



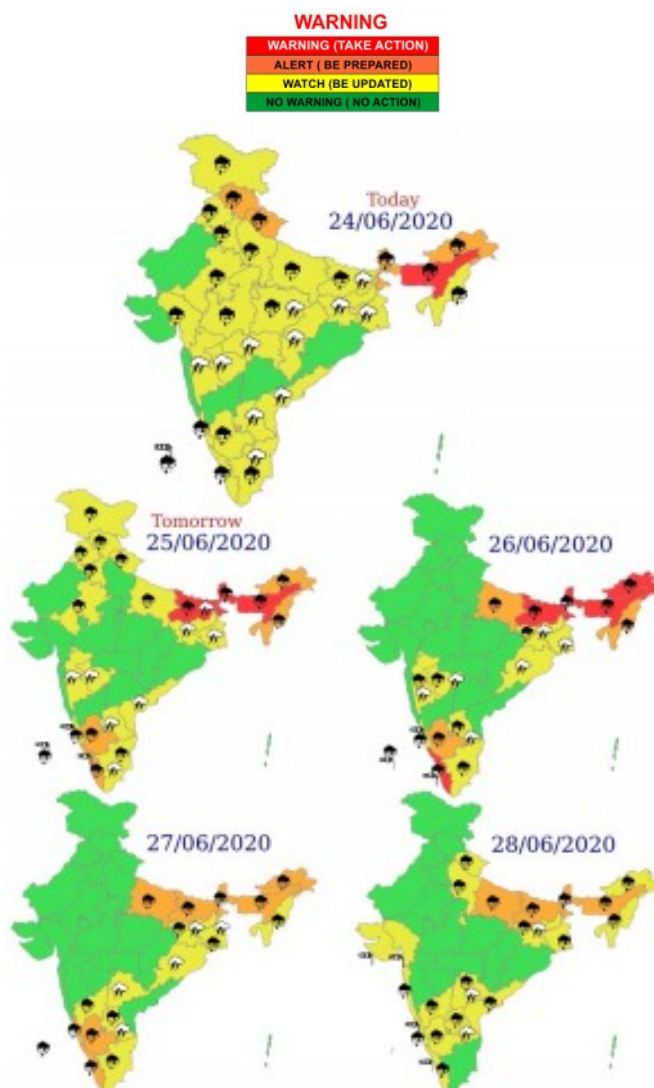
**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**24-06-2020**

**1.0 IMD information**

**1.1 Chief amount of rainfall recorded at 0830 hours IST of today (5cm or more) as per IMD**

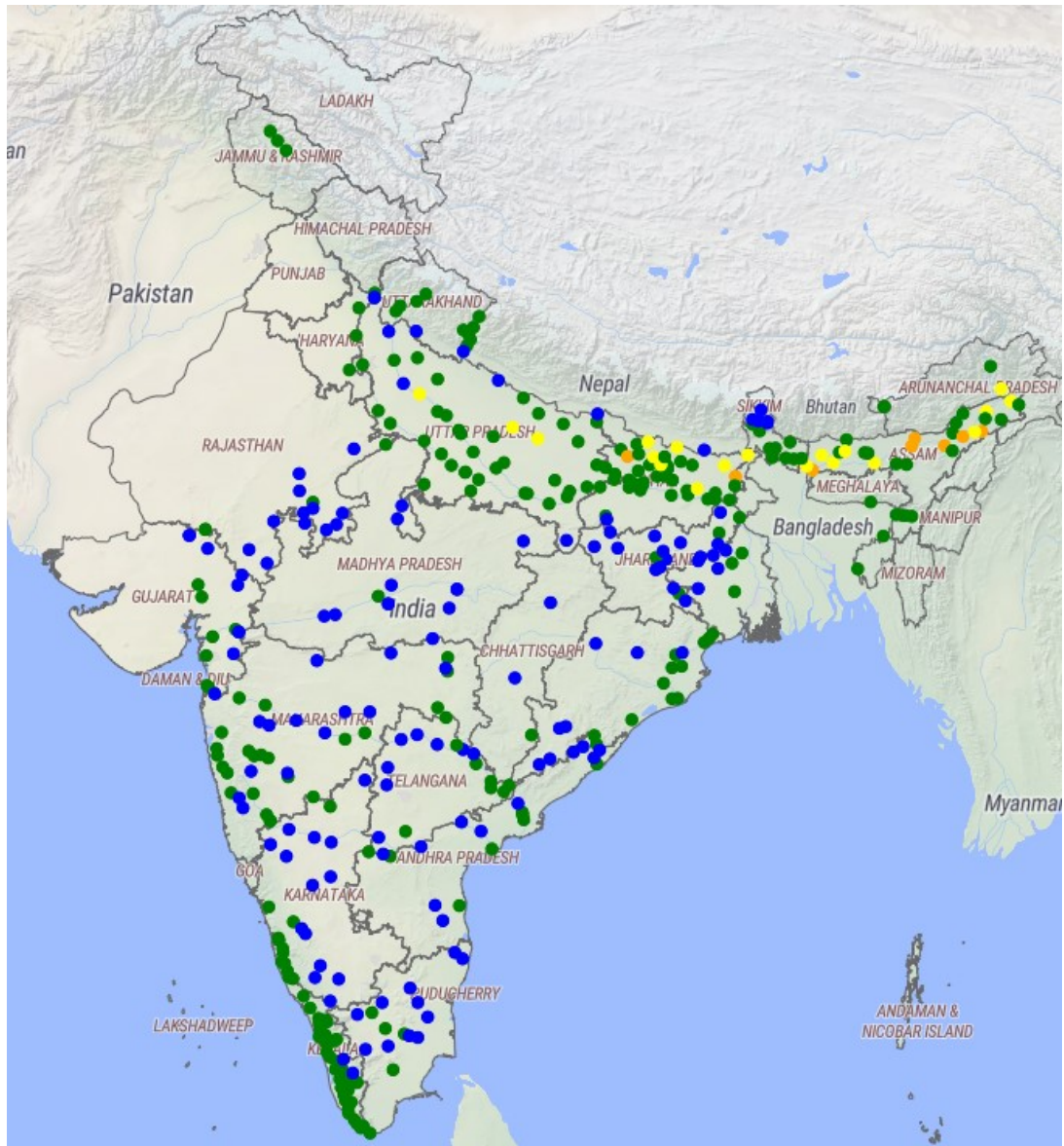
Name of Place (State)	Rainfall (in cm)
Cherrapunji (Meghalaya)	36
Passighat (Arunachal Pradesh)	18
Dholabazar (Assam)	15
Palampur (HP), Mandvi (Gujarat)	11 each
Jalpaiguri (WB), Dharamshala, Baijnath & Jogindar Nagar (HP)	9 each
Haldwani (Uttarakhand), Sagar & Bina (MP), Cheyyur (TN), Kangra (HP), Etawah (UP)	8 each
Dibrugarh (Assam), Azamgarh (UP), Madhopur & Pathankot (Punjab), Vidisha, Shaamgarh, Multai, Gyaaraspur & Bajag (MP), Jakholi (Uttarakhand)	7 each
Vengurla (Maharashtra), Amarpatan (MP), Kannur (Kerala), Mormagao (Goa), Ranikhet, Didihat, Devprayag, Betalghat, Loharkhet & Gangolihaat (Uttarakhand), Shahpur Kandi (Punjab)	6 each
Karwar (Karnataka), Nandigama (Andhra Pradesh), Ujjain, Datia, Neemach, Shivpuri, Shahpura, Sarangpur & Satna (MP), Ulhasnagar (Maharashtra), Mundra (Gujarat), Pithoragarh, Tehri (Uttarakhand), Nathdwara & Dug (Rajasthan)	5 each

**1.2 Rainfall forecast for next 5 days issued on 24<sup>th</sup> June, 2020 (Midday) by IMD**



## 2.0 CWC inferences

### 2.1 Flood Situation on 24<sup>th</sup> June, 2020



#### 2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 24<sup>th</sup> June 2020, 7 stations (6 in Assam and 1 in Bihar) are flowing in Severe Flood Situation and 20 stations in the States of Arunachal Pradesh (1), Assam (7), Bihar (8) and Uttar Pradesh (4) are flowing in Above Normal Flood Situation. Inflow Forecast were issued for 4 Barrages and Dams (1 in Odisha, 1 in Karnataka and 2 in Tamilnadu)

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	7
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	20
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/dfb202024062020\\_6.pdf](http://cwc.gov.in/sites/default/files/dfb202024062020_6.pdf)

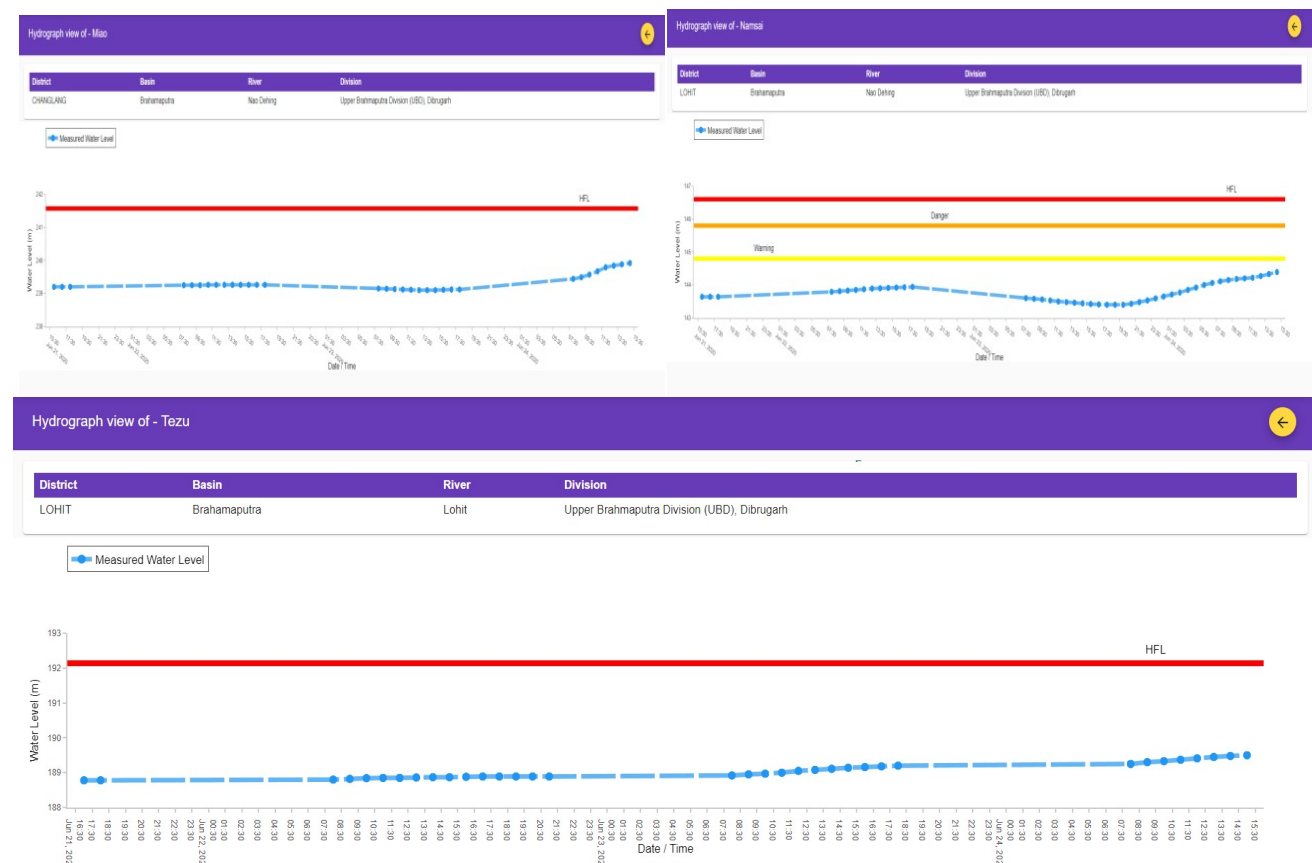
## 2.2 CWC Advisories

- Due to shift of trough northwards and convergence of strong southerly/south-westerly winds over northeast & adjoining east India, fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall very likely to continue over northeast & adjoining east India during next 4-5 days. Isolated extremely heavy rainfall is also likely over Sub-Himalayan West Bengal & Sikkim during 25<sup>th</sup> - 26<sup>th</sup> June and over Assam & Meghalaya during 24<sup>th</sup> - 27<sup>th</sup> June, 2020.
- Fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall likely over parts of south peninsular India during next 5 days. Isolated extremely heavy rainfall also likely over Kerala & Mahe during 26<sup>th</sup>-27<sup>th</sup> June.
- Fairly widespread to widespread rainfall activity with isolated heavy to very heavy falls also very likely over East Uttar Pradesh during next 4-5 days. Isolated heavy to very heavy rainfall also likely over remaining parts of Western Himalayan Region and plains of northwest India during 24<sup>th</sup>-25<sup>th</sup> 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 has been rise in river levels in Dibang, Noa-Dehing and Lohit rivers. Hydrographs of Sites Miao & Namsai on Noa-dehing and Tezu on river Lohit is appended.



Due to the forecasted rainfall, inundation in foothill districts of East Siang, Lower Dibang and Lohit districts may be caused by the river Siang, Dibang and Lohit. River Noa-dehing and Lohit are likely to flow in between Above Normal to Severe Flood Situation during next 2-3 days. 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:** The main Brahmaputra is already in Severe Flood Situation in Neamatighat, Tezpur and Dhubri and in Above Normal Flood Situation at Dibrugarh, Guwahati and Goalpara. The main river is in flood throughout its reach. With the forecasted heavy to very heavy rainfall with isolated extremely heavy rainfall in all reaches of the river including North Bank Tributaries of Manas, Beki, Gaurang, Aie, Pagladiya, Puthimari for two to three days, it may inundate villages along its banks in the districts of Dhubri, Kokrajhar, Chirang, Barpeta, Bongaigaon, 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 26<sup>th</sup> 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 26<sup>th</sup> 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.

Hydrograph is respect of Lohit at Dholabazar, Dibrugarh, Neamatighat, Tezpur and Dhubri is appended.



**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 Gumtiriver 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 Turial 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 25<sup>th</sup> and 26<sup>th</sup> for Kosi, Mahananda, Bagmati, Adhwara.

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 26<sup>th</sup> - 27<sup>th</sup> 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 Himachal Pradesh, Uttar Pradesh & Uttarakhand**

Due to forecasted heavy to very heavy rainfall in Himachal, Uttarakhand and Uttar Pradesh during the next 2-3 days, the river levels in Alaknanda, Bhagirathi, Yamuna and its tributaries, Ghaghra, Rapti and Gandak are likely to start rising. Vigil is to be maintained for any sudden rise in water level leading to flash floods in the districts through which these river flow.