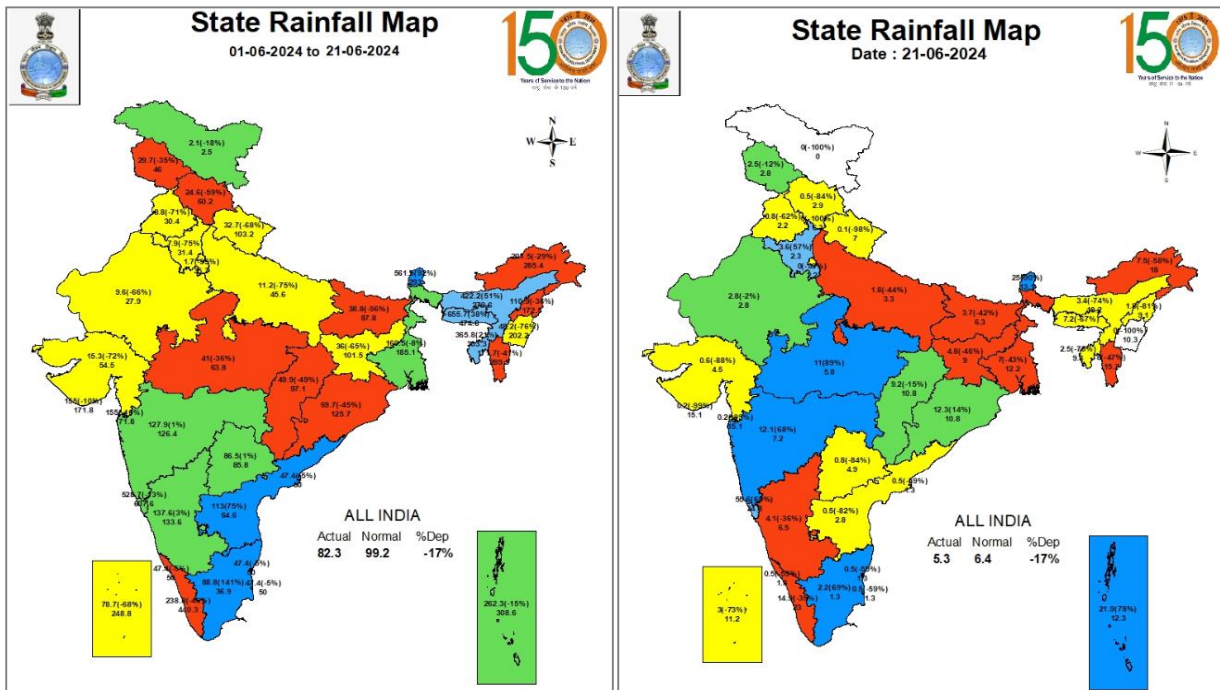




Central Water Commission
Daily Flood Situation Report cum Advisories
21-06-2024

1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



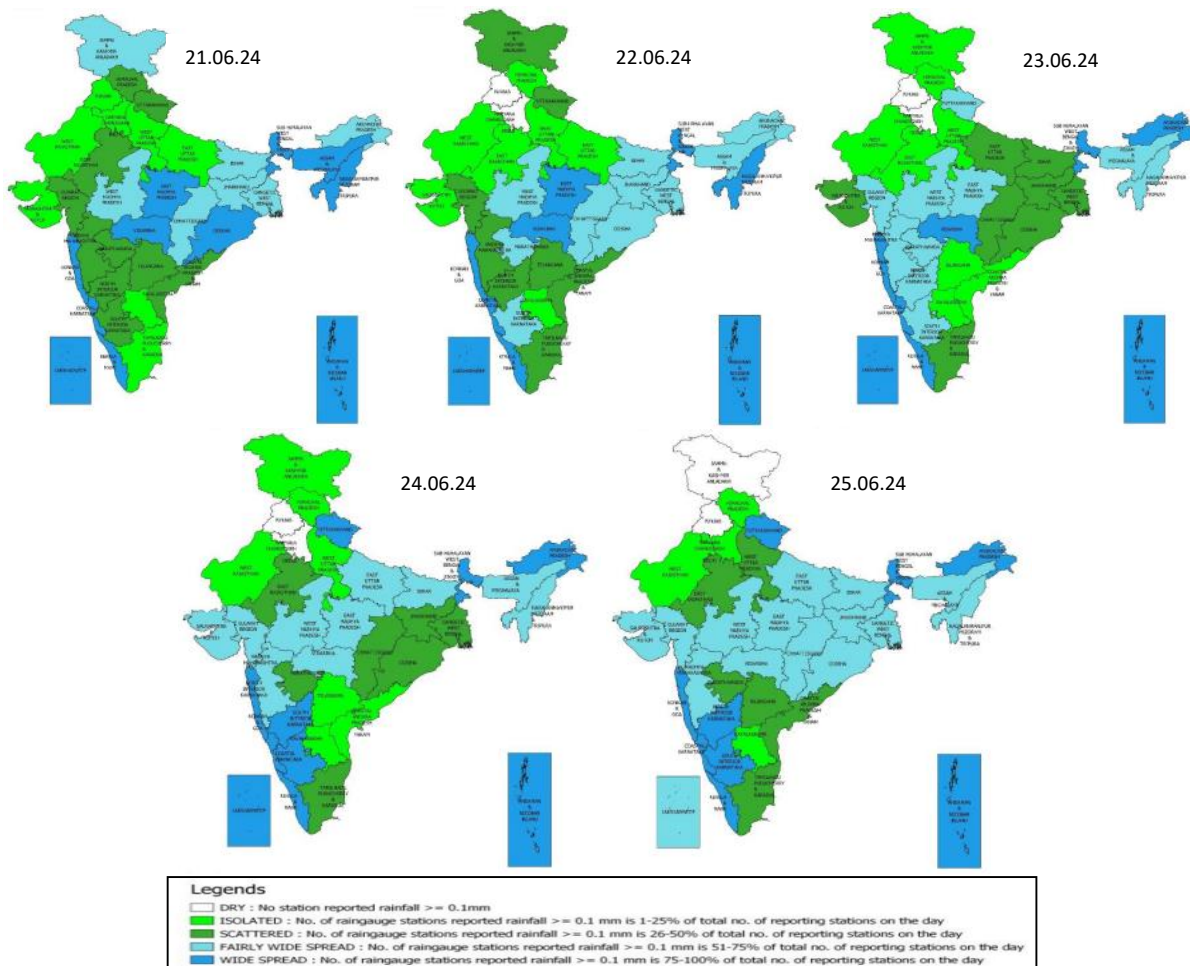
Legend

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 :

- Rainfall figures are based on operation data.
- Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
- Percentage Departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 21st June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

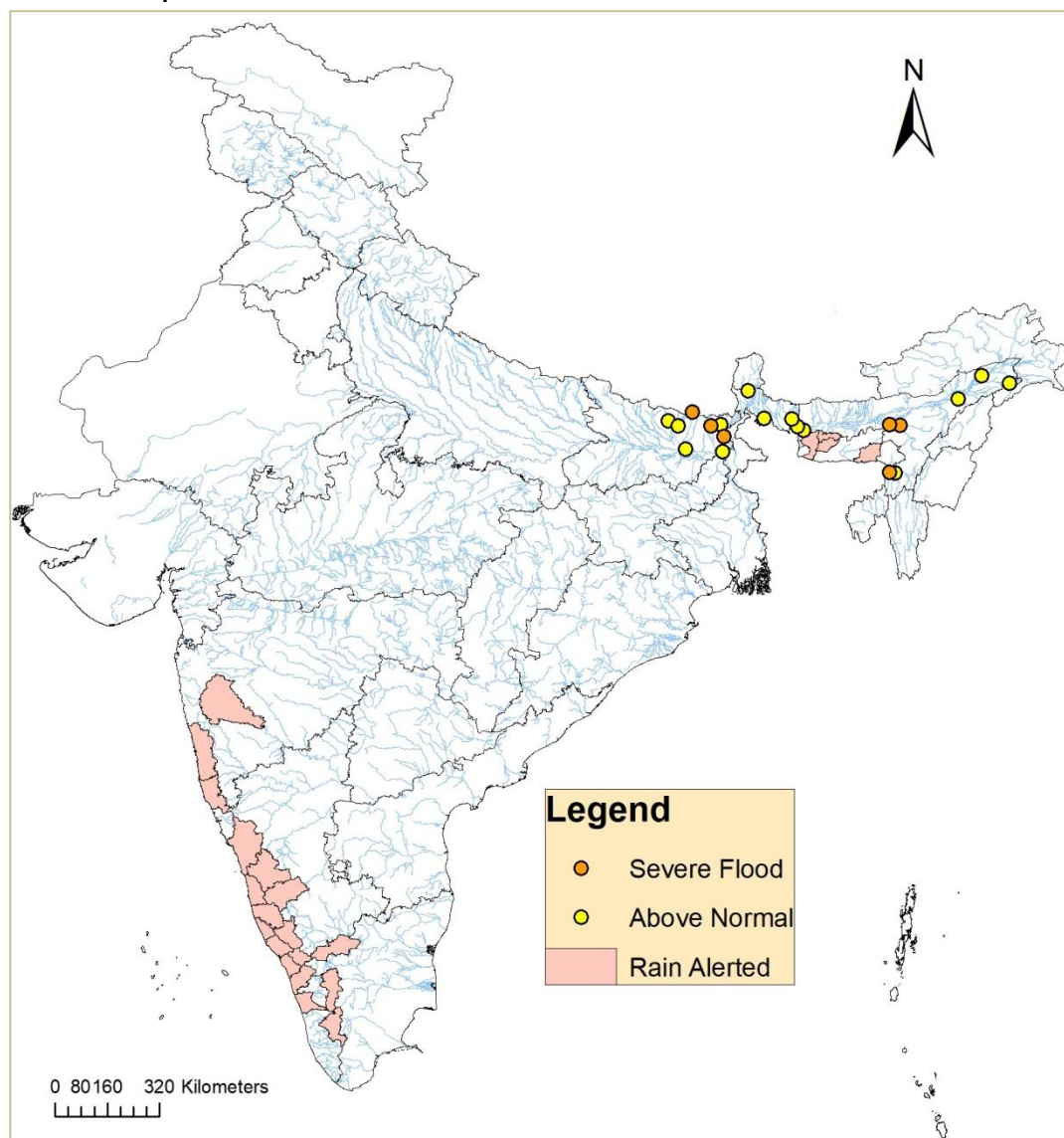
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 21st June 2024, 4 Stations (3 in Assam and 1 in Bihar) are flowing in Severe Flood Situation, 12 stations (5 in Assam, 4 in Bihar, 2 in West Bengal and 1 in Sikkim) 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(3), Bihar(1)	4	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(5), Bihar(4), Sikkim(1), West Bengal(2)	12	
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)			0	

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb21.06.2024_6.pdf

Flood Situation Map



2.2 CWC Advisories

A trough at mean sea level runs off Karnataka and Kerala coasts and lower level winds are likely to strengthen at the west coast next 3 days. Under its influence:

- Isolated heavy to very heavy rainfall very likely over Konkan & Goa and ghat areas of Madhya Maharashtra during 21st-25th and isolated heavy rainfall over Gujarat region on 21st & 23rd and Marathwada on 23rd June and southeast Rajasthan on 21st, 24th & 25th June 2024.
- Isolated heavy to very heavy rainfall very likely over Kerala & Mahe Karnataka, Tamil Nadu during 21st-25th; Lakshadweep on 22nd & 23rd and Telangana on 22nd June.
- Isolated extremely heavy rainfall also likely over Coastal Karnataka on 22nd & 23rd; Konkan & Goa on 23rd & 24th; Kerala & Mahe & South Interior Karnataka on 23rd June, 2024.

Karnataka

Water level rise is expected in rivers Gangavalli, Bennehalla (dist. **Dharwad**), Aghanasini, Sharavati (dist. **Uttara Kannada**), Varahi, Haladi, Shambhavi, Swarna (dist. **Udupi**), **Payaswani, Netravathi, Shambavi, Palguni (dist. Dakshin Kannada)**, Varadha, Kumudvati (dist. **Haveri**), Harangi, Hemavathu, Lakshmanatirtha, Yagachi (dist. **Hassan, Kodagu**), Kabini (dist. Mysore), Bhadra, Tunga, Sharavati (dist. **Shimoga, Chikmangalur**) 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, Thrissur, Ernakulam, Palkkad and Idukki**.

Assam

The water levels in Brahmaputra, Barak and its tributaries in **Morigaon, Nagaon, Tinsukia, Dhubri, Jorhat, Dibrugarh, and Karimganj** 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
Dharamtul	Kopili	Morigaon	Severe	Steady
Karimganj	Kushiyara	Karimganj	Severe	Falling
Kampur	Kopili	Nagaon	Severe	Falling
Margherita	Buridehing	Tinsukia	Above Normal	Steady
Dhubri	Brahmaputra	Dhubri	Above Normal	Steady
Neamatighat	Brahmaputra	Jorhat	Above Normal	Steady
Golokganj	Sankosh	Dhubri	Above Normal	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Falling
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Falling

West Bengal & Sikkim

Water levels in Teesta, Raidak-1, Melli rivers are expected to fall in 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	Steady
Tufanganj	Raidak -I	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
Araria	Parman	Araria	Severe	Rising
Birpur	Kosi	Supaul	Severe	Steady
Dhengraghat	Mahananda	Purnia	Severe	Steady
Baltara	Kosi	Khagaria	Above Normal	Rising
Jhawa	Mahananda	Katihar	Above Normal	Steady
Chargharia	Mahananda	Kishanganj	Above Normal	Falling
Basua	Kosi	Supaul	Above Normal	Falling
Jhanjharpur	Kamlabalan	Madhubani	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	22-06-2024	23-06-2024	24-06-2024	25-06-2024	26-06-2024	27-06-2024	28-06-2024
1	Badarpur ghat	Barak	Karimganj	Assam	S	AN	AN	S	S	S	S
2	Karimganj	Kushiyara	Karimganj	Assam	S	S	S	S	S	S	S
3	Dhengraghat	Mahananda	Purnia	Bihar	S	AN	AN	AN	AN	AN	AN
4	Jhanjharpur	Kamalabalan	Madhubani	Bihar	AN	AN	AN	S	S	S	S
5	Neamatighat	Brahmaputra	Jorhat	Assam	AN	AN	AN	AN	AN	AN	AN
6	Dhubri	Brahmaputra	Dhubri	Assam	AN	AN	AN	AN	AN	AN	AN
7	Baltara	Kosi	Khagaria	Bihar	AN	AN	AN	AN	AN	AN	AN
8	Basua	Kosi	Supaul	Bihar	AN	AN	AN	AN	AN	AN	AN
9	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 21st 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.	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/Ahmadnagar					
6.	RanaPratapSagar	Chambal/UpperChambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
7.	KotaBarrage	Chambal/UpperChambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
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