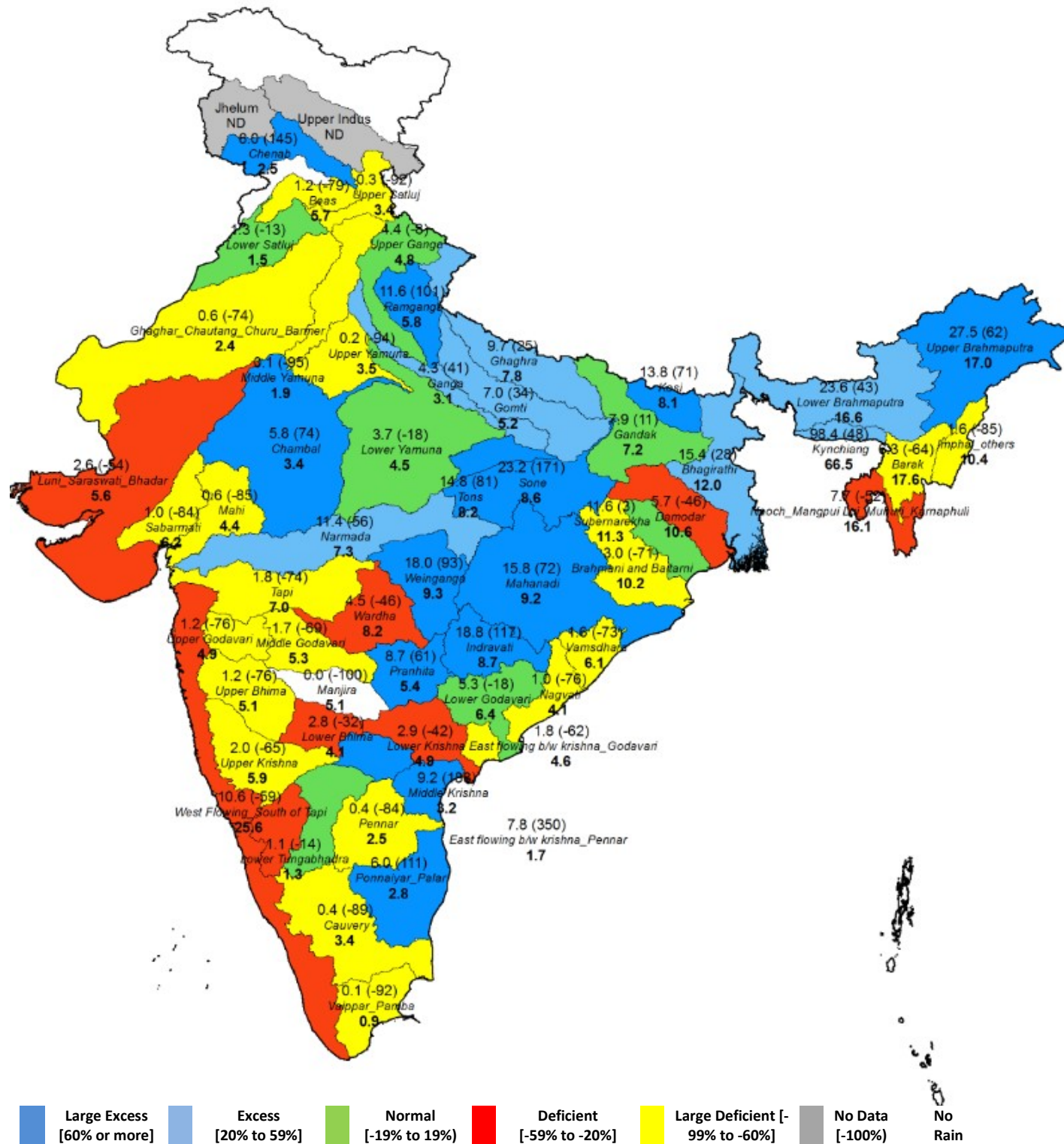




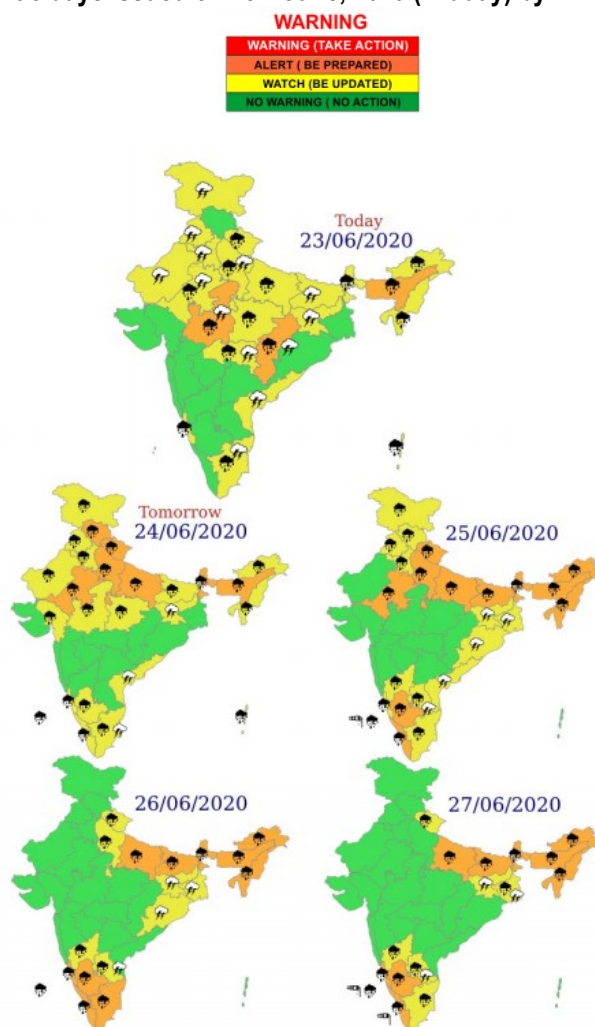
Central Water Commission
Daily Flood Situation Report cum Advisories
23-06-2020

1.0 IMD information

1.1 Basin wise departure from normal rainfall on 23rd June 2020



1.2 Rainfall forecast for next 5 days issued on 23rd June, 2020 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation on 23rd June, 2020

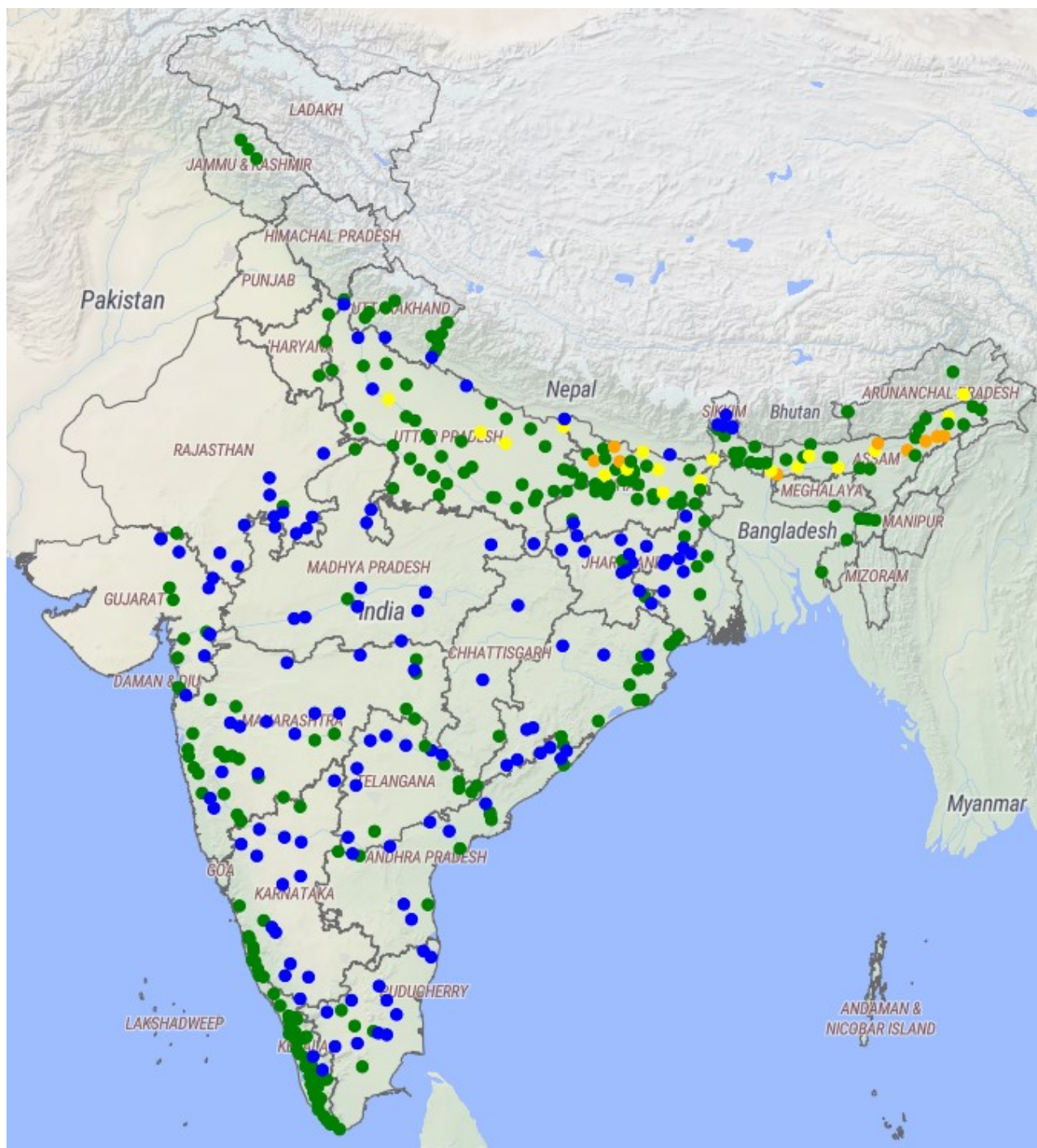
2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd June 2020, 9 stations (6 in Assam and 3 in Bihar) are flowing in Severe Flood Situation and 18 stations in the States of Arunachal Pradesh (1), Assam (6), Bihar (7), Uttar Pradesh (4) are flowing in Above Normal Flood Situation. Inflow Forecast were issued for 4 Barrages and Dams (1 in Odisha, 1 in Chhattisgarh 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))	9
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	18
Total number of sites above Warning Level (A+B+C)		27
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)		4

Details can be seen in link http://cwc.gov.in/sites/default/files/cfcr-cwcdfb23062020_5.pdf

Present Flood Situation in the country is shown in the Map below:



2.2 CWC Advisories

2.2.1 North Eastern States & Sub-Himalayan West Bengal

Fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall is very likely to continue over northeast & adjoining east India during next 5 days. Isolated extremely heavy rainfall is also likely over Sub-Himalayan West Bengal & Sikkim during 25th-26th June and over Assam & Meghalaya during 25th - 27th June, 2020. Quantitative Precipitation Forecast issued for Manas, Beki, Dhubri, Sankosh, Jaldhaka, Torsa and Raidak Sub-Basins indicate that 26-50 mm rainfall has been forecasted for 25th June and 51-100 mm for 26th June.

Assam: The main Brahmaputra is already in flood throughout its reach. With the rainfall continuously for two to three days as forecasted, it may inundate villages along its banks in the districts of Dhubri, Goalpara, Nalbari, Kamrup, Morigaon, Darang, Tezpur, Nagaon, Golaghat, Jorhat, Dhemaji, Sibsagar, Dibrugarh and Tinsukia. Extremely heavy rainfall in the catchments of northern tributaries of Brahmaputra on 26th June 2020 namely Sankosh, Gaurang, Aie, Manas, Beki, Pagladiya, Puthimari may cause severe inundation in the districts of Kokrajhar, Dhubri, Goalpara, Chirang, Baksa, Barpeta, Nalbari districts during 26th June onwards. Other tributaries namely, Dhansiri(N), Jiabharali, Ranganadi, Subansiri, Noa Dihing, Burhi Dihing, Disang, Dikhow, Bhogdoi, Dhansiri (S), Kopili, Dudhnoi etc may also rise and cause inundation in the districts of Udalguri, Darang, Lakhimpur and Dhemaji on northern side of Brahmaputra and Kamrup,

Marigaon, Nagaon, Golaghat, Dibrugarh and Tinsukia on southern side of Brahmaputra. Although Kopili Dam is in free flow condition, timely sharing of flood passing through the spillway by NEEPCO with downstream district administration of Dima Hasao, Karbi Anglong, Nagaon, Morigaon and Kamrup (M) will be helpful.

Arunachal Pradesh: 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.

Nagaland: Land slide and Flash Floods in hill districts may be caused due to the rainfall. Since water level in Doyang HEP is very low, spillage from the dam is not expected. However, the situation needs to be closely monitored by NEEPCO for timely gate operation with prior warning to downstream district administration of Golaghat district of Assam.

Manipur: Inundation in Imphal West and Bishnupur districts in Imphal Valley depending on the intensity and continuity of the rainfall, flash flood and land slide in hilly districts may occur. Various Dams and Barrages needs close monitoring and may be operated with warning in advance to downstream areas in such a way that inundation caused is minimised.

Tripura: Inundation in the plain districts of West Tripura and North Tripura is least likely with the three days rainfall forecast. The Gumti reservoir on Gumati river needs to be monitored closely and gate to be operated in such a way that sudden release do not cause inundation in lower reaches in Nutan Bazar of South Tripura District and Sonamura of West Tripura District.

Meghalaya: Flash flood and landslide may occur. Dams have to be monitored and operated optimally with prior intimation to avoid sudden release and flooding in downstream.

Mizoram: Flash flood and landslide may occur. NEEPCO Tural HEP reservoir level is very low and there is least possibility of its getting filled and spillage. However, it needs close monitoring and information sharing with all concerned in the district of Cachar of Assam by NEEPCO.

Sub-Himalayan West Bengal: 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, Dinajpur and Malda in 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.

2.2.2 Bihar

Quantitative Precipitation Forecast issued for Kosi, Mahananda, Bagmati, Adhwara and Gandak Sub-Basins indicate 51-100 mm rainfall. 51-100 mm has been forecasted on 25th and 26th for Kosi, Mahananda, Bagmati, Adhwara and on 26th June, Gandak sub-basin is also expected to get 51-100 mm.

Due to this rainfall forecast, there is likelihood of rapid 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.

2.2.3 Kerala & Mahe

Fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall is likely over parts of south peninsular India during next 5 days. Isolated extremely heavy rainfall is also likely over Kerala & Mahe during 26th -27th June. In view of this forecast, there is likelihood of increased river flow. However, most of the reservoirs in the State are having sufficient storage capacity and the forecasted rainfall may increase the levels in the reservoir and no major spillage is expected.

2.2.4 Chhattisgarh & Odisha

Due to very heavy rainfall occurring in the Upper and Lower Mahanadi, there has been increase in inflows in Ravishankar Sagar Dam in Dhamtari District of Chhattisgarh as well as in Hirakud Dam in Sambalpur District of Odiha. However, these dams are having sufficient storage capacity and the rainfall is increasing the reservoir levels without any spillage. However, rainfall is likely to reduce in these basins.

2.2.5 Uttar Pradesh

Due to forecasted heavy to very heavy rainfall in East Uttar Pradesh during the next 2-3 days, the river levels in Ghaghra Rapti and Gandak are likely to rise. Maximum Vigil is to be maintained for any sudden rise in water level in the districts through which these river flow.