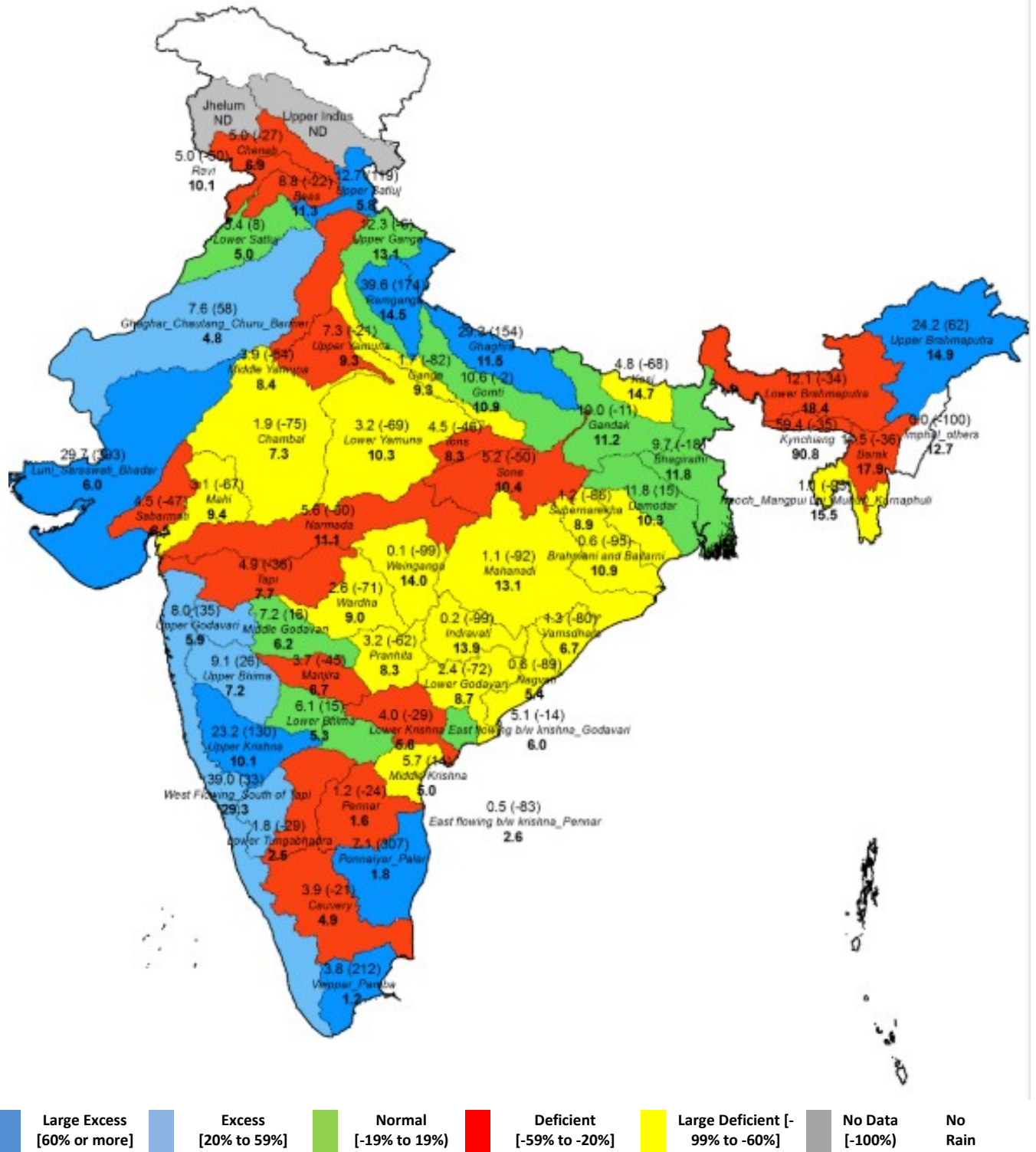




Central Water Commission
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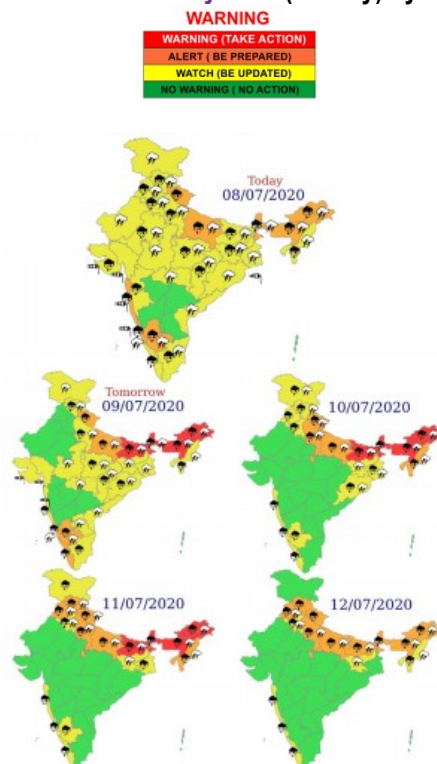
1.0 IMD information

1.1 Basin wise departure from normal rainfall on 08th July 2020



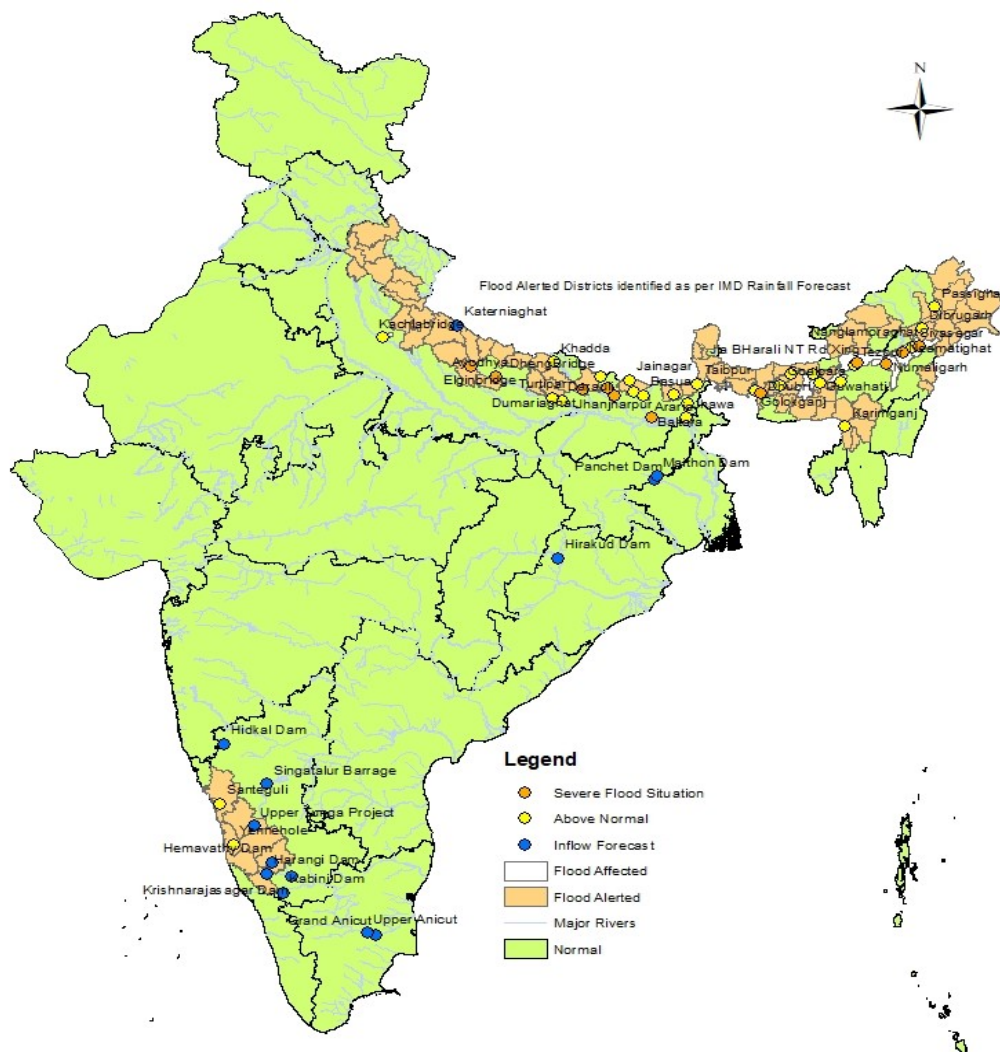
Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 8th July 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 8th July 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 8th July 2020, 11 stations (5 in Assam, 4 in Bihar, 2 in Uttar Pradesh) are flowing in Severe Flood Situation and 25 stations (10 in Assam, 9 in Bihar, 3 in Uttar Pradesh, 2 in Karnataka and 1 in Arunachal Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast was issued for 13 Barrages and Dams (7 in Karnataka, 2 in Tamilnadu, 2 in Jharkhand, 1 in Odisha and 1 in Uttar Pradesh).

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)	25
Total number of sites above Warning Level (A+B+C)		36
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)		13

Details can be seen in link http://cwc.gov.in/sites/default/files/cfcr-cwcdfb08072020_5.pdf

2.2 CWC Advisories

- Scattered rainfall activity very likely over Gujarat State during next 4-5 days.
- Fairly widespread to widespread rainfall with isolated heavy to very heavy falls very likely over Western Himalayan Region, northern parts of Punjab & Haryana, Chandigarh, Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim and north-eastern states. Isolated extremely heavy falls are also very likely over Uttarakhand on 11th & 12th; East Uttar Pradesh during 10th to 12th; Bihar on 10th & 11th Sub-Himalayan West Bengal & Sikkim, Assam, Meghalaya and Arunachal Pradesh during 09th to 11th July, 2020.

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

2.2.1 Gujarat, Maharashtra & Goa

There is reduction in rainfall in Saurashtra and Kutch. There is likely heavy rainfall in South Konkan districts and Goa for the next 3 days and hence there may be chances of rise of water levels in small river stream originating from Western Ghat and draining into Arabian Sea. However, most of the dams are only having less than 50% of their full capacity; this rain may help in increasing the storage capacity of these reservoirs and no spillage is expected.

2.2.2 Karnataka

Due to heavy rain in Coastal Districts and in Western Ghat areas, many of the rivers have started rising. Upper Tunga Project (Gajanur Dam) in Shivamogga District continues to be at Full reservoir Level and they are releasing all the inflows into the river through the spillway. This is increasing the flow in Tunga River downstream of the Dam; however Shimoga Flood Monitoring Stations is flowing below Warning Level. Since heavy rainfall is likely to continue along Ghats of Shivamogga, Chikmagalur, Hassan & Kodagu Districts, there is likelihood of inflow into all major reservoirs in Karnataka for next 3-4 days, close watch is to be maintained.

2.2.4 North Eastern States, Sub-Himalayan West Bengal & Sikkim

River Brahmaputra is continuing to be in floods all through its reach from Dibrugarh to Dhubri. Tributaries such as Jia-Bharali, Buridihing, Desang, Dikhow, Beki are also flowing in Severe Flood Situation. There is forecast for Heavy to Very Heavy rainfall with isolated extremely heavy rainfall in the districts of Barpeta, Bongaigaon, Chirang, Baksa, Nalbari, Kokrajhar, Goalpara & Dhubri in Assam and in Coochbehar, Alipurduar and Jalpaiguri Districts of West Bengal and in Siang, Lohit, Anjaw, Districts of Arunachal Pradesh & in all districts of Sikkim, during 09th to 12th July, 2020.

Due to this, the river levels are likely to rise rapidly in many of the rivers. There is likelihood of flash floods in Hilly regions of Arunachal Pradesh, Meghalaya, Sikkim. This combining with the existing riverine flood will further aggravate the flood situation. Since most of the catchments in the North East India, Sub-Himalayan West Bengal and Sikkim are already saturated there is likelihood of continuation of floods in Severe to Extreme levels for the next 4-5 days. Maximum vigil has to be maintained along the banks of all rivers in these Districts.

2.2.5 Uttar Pradesh, Uttarakhand and Bihar

There is likely Heavy to Very Heavy rainfall in North Bihar, East Uttar Pradesh and Uttarakhand from 10th to 12th July 2020. Due to this, the northern tributaries of river Ganga are likely to rise in these areas.

Maximum Vigil is to be maintained along these river banks. Concerned Authorities in these States have to maintain strict vigil along railway track and Highways in both State and National Highways and regulate traffic along bridges to avoid any incidents due to submergence or washing out of bridges.

3. Flood Affected Districts

Gujarat: Devbhumi Dwarka, Porbandar, Jamnagar, Amreli, Rajkot, Junagarh

Uttar Pradesh: Barabanki, Ayodhya

4. Flood Alerted Districts

Arunachal Pradesh: Districts along rivers Siang, Lohit, Kameng and Manas

Assam: Dibrugarh, Tinsukia, Dhemaji, Jorhat, Sibsagar, Golaghat, Sonitpur, Kamrup, Nalbari, Barpeta, Bongaigaon, Baksa, Chirang, Kokrajhar, Dhubri

Bihar: Districts along North Bank Tributaries of Ganga

Maharashtra: Districts along river reaches of West Flowing Rivers in Raigad, Ratnagiri, Sindhudurg

Karnataka: Districts along West Flowing Rivers in Uttara Kannada, Dakshina Kannada, Udupi and Shivamogga

West Bengal: Coochbehar, Alipurduar, Jalpaiguri

Sikkim: Districts along Teesta

Uttar Pradesh: Districts along Ghaghra and Rapti

Uttarakhand: Districts along rivers Bhagirathi, Alaknanda and their tributaries, Ramganga