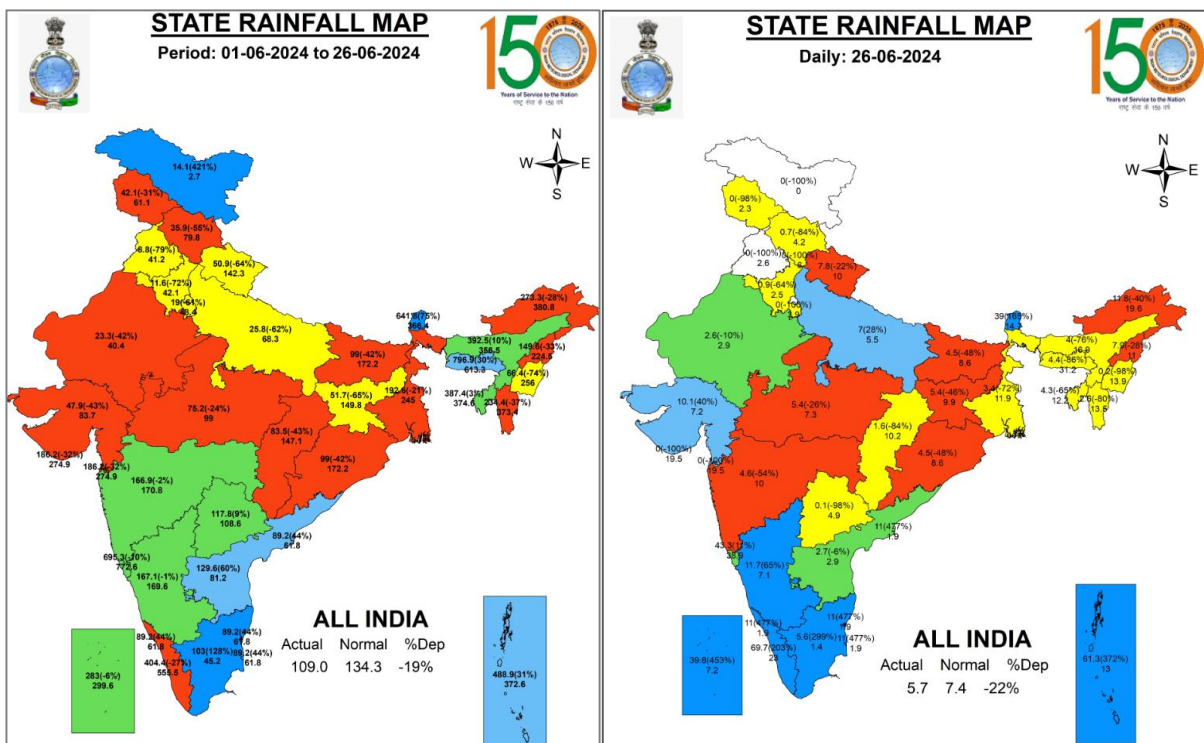




Central Water Commission
Daily Flood Situation Report cum Advisories
26-06-2024

- 1.0 Rainfall Situation
1.1 State wise departure from normal of cumulative and daily rainfall



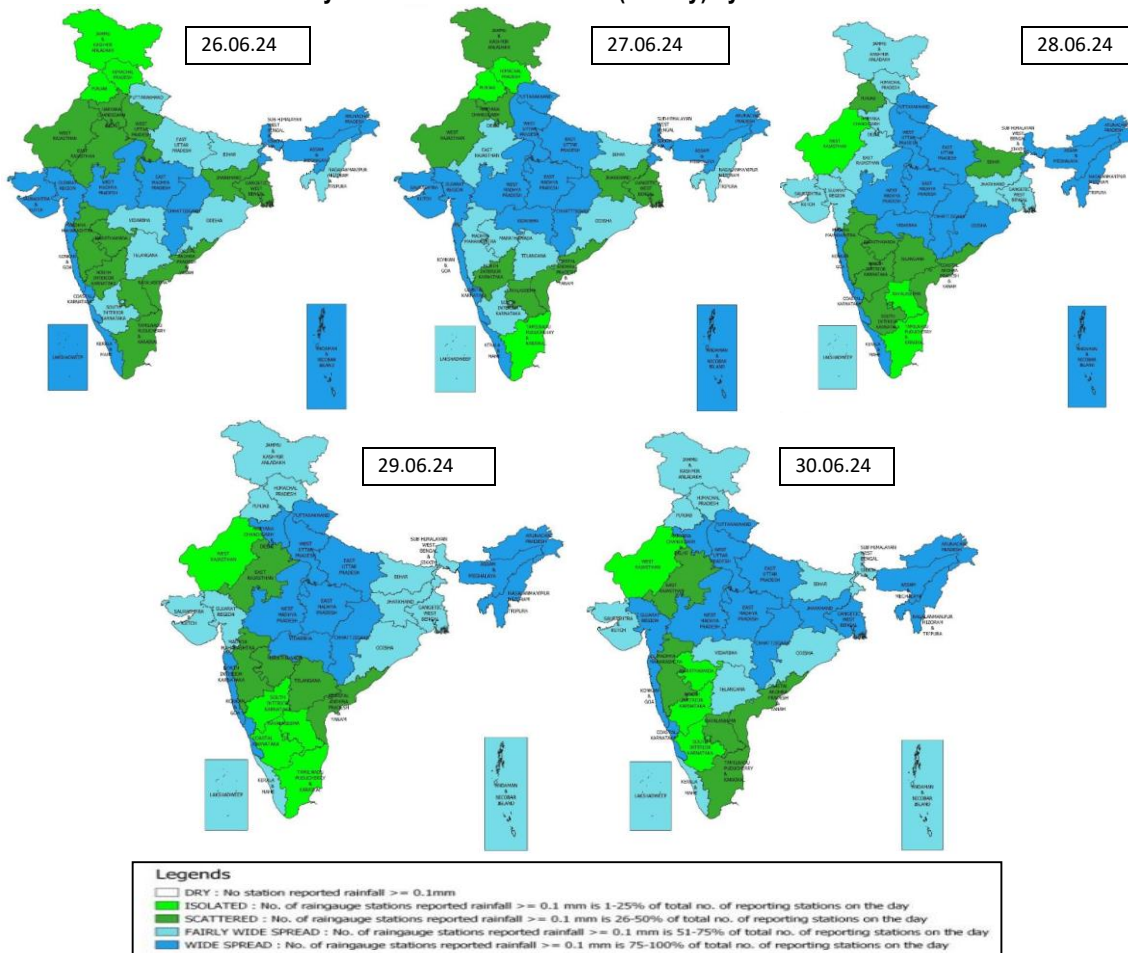
Legend

Large Excess [60% or more] Excess [20% to 59%] Normal [-19% to 19%] Deficient [-59% to -20%] Large Deficient [-99% to -60%] No Rain [-100%] No Data

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 26th June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

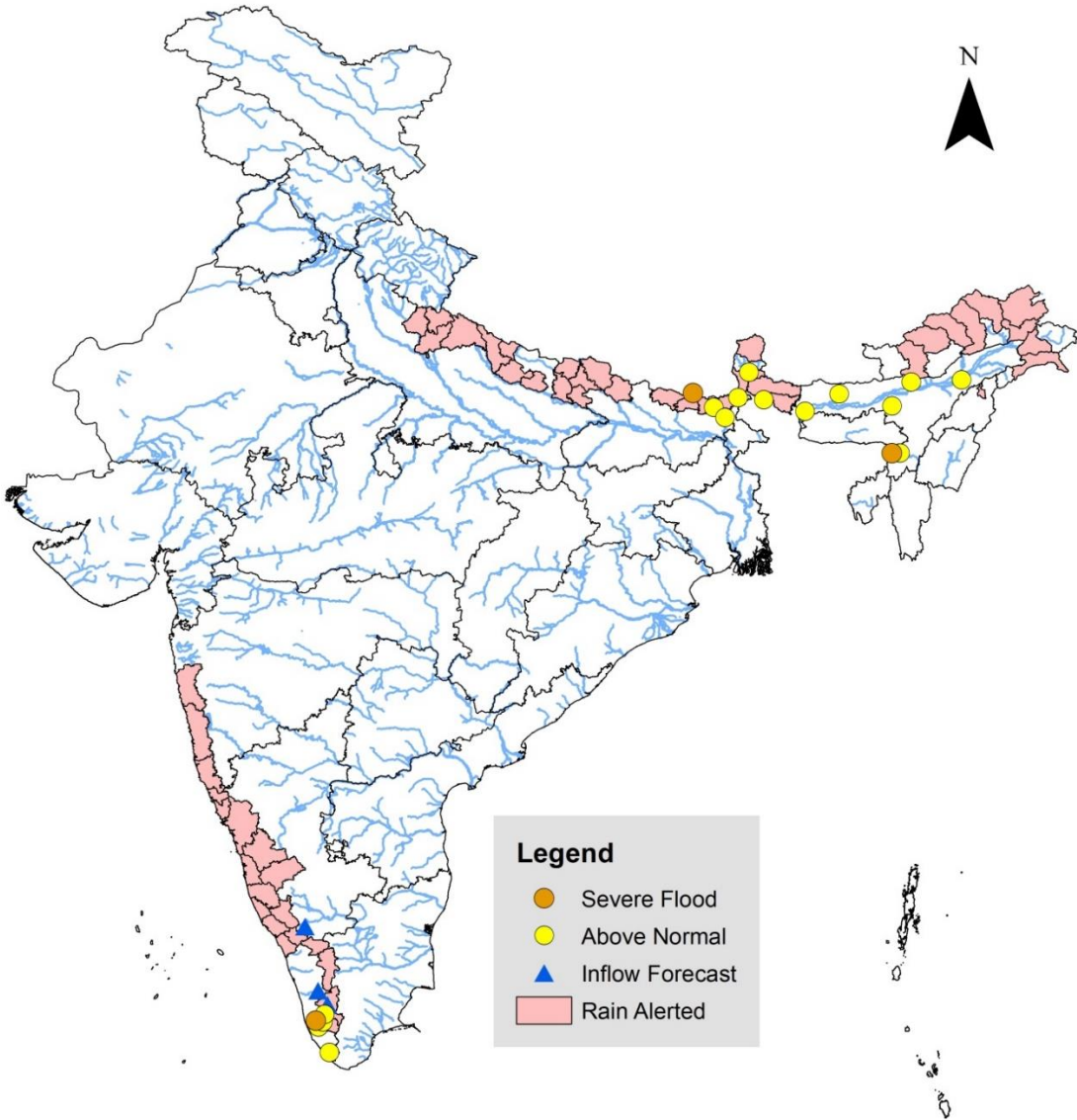
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 26th June 2024, 1 Station in Assam is flowing in Severe Flood Situation, 11 stations (6 in Assam, 3 in Bihar and 1 each in West Bengal & Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 3 Dams and Barrages (2 in Kerala & 1 in Karnataka)

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)	1	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(6), Bihar(3), Sikkim(1), West Bengal(1)	11	
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)		Karnataka(1), Kerala(2)	3	

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrwcdfb26.06.2024_5.pdf

Flood Situation Map

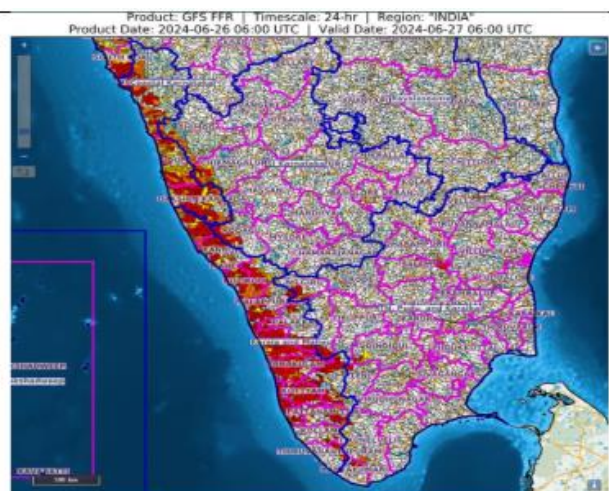


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 27-06-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Kerala & Mahe and adjoining parts of southern Coastal 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.



2.2 CWC Advisories

Main Synoptic Feature:

1. A trough at mean sea level runs off Maharashtra-central Kerala coasts. A cyclonic circulation lies over central Gujarat in lower & middle tropospheric levels and a trough runs from this cyclonic circulation to east Vidarbha in lower tropospheric levels. Under their influence:
 - **Isolated very heavy rainfall very likely over Konkan & Goa, Coastal Karnataka on 27th & 28th; South Interior Karnataka, Kerala & Mahe on 26th & 27th; Tamil Nadu on 26th June.**
 - **Isolated extremely heavy rainfall also likely over Coastal Karnataka today.**
2. A Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 64°E to the north of Lat. 28°N. A cyclonic circulation lies over northwest Rajasthan and a trough runs from this cyclonic circulation to Manipur in the lower tropospheric levels. Strong southerly/southwesterly winds prevail in the lower tropospheric levels from the Bay of Bengal into east & northeast India. Under their influence;
 - Isolated very heavy rainfall very likely over Uttarakhand during 28th-30th; East Uttar Pradesh during 28th-29th; over Haryana and West Uttar Pradesh on 29th & 30th June, 2024.
 - Isolated very heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim, Andaman & Nicobar Islands, Bihar on 26th; Odisha on 27th & 28th; Arunachal Pradesh during 27th-30th; Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 28th-30th June 2024.

Kerala

Water level rise is expected in rivers such as Kabini, Periyar, Manimala, Pamba, Achankovil, Karama, Vamanapuram, Neyyar for next 24 hrs. Water level rise is also expected in Ithikkara, Payaswani and Gayathri rivers for next 24 hrs. Increased inflow is expected into Idukki and Idamalayar reservoirs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Kalloopara	Manimala	Pathanamthitha	Severe	Rising
Pullakkayar	Manimala	Kottayam	Above Normal	Rising
Thumpamon	Achanikovil	Pathanamthitha	Above Normal	Rising
Vellaikadavu	Karamana	Thiruvananthapuram	Above Normal	Rising
Madamon	Pamba	Pathanamthitha	Above Normal	Falling

Karnataka

Water level rise is expected in Kabini, Seetha, Nethravathi, Halady rivers in next 24 hrs.

Tamilnadu

Water level rise is expected in rivers Kodaiyar, Pazhayar, Thambraparni (west flowing) of **Kanyakumari** district.

Assam

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
NT Rd crossing Jia Bharali	Jiabharali	Sonitpur	Above Normal	Rising
Neamatighat	Brahmaputra	Jorhat	Above Normal	Steady
Beki Rd Bridge	Beki	Barpeta	Above Normal	Falling
Dhubri	Brahmaputra	Dhubri	Above Normal	Falling
Dharamtul	Kopili	Morigaon	Above Normal	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Falling

West Bengal & Sikkim

Increased runoff is expected in Teesta and its tributaries 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
Mekhliganj	Teesta	Cooch Behar	Above Normal	Falling
Melli	Teesta	Namchi	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	Steady
Araria	Parman	Araria	Above Normal	Rising
Dhengraghat	Mahananda	Purnia	Above Normal	Rising
Taibpur	Mahananda	Kishanganj	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	27-06-2024	28-06-2024	29-06-2024	30-06-2024	1/7/2024	2/7/2024	3/7/2024
1	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	AN	S	E	E	E	E
2	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	E	E	E	E
3	MELLI	TEESTA	SOUTH DISTRICT	Sikkim	S	E	S	S	S	AN	AN
4	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	S	S	S	S	S
5	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	S	S	S	AN
6	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	S	S	S	S
7	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	AN	AN	AN
8	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	AN	S	AN	AN	AN	AN	AN
9	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	S	S	S	S	AN	AN
10	DHENGRAGHAT	MAHANANDA	PURNIA	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 26th June2024

Storageabove85%	
Storageabove60%	

QPF 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/DSDistrict	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	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
4	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
5	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
6	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
7	Musi dam	Musi / Lower Krishna / Krishna	Telangana	Nalgonda					
8	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
9	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