



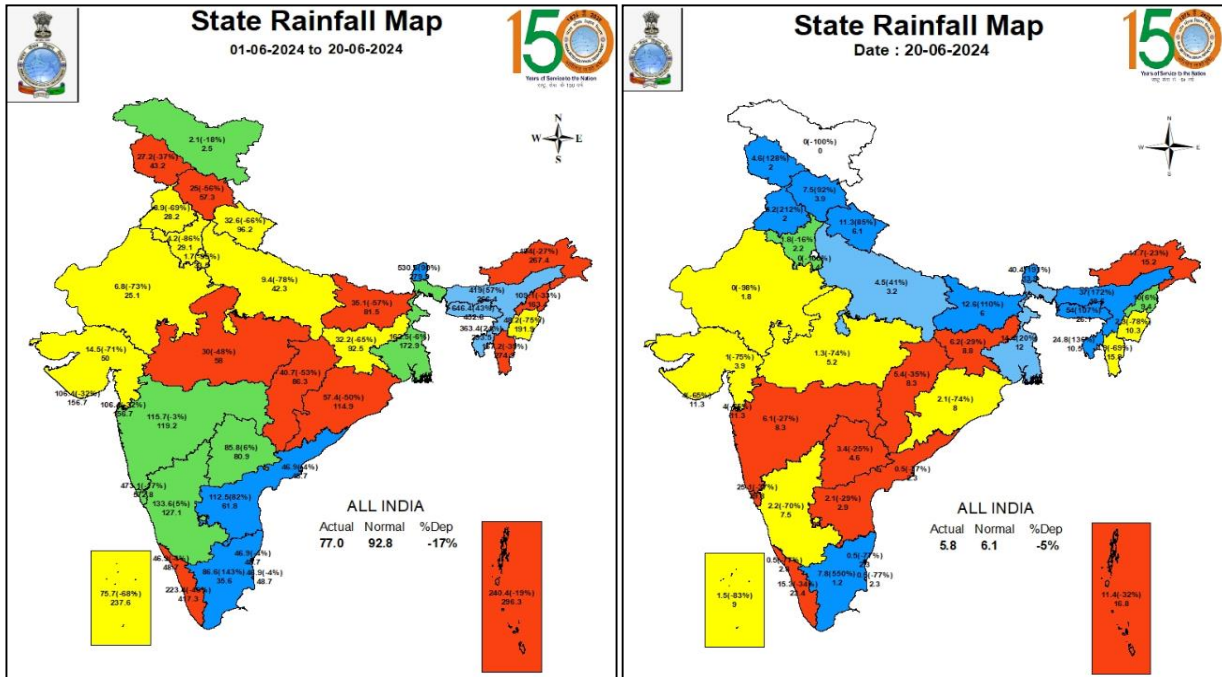
Central Water Commission

Daily Flood Situation Report cum Advisories

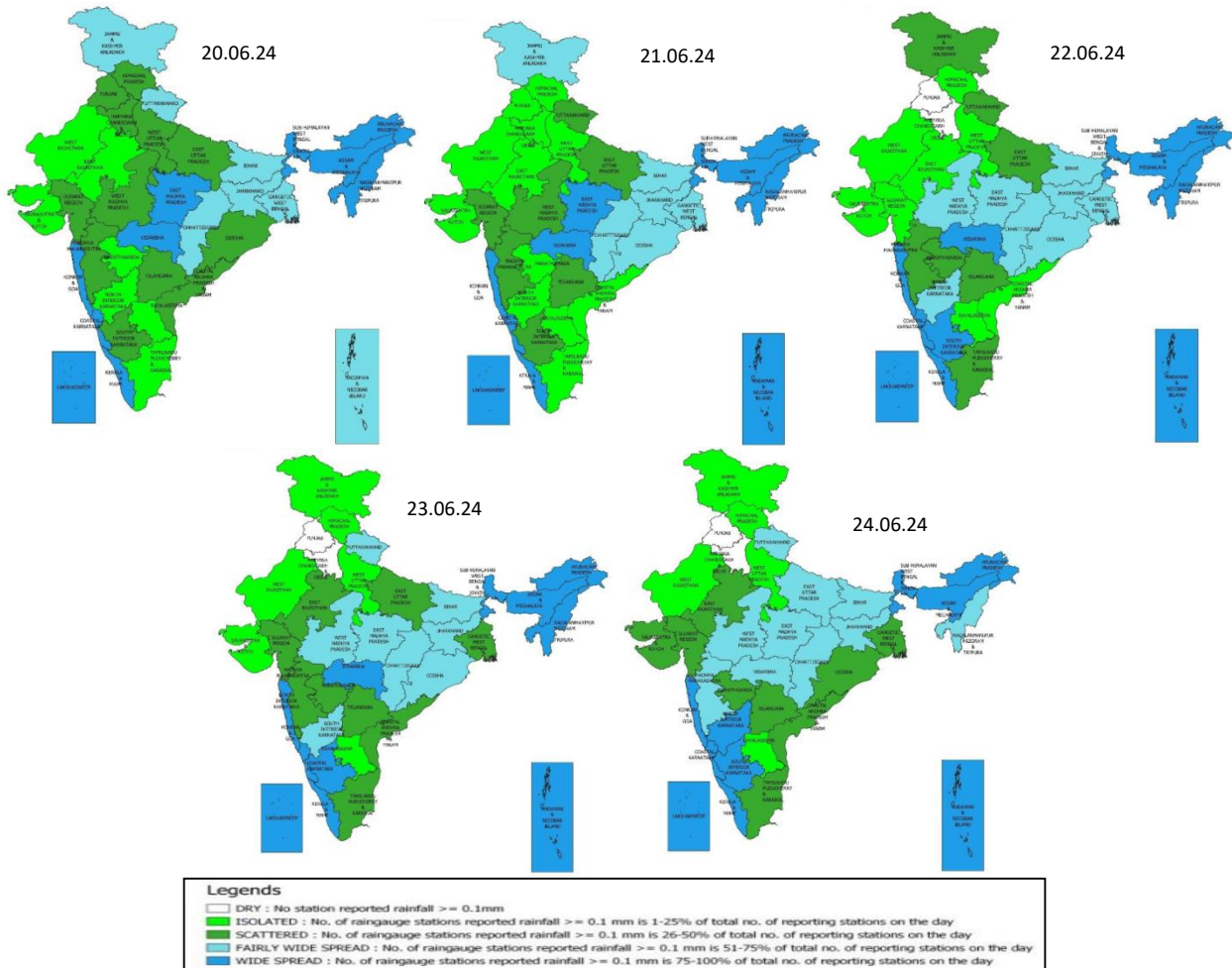
20-06-2024

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 20th June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

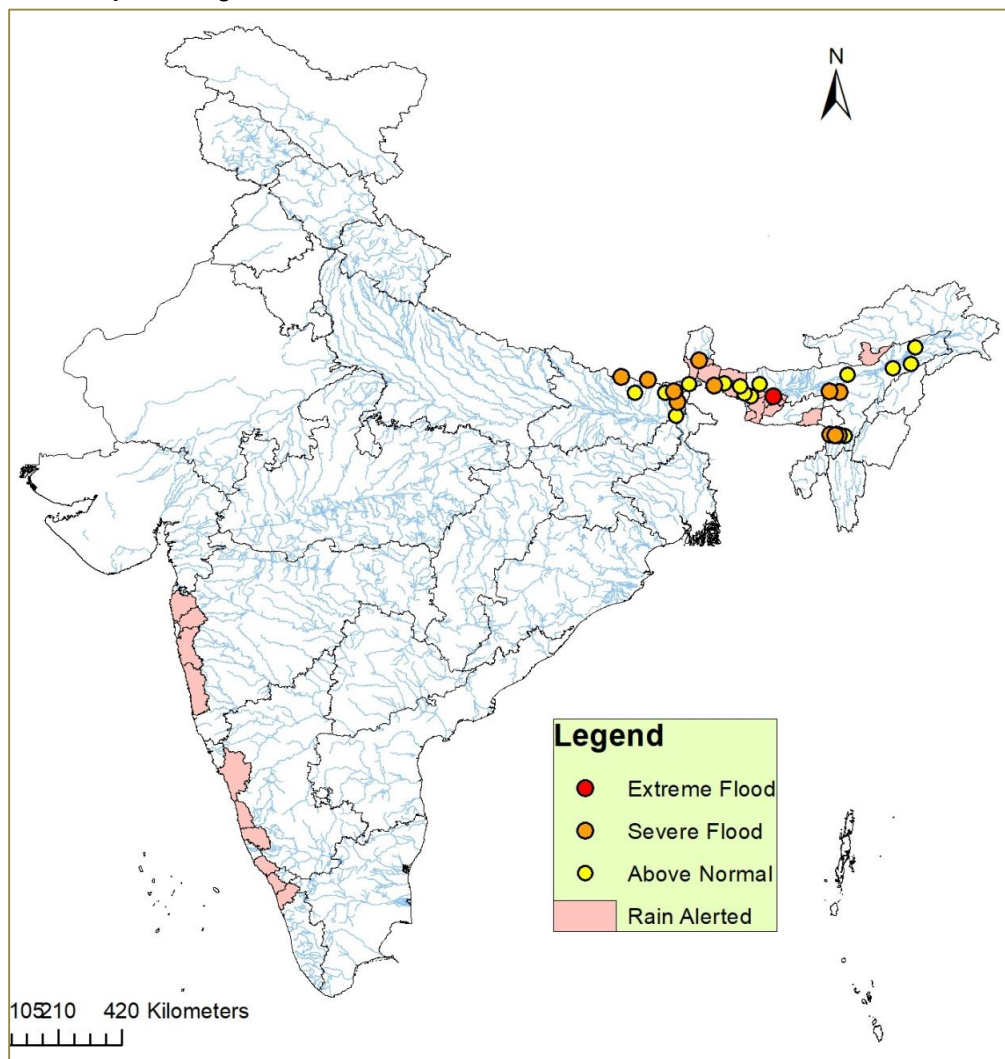
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 20th June 2024, 9 Stations (5 in Assam, 2 in Bihar and 1 each in Sikkim & West Bengal) are flowing in Severe Flood Situation, 14 stations (8 in Assam, 4 in Bihar 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: (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(5), Bihar(2), Sikkim(1), West Bengal(1)	9	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(8), Bihar(4), West Bengal(2)	14	
Total number of sites above Warning Level (A+B+C)			23	
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/cfrcwcdffb20.06.2024_5.pdf

Flood Situation Map showing Base stations and FF Stations



2.2 CWC Advisories

Main Synoptic Feature:

1. A cyclonic circulation lies over Assam & neighbourhood and another over Bihar & neighbourhood in lower tropospheric levels. Strong southwesterly/southerly winds are prevailing from Bay of Bengal to northeast India in lower tropospheric levels. Under their influence isolated heavy to very heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh next 5 days and isolated heavy rainfall over Nagaland, Manipur, Mizoram & Tripura on 22nd & 23rd June.
2. A trough at mean sea level runs off Karnataka and Kerala coasts. Under its influence:
 - Isolated heavy to very heavy rainfall very likely over Konkan & Goa and ghat areas of Madhya Maharashtra during 20th-24th and isolated heavy rainfall over Gujarat region on 20th & 23rd June, 2024.
 - Isolated heavy to very heavy rainfall very likely over Kerala & Mahe, Coastal & South Interior Karnataka, Tamil Nadu during 20th-24th; North Interior Karnataka during 22nd-24th; Lakshadweep on 22nd & 23rd June.
 - Isolated extremely heavy rainfall also likely over Coastal Karnataka on 22nd & 23rd and Konkan & Goa, Kerala & Mahe & South Interior Karnataka on 23rd June, 2024.

Assam

As the rainfall is expected to decrease over the region compared to past days flood like situation existing in below given rivers are expected to show slightly rising to steady conditions for next 24 hrs for most of the sites. Sharp rise in water levels are less expected 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
Krishnai	Krishnai	Goalpara	Extreme	Falling
Dharamtul	Kopili	Morigaon	Severe	Rising
Karimganj	Kushiyara	Karimganj	Severe	Steady
Kampur	Kopili	Nagaon	Severe	Steady
Badarpurghat	Barak	Karimganj	Severe	Falling
Margherita	Buridehing	Tinsukia	Above Normal	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Rising
Neamatighat	Brahmaputra	Jorhat	Above Normal	Rising
Golokganj	Sankosh	Dhubri	Above Normal	Rising
Annapurna ghat	Barak	Cachar	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, the flood situation in rivers is expected to continue 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	Severe	Steady
Melli	Teesta	Namchi	Severe	Falling
Jaldhaka NH 31	Jaldhaka	Jalpaiguri	Above Normal	Rising
Tufanganj	Raidak -I	Cooch Behar	Above Normal	Falling

Bihar

River Mahananda is expected to show slightly falling to steady conditions in Upper reaches 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
Jainagar	Kamla	Madhubani	Severe	Steady
Birpur	Kosi	Supaul	Severe	Steady
Chargharia	Mahananda	Kishanganj	Severe	Falling
Araria	Parman	Araria	Above Normal	Rising
Jhawa	Mahananda	Katihar	Above Normal	Rising
Basua	Kosi	Supaul	Above Normal	Steady

Karnataka

Water level rise is expected in rivers such as Gurpur, Netravathi, Haladi, Kabini, Harangi, Suvarnathi, Hemavathy, Bhadra, Yagachi and other small rivers in districts **Uttara Kannada, Udupi, Dakshin Kannada, Shimoga, Chikmangallur, Hassan and Kodagu** for next 2 to 3 days.

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	21-06-2024	22-06-2024	23-06-2024	24-06-2024	25-06-2024	26-06-2024	27-06-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	AN	AN	AN	S	S	S	S
2	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	S	S	S	S	S	S	S
3	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	S	S	S	S
4	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	AN	AN	AN	AN	S	S	AN
5	KAMPUR	KOPI LI	NAGAON	Assam	S	S	S	AN	AN	AN	AN
6	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	S	S	S	S	AN	AN	AN
7	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	S	AN	AN	AN	AN	AN	AN
8	DHARAMTUL	KOPI LI	MARIGAON	Assam	AN	AN	AN	AN	AN	AN	AN
9	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	AN	AN	AN	AN
10	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	AN	AN	AN
11	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
12	TUFANGANJ	RAIDAK-I	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).

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 20th 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
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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.	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
4.	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmadnagar					
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.	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