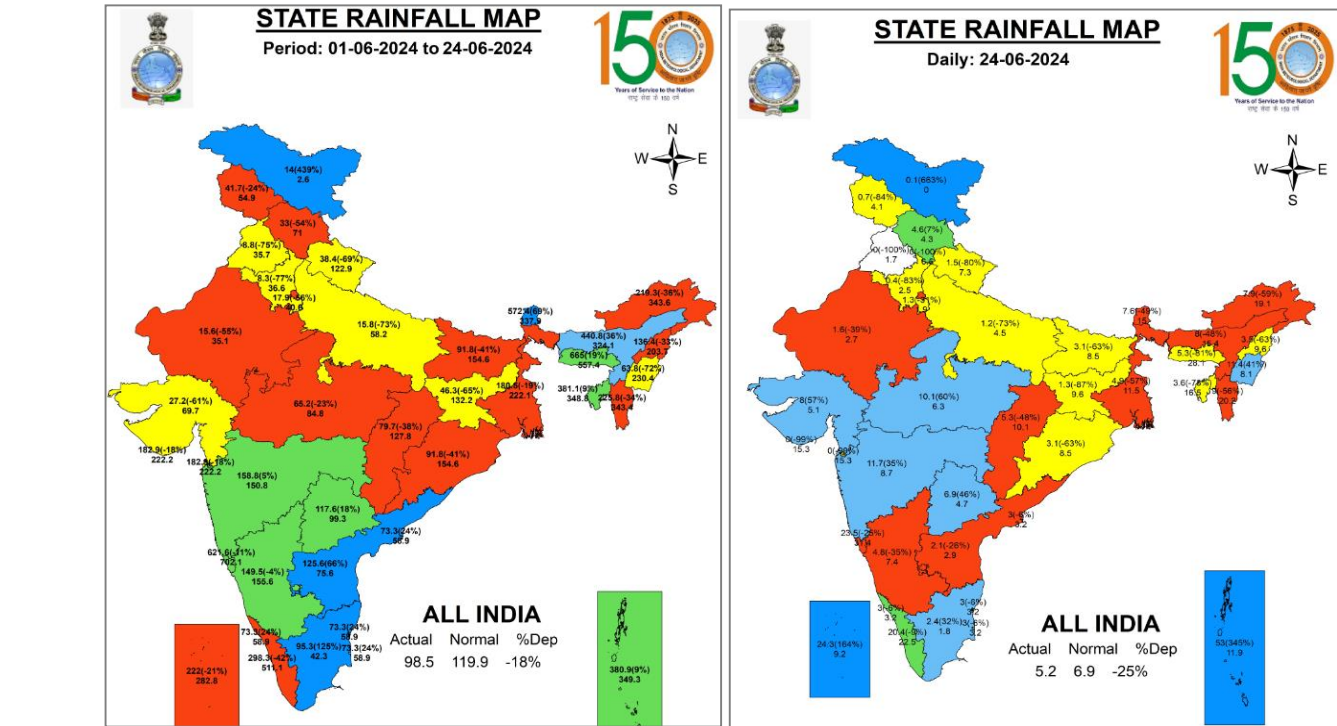




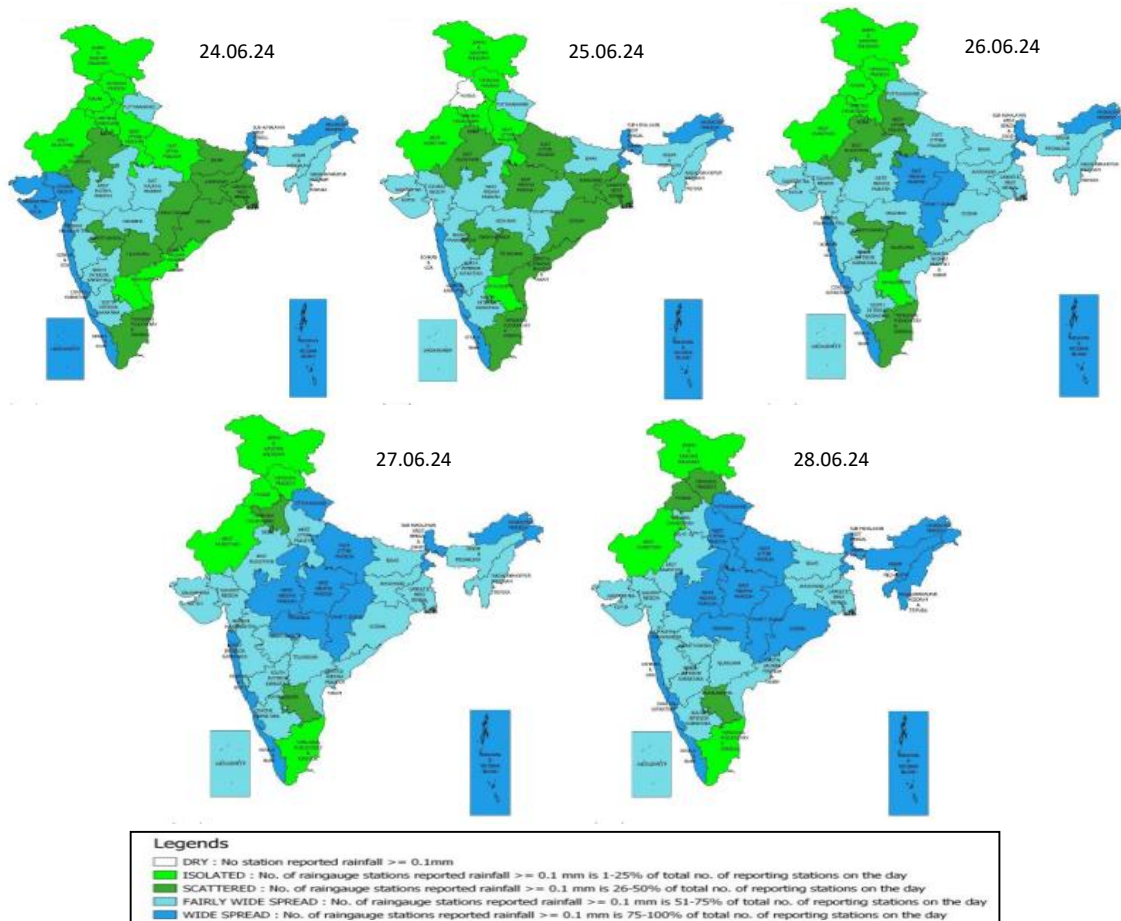
**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**24-06-2024**

**1.0 Rainfall Situation**

**1.1 State wise departure from normal of cumulative and daily rainfall**



**1.2 Rainfall forecast for next 5 days issued on 24<sup>th</sup> June 2024 (Midday) by IMD**



2.0 Flood Situation and Advisories

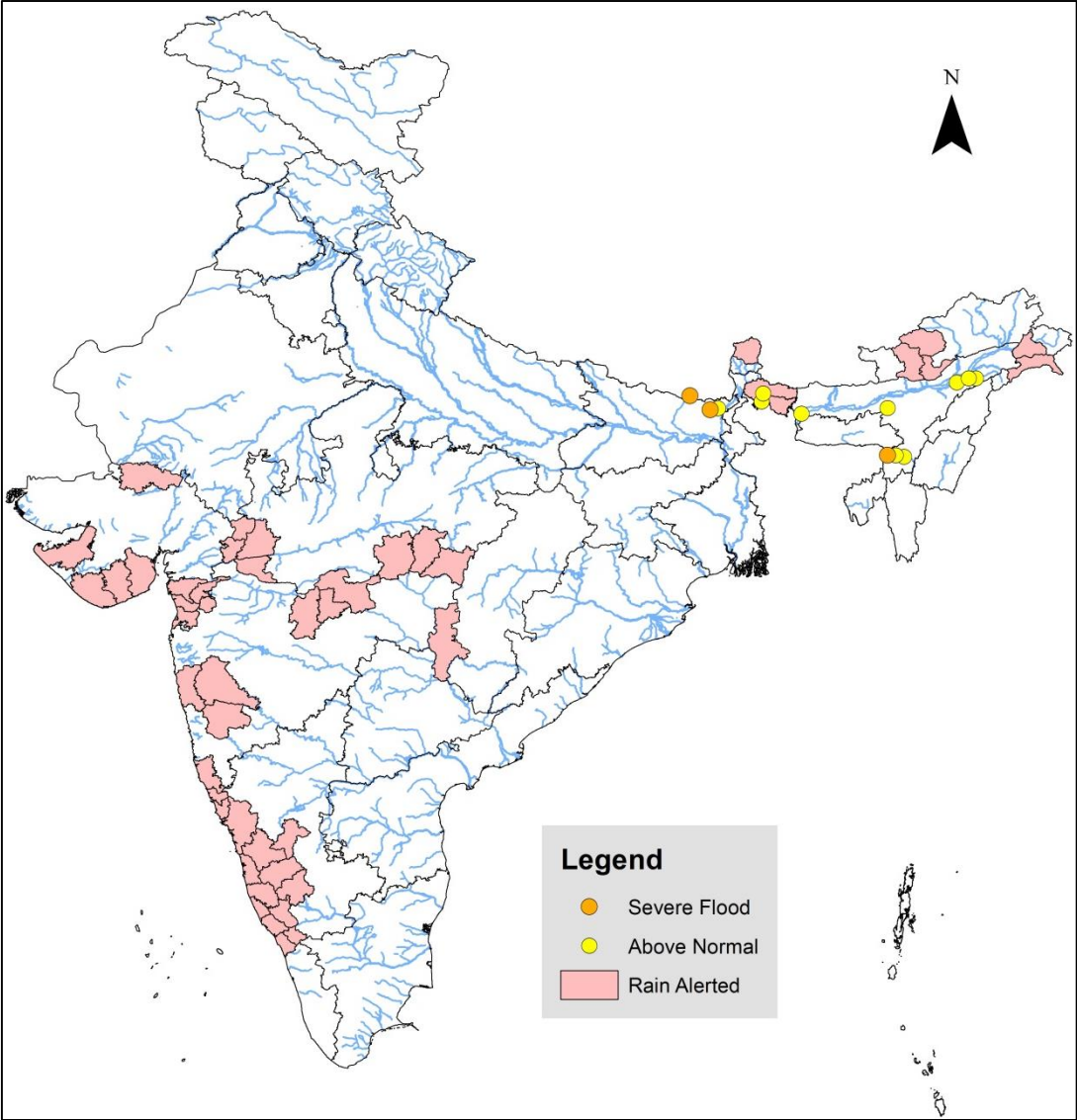
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 24<sup>th</sup> June 2024, 2 Stations (1 each in Assam and Bihar) are flowing in Severe Flood Situation, 9 stations (7 in Assam, and 2 in West Bengal) are 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:<br>(Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)                           |                            | 0                            |  |
| B  | Severe Flood Situation:<br>(Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)) | Assam(1), Bihar(1)         | 2                            |  |
| C  | Above Normal Flood Situation:<br>(Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)       | Assam(7), West Bengal(2)   | 9                            |  |
| Total number of sites above Warning Level ( A+B+C)   |   |                            | 11                           |  |
| PART - II: INFLOW FORECAST   |   | (Total Sites - 138)        |                              |  |
| Number of sites for which inflow forecasts issued:<br>(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/cfcrwcdfb24.06.2024\\_5.pdf](https://cwc.gov.in/sites/default/files/cfcrwcdfb24.06.2024_5.pdf)

Flood Situation Map



## 2.2 CWC Advisories

### Main Synoptic Feature:

1. A trough at mean sea level runs off Maharashtra-Kerala coasts. A cyclonic circulation lies over south Gujarat in lower & middle tropospheric levels and a trough runs from this cyclonic circulation to Jharkhand in lower tropospheric levels. Under their influence:
  - Isolated **heavy to very heavy rainfall** very likely over Konkan & Goa, Ghat areas of Madhya Maharashtra, **Karnataka** during next 5 days, Coastal Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu during 24th-26th; over Gujarat Region on 24th & 25<sup>th</sup>.
  - Isolated extremely heavy rainfall also likely over Gujarat state today, the 24th June, 2024.
2. A cyclonic circulation lies over northeast Assam in lower tropospheric levels. Strong southerly/southwesterly winds prevail in the lower tropospheric levels from the Bay of Bengal into east & northeast India. Under its influence;
  - Isolated heavy to very heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, **Arunachal Pradesh** during 24th –28th and isolated heavy rainfall over Nagaland, Manipur, Mizoram & Tripura on 24th, 27th & 28th June

### Karnataka

Water level rise is expected in rivers Aghanasini, Sharavati (dist. **Uttara Kannada**), Varahi, Haladi, Shambhavi, Swarna (dist. **Udupi**), Payaswani, Netravathi, Shambavi, Palguni (dist. **Dakshin Kannada**), Harangi, Hemavathu, Lakshmanatirtha, Yagachi (dist. **Hassan, Kodagu**), Kabini (dist. **Mysore**), Bhadra, Tunga, Sharavati (dist. **Shimoga, Chikmangalur**), Varadha, Kumudvati (dist. **Haveri**) and in other small rivers of above said districts.

### Kerala

Water level rise is expected in rivers, Kabini (dist. **Wayanad**), Chaliyar, Periyar, Chalakudi, Bharathapuzha and other small rivers in districts Kasaragode, Kannur, Kozhikode, Malappuram, Ernakulam and Idukki.

### Assam

Water level rise is expected to rise in rivers Jibharali, Dikrong, Kameng, Subansiri, Lohit, Dibru, Buridehing and other small rivers in **Sonitpur, Biswanath, Papumpare, Tinsukia** districts for next 2 days. Current flood situation in the state as per CWC network is as follows:

| CWC Site       | River       | District  | Flood Type   | Trend in Water Level |
|----------------|-------------|-----------|--------------|----------------------|
| Karimganj      | Kushiyara   | Karimganj | Severe       | Falling              |
| Dharamtul      | Kopili      | Morigaon  | Above Normal | Rising               |
| Dhubri         | Brahmaputra | Dhubri    | Above Normal | Steady               |
| Neamatighat    | Brahmaputra | Jorhat    | Above Normal | Steady               |
| Sivasagar      | Dhikow      | Sivsagar  | Above Normal | Falling              |
| Annapurna ghat | Barak       | Cachar    | Above Normal | Falling              |
| Badarpurghat   | Barak       | Karimganj | Above Normal | Falling              |
| Nanglamoraghat | desang      | Sivsagar  | Above Normal | Falling              |



West Bengal & Sikkim

In West Bengal, water level rise is expected in rivers Balason, Mahananda, Teesta, Jaldhaka, Torsa, Sankosh and Raidak-1 in districts Darjeeling, Jalpaiguri, Alipurduar and Coochbehar for next 2 days.

In Sikkim Alert for water level rise may be kept in rivers Lachung Chu, Lachen Chu, Rani Khola, Teesta and Rangit for next 2 days Current flood situation in the state as per CWC network is as follows:

| CWC Site       | River    | District    | Flood Type   | Trend in Water Level |
|----------------|----------|-------------|--------------|----------------------|
| Mekhliganj     | Teesta   | Cooch Behar | Above Normal | Rising               |
| Jaldhaka NH-31 | Jaldhaka | Jalpaiguri  | Above Normal | Falling              |

Bihar

Current flood situation in the state as per CWC network is as follows:

| CWC Site   | River     | District   | Flood Type   | Trend in Water Level |
|------------|-----------|------------|--------------|----------------------|
| Birpur     | Kosi      | Supaul     | Severe       | Rising               |
| Araria     | Parman    | Araria     | Severe       | Falling              |
| Chargharia | Mahananda | Kishanganj | Above Normal | Falling              |

2.3 Flash Flood Guidance

**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 25-06-2024 :**

**Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Southern parts of Saurashtra & Kutch, central & southern parts of Gujarat Region** 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.

Product: GFS FFR | Timescale: 24-hr | Region: "REGIONAL"  
Product Date: 2024-06-24 06:00 UTC | Valid Date: 2024-06-25 06:00 UTC

### 3.0 Advisory Flood Forecast for next 7-days in Table form

The flood situational Flood Forecasting Stations likely to be above warning level for next 7 days

| S.No. | Station          | River       | District   | State       | 25-06-2024 | 26-06-2024 | 27-06-2024 | 28-06-2024 | 29-06-2024 | 30-06-2024 | 01-07-2024 |
|-------|------------------|-------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| 1     | Badarpur ghat    | Barak       | Karimganj  | Assam       | AN         | AN         | S          | S          | S          | E          | E          |
| 2     | Karimganj        | Kushiyara   | Karimganj  | Assam       | S          | S          | S          | S          | E          | E          | E          |
| 3     | Neamatighat      | Brahmaputra | Jorhat     | Assam       | AN         | AN         | AN         | AN         | AN         | S          | S          |
| 4     | Sivasagar        | Dikhow      | Sivsagar   | Assam       | AN         | AN         | AN         | AN         | AN         | S          | S          |
| 5     | Dhubri           | Brahmaputra | Dhubri     | Assam       | AN         | AN         | AN         | AN         | AN         | S          | S          |
| 6     | Araria           | Parman      | Araria     | Bihar       | S          | S          | S          | S          | S          | S          | S          |
| 7     | Jaldhaka nh-31   | Jaldhaka    | Jalpaiguri | West bengal | AN         | S          | AN         | AN         | AN         | AN         | AN         |
| 8     | Mekhliganj (r_b) | Teesta      | Kochbihar  | West bengal | 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. Storage Position in Dams where Inflow forecast is being issued by CWC as on 24<sup>th</sup> June2024

|                 |  |
|-----------------|--|
| Storageabove85% |  |
| Storageabove60% |  |

|                     |   |        |       |       |       |       |        |      |
|---------------------|---|--------|-------|-------|-------|-------|--------|------|
| 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/dsdistrict                       | Rainfall situation |      |      |      |       |
|-------|-----------------------|--|----------------|-------------------------------------|--------------------|------|------|------|-------|
|       |                       |  |                |                                     | Day1               | Day2 | Day3 | Day4 | Day 5 |
| 1     | Thottapalli reservoir | Nagavali/nagavali&others/erf (mahanadito pennar) | Andhra pradesh | Vizianagaram                        |                    |      |      |      |       |
| 2     | Sunkesula barrage     | Tungabhadra/lower tungabhadra/krishna            | Andhra pradesh | Kurnool                             |                    |      |      |      |       |
| 3     | Singatalur barrage    | Tungabhadra/upper tungabhadra/krishna            | Karnataka      | Gadag/lkd hyderabad                 |                    |      |      |      |       |
| 4     | Nmd weir              | Godavari/upper godavari/godavari                 | Maharashtra    | Nasik/ahmednagar                    |                    |      |      |      |       |
| 5     | Ranapratapsagar       | Chambal/upperchambal/Ganga                       | Rajasthan      | Neemuch(MP)/Dholpur,Kota,Bundi(Raj) |                    |      |      |      |       |
| 6     | Kotabarrage           | Chambal/upperchambal/Ganga                       | Rajasthan      | Neemuch(MP)/Dholpur,Kota,Bundi(Raj) |                    |      |      |      |       |
| 7     | Musi dam              | Musi / Lower Krishna / Krishna                   | Telangana      | Nalgonda                            |                    |      |      |      |       |
| 8     | Ichari dam            | Tons/upperyamuna/ganga                           | Uttarakhand    | 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

