



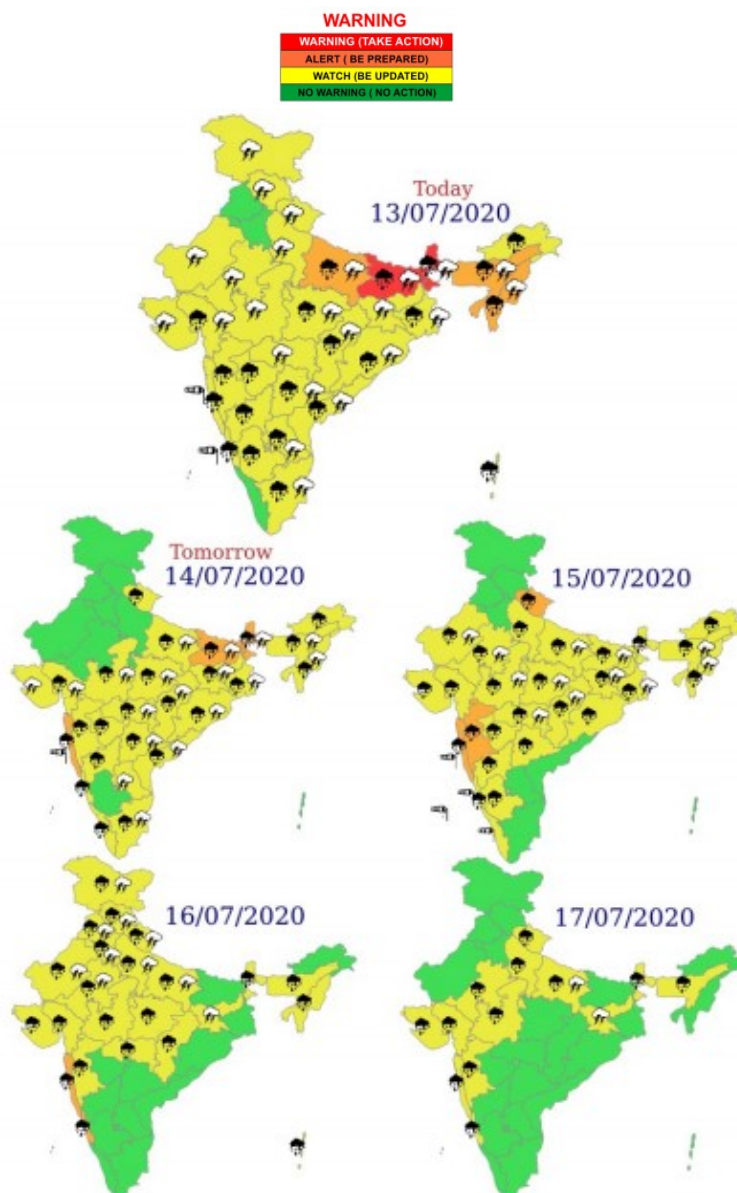
Central Water Commission
Daily Flood Situation Report cum Advisories
13-07-2020

1.0 IMD information

1.1 Chief Amount of rainfall recorded at 0830 hours IST of today (8cm or more) as per IMD

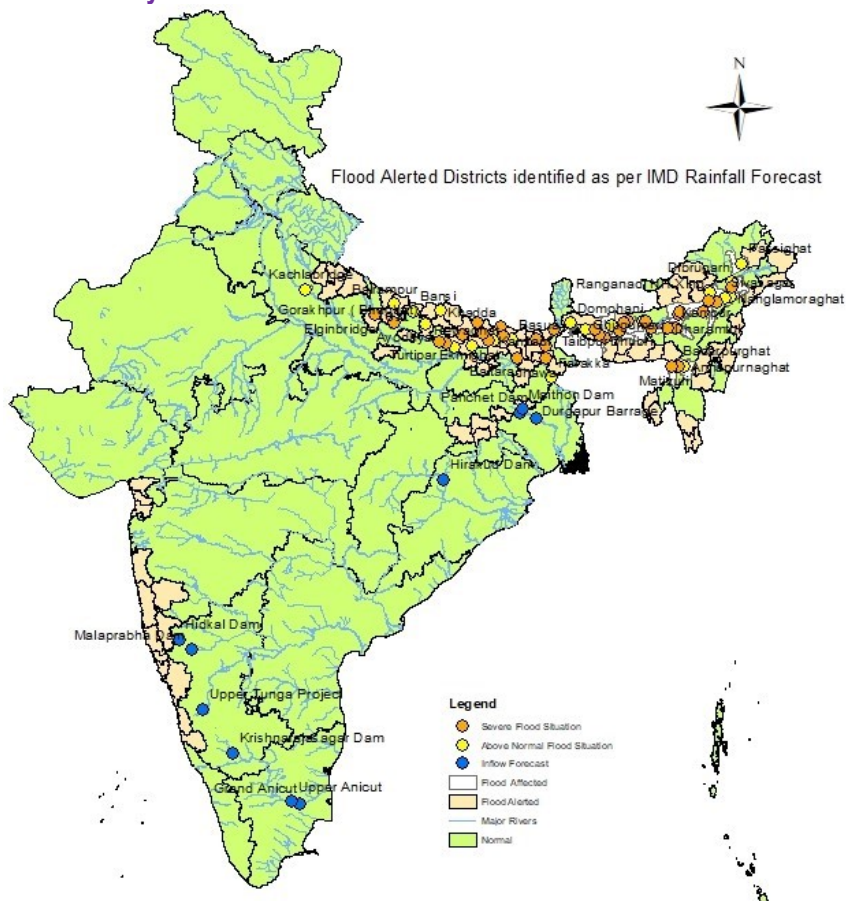
Name of Place (State)	Rainfall (in cm)
Sohra (Meghalaya)	18
Khliehriat (Meghalaya)	17
Chepan (Assam)	15
Kailashahar (Tripura), Panbari (Assam), Umergram (Gujarat)	13 each
Alipurduar (WB)	12
Venkatpur (Telangana), Gossaigaon (Assam), Malvan (Maharashtra)	11 each
Bagafa (Tripura), Utnur (Telangana)	10 each
Jalpaiguri (WB), Thirukkalukundram (TN), Dowlaiswaram (Andhra Pradesh), Quepem (Goa)	9 each
Kelambakkam (TN), Anakapalle & Pakala (Andhra Pradesh), Tamsi (Telangana)	8 each

1.2 Rainfall forecast for next 5 days issued on 13th July 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 13th July 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 13th July 2020, 33 stations (17 in Assam, 12 in Bihar, 3 in Uttar Pradesh and 1 in West Bengal) are flowing in Severe Flood Situation and 22 stations (8 in Assam, 5 in Bihar, 5 in Uttar Pradesh, 3 in West Bengal and 1 in Arunachal Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 10 Barrages and Dams (4 in Karnataka, 2 in Jharkhand, 2 in Tamilnadu, 1 in Odisha and 1 in West Bengal).

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))	33
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)		55
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)		10

Details can be seen in link http://cwc.gov.in/sites/default/files/cfcr-cwdfb13072020_5.pdf

2.2 CWC Advisories

- The monsoon trough at mean sea level now passes through Amritsar, Chandigarh, Bareilly, Azamgarh, Jamui, Dumka, Canning and thence southeastwards to North Bay of Bengal. It is likely to shift further southwards during next 48 hours. Under its influence, fairly widespread to widespread rainfall with isolated heavy falls is likely over the plains of Northwest India during 15 -17th July, 2020 with maximum intensity and distribution of rainfall on 16th July.
- Under the influence of strong lower level wind convergence along the West coast, isolated to scattered heavy to very heavy falls are likely over north Madhya Maharashtra and north Konkan & Goa during 14 – 16th July, 2020 with isolated extremely heavy falls on 15th July.
- In view of reduction in convergence of lower level southwesterly/southerly winds from Bay of Bengal and revival

of the monsoon trough, intensity of rainfall over Northeast India has substantially reduced. However, isolated heavy falls are likely over the region during next 3-4 days. Isolated heavy to very heavy falls are likely over Bihar and Sub-Himalayan West Bengal & Sikkim during next 3 days.

- Intense thunderstorm & lightning potential zone: Moderate to severe thunderstorm & lightning very likely over East Uttar Pradesh, South Bihar, Jharkhand, Gangetic West Bengal, North Madhya Pradesh and East Rajasthan 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 & Sikkim

Intensity of rainfall over Northeast India has substantially reduced. However, isolated heavy falls are likely over the region during next 3-4 days. Isolated heavy to very heavy falls are likely over Sub-Himalayan West Bengal & Sikkim during next 3 days.

Arunachal Pradesh

Rainfall over Arunachal Pradesh has reduced significantly due to which River Siang at Passighat has started falling and is now flowing below Danger Level. It is likely to fall further slowly.

Assam

Brahmaputra

River Brahmaputra is in spate at Goalpara, Guwahati and Dhubri. Station wise situation based on 0800 hrs level of today is as under:

Dibrugarh (Dibrugarh District): River has started falling slowly and is now flowing below Danger Level.

Neamatighat (Jorhat District): River has started falling slowly but is still above the Danger Level by 1.89 m at 1300 hrs today.

Tezpur (Sonitpur District): River has started falling but continuing to fall above Danger Level and may be below the Danger Level by tomorrow morning 0900 hrs.

Guwahati (Kamrup Metropolitan District): River is rising and is flowing 0.87 m above its Danger Level of 49.68 m at 1300 hrs today. There is likelihood of rise in Water Level for 1 more day. It is likely to rise to about 0.97 m above Danger Level by tomorrow morning.

Goalpara (Goalpara District): River is rising and is flowing 0.64 m above its Danger Level of 36.27 m. It is likely to rise till 14th July and attain its peak by 14th July evening.

Dhubri (Dhubri District): River is rising and is flowing in Severe Flood Situation. There is likelihood of rise in Water Level for next 3 days. It is flowing 1.16 m above its Danger Level of 28.62 m. It may attain its peak by 15th July morning.

Tributaries of Brahmaputra

Rivers Subansiri in Lakhimpur District, Beki and Manas in Barpeta District, Buridehing in Dibrugarh District, Kopili in Nagaon & Morigaon Districts, Sankosh in Dhubri District, Kushiya in Karimganj District, Jia-Bharali in Sonitpur District, Dhansiri (South) in Golaghat District and Puthimari in Baksa are flowing in Severe Flood Situation with slow falling or steady trend. Since rainfall is likely to reduce significantly all along the basin, there is likelihood of continuous fall in level.

West Bengal

Due to extremely heavy rain in its catchment areas, River Raidak at Tufanganj in Coochbehar District is flowing in Severe Flood Situation with rising trend. River Ganga at Farakka in Murshidabad District is flowing above normal with rising trend. River Teesta at Domohani in Jalpaiguri District is flowing Above Normal flood situation with steady trend and its tributary Torsa is flowing in Above Normal Flood Situation with falling trend. Since rainfall is likely to reduce in the next 2 days, levels are likely to fall slowly in all rivers.

2.2.2 Uttar Pradesh, Uttarakhand and Bihar

Isolated heavy to very heavy falls are likely over Bihar during next 3 days.

Bihar

Rivers Mahananda, Parman, Bagmati, Kosi, Kamla, Kamlabalan and Ghaghra are flowing in Severe Flood Situation in the Districts of Araria, Sitamarhi, Kishanganj, Gopalganj, Khagaria, Muzaffarpur, Siwan, Purnia, Katihar and Madhubani Districts. Since rainfall has been forecasted to continue during next 3 days, the rivers are likely to continue in Severe Flood Situation for another 3-4 days.

Uttar Pradesh

Rivers Ghaghra in Ayodhya, Ballia and Barabanki Districts is flowing in Severe Flood Situation. Since rainfall has been forecasted to continue another 3 days, the rivers are likely to continue in Severe Flood Situation for another 3-4 days.

Impact Based Actions

Strict vigil is to be maintained in all the above Districts 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. 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 Covid 19 situation in relief camps being set up in these districts.

2.2.3 Karnataka & Maharashtra

Heavy to very Heavy rainfall is likely to continue in Coastal Districts of Karnataka, North Konkan & Goa and in Western Ghats area of Interior Karnataka and Madhya Maharashtra for next 5 days, many of the rivers are likely to rise. Almatti Dam on river Krishna in Vijayapura District is presently getting reduced inflows as the effect of rainfall in Madhya Maharashtra has reduced. However, since intensity of rainfall is likely to rise from 13th July onwards, there is likelihood of increase in inflows likely during the next 5 days. 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. As on date Almatti Dam is having storage of 73% and Narayanpur Dam is having a storage of 84%. 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.

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 and regulate traffic along bridges to avoid any incidents due to submergence or washing out of bridges.

3. Flood Affected Districts

Arunachal Pradesh:	East Siang, East & West Kameng, Changlang, Lohit, Inner Dibrang
Assam:	Barpeta, Bongaigaon, Dhubri, Dibrugarh, Sonitpur, Sibsagar, Jorhat, Baksa, Chirang, Kamrup, Nagaon
Bihar:	Gopalganj, Khagaria, Madhubani, Sitamarhi, Kishanganj, Muzaffarpur, Siwan
Uttar Pradesh:	Barabanki, Ballia, Balrampur, Ballia

4. Flood Alerted Districts

Assam:	Districts along the Brahmaputra and its Tributaries
West Bengal:	Coochbehar, Alipurduar, Jalpaiguri
Sikkim:	Districts along Teesta
Bihar:	Districts along North Bank Tributaries of Ganga
Uttar Pradesh:	Districts along Ghaghra and Rapti & their tributaries
Maharashtra:	Districts along river reaches of West Flowing Rivers and Krishna and its tributaries
Karnataka:	Districts along West Flowing Rivers and along Krishna upto Almatti Dam.