



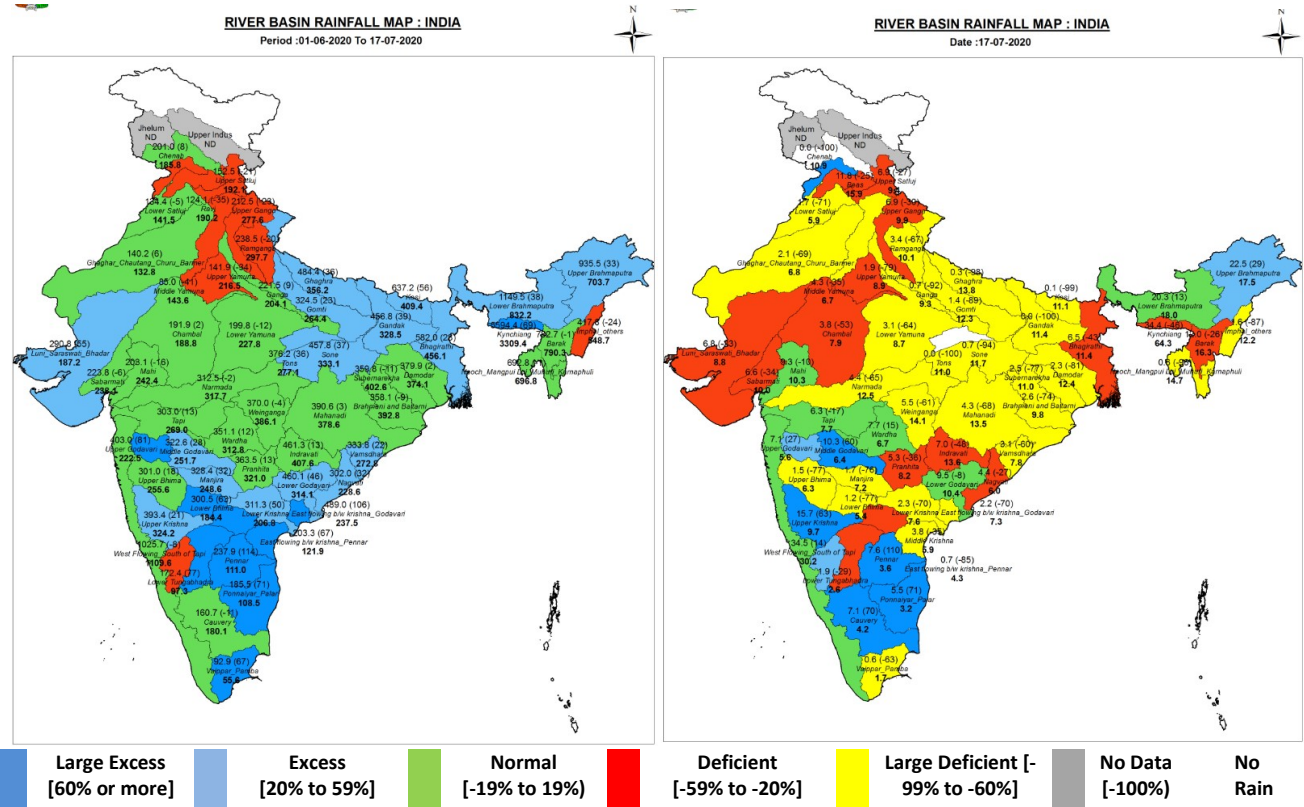
Central Water Commission

Daily Flood Situation Report cum Advisories

17-07-2020

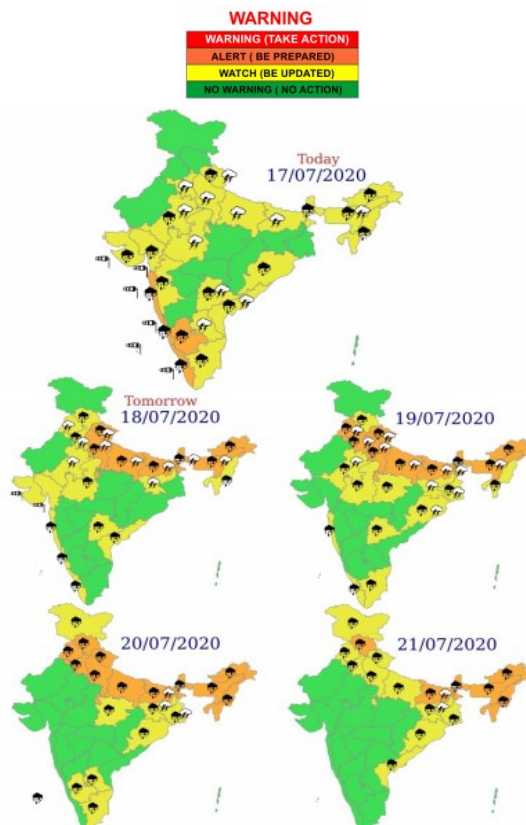
1.0 IMD information

1.1 Basin wise departure from normal of cumulative rainfall and daily rainfall



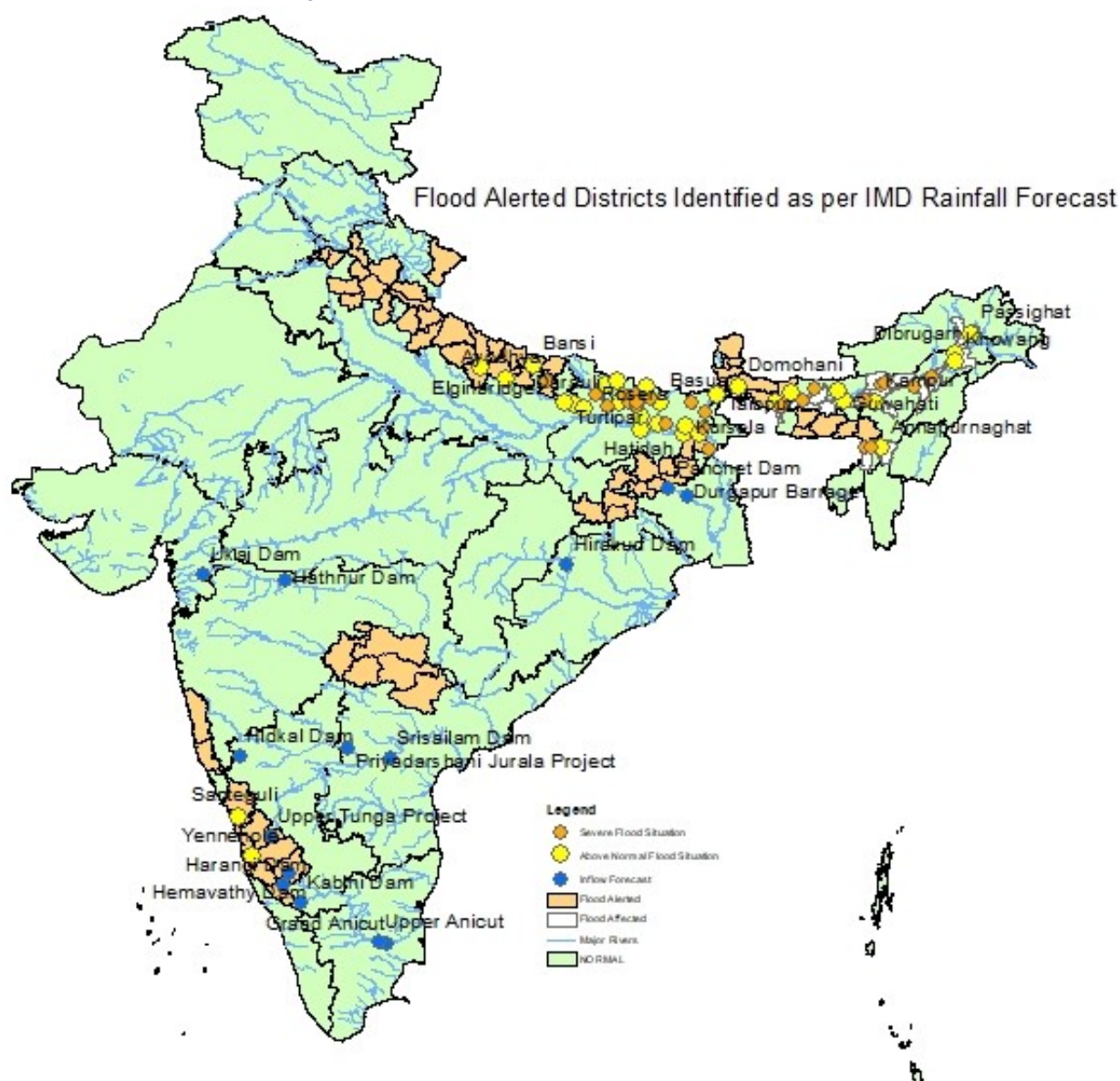
Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 17th July 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 17th July 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 17th July 2020, 24 stations (12 in Bihar, 10 in Assam, 1 in Uttar Pradesh and 1 in West Bengal) are flowing in Severe Flood Situation and 30 stations (13 in Bihar, 8 in Assam, 4 in Uttar Pradesh, 2 in Karnataka, 1 in Jharkhand, 1 in West Bengal and 1 in Arunachal Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 14 Barrages and Dams (5 in Karnataka, 2 in Tamilnadu, 1 in Jharkhand, 1 in Andhra Pradesh, 1 in Telangana, 1 in Odisha, 1 in West Bengal, 1 in Maharashtra and 1 in Gujarat).

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))	24
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)		54
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)		14

Details can be seen in link http://cwc.gov.in/sites/default/files/cfcr-cwcdfb16072020_5.pdf

2.2 CWC Advisories

- The monsoon trough is south of its normal position, it is most likely to shift northwards gradually towards foothills of Himalayas from tomorrow, the 18th July onwards. In addition, convergence of moist southerly/southwesterly winds from Bay of Bengal over Northeast & adjoining East India and from Arabian Sea over northwest India at lower tropospheric levels very likely from tomorrow onwards.
- Due to above favourable meteorological conditions, rainfall distribution & intensity is very likely to increase over the northern parts of the country. Fairly widespread to widespread rainfall with isolated heavy to very heavy falls is very likely over Northwest India during 18th - 20th July, 2020 and over Northeast & adjoining East India during 18th -21st July. Isolated Extremely heavy falls also very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during 19th- 21st July and over Arunachal Pradesh during 19th-20th July.

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

Heavy to very heavy rainfall at a few places with extremely heavy falls at isolated places over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya from 18th to 21st July 2020. Due to this, the 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. River Brahmaputra in Jorhat and Sonitpur Districts and River Beki in Barpeta District are flowing in Severe flood situation with rising trend. 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.

2.2.2 Karnataka, Telangana & Andhra Pradesh

Heavy rainfall is likely to continue in Karnataka in the Coastal Districts and in Western Ghat areas, many of the rivers have started rising. 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.

As on date Almatti Dam is having storage of 73% and Narayanpur Dam is having storage of 90%. The excess inflows likely to be received due to forecasted rainfall should accordingly be regulated and released as per rule curves of both the dams. Reservoir Operation as per latest rule curves may have to be continued as is being done presently to avoid any downstream flooding and upstream submergence.

P D Jurala Project in Jogulamba Gadwal District of Telangana is almost 90% filled up and it is releasing excess water to Srisailem Dam in Kurnool District of Andhra Pradesh. Since rainfall is expected to continue for one more day, this flow is likely to continue for one more day before reducing.

Impact Based Actions

Strict vigil is to be maintained in North eastern States for next 3-4 days. Breaches in Embankment if any may aggravate further flood like situation which should be monitored and all efforts to fill any such breaches should be done at the earliest. 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. Flood Affected Districts

Assam: Cachar, Golaghat, Sonitpur, Goalpara, Karimganj, Dhubri, Jorhat, Marigaon, Barpeta

Bihar: Madhubani, Araria, Darbhanga, Muzaffarpur, Purnia, Katihar, Khagaria, Sitamarhi, Gopalganj

Uttar Pradesh: Gorakhpur

4. Flood Alerted Districts

Assam: Districts along river reaches of Manas, Beki, Gaurang, Aie, Sankosh

Arunachal Pradesh: Districts along river reaches of Siang, Lohit, Kameng, Manas

West Bengal: Districts along river reaches of Teesta, Torsa, Raidak, Jaldhaka

Sikkim: Districts along river reaches of Teesta

Karnataka: Districts along West Flowing Rivers and along Krishna upto Almatti Dam