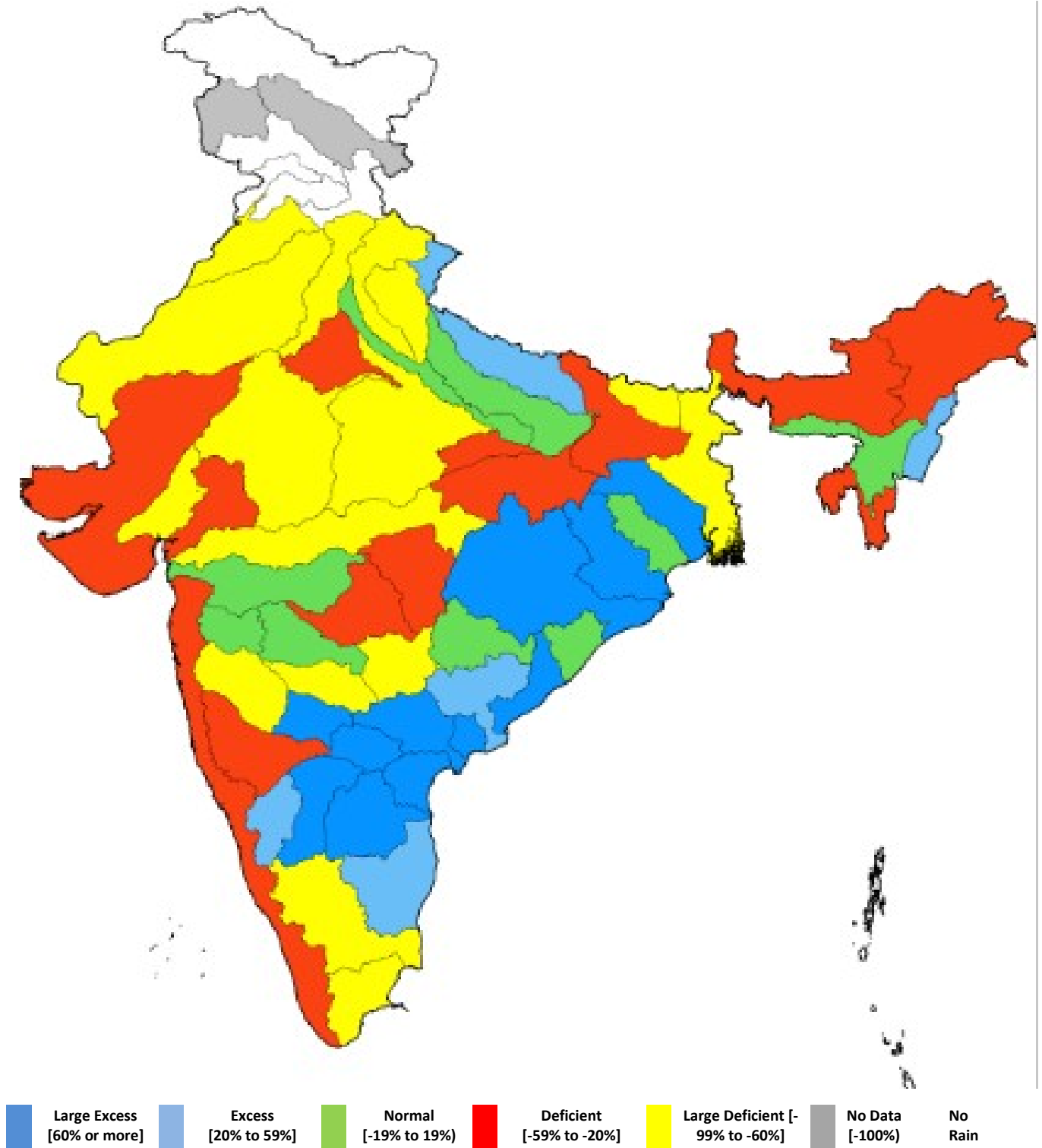




Central Water Commission
Daily Flood Situation Report cum Advisories
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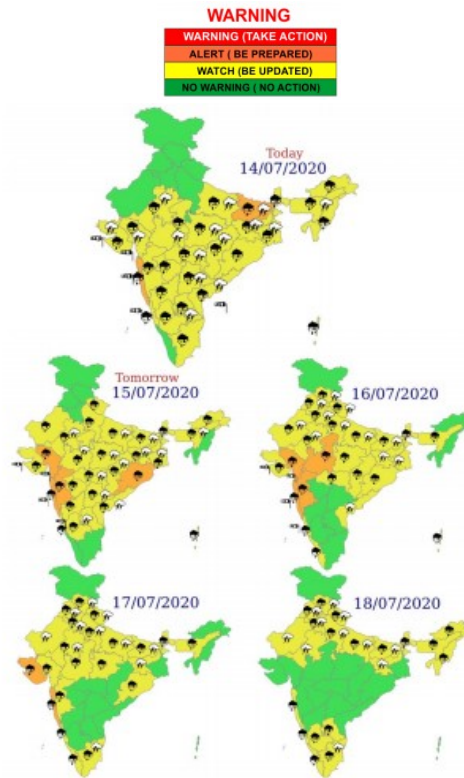
1.0 IMD information

1.1 Basin wise departure from normal rainfall on 14th July 2020



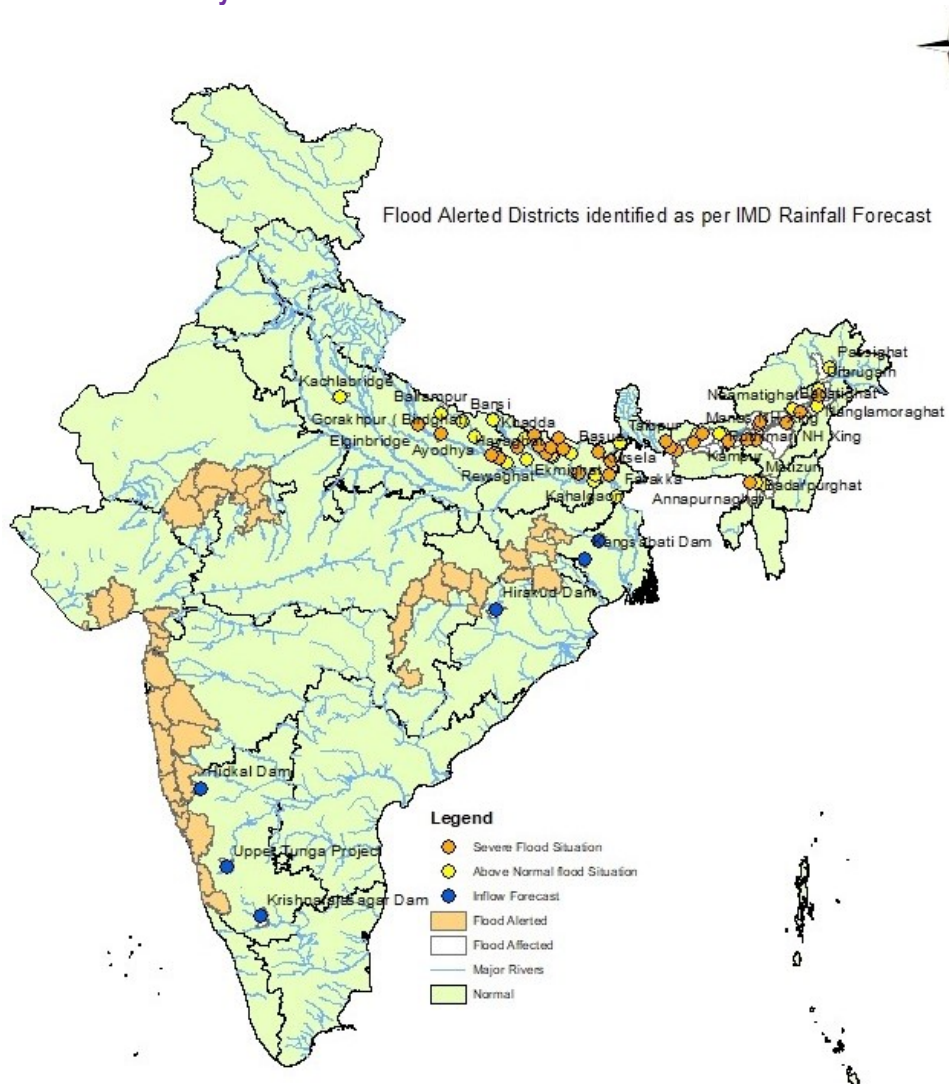
Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 14th July 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 14th July 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 14th July 2020, 29 stations (13 in Assam, 12 in Bihar, 3 in Uttar Pradesh and 1 in West Bengal) are flowing in Severe Flood Situation and 25 stations (9 in Assam, 9 in Bihar, 5 in Uttar Pradesh, 1 in West Bengal and 1 in Arunachal Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 6 Barrages and Dams (3 in Karnataka, 1 in Odisha and 2 in West Bengal).

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))	29
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	25
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)		6

Details can be seen in link http://cwc.gov.in/sites/default/files/cfcr-cwcdfb14072020_5.pdf

2.2 CWC Advisories

- Today, the eastern end of the monsoon trough has shifted further southwards causing significant reduction in rainfall intensity over Northeast India where isolated heavy rainfall has been realized only over Arunachal Pradesh. Under the influence of strengthening of lower level easterlies and the Monsoon trough:
 - a) Fairly widespread rainfall with isolated heavy falls is likely over the plains of Northwest India during 15-18 July, 2020 with maximum intensity and distribution of rainfall on 16th & 17th July.
 - b) Widespread rainfall with isolated heavy to very heavy falls are likely over Odisha & Bihar and isolated heavy falls are likely over Jharkhand and West Bengal during next 2 days.
- Under the influence of strong lower level wind convergence along the West coast, isolated heavy to very heavy falls are likely over north Madhya Maharashtra, south Gujarat region and north Konkan during 14-16 July, 2020 with Isolated extremely heavy falls over north Madhya Maharashtra and north Konkan on 15th July and over south Gujarat region on 16th July.
- Intense thunderstorm & lightning potential zone: Moderate to severe thunderstorm & lightning very likely over Madhya Pradesh, Vidarbha, Chhattisgarh 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 North Eastern States, Sub-Himalayan West Bengal & Sikkim

There is significant reduction in intensity of rainfall over Northeast India and hence the levels are likely to fall slowly in all rivers.

Assam: River Brahmaputra is flowing in Severe flood situation at Goalpara in Goalpara District and at Dhubri in Dhubri district with rising trend. It is flowing in Severe flood situation with falling trend at Tezpur in Sonitpur District, at Neamatighat in Jorhat District and with steady trend at Guwahati (D.C.Court) in Kamrup District.

Tributaries of Brahmaputra

Rivers Kopili in Nagaon & Morigaon Districts, Dhansiri (South) in Golaghat District, Kushiya in Karimganj District, Sankosh in Dhubri District, Buridehing in Dibrugarh District, Jia-Bharali in Sonitpur District and Beki in Barpeta District 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

River Raidak at Tufanganj in Coochbehar District is flowing in Severe 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 and Bihar

Bihar

Rivers Mahananda, Parman, Bagmati, Kosi, Kamla, Kamlabalan, Adhwara and Ghaghra are flowing in Severe Flood Situation in the Districts of Araria, Sitamarhi, Kishanganj, Gopalganj, Khagaria, Muzaffarpur, Siwan, Purnia, Darbhanga,

Katihar and Madhubani Districts. Since no significant rainfall has been forecasted during next 3-4 days, there is likelihood of fall in level in these rivers.

Uttar Pradesh

Rivers Ghaghra in Ayodhya, Ballia and Barabanki Districts is flowing in Severe Flood Situation. Since no significant rainfall has been forecasted during next 3-4 days, there is likelihood of fall in level in these rivers.

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 and Goa

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 3-4 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 14th 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 72% 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.

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

Assam: Barpeta, Dibrugarh, Marigaon, Dhubri, Goalpara, Kamrup, Nagaon, Karimganj, Sonitpur, Jorhat, Golaghat
West Bengal: Coochbehar
Bihar: Araria, Sitamarhi, Gopalganj, Khagaria, Muzaffarpur, Siwan, Purnia, Madhubani, Katihar, Darbhanga
Uttar Pradesh: Ayodhya, Barabanki, Ballia

4. Flood Alerted Districts

Assam: Districts along the Brahmaputra and its Tributaries
Sikkim: Districts along Teesta
Bihar: Districts along North Bank Tributaries of Ganga
Uttar Pradesh: Districts along Ghaghra and Rapti
Gujarat: Districts along small rivers in Saurashtra as well as in Damanganga in Valsad District
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.