



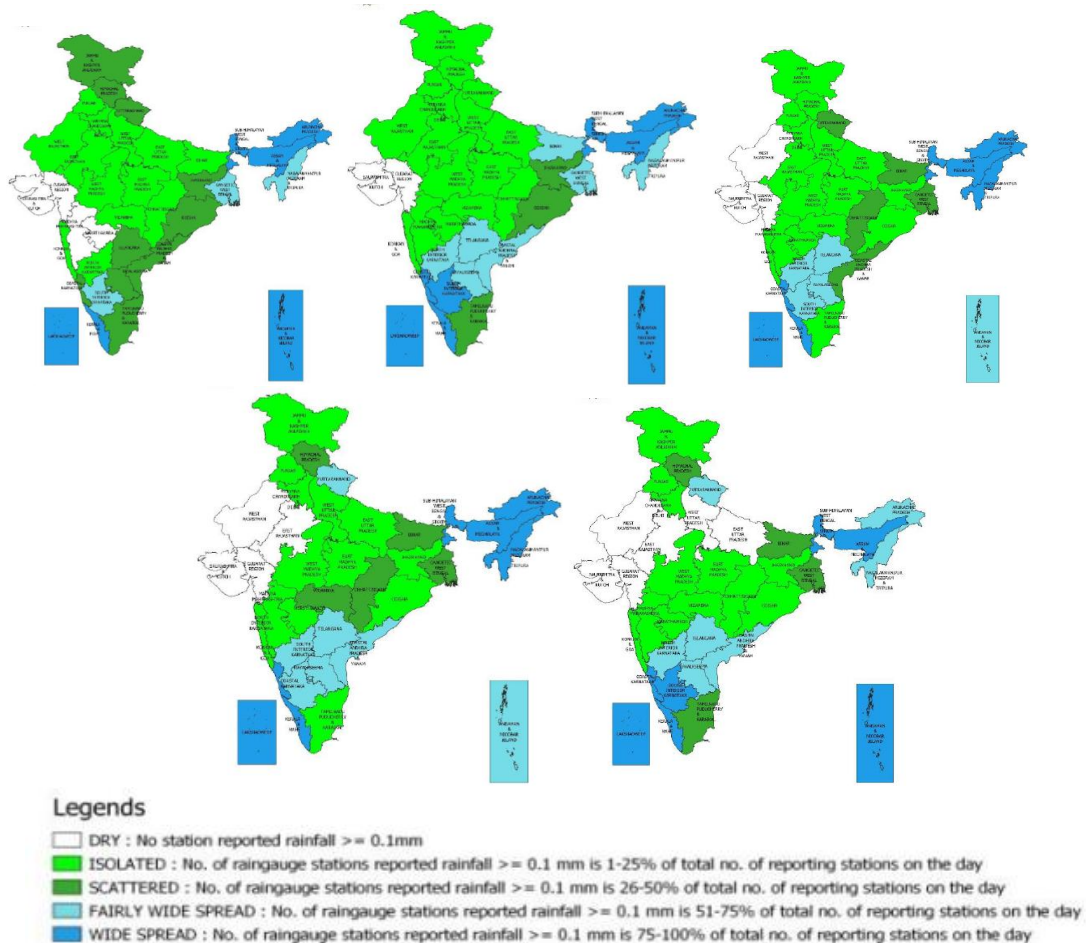
Central Water Commission
Daily Flood Situation Report cum Advisories
01-06-2024

1.0 IMD information

1.1 Chief Amount of rainfall recorded at 0830 hours IST of today (7cm or more) as per IMD

| Name of Place (State) | Rainfall (in cm) |
|--|------------------|
| Udumbannoor(Kerala) | 23 |
| Urumi(Kerala) | 14 |
| Kottayam & Poonjar(Kerala) | 11 |
| Vadavathur(Kerala) | 10 |
| Aluva & Thavanur(Kerala) | 9 |
| Kodungallur(Kerala) | 8 |
| Kumarakom (Kerala), Mohanbari, Dholla Bazar,Jowai(Assam), Ichchapuram & Sompeta (Andhra Pradesh), Sevoke(WB), Singhik (Sikkim) | 7 |

1.2 Rainfall forecast for next 5 days issued on 1st June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

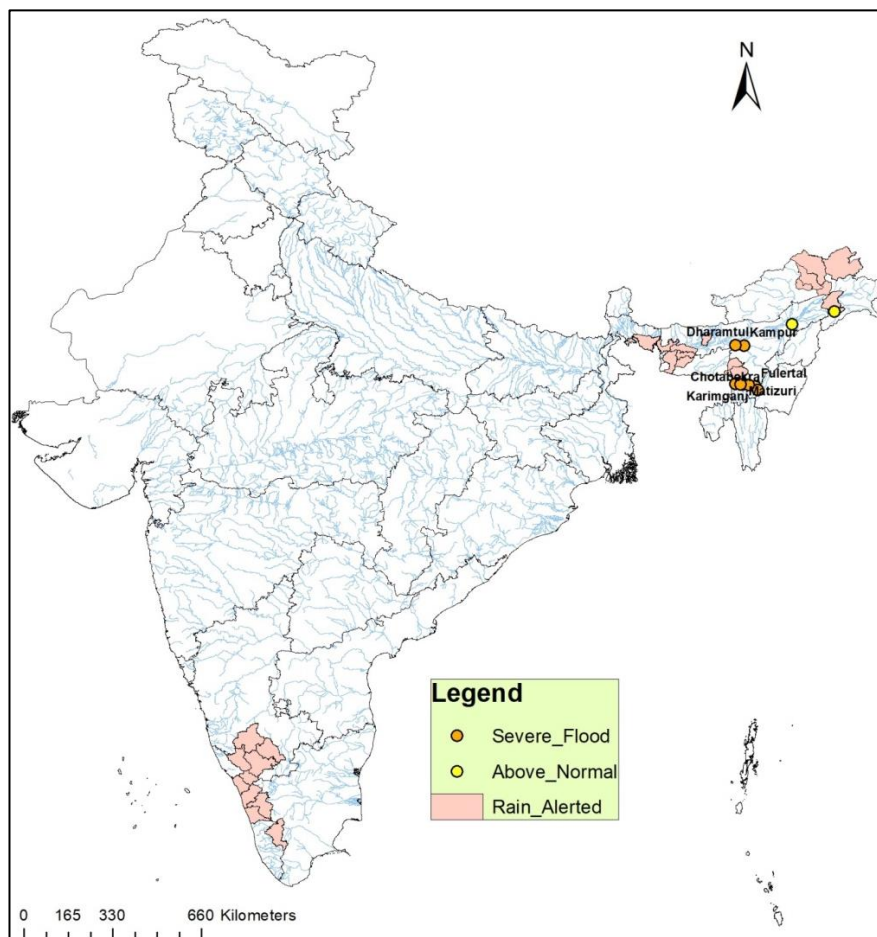
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 1st June 2024, 6 stations in Assam are flowing in Severe Flood Situation and 1 station in Assam is flowing in Above Normal Flood Situation.

| PART - I: LEVEL FORECAST | | (Total Sites - 200) | | |
|--|---|----------------------------|------------------------------|--|
| 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(6) | 6 | |
| C | Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level) | Assam(1) | 1 | |
| Total number of sites above Warning Level (A+B+C) | | | 7 | |
| PART - II: INFLOW FORECAST | | (Total Sites - 138) | | |
| Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage) | | | 0 | |

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrwcdfb01-06-2024_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Chief Synoptic features that can lead to very heavy rainfall are

- (a) **In NE states** : A cyclonic circulation that lies over Arunachal Pradesh in lower tropospheric levels. Strong southwesterly/southerly winds are prevailing from Bay of Bengal to northeastern States in lower tropospheric levels.
- (b) **Kerala**: A cyclonic circulation that lies over southeast Arabian Sea off south Kerala in middle tropospheric levels.

Assam

Due to the presence of above said features IMD has predicted very heavy rains in Arunachal Pradesh, Assam, Meghalaya, Sub-himalayan West Bengal and Sikkim. Water levels are expected to rise in rivers such as Subansiri, JiaBharali, Buridehing, Dhansiri, Puthimari, Pagladia, Kopili and other small rivers in districts such as Tinsukia, Darrang, Nalbari, Goalpara and Dhubri .

Flood situation in rivers of Barak and others are in receding state.

Current Flood Situation as CWC network is given below:

| CWC Site | River | District | Flood Type | Trend in Water Level |
|----------------------------|-------------|------------|--------------|----------------------|
| Dharamtul | Kopili | Marigaon | Severe | Rising |
| Annapurna Ghat | Barak | Cachar | Severe | Falling |
| Badarpur Ghat | Barak | Karimganj | Severe | Falling |
| Kampur | Kopili | Nagaon | Severe | Falling |
| Karimganj | Kushiyara | Karimganj | Severe | Falling |
| Matijuri | Katakhal | Hailakandi | Severe | Falling |
| Fulertal | Barak | Cachar | Severe | Falling |
| Neamatighat | Brahmaputra | Jorhat | Above Normal | Steady |
| NT Road Xing JiaBharali | JiaBharali | Sonitpur | Above Normal | Rising |
| Margherita | Buridehing | Tinsukia | Above Normal | Falling |

Kerala

IMD has predicted extremely heavy to very heavy rainfall in districts **Thrissur, Kozhikode, Idukki, Palakkad, Malapuram and Wyanad**. Keep Alert for water level rise in rivers Muvattupuzha, Gayatri, Thodupuzha, Bharathapuzha, Kabini, Karuvannur, Periyar and other small rivers in above said districts.

Current Flood Situation as CWC network is given below:

| CWC Site | River | District | Flood Type | Trend in Water Level |
|----------|------------|----------|--------------|----------------------|
| Manakkad | Thodupuzha | Idukki | Above Normal | Rising |

3.0 Advisory Flood Forecast for next 7-days

The flood situation at Flood Forecasting Stations likely to be above warning level for next 7 days:

| S.No. | Station | River | District | State | 2/6/2024 | 3/6/2024 | 4/6/2024 | 5/6/2024 | 6/6/2024 | 7/6/2024 | 8/6/2024 |
|-------|----------------|-------------|------------|-------|----------|----------|----------|----------|----------|----------|----------|
| 1 | ANNAPURNA GHAT | BARAK | CACHAR | Assam | S | AN | AN | AN | AN | AN | AN |
| 2 | MATIJURI | KATAKHAL | HAILAKANDI | Assam | S | AN | AN | AN | AN | AN | AN |
| 3 | KARIMGANJ | KUSHIYARA | KARIMGANJ | Assam | S | S | AN | AN | AN | AN | AN |
| 4 | NEAMATIGHAT | BRAHMAPUTRA | JORHAT | Assam | AN | S | S | S | S | S | AN |
| 5 | KAMPUR | KOPILI | NAGAON | Assam | S | S | S | S | S | S | S |
| 6 | DIBRUGARH | BRAHMAPUTRA | DIBRUGARH | Assam | AN | AN | AN | AN | AN | AN | AN |

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 1st June 2024

| | |
|-------------------|--|
| Storage above 85% | |
| Storage above 60% | |

| | | | | | | | | |
|---------------------|---|--------|-------|-------|-------|-------|--------|------|
| QPF categories (mm) | 0 | 0.1-10 | 11-25 | 26-37 | 38-50 | 51-75 | 76-100 | >100 |
|---------------------|---|--------|-------|-------|-------|-------|--------|------|

| Sl.No. | Reservoir/Dams | River/Sub-Basin /Basin | State | US/DS District | Rainfall situation | | | | |
|--------|-------------------|----------------------------------|-------------|-------------------------------------|--------------------|------|------|------|-------|
| | | | | | Day1 | Day2 | Day3 | Day4 | Day 5 |
| 1. | Prakasam Barrage | Krishna//Lower Krishna/Krishna | AP | Krishna/Guntur | | | | | |
| 2. | Rana Pratap Sagar | Chambal/Upper Chambal/Ganga | Raj | Neemuch(MP)/Dholpur,Kota,Bundi(Raj) | | | | | |
| 3. | Kota Barrage | Chambal/Upper Chambal/Ganga | Raj | Neemuch(MP)/Dholpur,Kota,Bundi(Raj) | | | | | |
| 4. | NMD Weir | Godavari/Upper Godavari/Godavari | Maharashtra | Nasik/UGD Hyderabad | | | | | |
| 5. | Ichari Dam | Tons/Upper Yamuna/Ganga | UK | Dehradun/Nahan(HP) | | | | | |

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.