



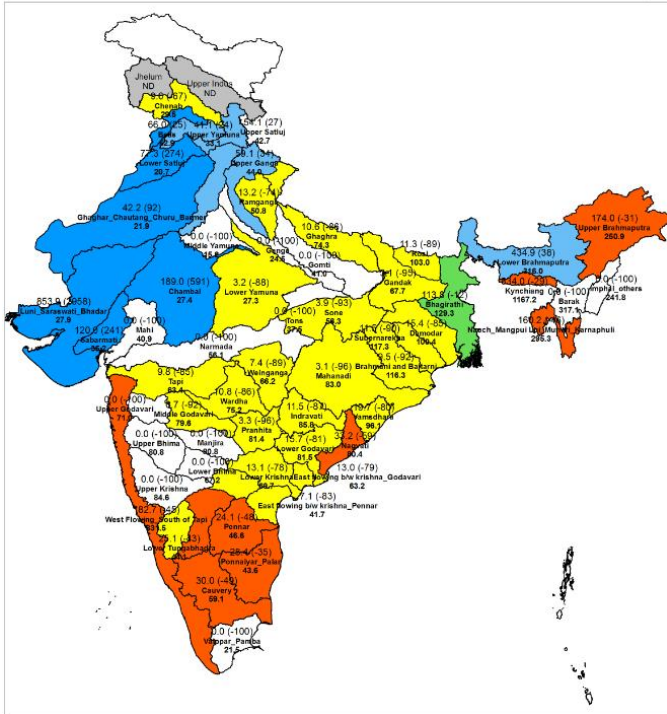
Central Water Commission Daily Flood Situation Report cum Advisories 19-06-2023

1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall

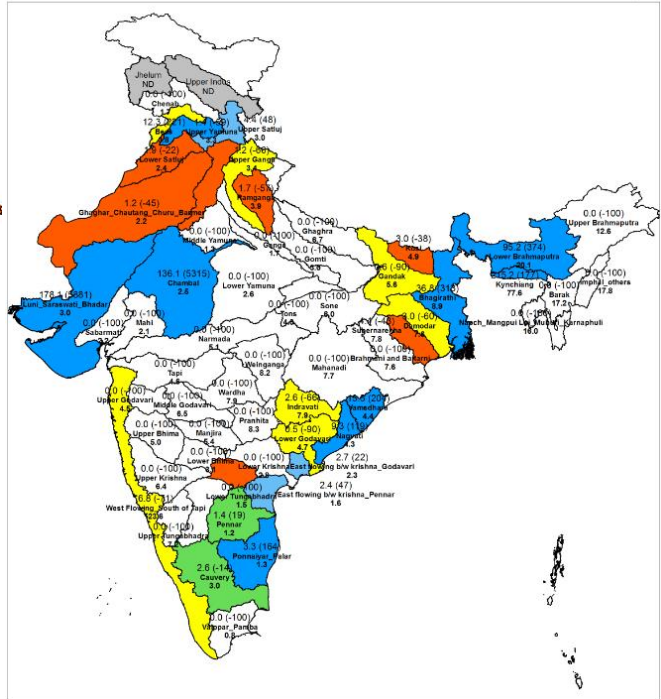
RIVER BASIN RAINFALL MAP : INDIA

Period :01-06-2023 To 19-06-2023

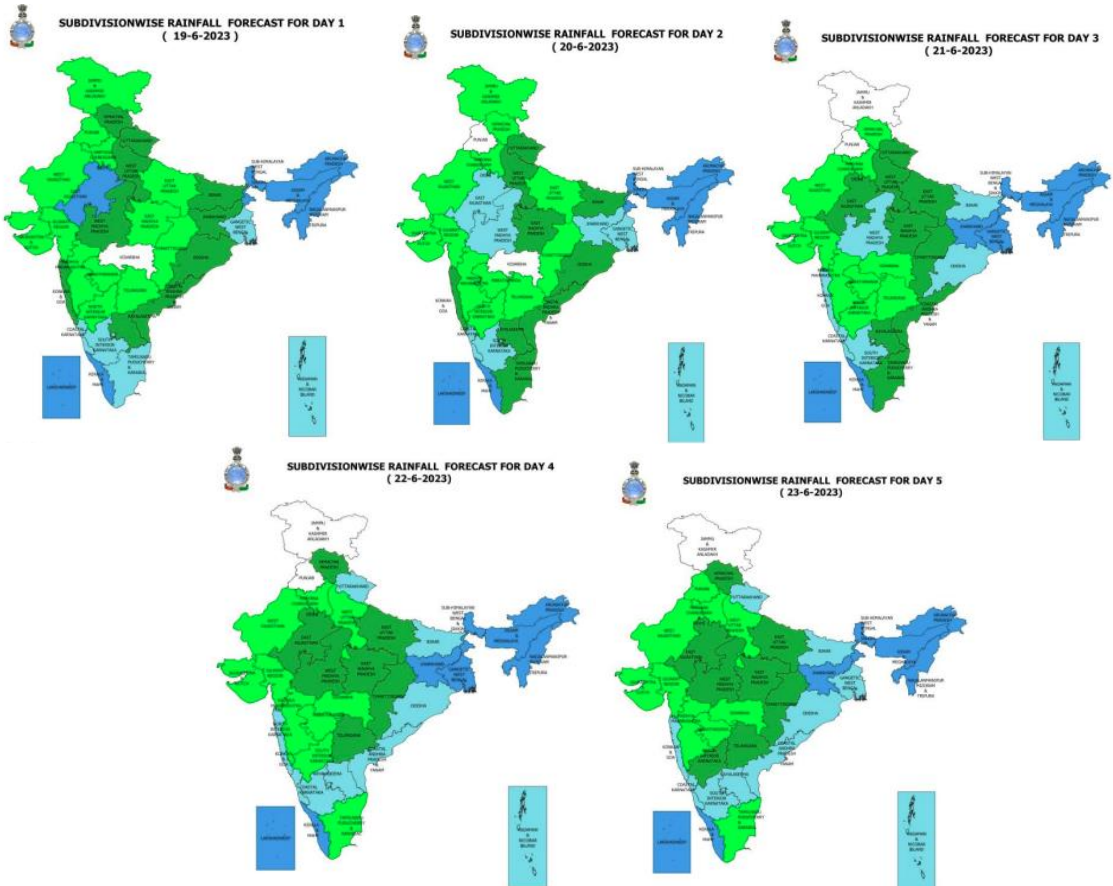


RIVER BASIN RAINFALL MAP : INDIA

Date :19-06-2023



1.1 Rainfall forecast for next 5 days issued on 19th June 2023 (Midday) by IMD



Legends

- DRY : No station reported rainfall ≥ 0.1 mm
- ISOLATED : No. of raingauge stations reported rainfall ≥ 0.1 mm is 1-25% of total no. of reporting stations on the day
- SCATTERED : No. of raingauge stations reported rainfall ≥ 0.1 mm is 26-50% of total no. of reporting stations on the day
- FAIRLY WIDE SPREAD : No. of raingauge stations reported rainfall ≥ 0.1 mm is 51-75% of total no. of reporting stations on the day
- WIDE SPREAD : No. of raingauge stations reported rainfall ≥ 0.1 mm is 75-100% of total no. of reporting stations on the day

2.0 Flood Situation and Advisories

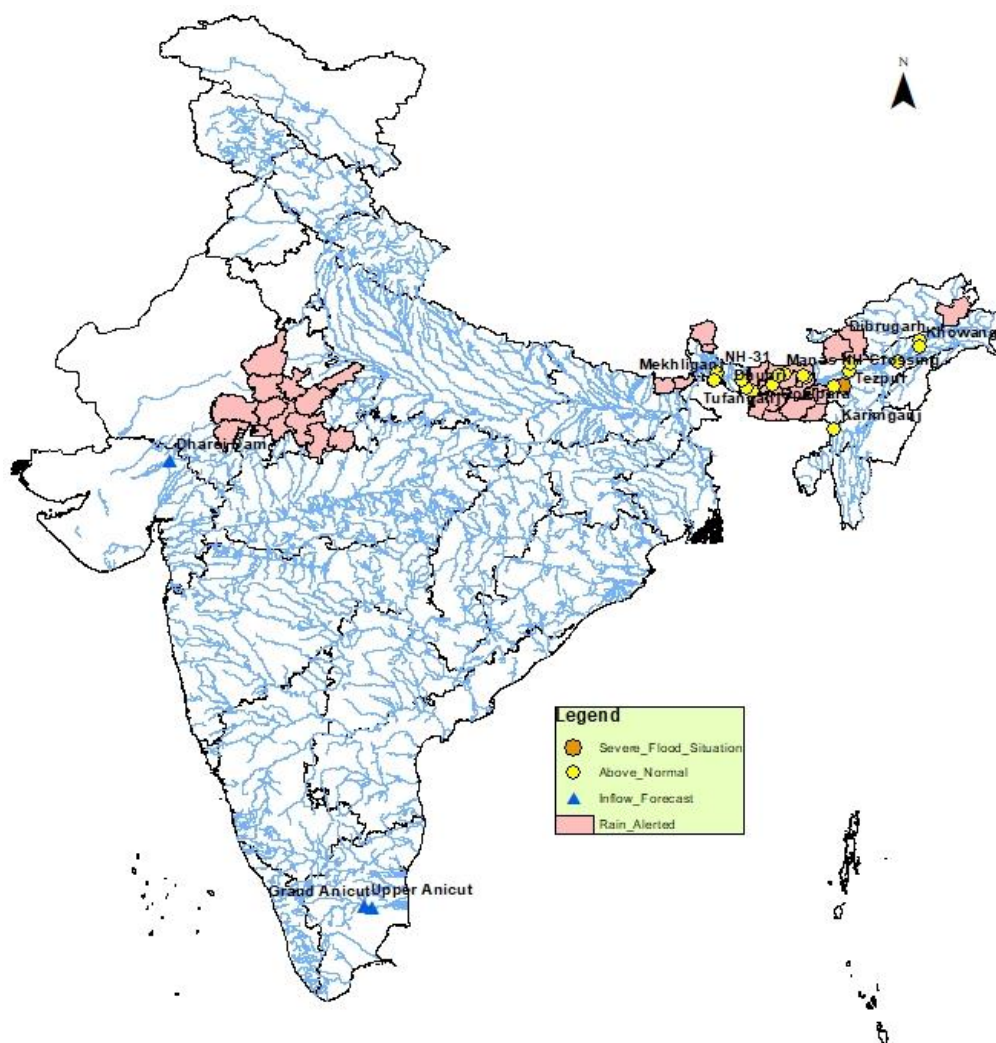
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 19th June 2023, 1 stations in Assam is flowing in Severe Flood Situation, 17 stations (14 in Assam & 3 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 3 Dams and Barrages (2 in Tamil Nadu & 1 in Gujrat).

PART - I: LEVEL FORECAST		(Total Sites - 199)		
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(14), West Bengal(3)	17	
Total number of sites above Warning Level (A+B+C)			18	
PART - II: INFLOW FORECAST		(Total Sites - 134)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)			3	

Details are given at link: https://cwc.gov.in/sites/default/files/central-flood-control-room-daily-bulletins-report-2023-06-19t140903.924-2_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Assam

Present Flood situation in the state as per CWC network

Sl. No.	CWC Site	District	River	Flood Type	Trend
1	Kampur	Nagaon	Kopili	Severe	Falling
2	Goalpara	Goalpara	Brahmaputra	Above Normal	Rising
3	PagladiyaNT Rd crossing	Nalbari	Pagladiya	Above Normal	Rising
4	Dhubri	Dhubri	Brahmaputra	Above Normal	Rising
5	Puthimari NH Rd Crossing	Dhubri	Sankosh	Above Normal	Rising
6	Karimganj	Karimganj	Kushiyara	Above Normal	Rising
7	Dibrugarh	Dibrugarh	Brahmaputra	Above Normal	Steady
8	Beki Rd Bridge	Barpeta	Beki	Above Normal	Steady
9	Dharamtul	Morigaon	Kopili	Above Normal	Steady
10	Margherita (Monitoring Station)	Tinsukia	Buredehing	Above Normal	Steady
11	Chenimari	Dhubri	Buridehing	Above Normal	Steady
12	Tezpur	Sonitpur	Brahmaputra	Above Normal	Falling
13	Golokganj	Dhubri	Sankosh	Above Normal	Falling
14	Manas NH Crossing	Bongaigaon	Brahmaputra	Above Normal	Falling
15	Neamatighat	Jorhat	Brahmaputra	Above Normal	Falling

IMD has predicted very heavy rainfall over districts such as South **Salmara Mancachar, Kokrajhar, Dhubri, Baksa, Barpeta, Goalpara, Chirang, Nalbari, Bongaigaon** for next 2 days, hence water level rise is expected in Brahmaputra and its tributaries such as Puthimari, Aie, Beki, Pagladiya, Kopili, Sankosh, Champamati, Gaurang, Burisuti, Manas, Suklai, Kalanadi and other small tributaries located in above said districts. As heavy rainfall is expected to continue in another 2 to 3 days as per IMD forecast, flood like situation is expected at some places in lower Assam and upper Assam districts. As per CWC network water levels in Brahmaputra and its tributaries are mostly in falling to steady stage in upper and middle reaches and rising stage in mostly in lower most districts of Assam.

Since very heavy rainfall is expected in districts **Dim Hasao**, hence water level rise is expected in Barak, Kushiyara and other small rivers flowing through above said district.

Sub-Himalayan West Bengal

Present Flood situation in the state as per CWC network

Sl. No.	CWC Site	District	River	Flood Type	Trend
1	Jaldhaka NH-31	Jalpaiguri	Jaldhaka	Above Normal	Steady
2	Mekhliganj	Coochbihar	Teesta	Above Normal	Falling

IMD has predicted very heavy rainfall in Sikkim and in districts such as **Darjeeling, Jalpaiguri, Alipurduar, Coochbihar** hence water level rise is expected in rivers such as Jaldhaka, Raidak-1 and Teesta in above said districts.

Rajasthan

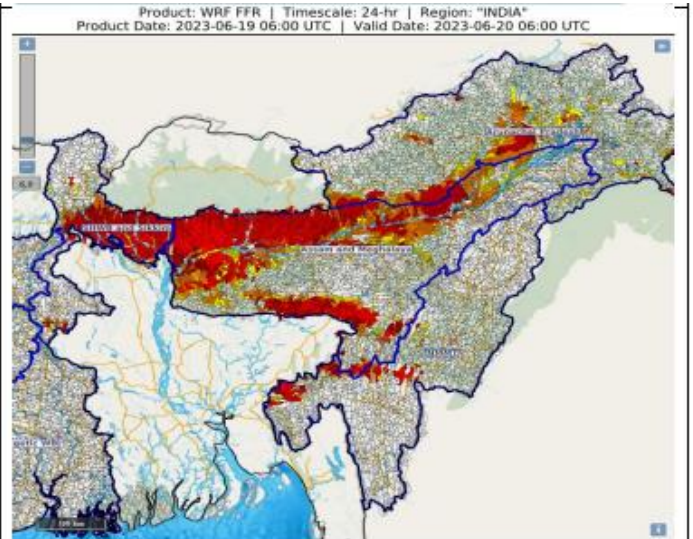
Due to passage of remnants of cyclonic storm 'Biporjoy', extremely heavy rains has occurred in south Rajasthan and expected to occur in districts **Jaipur, Tonk, Bhilwara, Chittorgarh, Bundi, Kota** districts hence alert may be kept for water level rise in rivers such as Chambal, Banas and other small rivers in above said districts.

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-06-2023 :

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

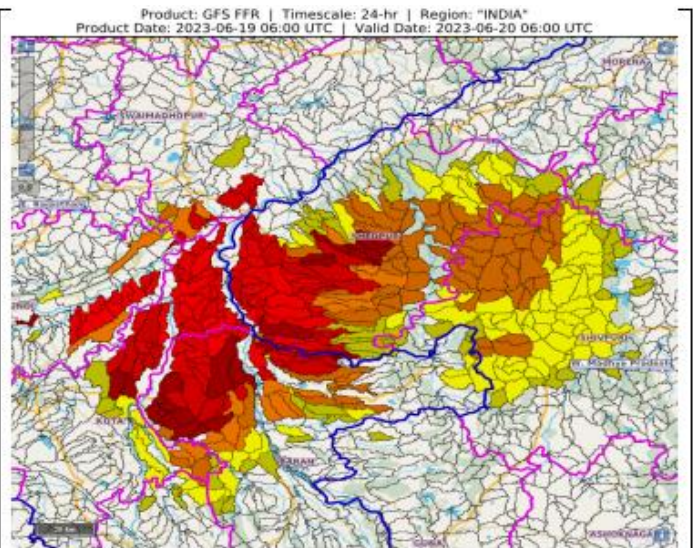
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-06-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **East Rajasthan** Met Sub-division: **Sawaimadhopur, Karauli Bundi, Baran, Kota, Dausa, Tonk districts** and **West Madhya Pradesh** Met Sub-division: **Sheopur, Morena districts** 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.



3.0 Advisory Flood Forecast for next 5-days

The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	20-06-2023	21-06-2023	22-06-2023	23-06-2023	24-06-2023
1	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	AN	S	S	S	S
2	DHARAMTUL	KOPILI	MARIGAON	Assam	AN	AN	S	S	S
3	KAMPUR	KOPILI	NAGAON	Assam	S	S	S	S	S
4	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	N	AN	AN	AN	AN
5	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	N	AN	AN	N	N
6	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	N	N
7	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
8	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	N
9	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	N	AN	AN	AN	N
10	MANAS N H CROSSING	MANAS	BONGAIGAON	Assam	AN	N	AN	N	N
11	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	AN	AN
12	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	AN	AN	AN	N
13	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	AN	AN	AN
14	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	AN
15	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	AN	AN	AN	AN	AN
16	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	AN	N	AN	N	N
17	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	N	N	N	N
18	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	N	N	AN	AN	AN
19	SUBHASH BRIDGE	SABARMATI	Ahmedabad	Gujarat	AN	N	N	N	N
20	ARARIA	PARMAN	ARARIA	Bihar	N	AN	AN	AN	AN
21	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	N	N	N	N
22	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	N	N	N	N
23	TUFANGANJ	RAIDAK-I	KOCHBIHAR	West Bengal	AN	N	N	N	N
24	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	N	N	N	N

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 19th June 2023

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				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Pulichinthala	Krishna/Lower Krishna/ Krishna	AP	Nalgonda(Tel)/Guntoor,Krishna (AP)					
2	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
4	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
5	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
6	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
7	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					

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.