	95.78	No
23	Narmada	Barna Dam	Madhya Pradesh	95	No
24	Bhadra	Bhadra Dam	Karnataka	95	No
25	Warana	Warana Dam	Maharashtra	94.9	Yes
26	Mahi	Kadana Dam	Gujarat	94.57	Yes
27	Harangi	Harangi Dam	Karnataka	94.53	No
28	Mahi	Mahi Bajajsagar Dam	Rajasthan	94.33	Yes
29	Koyna	Koyna Dam	Maharashtra	93.86	Yes
30	Kalisindh	Kalisindh Dam	Rajasthan	93.12	Yes
31	Bhima	Ujjani Dam	Maharashtra	92.35	Yes
32	Malaprabha	Malaprabha Dam	Karnataka	92	No
33	Narmada	Indira Sagar Dam	Madhya Pradesh	92	No
34	Mahanadi	Hirakud Dam	Odisha	91.7	No
35	Mula	Mula Dam	Maharashtra	91.49	No
36	Penganga	Issapur Project	Maharashtra	91.34	No
37	Sone	Bansagar Dam	Madhya Pradesh	90	No
38	Hasdeo	Bango Dam	Chattisgarh	87.12	No
39	Godavari	Jaikwadi Dam	Maharashtra	86.69	No
40	Sindhpana	Manjlegaon	Maharashtra	86.18	No
41	Kaddamvagu	Kaddam Dam	Telangana	85.26	No
42	Godavari	Sriramasagar	Telangana	85.08	No
43	Gambhiri	Panchana Dam	Rajasthan	84.1	Yes
44	Salandi	Salandi Dam	Odisha	83.2	No
45	Chambal	Gandhisagar Dam	Madhya Pradesh	81	Yes

46	Tapi	Ukai Dam	Gujarat	78.24	Yes
47	Mahanadi	Ravishankar Dam	Chhattisgarh	77.93	No
48	Narmada	Sardar Sarovar Dam	Gujarat	75.91	Yes
49	Chambal	Rana Pratap Sagar	Rajasthan	75.84	Yes
50	Sabarmati	Dharoi Dam	Gujarat	73.29	Yes
51	Machhkund	Machhkund Project	Odisha	73	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).