



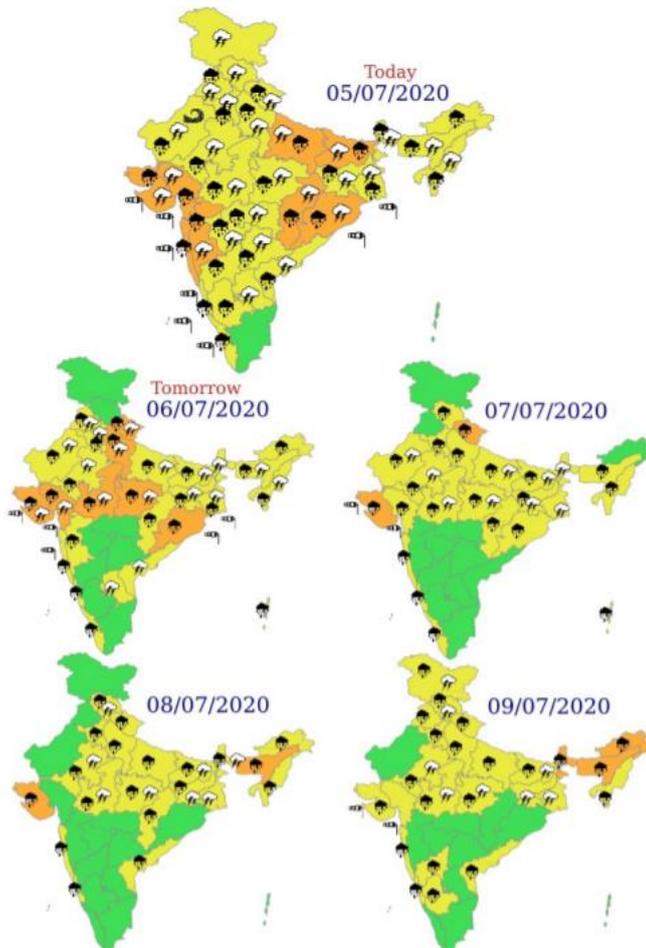
Central Water Commission
Daily Flood Situation Report cum Advisories
05-07-2020

1.0 IMD information

1.1 Amount of rainfall recorded at 0830 hours IST of today (13 cm or more) as per IMD

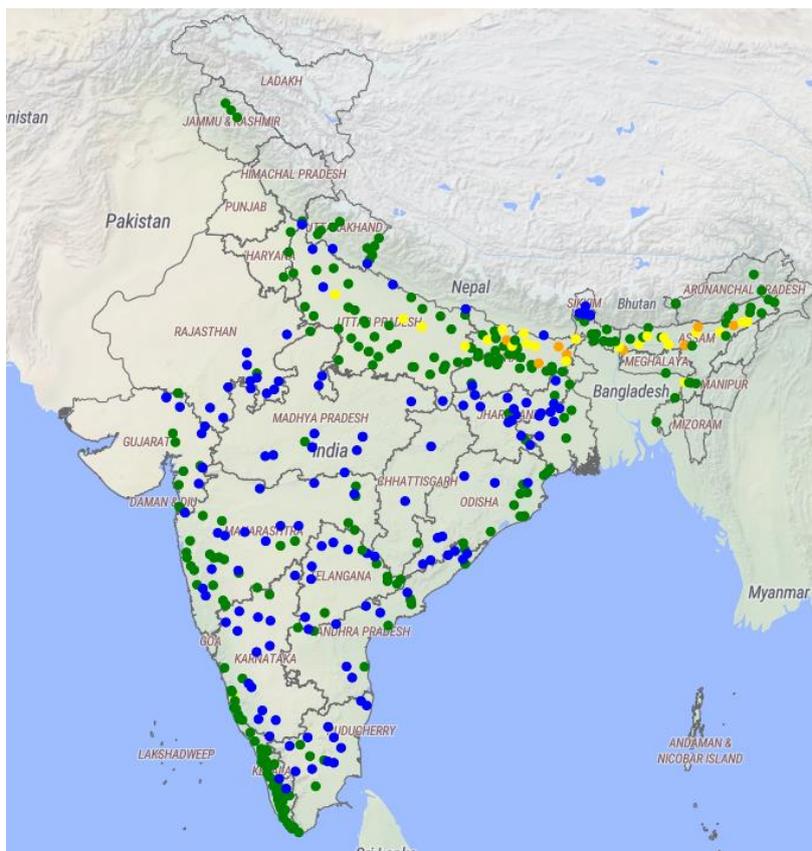
Name of Place (State)	Rainfall (in cm)
Thane (Maharashtra)	38
Mumbra (Maharashtra)	26
Mandangad (Maharashtra)	25
Shrivardhan (Maharashtra)	23
Uran, Mhasla, Matheran, Dahisan & Panvel (Maharashtra)	21 each
Mumbai (Santa Cruz) & Dunderwadi (Maharashtra)	20
Kalyan & Dapoli (Maharashtra)	19 each
Poladpur, Chiplun, Ulhasnagar, Bhira (Maharashtra) & Sanguem (Goa)	17 each
Dodamarg (Maharashtra)	16
Pen (Maharashtra)	15
Mahabaleshwar, Palghar, Bhiwandi, Khed & Ambarnath (Maharashtra)	14 each
Okha (Gujarat), Mumbai (Colaba) (Maharashtra)	13 each

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



2.0 CWC inferences

2.1 Flood Situation on 5th July, 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 5th July 2020, 8 stations (4 in Assam and 4 in Bihar) are flowing in Severe Flood Situation and 22 stations (10 in Assam, 8 in Bihar, 4 in Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast were issued for 5 Barrages and Dams (3 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))	8
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	22
Total number of sites above Warning Level (A+B+C)		30
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)		5

Details can be seen in link http://cwc.gov.in/sites/default/files/dfb-2020-05072020_5.pdf

2.2 CWC Advisories

- Under the influence of low-pressure area over Kutch & neighbourhood, widespread rainfall activity likely over Gujarat State during next 3 days and decrease thereafter. Isolated heavy to very falls with extremely heavy falls very likely over Saurashtra & Kutch during next 2 days and isolated heavy to very heavy falls thereafter. Isolated heavy to very heavy falls also very likely over Gujarat region during next 2- 3 days.
- Under the influence of a low-pressure area over Northwest Bay of Bengal off Odisha-Gangetic West Bengal coasts and associated cyclonic circulations, fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely

over Odisha, West Bengal, Jharkhand and Bihar during next 2-3 days and isolated heavy falls thereafter.

- The monsoon trough is south of its normal position. Under its influence, fairly widespread to widespread rainfall very likely over parts of central & northwest India during next 4-5 days. Isolated heavy falls also likely over the region during the same period.
- Intense thunderstorm & lightning potential zone: Moderate to intense thunderstorm & lightning very likely over Saurashtra & Kutch, south Gujarat region, East Rajasthan, Madhya Pradesh, East Uttar Pradesh, Bihar, Chhattisgarh, Gangetic West Bengal, Odisha and Jharkhand during next 12 hours.

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

2.2.1 Maharashtra, Goa, Gujarat, Daman & Diu

Due to ongoing heavy to very heavy rainfall with extremely heavy rainfall in Konkan & Goa, Gujarat State and its neighbourhood, river levels in these States are rising along the Coastal Rivers in West Flowing rivers between Tapi and Tadri. Since heavy to very heavy rain is expected along the West Coast for another 1-2 days, there may be chances of sudden rise of water levels in small river stream originating from western Ghats 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. Since rainfall is also expected in Damanganga basin for another 1-2 days, there is likelihood of rise in water levels in this basin in the district of Valsad in Gujarat, Daman in UT of Daman & Diu as well as in Dara & Nagar Haveli

2.2.2 Karnataka

Due to very heavy rain in Coastal Districts and in Western Ghats areas, many of the rivers have started rising. Due to rainfall in upper catchment, Upper Tunga Project (Gajanur Project) in Shivamogga District attained its Full Reservoir Level (FRL) today. Excess water is being released downstream. However, since reduction in rainfall has been predicted, these rivers may fall as the effect rainfall reduces.

2.2.3 Odisha, Chhattisgarh, Jharkhand & Bihar

Due to formation of low pressure area over North West Bay off Odisha and West Bengal Coast and its likely movement over Jharkhand & Bihar leading heavy to very heavy rainfall in the basins of Subarnarekha, Brahmani, Bitarni, Upper Mahanadi and in Damodar Basin as well as in South Bihar in Sone & Punpun Basin, there is likelihood of rise in water levels in these basin during the next 2-3 days. However, river levels in North Bihar are slowly falling.

2.2.4 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.

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
Odisha: Districts along rivers Subarnarekha, Brahmani, Baitarni, Upper Mahanadi
Jharkhand: Districts along rivers Damodar, Subarnarekha, Koel
Bihar: Districts along rivers Koel, Sone, Punpun