

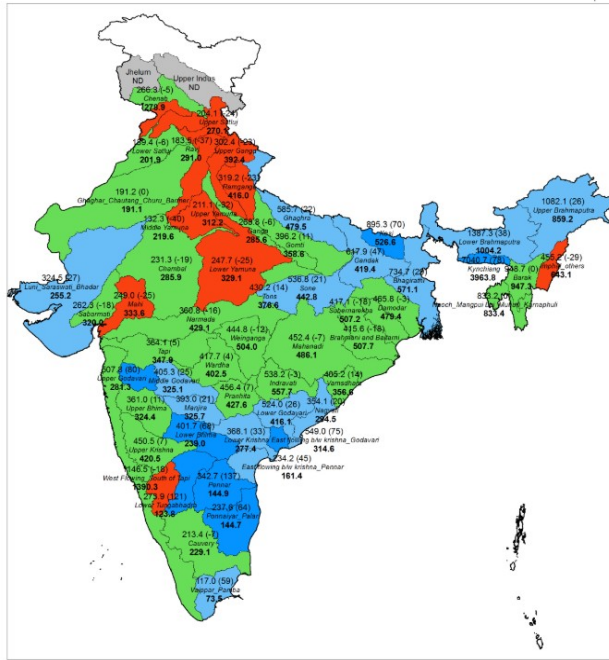


Central Water Commission
Daily Flood Situation Report cum Advisories
27-07-2020

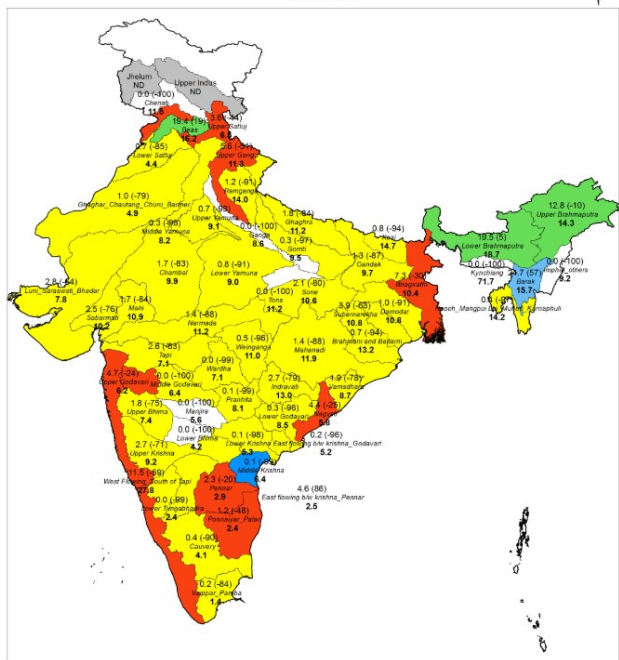
1.0 IMD information

1.1 Basin wise departure from normal of cumulative and daily rainfall

RIVER BASIN RAINFALL MAP : INDIA
 Period :01-06-2020 To 27-07-2020



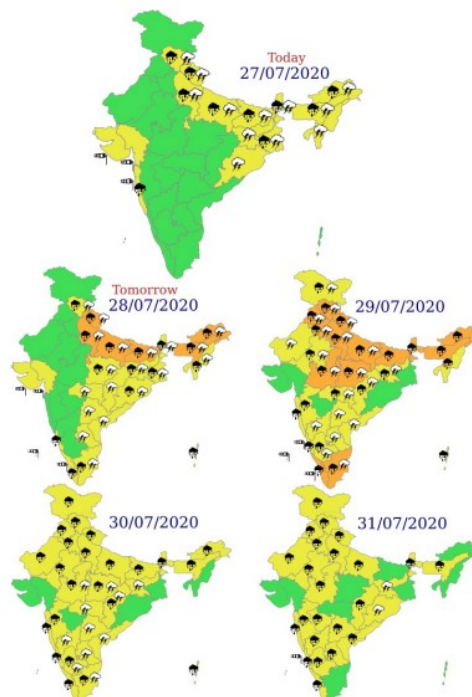
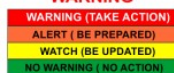
RIVER BASIN RAINFALL MAP : INDIA
 Date :27-07-2020



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 27th July 2020 (Midday) by IMD

WARNING



2.0 CWC inferences

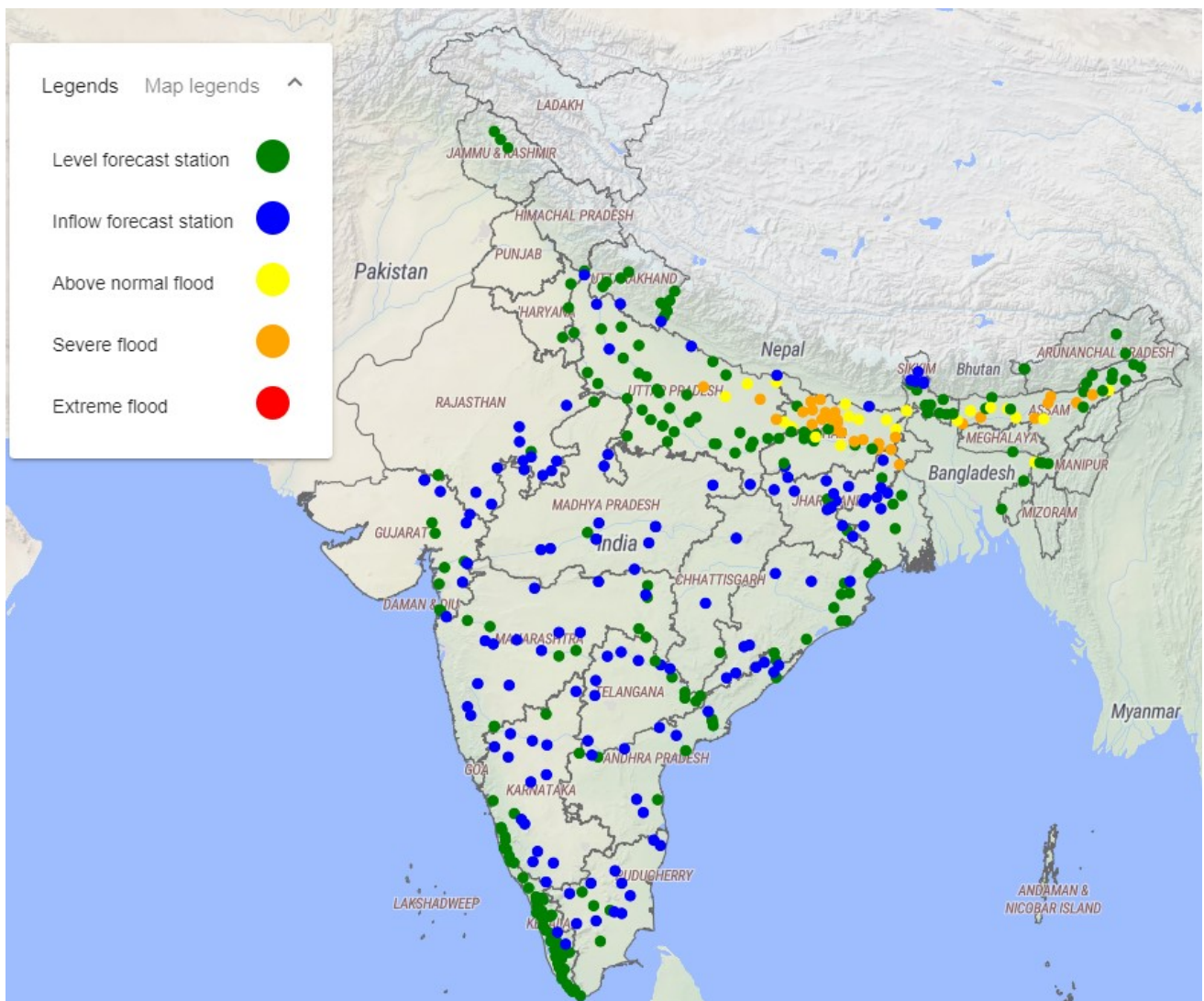
2.1 Flood Situation on 27th July 2020

On 27th July 2020, 32 Stations (19 in Bihar, 8 in Assam, 3 in Uttar Pradesh and 1 each in Jharkhand & West Bengal) are flowing in Severe Flood Situation and 18 stations (8 in Bihar, 7 in Assam and 3 in Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 8 Barrages and Dams (2 in Jharkhand, 2 in Andhra Pradesh, 1 each in Tamilnadu, Telangana, West Bengal and Odisha).

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))	32
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	18
Total number of sites above Warning Level (A+B+C)		50
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)		8

Details can be seen in link: http://cwc.gov.in/sites/default/files/cfcr-cwcdfb27072020_5.pdf

2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network



2.2 CWC Advisories

- The Monsoon trough lies close to the foothills of Himalayas. It is very likely to shift southwards from 29th July onwards. Hence, monsoon rainfall activity very likely to remain subdued over plains of Northwest and Central India during next 2 days. Its intensity & distribution very likely to increase thereafter. Convergence of strong southerly/southwesterly from Arabian Sea over northwest India is also very likely on 29th & 30th July, 2020.
- Under above scenario, fairly widespread to widespread rainfall with isolated heavy to very heavy falls over Uttarakhand, Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim and northeastern states (mainly over Arunachal Pradesh and Assam & Meghalaya) during 28th - 30th July; over Punjab, Haryana & Chandigarh, Himachal Pradesh and Madhya Pradesh during 29th-31st July; over Coastal Karnataka, Tamil Nadu and Kerala during 28th to 30th 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

Fairly widespread to widespread rainfall with isolated heavy to very heavy falls is likely to occur over Arunachal Pradesh, Sikkim, Assam & Meghalaya during 28th - 30th July. Due to this, the river levels are likely to rise in many of the rivers. There is likelihood of flash floods in Hilly regions of Arunachal Pradesh, Meghalaya & Sikkim. This combined with the existing riverine flood will further aggravate the flood situation. Maximum vigil has to be maintained along the banks of all rivers in these Districts.

Assam

Brahmaputra

River Brahmaputra is flowing in Above Normal to Severe Flood Situation with falling trend all along the course from Dibrugarh to Dhubri. As heavy to very heavy rainfall is forecasted from 28th July, the levels are expected to further rise again.

Tributaries of Brahmaputra

Rivers Jia-Bharali in Sonitpur District, Beki in Barpeta District, Kopili in Morigaon District and Dhansiri (South) in Golaghat District in Brahmaputra Basin are flowing in Severe Flood Situation. The levels are expected to rise further from 28th July.

2.2.2 Bihar, Jharkhand and Gangetic West Bengal

Fairly widespread to widespread rainfall with isolated heavy to very heavy falls are likely to occur over Bihar and Sub-Himalayan West Bengal during 28th - 30th July and accordingly, the river levels are expected to rise during this period.

Rivers Mahananda in Katihar District, Kosi in Khagaria & Katihar Districts, Adhwara in Darbhanga District, River Bagmati in Darbhanga, Sitamarhi and Muzaffarpur Districts, River Kamla in Madhubani District, River Burhi Gandak in Purbi Champaran, Muzaffarpur & Samastipur Districts, and River Gandak in Gopalganj & Muzaffarpur Districts are flowing in Severe Flood Situation with falling trend. Above rivers are flowing in Above Normal flood situation in many of the downstream location with falling trend and are likely to further fall in 2-3 days. However, forecasted rainfall is likely to rise the river level slowly in Bihar during 29th and 30th July 2020.

2.2.3 Uttar Pradesh & Uttarakhand

River Ghaghra in Barabanki & Ballia Districts and River Rapti in Gorakhpur District are flowing in Severe Flood Situation. Due to forecasted rainfall, river level is forecasted to rise in the northern tributaries of river Ganga in Uttarakhand and Uttar Pradesh from 28th to 30th July. There is likelihood of flash floods in Hilly regions of Uttarakhand.

Impact Based Actions

Strict vigil is to be maintained in all the above States & Districts for next 2-3 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. 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. All district administrations can take effective measures taking into account the prevailing Covid19 situation in relief camps being set up in these districts.

3. Flood Affected Districts

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

Bihar: Katihar, Madhubani, Darbhanga, Muzaffarpur, Purba Champaran, Khagaria, Sitamarhi, Gopalganj, Samastipur,

Uttar Pradesh: Gorakhpur, Barabanki, Ballia