



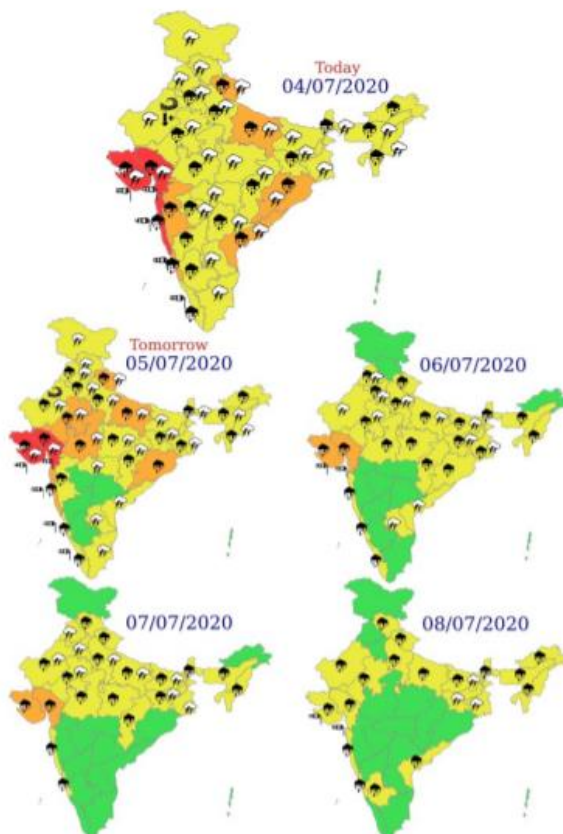
Central Water Commission
Daily Flood Situation Report cum Advisories
04-07-2020

1.0 IMD information

1.1 Amount of rainfall recorded at 0830 hours IST of today (7 cm or more) as per IMD

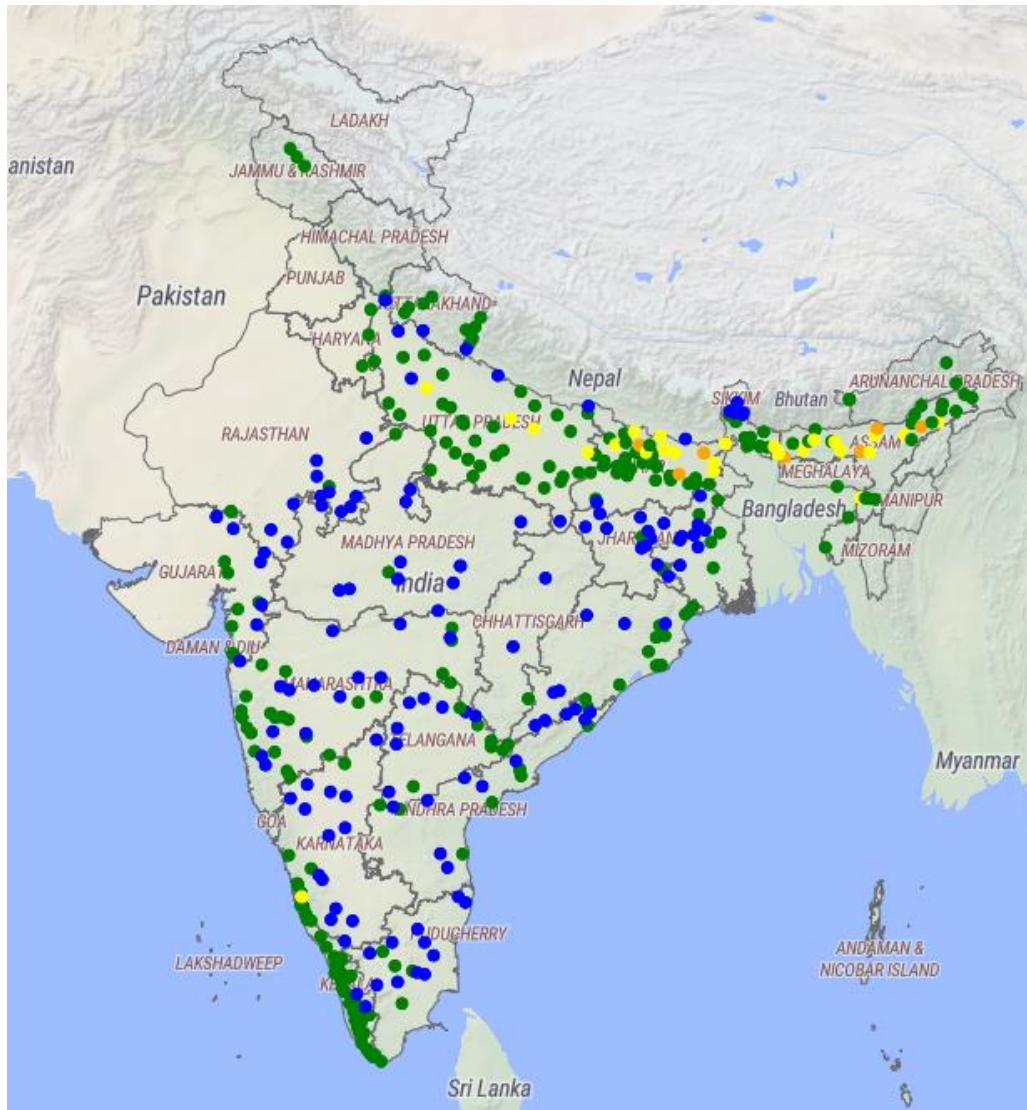
Name of Place (State)	Rainfall (in cm)
Mumbai (Colaba) (Maharashtra)	17
Mumbai (Santa Cruz) & Harnai (Maharashtra)	16 each
Mulki (Karnataka)	15
Vengurla (Maharashtra) & Kota (Karnataka)	14 each
Karwar (Karnataka) & Diu (Daman & Diu)	12 each
Karkala & Gokarna (Karnataka), Aswaraopeta & Nermatta (Telangana) and Tadepallegudem (Andhra Pradesh)	11 each
Mirdoddi & Chegunta (Telangana), Tanuku (Andhra Pradesh), Mani (Karnataka)	10 each
Panjim (Goa), Mangaluru Airport & Mudibidre (Karnataka), Narasapur (Andhra Pradesh), Kowdipally, Chennaraopet and Ghanpur (Telangana)	9 each
Honavar, Shirali & Manki (Karnataka), Kozhikode & Konni (Kerala), Velairpad (Andhra Pradesh), Gudur & Dubbak (Telangana)	8 each
Ratnagiri & Chandrapur (Maharashtra), Forbesganj (Bihar), Dhar (Madhya Pradesh), Venkatapuram, Mahbubabad, Sathupalle & Khanapur (Telangana), Koyyalagudem (Andhra Pradesh), Kundapur (Karnataka), Mahabalipuram (Tamilnadu), Vythri & Thalasserry (Kerala)	7 each

1.2 Rainfall forecast for next 5 days issued on 4th July, 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 4th July, 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 4th July 2020, 7 stations (4 in Assam and 3 in Bihar) are flowing in Severe Flood Situation and 26 stations (1 in West Bengal, 11 in Assam, 9 in Bihar, 4 in Uttar Pradesh and 1 in Karnataka) are flowing in Above Normal Flood Situation. Inflow Forecast were issued for 3 Barrages and Dams (1 in Karnataka and 2 in Tamilnadu)

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))	7
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	26
Total number of sites above Warning Level (A+B+C)		33
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)		3

Details can be seen in link http://cwc.gov.in/sites/default/files/dfb-2020-04072020_5.pdf

2.2 CWC Advisories

- Due to convergence of strong moist westerly/southwesterly winds from the Arabian sea along the west coast and a cyclonic circulation over south Gujarat & neighbourhood in lower tropospheric levels, fairly widespread to widespread rainfall with isolated heavy to very heavy falls most likely over Gujarat State during next 4-5 days and over Konkan & Goa during next 2 days. Isolated extremely heavy falls also very likely over Konkan during next 24 hours; Gujarat region during 04th - 06th July and Saurashtra & Kutch during next 04 days.
- A cyclonic circulation lies over Westcentral & adjoining northwest Bay of Bengal off north Coastal Andhra Pradesh and south Odisha coast and extends upto 7.6 km above mean sea level. It is most likely to cause fairly widespread to widespread rainfall/thundershower activity along with isolated heavy to very heavy falls over east & adjoining parts of central India during next 4-5 days.
- The monsoon trough at mean sea level now runs near its normal position and it is very likely become more marked after 24 hours. High convergence of strong moist westerly/southwesterly winds at lower tropospheric levels from the Arabian sea also very likely over plains of northwest India. Under its influence, fairly widespread to widespread rainfall with isolated heavy falls very likely over parts of northwest India during next 4-5 days.
- Intense thunderstorm & lightning potential zone: Moderate to intense thunderstorm & lightening very likely over Jammu division, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Madhya Pradesh, East Rajasthan, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Odisha and Gujarat State during next 12 hours.

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

There has been a significant reduction in rainfall in North Eastern States, Sub-Himalayan West Bengal and Sikkim today. All river levels are falling. As there is no significant rainfall forecast, the levels are likely to fall further in all rivers in Assam and Sub Himalayan West Bengal.

2.2.2 Bihar

River Levels in most of the rivers have started falling. There is forecast of intense Thunderstorm associated with rainfall activity which may result in slow falling of river levels. With no major rainfall forecasted the river levels are likely to continue falling slowly.

2.2.3 Maharashtra, Goa, Gujarat, Daman & Diu

In view of the forecasted rainfall in Konkan & Goa, Gujarat State and its neighbourhood, river levels in these States are likely to rise along the Coastal Rivers in West Flowing rivers between Tapi and Tadri. Since heavy to very heavy rain is expected along the West Coast, there may be chances of sudden 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.

Due to the forecasted rainfall in Saurashtra & Kutch in Gujarat, many of the small rivers and projects in Saurashtra may get increased inflows and significant increase in their storages during next 4-5 days.

2.2.4 Karnataka

Due to very heavy rain in Coastal Districts and in Western Ghat areas, many of the rivers have started rising. However since reduction in rainfall has been predicted, these rivers may fall immediately as the effect rainfall reduces.

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:	Dibrugarh, Tinsukia, Dhemaji, Jorhat, Sibsagar, Golaghat, Sonitpur, Kamrup, Nalbari, Barpeta, Bongaigaon, Baksa, Chirang, Kokrajhar, Dhubri
Bihar:	Purnia, Araria, Katihar, Sitamarhi, Madhubani, Khagaria
West Bengal:	Coochbehar, Jalpaiguri, Alipurduar

4. Flood Alerted Districts

Maharashtra:	Districts along river reaches of West Flowing rivers in Raigad, Palghar, Ratnagiri, Thane, Sindhudurg
Karnataka:	Districts along West Flowing rivers in Uttara Kannada, Dakshina Kannada and Udupi.
Gujarat:	Districts along small rivers in Saurashtra & Kutch as well as in Damanganga in Valsad District