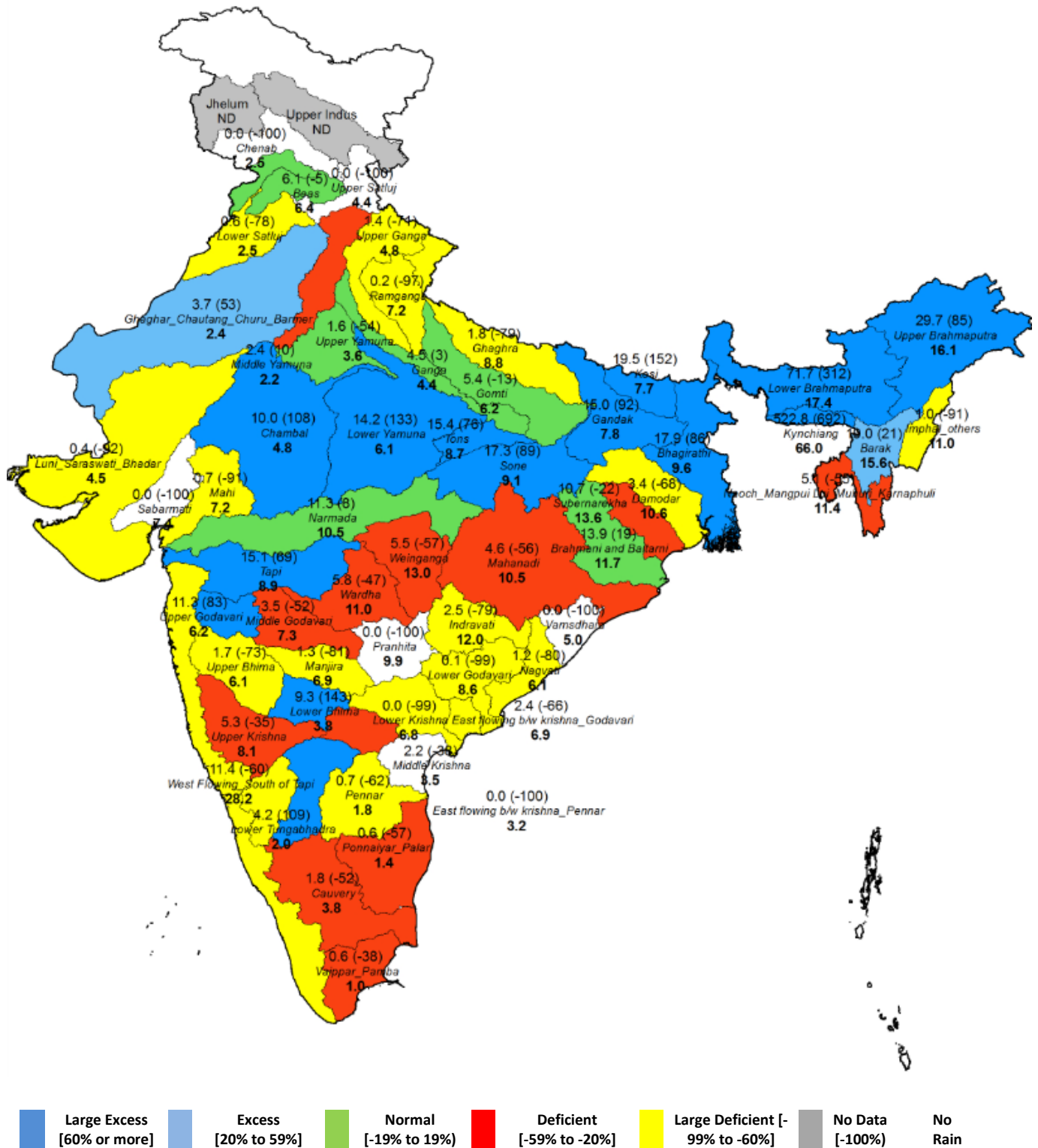




Central Water Commission
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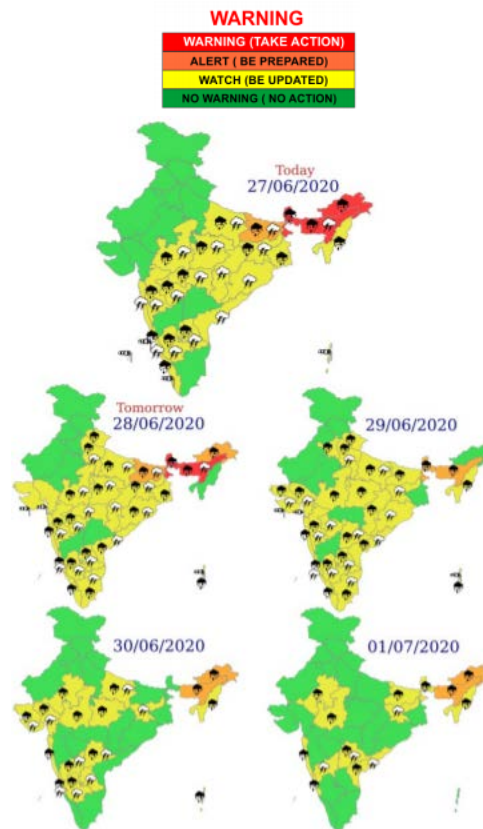
1.0 IMD information

1.1 Basin wise departure from normal rainfall on 27th June 2020



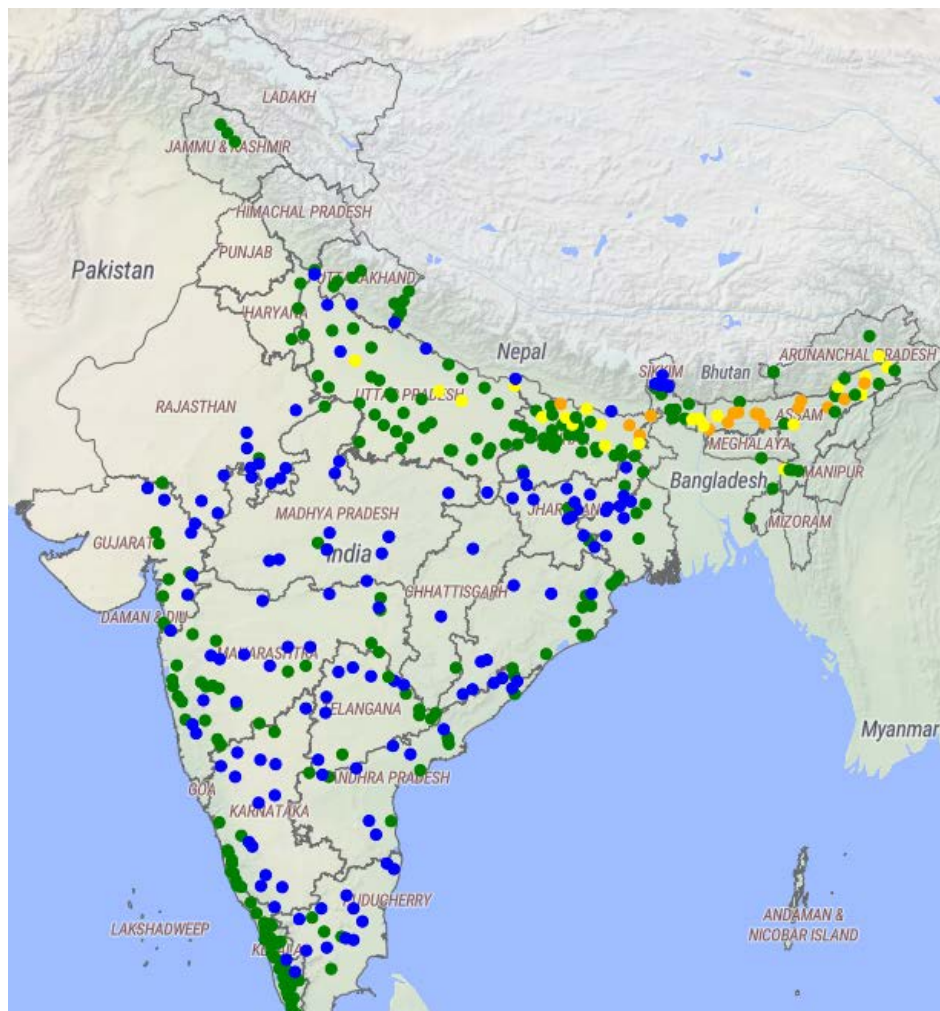
Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 27th June, 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 27th June, 2020



2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 27th June 2020, 16 stations (12 in Assam and 4 in Bihar) are flowing in Severe Flood Situation and 24 stations in the States of West Bengal (2), Arunachal Pradesh (1), Assam (7), Bihar (7) and Uttar Pradesh (4) are flowing in Above Normal Flood Situation. Inflow Forecast were issued for 3 Barrages and Dams (1 in Odisha, 2 in Jharkhand 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))	16
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)		38
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 the link http://cwc.gov.in/sites/default/files/dfb202027062020_5.pdf

2.2 CWC Advisories

- An east-west shear zone runs roughly along 11°N Lat. between 3.1 km & 5.8 km above mean sea level and an off shore trough at mean sea level runs from Karnataka coast to Lakshadweep-Maldives area. Under the influence of these systems, fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall likely over parts of south peninsular India during next 4-5 days.
- Due to shift of trough northwards and convergence of strong southerly/south-westerly winds from Bay of Bengal over northeast & adjoining east India, widespread rainfall with isolated heavy to very heavy rainfall very likely to continue over northeast & adjoining east India during next 2-3 days. Isolated extremely heavy rainfall is also likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during next 24 hours.
- Fairly widespread to widespread rainfall activity with isolated heavy falls also very likely over East Uttar Pradesh during next 3-4 days and over West Uttar Pradesh during 28-29th June.

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

Arunachal Pradesh: Due to ongoing very heavy rainfall in Dibang, Noa-Dehing, Lohit Sub-Basins, there is likelihood of rise in water Levels in basins of Siang, Dibang, Lohit & Noa-Dehing during the next 1-2 days. Inundation in foothill districts of East Siang, Lower Dibang and Lohit districts may be caused by the river Siang, Dibang and Lohit. Land slide and flash floods in hilly districts may also occur. Although, Ranganadi HEP of NEEPCO is a run of river scheme without storage for flood moderation, prior warning for downstream district administration of Lakhimpur District of Assam by NEEPCO will be helpful.

Assam: Due to ongoing extremely heavy rainfall in Assam, the main Brahmaputra is already in Severe Flood Situation in Neamatighat, Tezpur, Guwahati, Goalpara and Dhubri and in Above Normal Flood Situation at Dibrugarh. The main river is in flood throughout its reach.

With the forecasted heavy to very heavy rainfall with isolated extremely heavy rainfall in lower reaches of the river including North Bank Tributaries of Manas, Beki, Gaurang, Aie, Champamati, Pagladiya, Puthimari, Dhansiri (N) for two to three days, it may inundate villages along its banks in the districts of Dhubri, Kokrajhar, Goalpara, Chirang, Barpeta, Bongaigaon, Baska, Nalbari, Kamrup, Darrang & Udalgiri districts. Other tributaries namely, Jibharali, Ranganadi, Subansiri, Noa-Dihing, Burhi-Dihing, Disang, Dikhow, Bhogdoi, Dhansiri (S), Kopili, Dudhnoi etc may also rise and cause inundation in the districts of Lakhimpur and Dhemaji on northern side of Brahmaputra and Kamrup, Marigaon, Nagaon, Golaghat, Dibrugarh and Tinsukia on southern side of Brahmaputra. Hydrograph of river Champamati at Bahulpur in Barpeta District, River Burisuti at Panbari in Bongaigaon District are attached.



Sub-Himalayan West Bengal: River Torsa at Ghghumari in Coochbehar District, River Raidak-I at Tufanganj in Coochbehar District, are flowing in Above Normal Flood Situation. Due to forecasted rainfall, there is likelihood of rapid rise in Water Levels in River Sub-Basins of Torsa, Raidak, Sankosh, Mahananda sub-basins in the Districts of Alipurduar, Coochbehar, Jalpaiguri, Dinajpur and Malda in West Bengal.

2.2.2 Bihar

Due to ongoing rainfall in Northern Bihar and Sub-Himalayan West Bengal catchments, River Mahananda at Taibpur in Kishanganj District, Dhenraghat in Purnia District, River Bagmati at Dheng Bridge in Sitamarhi District and River Parman at Araria in Araria District are flowing in Severe Flood Situation. Due to the forecasted rainfall forecast, there is likelihood of rise in Water Levels in River Sub-Basins of Kosi, Bagmati, Adhwara, Mahananda and Gandak in the North Bihar Districts. Maximum Vigil is to be maintained along these river banks.

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

West Bengal: Coochbehar, Jalpaiguri, Alipurduar

4. Flood Alerted Districts

Bihar: Districts along river basins of Kosi, Mahananda, Bagmati & Adhwara Group, Kamla Balan