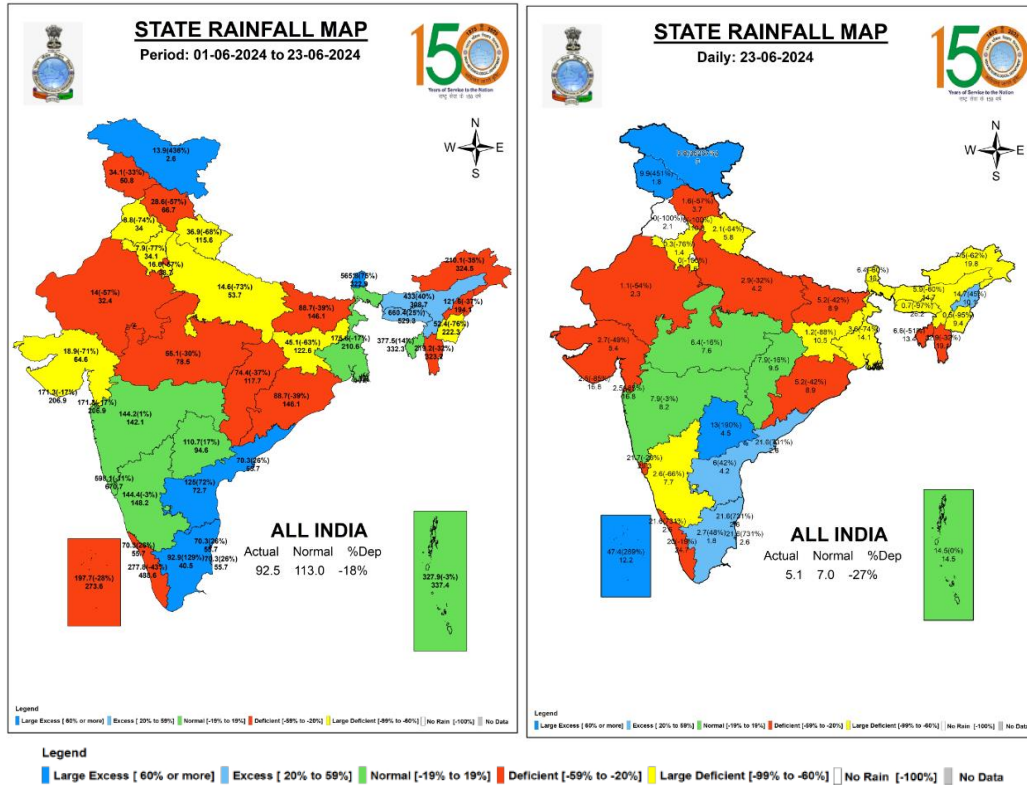




Central Water Commission
Daily Flood Situation Report cum Advisories
23-06-2024

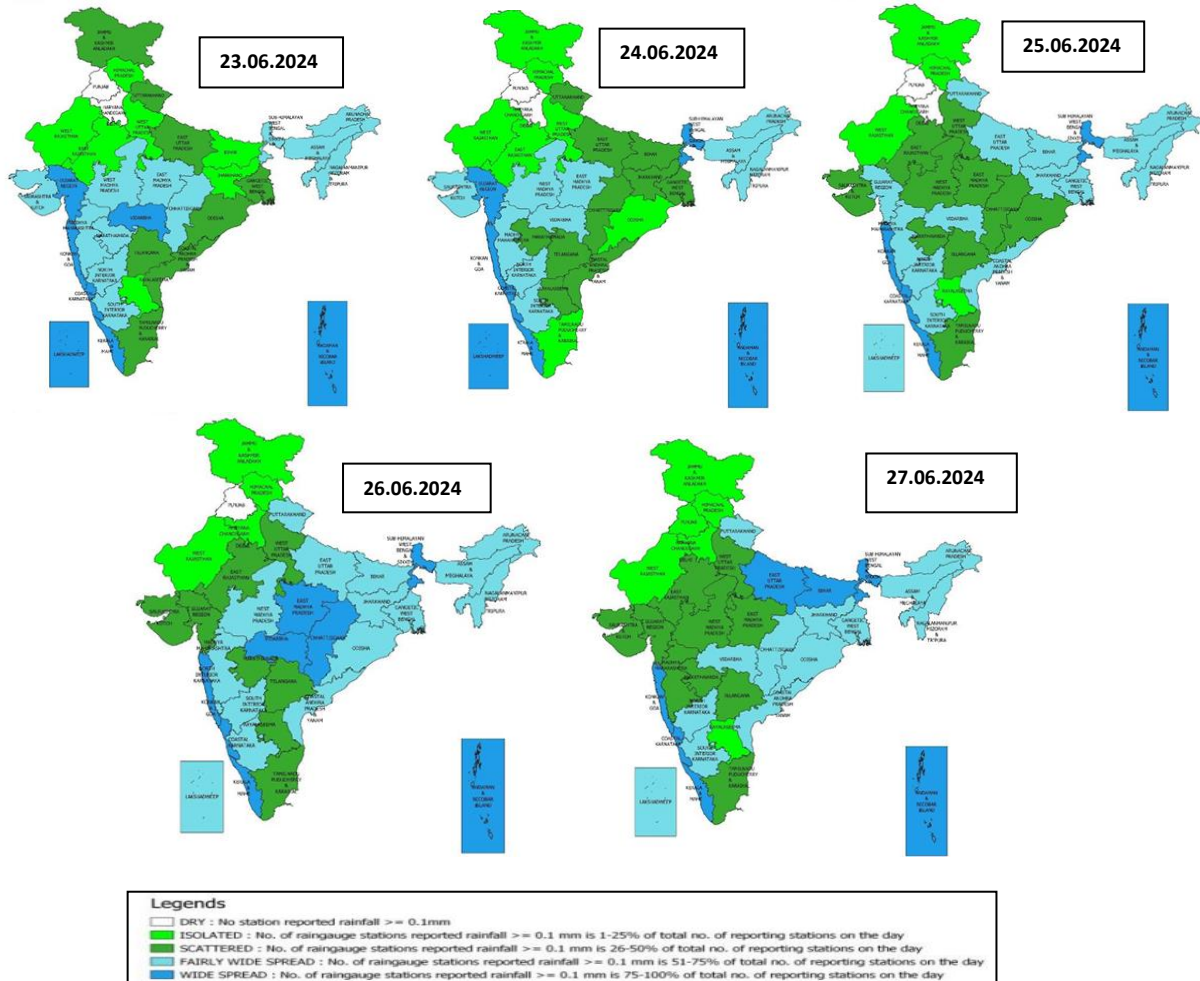
1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



NOTES :
a) RainFall figures are based on operation data.
b) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
c) Percentage Departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 23rd June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

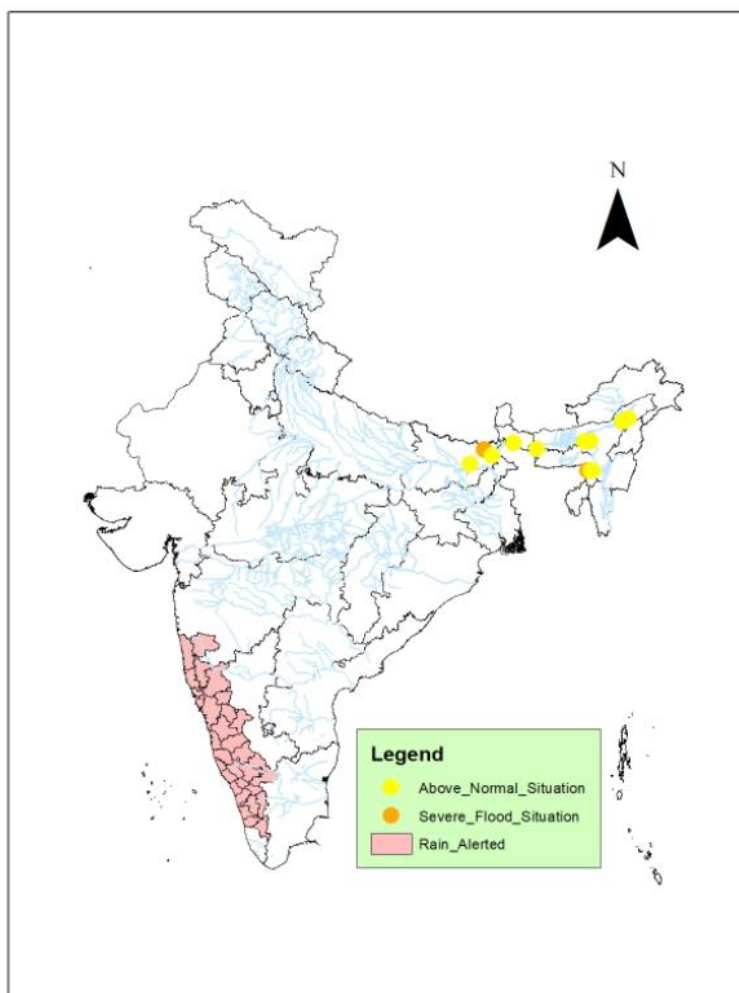
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd June 2024, 2 Stations (1 each in Assam and 1 in Bihar) are flowing in Severe Flood Situation, 12 stations (7 in Assam, 2 in Bihar, 1 in West Bengal) are flowing in Above Normal Flood Situation.

FLOOD SITUATION SUMMARY			
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(1), Bihar(1)	2
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(7), Bihar(2), West Bengal(1)	10
Total number of sites above Warning Level (A+B+C)			12
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/cfrcwcdfb23.06.2024_5.pdf

Flood Situation Map

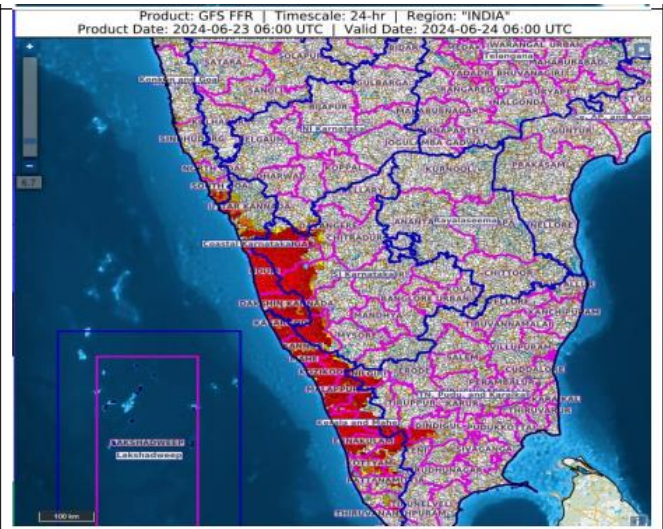


2.2 Flash Flood Guidance

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

Moderate flash flood risk likely over few watersheds & neighbourhoods of North Kerala & Mahe adjoining Coastal Karnataka and adjoining parts of SI Karnataka 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.



2.3 CWC Advisories

Main Synoptic Feature: A trough at mean sea level runs off Maharashtra-Kerala coasts. A cyclonic circulation lies over south Chhattisgarh in lower & middle tropospheric levels and a trough runs from this cyclonic circulation to south Maharashtra in lower 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; over Gujarat Region on 23rd & 24th; over ghat areas of Tamil Nadu on 23rd; Kerala & Mahe during 23rd-25th .
- Isolated extremely heavy rainfall also likely over Coastal & South Interior Karnataka and Kerala & Mahe on 23rd June, 2024.**

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**), Gangavalli, Bennehalla (dist. **Dharwad**), 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

The water levels in Brahmaputra, Barak and its tributaries in **Morigaon, Nagaon, Tinsukia, Dhubri, Jorhat, Dibrugarh, and Karimganj** districts will be in slightly steady to falling stages for next 24 hrs

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
Badarpurghat	Barak	Karimganj	Above Normal	Steady
Dhubri	Brahmaputra	Dhubri	Above Normal	Steady
Dharamtul	Kopili	Morigaon	Above Normal	Falling
Kampur	Kopili	Nagaon	Above Normal	Steady
Neamatighat	Brahmaputra	Jorhat	Above Normal	Falling

Matijuri	Katakhal	Hailakandi	Above Normal	Falling
Sivasagar	Dikhow	Sivsagar	Above Normal	Rising

West Bengal

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	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
Araria	Parman	Araria	Severe	Steady
Baltara	Kosi	Khagaria	Above Normal	Falling
Dhengraghat	Mahananda	Purnia	Above Normal	Falling

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	24-06-2024	25-06-2024	26-06-2024	27-06-2024	28-06-2024	29-06-2024	30-06-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	AN	S	S	S	S	S	E
2	MATIJURI	KATAKHAL	HAILAKANDI	Assam	AN	AN	AN	AN	AN	AN	E
3	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	S	S	S	S	S	S	E
4	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	S	S	S	E
5	DHARAMTUL	KOPI LI	MARIGAON	Assam	AN	AN	S	S	S	S	S
6	KAMPUR	KOPI LI	NAGAON	Assam	AN	AN	AN	AN	AN	AN	S
7	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S	S	AN
8	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	AN	AN	AN	AN
9	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	AN	AN	AN
10	BALTARA	KOSI	KHAGARIA	Bihar	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 23rd June 2024

Storage above 85%	
Storage above 60%	

Q/PF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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Sl.No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/DS District	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1	Thottapalli Reservoir	Nagavali/Nagavali&Others/ERF (Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
2	Sunkesula Barrage	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
3	Musi dam	Musi / Lower Krishna / Krishna	Telangana	Nalgonda					
4	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
5	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
6	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
7	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
8	Ichari Dam	Tons/Upper Yamuna/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