

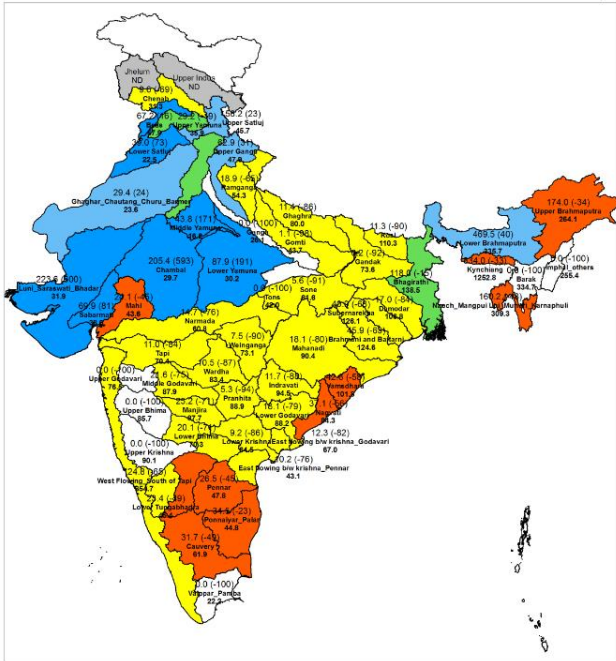


Central Water Commission
Daily Flood Situation Report cum Advisories
20-06-2023

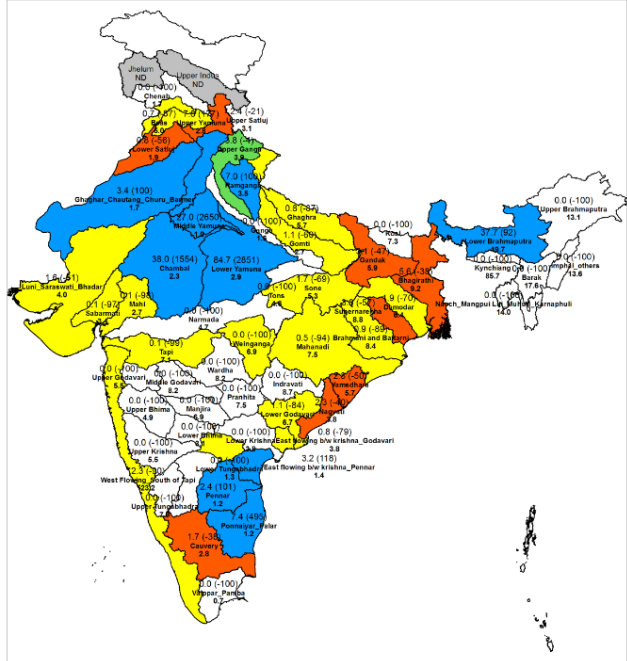
1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall

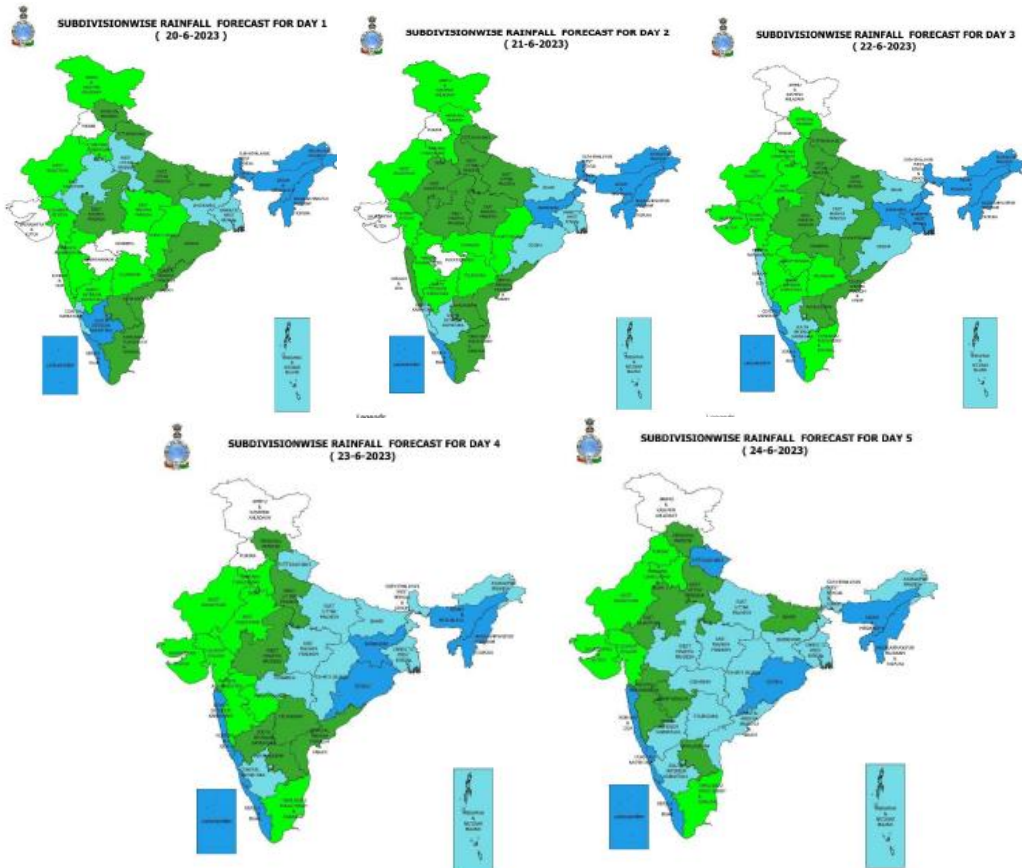
RIVER BASIN RAINFALL MAP : INDIA
 Period :01-06-2023 To 20-06-2023



RIVER BASIN RAINFALL MAP : INDIA
 Date :20-06-2023



1.1 Rainfall forecast for next 5 days issued on 20th June 2023 (Midday) by IMD



Legends

- DRY : No station reported rainfall ≥ 0.1 mm
- ISOLATED : No. of raingauge stations reported rainfall ≥ 0.1 mm is 1-25% of total no. of reporting stations on the day
- SCATTERED : No. of raingauge stations reported rainfall ≥ 0.1 mm is 26-50% of total no. of reporting stations on the day
- FAIRLY WIDE SPREAD : No. of raingauge stations reported rainfall ≥ 0.1 mm is 51-75% of total no. of reporting stations on the day
- WIDE SPREAD : No. of raingauge stations reported rainfall ≥ 0.1 mm is 75-100% of total no. of reporting stations on the day

2.0 Flood Situation and Advisories

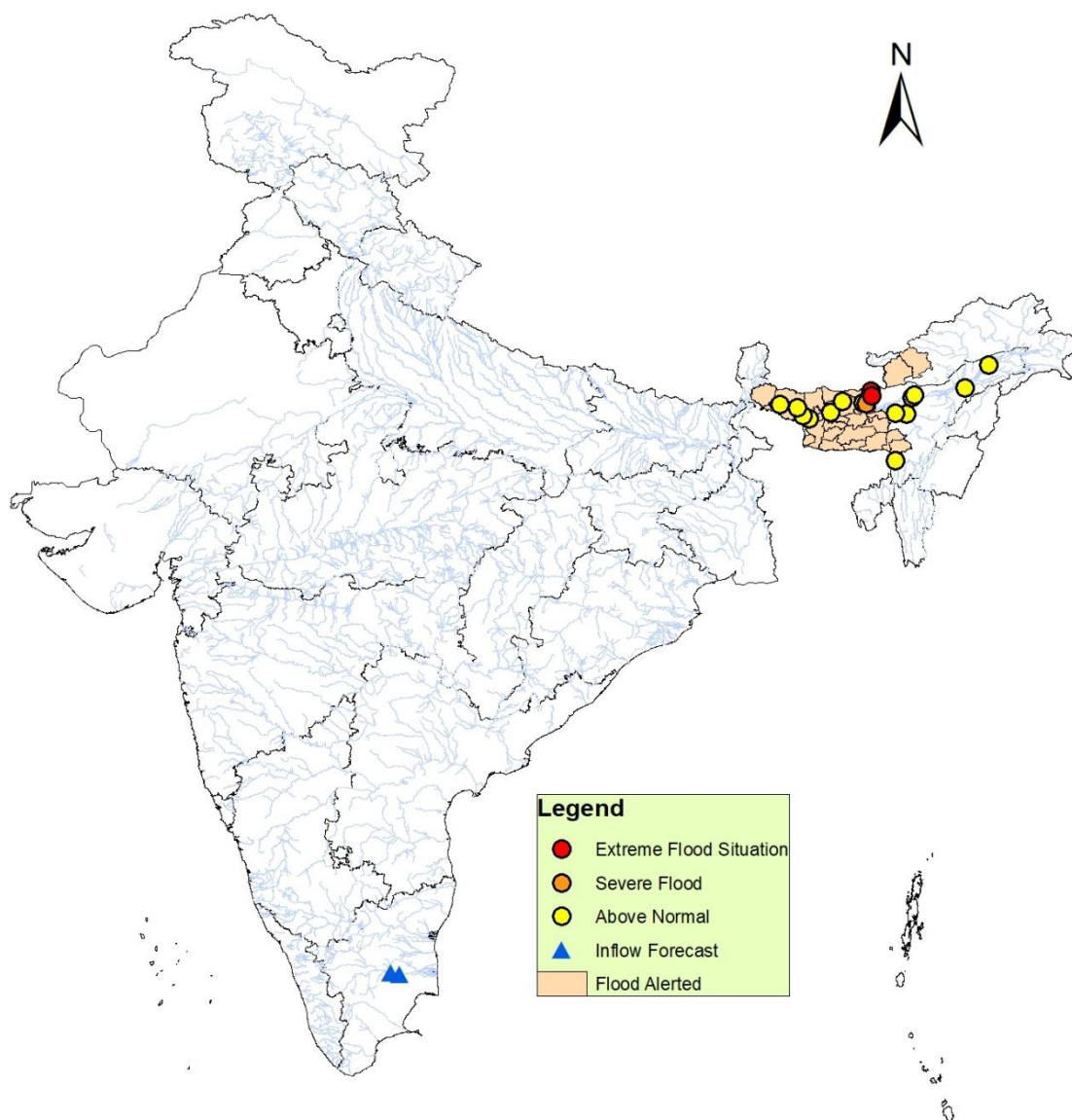
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 20th June 2023, 1 station in Assam is flowing in Severe Flood Situation, 14 stations (12 in Assam & 2 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 2 Dams and Barrages in Tamil Nadu.

| PART - I: LEVEL FORECAST | | (Total Sites - 199) | | |
|--|---|----------------------------|------------------------------|--|
| S.No. | Flood Situations | State-wise Flood Situation | 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)) | Assam(1) | 1 | |
| C | Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level) | Assam(12), West Bengal(2) | 14 | |
| Total number of sites above Warning Level (A+B+C) | | | 15 | |
| PART - II: INFLOW FORECAST | | (Total Sites - 134) | | |
| Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage) | | | 2 | |

Details are given at link: https://cwc.gov.in/sites/default/files/central-flood-control-room-daily-bulletins-report-1_6.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Assam

Present Flood situation in the state as per CWC network

| Sl. No. | CWC Site | District | River | Flood Type | Trend |
|---------|---------------------------|-----------|-------------|--------------|---------|
| 1 | DRF(M S) | Baksa | Puthimari | Extreme | Rising |
| 2 | Pagladiya NT Rd crossing | Nalbari | Pagladiya | Severe | Rising |
| 3 | Puthimari NH Rd Crossing | Dhubri | Sankosh | Severe | Rising |
| 4 | Beki Rd Bridge | Barpeta | Beki | Above Normal | Rising |
| 5 | Dibrugarh | Dibrugarh | Brahmaputra | Above Normal | Rising |
| 6 | Margherita (M S) | Tinsukia | Buredehing | Above Normal | Rising |
| 7 | Golokganj | Dhubri | Sankosh | Above Normal | Steady |
| 8 | Dhubri | Dhubri | Brahmaputra | Above Normal | Steady |
| 9 | Dharamtul | Morigaon | Kopili | Above Normal | Steady |
| 10 | Tezpur | Sonitpur | Brahmaputra | Above Normal | Steady |
| 11 | Neamatighat | Jorhat | Brahmaputra | Above Normal | Steady |
| 12 | Goalpara | Goalpara | Brahmaputra | Above Normal | Falling |
| 13 | NT Rd Crossing Jiabharali | Sonitpur | JiaBharali | Above Normal | Falling |
| 14 | Kampur | Nagaon | Kopili | Above Normal | Falling |
| 15 | Karimganj | Karimganj | Kushiyara | Above Normal | Falling |

Note: M S : Monitoring Station

IMD has predicted very heavy rainfall over districts such as **South Salmara Manachar, Kokrajhar, Dhubri, Chirang, Baksa, Barpeta, Bongaigaon, Kamrup, Nalbari, Goalpara** for next 2 days, hence water level rise is expected in Brahmaputra and its tributaries such as Puthimari, Aie, Beki, Manas, Pagladiya, Kopili, Sankosh, and other small tributaries located in above said districts. As heavy rainfall is expected to continue in another 2 to 3 days as per IMD forecast, flood like situation is expected at some places in lower Assam. As per CWC network water levels in Brahmaputra and its tributaries are mostly in rising stage in lower reaches.

Since very heavy rainfall is expected in districts **Karimganj**, water level rise is expected in Barak and rivers such as Longai, Singla, Kushiyara and other small rivers flowing through above said districts.

Sub-Himalayan West Bengal

Present Flood situation in the state as per CWC network

| Sl. No. | CWC Site | District | River | Flood Type | Trend |
|---------|------------|------------|----------|--------------|---------|
| 1 | Mekhliganj | Coochbihar | Teesta | Above Normal | Falling |
| 2 | Tufanganj | Coochbihar | Raidak 1 | Above Normal | Falling |

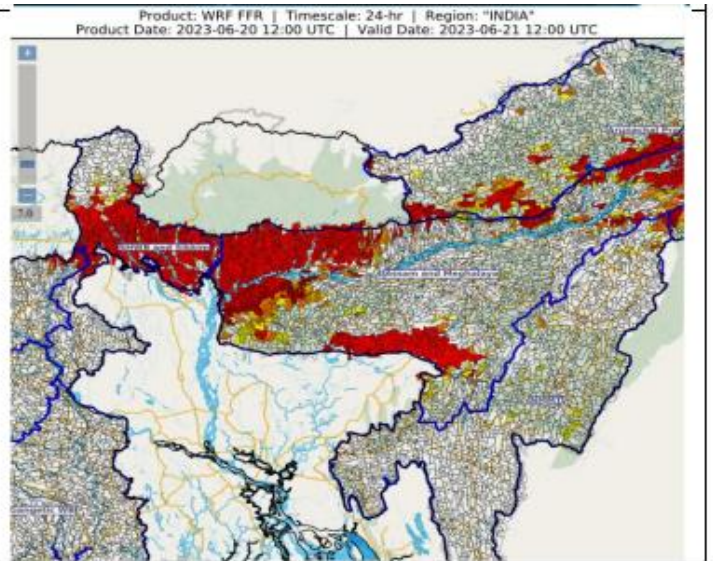
IMD has predicted very heavy rainfall in Sikkim and over districts such as **Jalpaiguri, Alipurduar, Coochbihar** hence water level rise is expected in rivers such as Jaldhaka, Raidak, Torsa, Sankosh and Teesta in above said districts.

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 21-06-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Assam & Meghalaya** and **SHWB & Sikkim** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



3.0 Advisory Flood Forecast for next 5-days

The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

| S.No. | Station | River | District | State | 21-06-2023 | 22-06-2023 | 23-06-2023 | 24-06-2023 | 25-06-2023 |
|-------|------------------------------|------------------|------------|-------------|------------|------------|------------|------------|------------|
| 1 | PUTHIMARI NH RD XING | PUTHIMARI | KAMRUP | Assam | AN | S | S | AN | AN |
| 2 | PAGLADIYA N T ROAD CROSSING | PAGLADIYA | NALBARI | Assam | S | S | S | AN | AN |
| 3 | KAMPUR | KOPILI | NAGAON | Assam | AN | AN | S | S | AN |
| 4 | KARIMGANJ | KUSHIYARA | KARIMGANJ | Assam | AN | S | S | S | S |
| 5 | DUMARIAGHAT | GANDAK | Gopalganj | Bihar | AN | AN | AN | AN | AN |
| 6 | BADATIGHAT | SUBANSIRI | LAKHIMPUR | Assam | AN | AN | AN | AN | N |
| 7 | BEKI ROAD BRIDGE | BEKI | BARPETA | Assam | AN | AN | AN | N | N |
| 8 | CHENIMARI (KHOWANG) | BURIDEHING | DIBRUGARH | Assam | N | AN | AN | AN | AN |
| 9 | DHARAMTUL | KOPILI | MARIGAON | Assam | AN | AN | AN | AN | AN |
| 10 | DIBRUGARH | BRAHMAPUTRA | DIBRUGARH | Assam | AN | AN | AN | AN | AN |
| 11 | GOALPARA | BRAHMAPUTRA | GOALPARA | Assam | AN | AN | AN | AN | N |
| 12 | NT ROAD CROSSING JIA-BHARALI | JIABHARALI | SONITPUR | Assam | AN | AN | AN | AN | AN |
| 13 | MANAS N H CROSSING | MANAS | BONGAIGAON | Assam | AN | AN | AN | N | N |
| 14 | NEAMATIGHAT | BRAHMAPUTRA | JORHAT | Assam | AN | AN | AN | AN | AN |
| 15 | NUMALIGARH | DHANSIRI (SOUTH) | GOLAGHAT | Assam | N | AN | AN | AN | AN |
| 16 | TEZPUR | BRAHMAPUTRA | SONITPUR | Assam | AN | AN | AN | AN | AN |
| 17 | DHUBRI | BRAHMAPUTRA | DHUBRI | Assam | AN | AN | AN | AN | AN |
| 18 | KOKRAJHAR | GAURANG | KOKRAJHAR | Assam | AN | AN | AN | N | N |
| 19 | BADARPUR GHAT | BARAK | KARIMGANJ | Assam | N | N | AN | AN | AN |
| 20 | GOLOKGANJ | SANKOSH | DHUBRI | Assam | AN | N | N | N | N |
| 21 | TUFANGANJ | RAIDAK-I | KOCHBIHAR | West Bengal | AN | AN | AN | AN | N |

Abbreviation: **N:** Normal Flood Situation, **AN:** Above Normal Flood Situation, **S:** Severe Flood Situation, **E:** Extreme Flood Situation

For more details, please visit <https://ffs.india-water.gov.in/> for flood forecast monitoring & short range flood forecast and <https://aff.india water.gov.in/> for medium range flood forecast.

Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled).

Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)).

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

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 20th June 2023

| | | | | | | | | | | |
|-------------------|--|----------------------|---|--------|-------|-------|-------|-------|--------|------|
| Storage above 85% | | Q/PF categories (mm) | 0 | 0.1-10 | 11-25 | 26-37 | 38-50 | 51-75 | 76-100 | >100 |
| Storage above 60% | | | | | | | | | | |

| Sl. No. | Reservoir/Dams | River/Sub-Basin /Basin | State | US/ DS District | Rainfall situation | | | | |
|---------|--------------------|---|-------|--|--------------------|-------|-------|-------|-------|
| | | | | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| 1 | Pulichinthala | Krishna/Lower Krishna/ Krishna | AP | Nalgonda(Tel)/Guntoor,Krishna (AP) | | | | | |
| 2 | SripadaYellampally | Godavari/Middle Godavari/Godavari | Tel | Mancherla/JaishankarBhupalpally | | | | | |
| 3 | PD Jurala | Krishna/Middle Krishna/Krishna | Tel | Raichur (Kar)/JogalambaGadwal(Telangana) | | | | | |
| 4 | Sunkesula | Tungabhadra/Krishna | AP | Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana) | | | | | |
| 5 | Mettur | Cauvery/Middle Cauvery/Cauvery | TN | Dharmapuri, Salem/Erode, Namakkal | | | | | |
| 6 | Musi | Musi/Lower Krishna/Krishna | Tel | Nalgonda | | | | | |
| 7 | Sathnur | Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin | TN | Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore | | | | | |

Note- Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence.