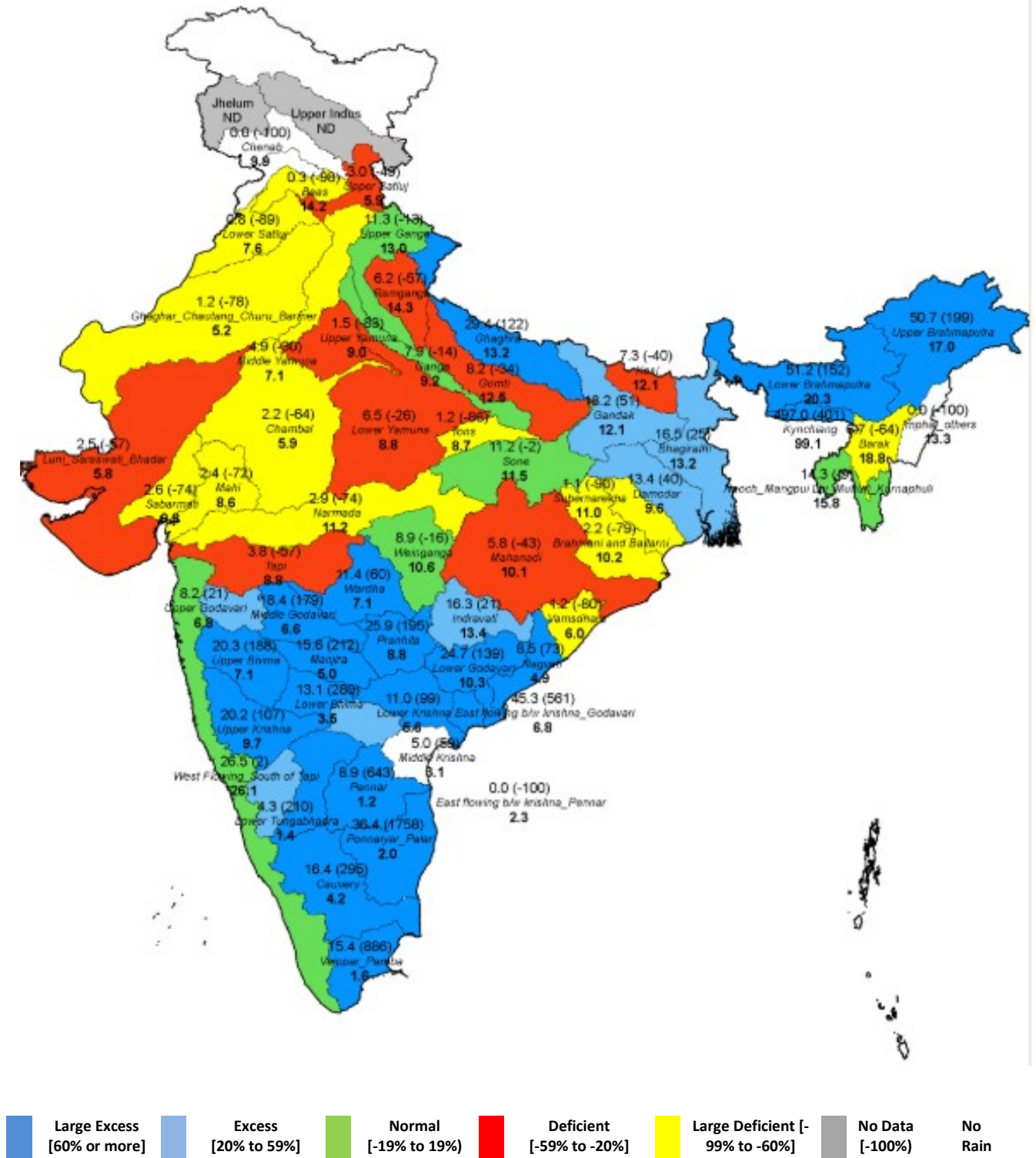




Central Water Commission
Daily Flood Situation Report cum Advisories
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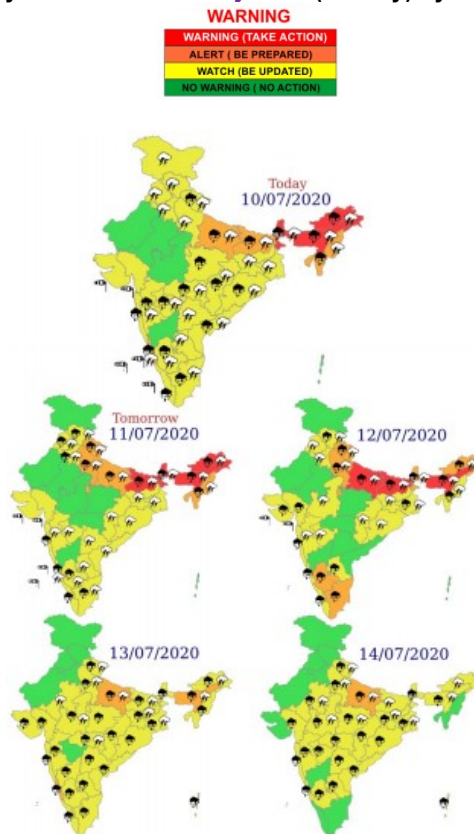
1.0 IMD information

1.1 Basin wise departure from normal rainfall on 10th July 2020



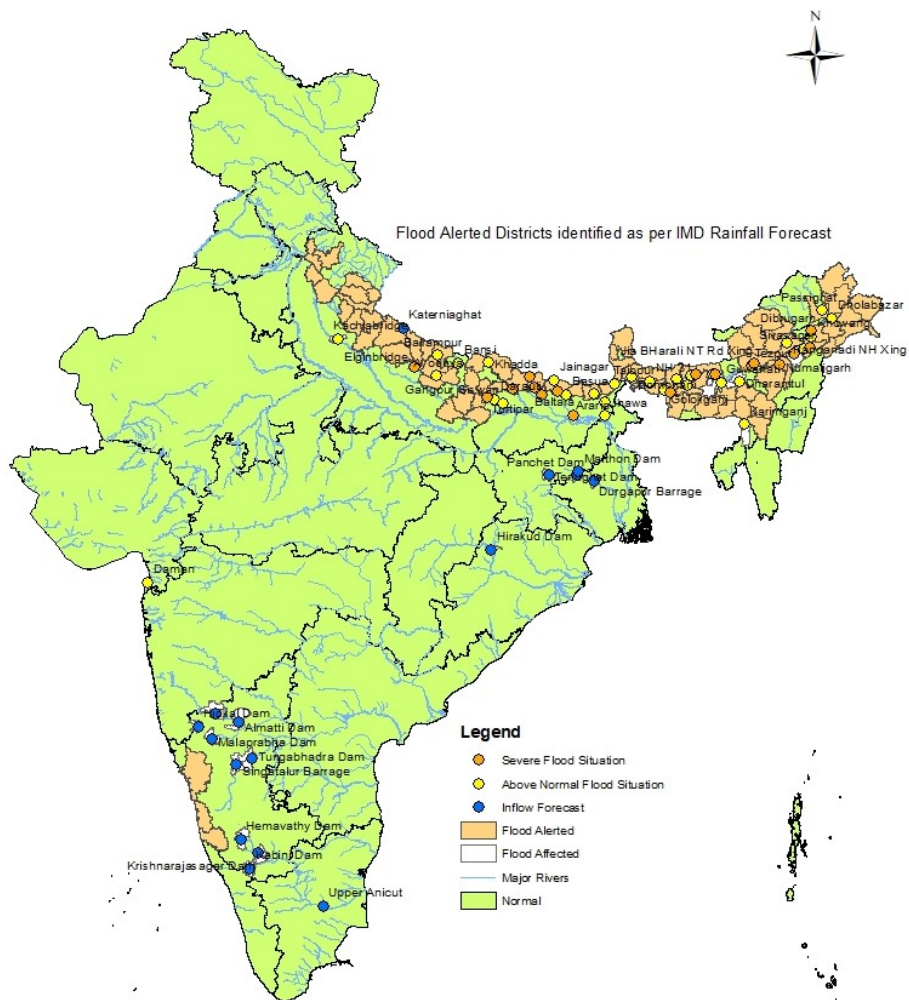
Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 10th July 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 10th July 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 10th July 2020, 17 stations (9 in Assam, 6 in Bihar and 2 in Uttar Pradesh) are flowing in Severe Flood Situation and 30 stations (12 in Assam, 8 in Bihar, 5 in Uttar Pradesh, 3 in West Bengal, 1 in Daman & Diu and 1 in Arunachal Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast was issued for 18 Barrages and Dams (10 in Karnataka, 3 in Jharkhand, 2 in Tamilnadu, 1 in Odisha, 1 in West Bengal, and 1 in Uttar Pradesh).

FLOOD SITUATION SUMMARY		
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))	17
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)		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)		18

Details can be seen in link http://cwc.gov.in/sites/default/files/cfcr-cwcdfb10072020_5.pdf

2.2 CWC Advisories

- Isolated extremely heavy falls very likely over Bihar, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Arunachal Pradesh on 10th & 11th and over East Uttar Pradesh on 11th & 12th July, 2020.
- Isolated heavy to very heavy falls also very likely over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand and West Uttar Pradesh during next 3 days.

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

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

River Brahmaputra is continuing to be in floods all through its reach from Dibrugarh to Dhubri in Assam. Tributaries such as Jia-Bharali, Dhansiri (S), Desang, Puthimari and Beki are also flowing in Severe Flood Situation. There is forecast for isolated extremely heavy rainfall in the districts of Tinsukia, Dibrugarh, Lakhimpur, Karbi Anglong, Golaghat, Barpeta, Chirang, Baksa, Kokrajhar, Goalpara & Dhubri in Assam and in Coochbehar, Darjeeling and Jalpaiguri Districts of West Bengal and in East Siang, Lohit, Anjaw, Changlang, Tirap, East & West Kameng, Lower Subansiri Districts of Arunachal Pradesh & in all districts of Sikkim, during 10th to 12th July, 2020. Passighat IMD observatory in Arunachal Pradesh reported 30 cm of rainfall during past 24 hours upto 0830 hrs of today and River Siang at Passighat is flowing very close to Danger Level.

Due to very heavy rainfall forecast, 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 3-4 days. Maximum vigil has to be maintained along the banks of all rivers in these Districts.

2.2.2 Uttar Pradesh, Uttarakhand and Bihar

There is likely Heavy to Very Heavy with isolated extremely heavy rainfall in North Bihar, East & West 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. River Ghaghra in Ballia and Barabanki is flowing in Severe Flood Situation. River Bagmati in Sitamarhi & Muzzafarpur Districts, River Gandak in Gopalganj District, River Kosi in Khagaria District and River Kamlabalan in Madhubani District are flowing in severe situation.

2.2.3 Karnataka

Heavy rainfall is likely to continue in Coastal Districts and in Western Ghat areas, many of the rivers have started rising. The release from Upper Tunga Project has decreased. 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 2 days and close watch is to be maintained.

Almatti Dam on river Krishna in Vijayapura District is getting heavy inflows. Average inflow of 72,000 cusec on 10th July 2020 has been recorded. As per CWC Inflow Forecast, it is likely to get an average inflow of 81,000 cusec till tomorrow morning. Almatti Dam authorities have increased the out flow from 16545 cusec to 20000 cusec from today morning. This is almost as per the Operation & Maintenance Manual of Almatti Dam prepared by Dam Rehabilitation and Improvement Project (DRIP) of CWC.

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

Assam: Barpeta, Dhubri, Dibrugarh, Sonitpur, Sibsagar, Jorhat, Baksa
Bihar: Gopalganj, Khagaria, Madhubani, Sitamarhi
Uttar Pradesh: Barabanki, Ballia

4. Flood Alerted Districts

Arunachal Pradesh: Districts along rivers Siang, Lohit, Kameng and Manas
Assam: Districts along the Brahmaputra and its Tributaries
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 and along Krishna upto Almatti Dam.
West Bengal: Coochbehar, Alipurduar, Jalpaiguri
Sikkim: Districts along Teesta
Uttar Pradesh: Districts along Ghaghra and Rapti & their tributaries
Uttarakhand: Districts along rivers Bhagirathi, Alaknanda and their tributaries, Ramganga