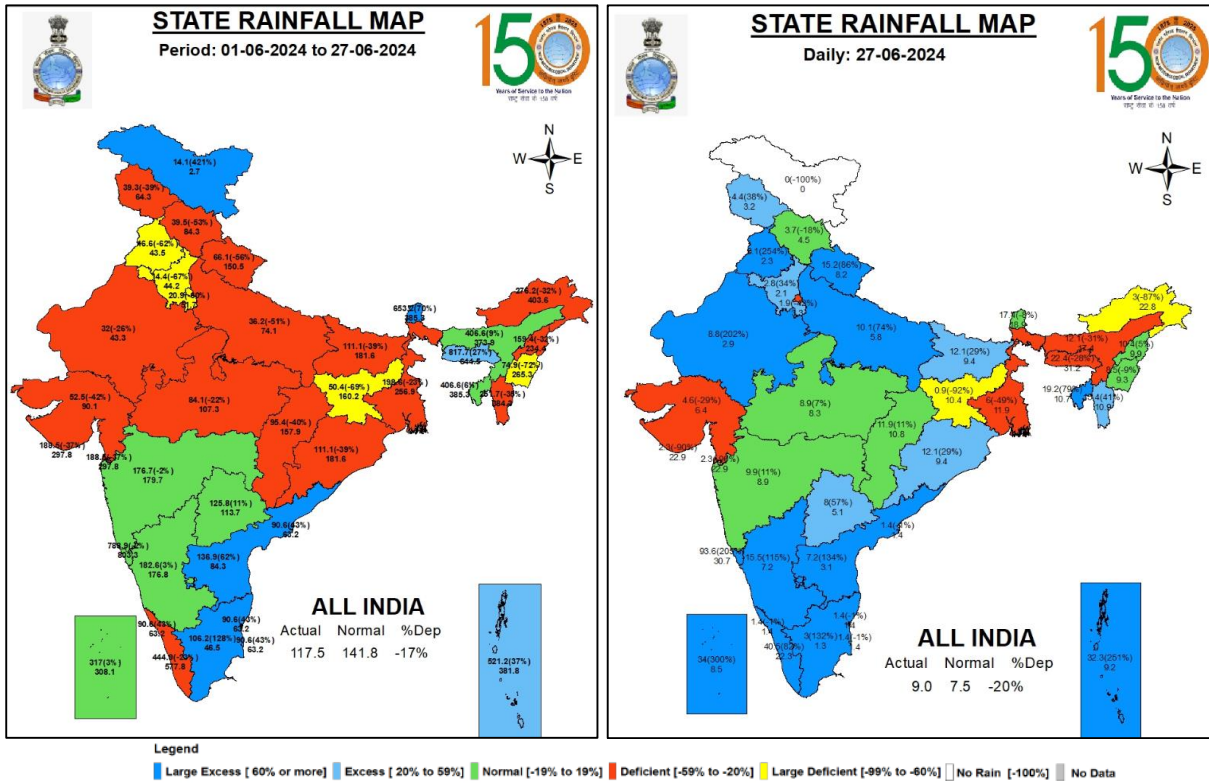




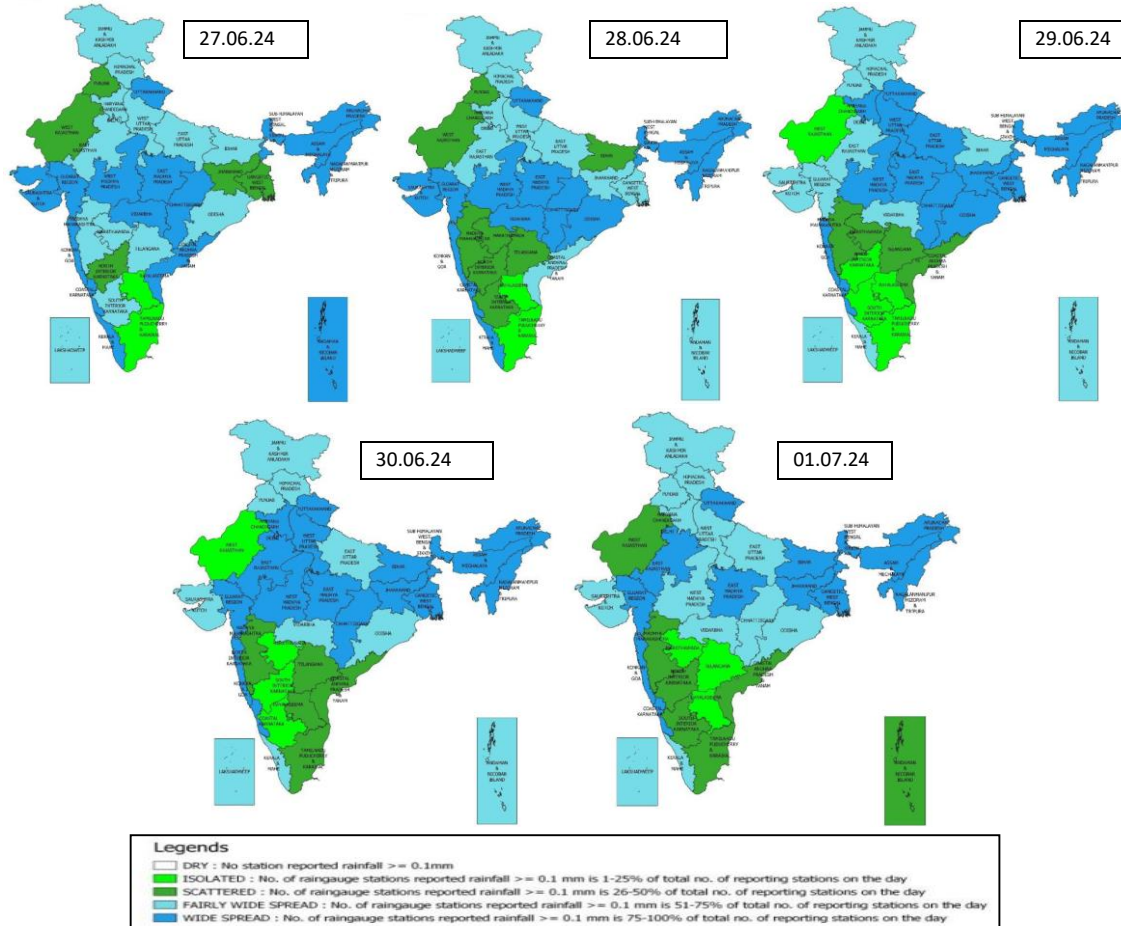
Central Water Commission
Daily Flood Situation Report cum Advisories
27-06-2024

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 27th June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

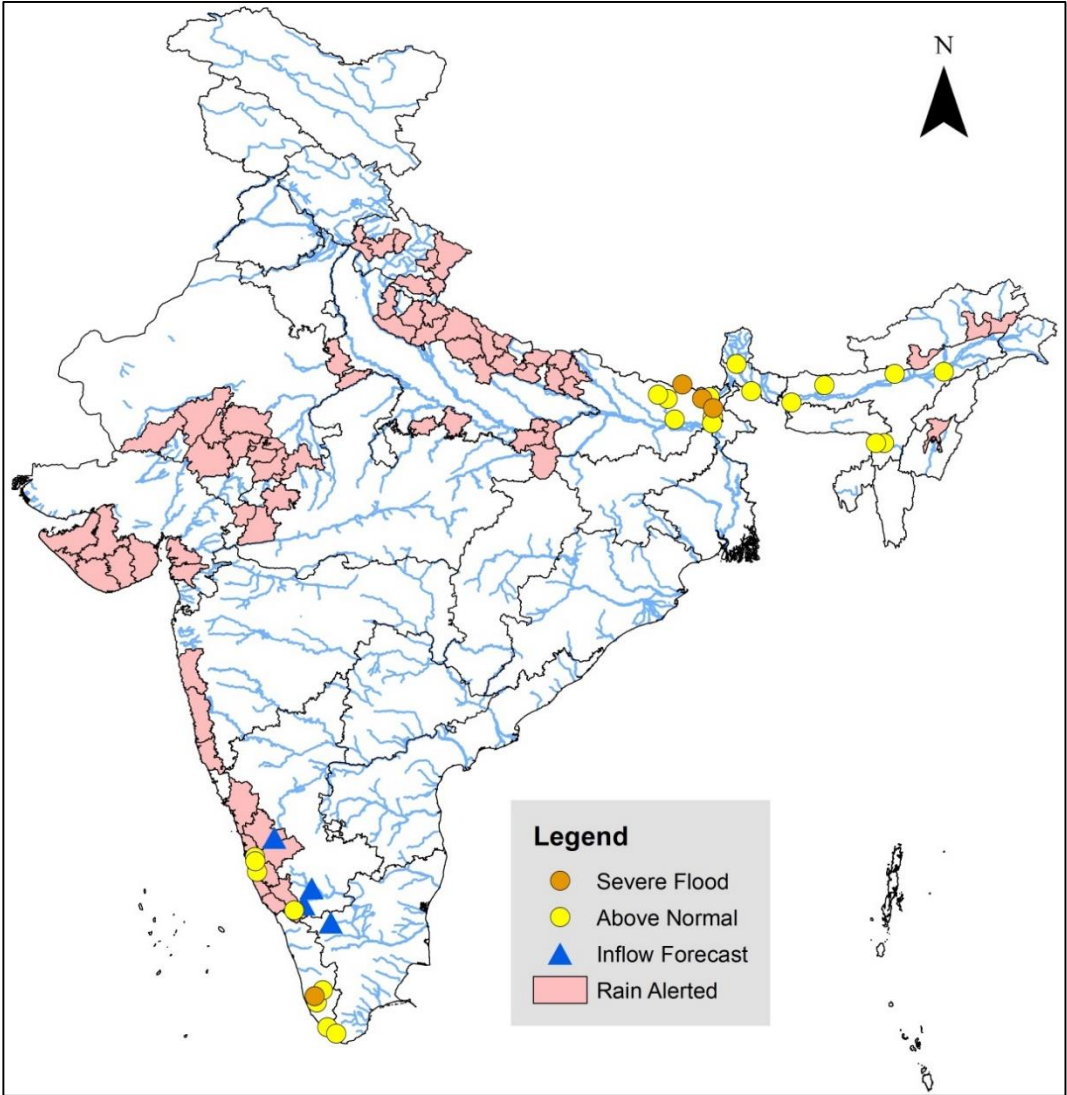
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 27th June 2024, 2 Stations in Bihar are flowing in Severe Flood Situation, 14 stations (6 in Assam, 5 in Bihar and 1 each in West Bengal, Kerala & Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 4 Dams and Barrages (3 in Karnataka & 1 in Tamil Nadu)

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))	Bihar(2)	2	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(6), Bihar(5), Kerala(1), Sikkim(1), West Bengal(1)	14	
Total number of sites above Warning Level (A+B+C)			16	
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(3), Tamil Nadu(1)	4	

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb27.06.2024_5.pdf

Flood Situation Map

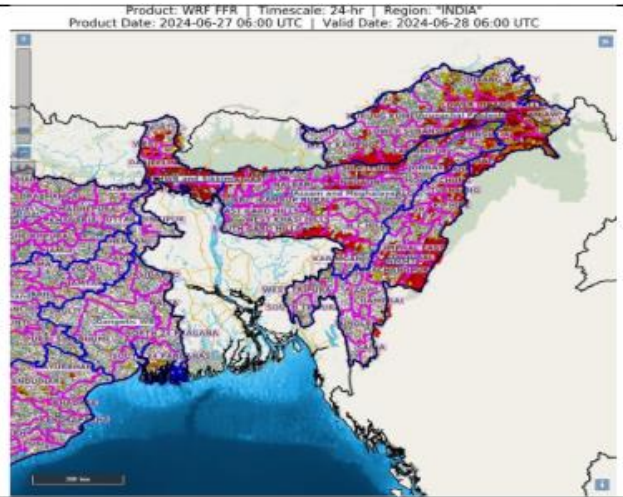


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 28-06-2024 :

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

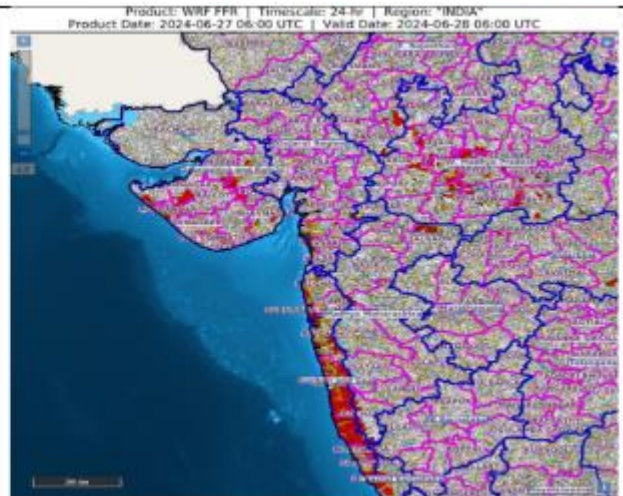
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 28-06-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Konkan & Goa and Southern Saurashtra & Kutch** 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-north Kerala coasts. A cyclonic circulation lies over central Gujarat and a trough runs from this cyclonic circulation to west Bihar in lower tropospheric levels. Under their influence:
 1. Isolated very heavy rainfall very likely over Konkan & Goa during 27th June-01st July; Coastal Karnataka, Saurashtra & Kutch on 27th & 28th; South Interior Karnataka, Kerala & Mahe, north Coastal Andhra Pradesh and West Madhya Pradesh on 27th June.
 2. **Isolated extremely heavy rainfall very likely over Coastal Karnataka today.**
- 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 another over east Assam 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;
 1. Isolated very heavy rainfall very likely over East Rajasthan during 27th June-01st July; Uttarakhand, Odisha during 27th-29th; East Uttar Pradesh on 28th & 29th and Bihar on 29th; over Haryana and West Uttar Pradesh on 29th & 30th June, 2024.

Assam

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

CWC Site	River	District	Flood Type	Trend in Water Level
Beki Rd Bridge	Beki	Barpeta	Above Normal	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Steady
Neamatighat	Brahmaputra	Jorhat	Above Normal	Steady
Karimganj	Kushiyara	Karimganj	Above Normal	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Falling
NT Rd crossing Jia Bharali	Jiabharali	Sonitpur	Above Normal	Falling

West Bengal & Sikkim

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

Water levels in rivers Kosi of Khagaria dist. and Mahananda are expected to rise and in next 24hrs. Water levels in Kosi of Supaul district and that of Kamalabalan and Parman are expected to fall in next 24hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Dhengraghat	Mahananda	Purnia	Severe	Rising
Birpur	Kosi	Supaul	Severe	Steady
Araria	Parman	Araria	Severe	Steady
Chargharia	Mahananda	Kishanganj	Above Normal	Rising
Baltara	Kosi	Khagaria	Above Normal	Rising
Basua	Kosi	Supaul	Above Normal	Rising
Labha	Fulhar	Katihar	Above Normal	Rising
Jhawa	Mahananda	Katihar	Above Normal	Rising
Jhanjharpur	Kamlabalan	Madhubani	Above Normal	Falling

Kerala

Water levels in rivers such as Manimala, Achankoil, Periyar are expected to in falling conditions. 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	Falling
Vellaikadavu	Karamana	Thiruvananthapuram	Above Normal	Rising
Pullakkayar	Manimala	Kottayam	Above Normal	Falling
Thumpamon	Achanikovil	Pathanamthitha	Above Normal	Falling
Muthankera	Kabini	Wayanad	Above Normal	Steady

Karnataka

Water level rise is expected in Kabini, Harangi, Shambhavi, Swarna for next 24 hrs

CWC Site	River	District	Flood Type	Trend in Water Level
Sanoor	Shambhavi	Udupi	Above Normal	Rising
Bantwal	Netravathi	Dakshin Kannada	Above Normal	Steady
Yennehole	Swarna	Udupi	Above Normal	Falling

Tamilnadu

CWC Site	River	District	Flood Type	Trend in Water Level
Thiruvarambu	Kodaiyar	Kanyakumari	Above Normal	Rising

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	28-06-2024	29-06-2024	30-06-2024	1/7/2024	2/7/2024	3/7/2024	4/7/2024
1	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	AN	S	S	E	E	E
2	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	E	E	E	E
3	DHARAMTUL	KOPILI	MARIGAON	Assam	AN	AN	S	E	E	E	S
4	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	E	E	E	E	E
5	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	S	S	E	E	S
6	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	AN	AN	AN	E	E	S	AN
7	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	S	S	S	S	S
8	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	AN	AN	S	S	S	S
9	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	AN	AN	AN	AN	S	S	S
10	JHAWA	MAHANANDA	KATI HAR	Bihar	AN	AN	AN	S	S	S	S
11	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	AN	S	S	S
12	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	S	S	S	AN
13	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
14	JAINAGAR	KAMLA	MADHUBANI	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 27th 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	Almatti Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
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	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