



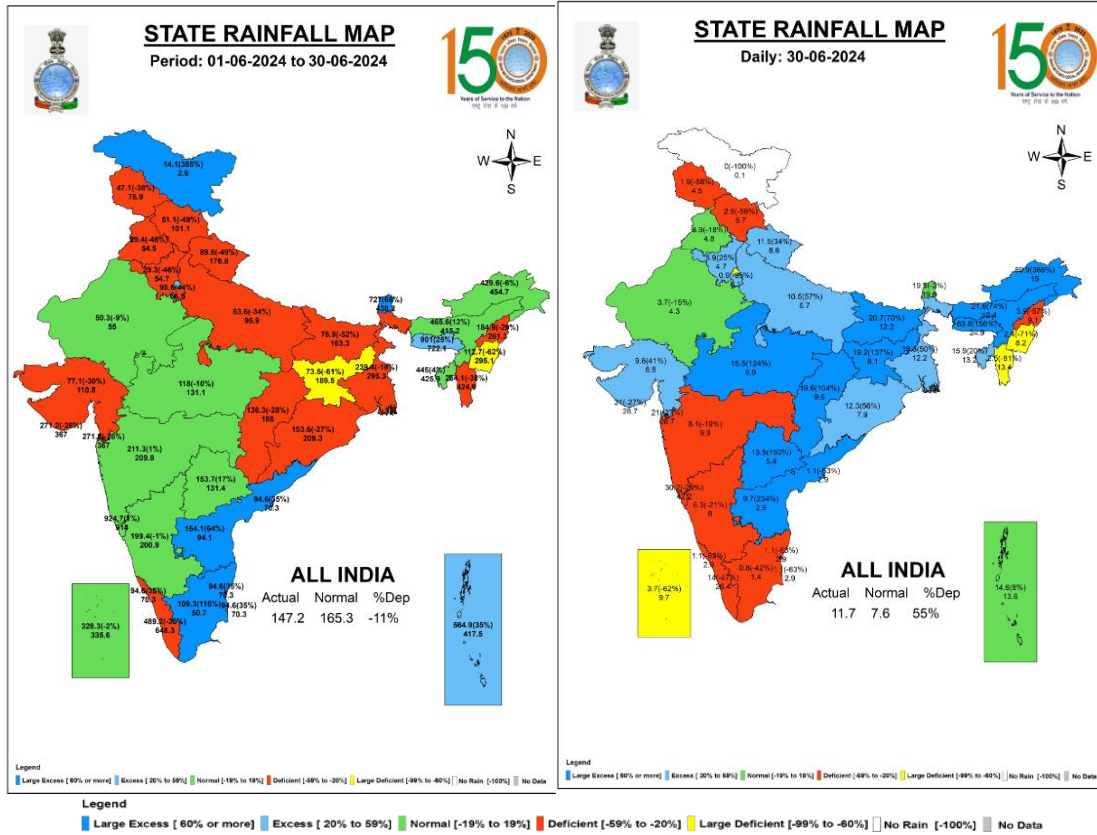
Central Water Commission

Daily Flood Situation Report cum Advisories

30-06-2024

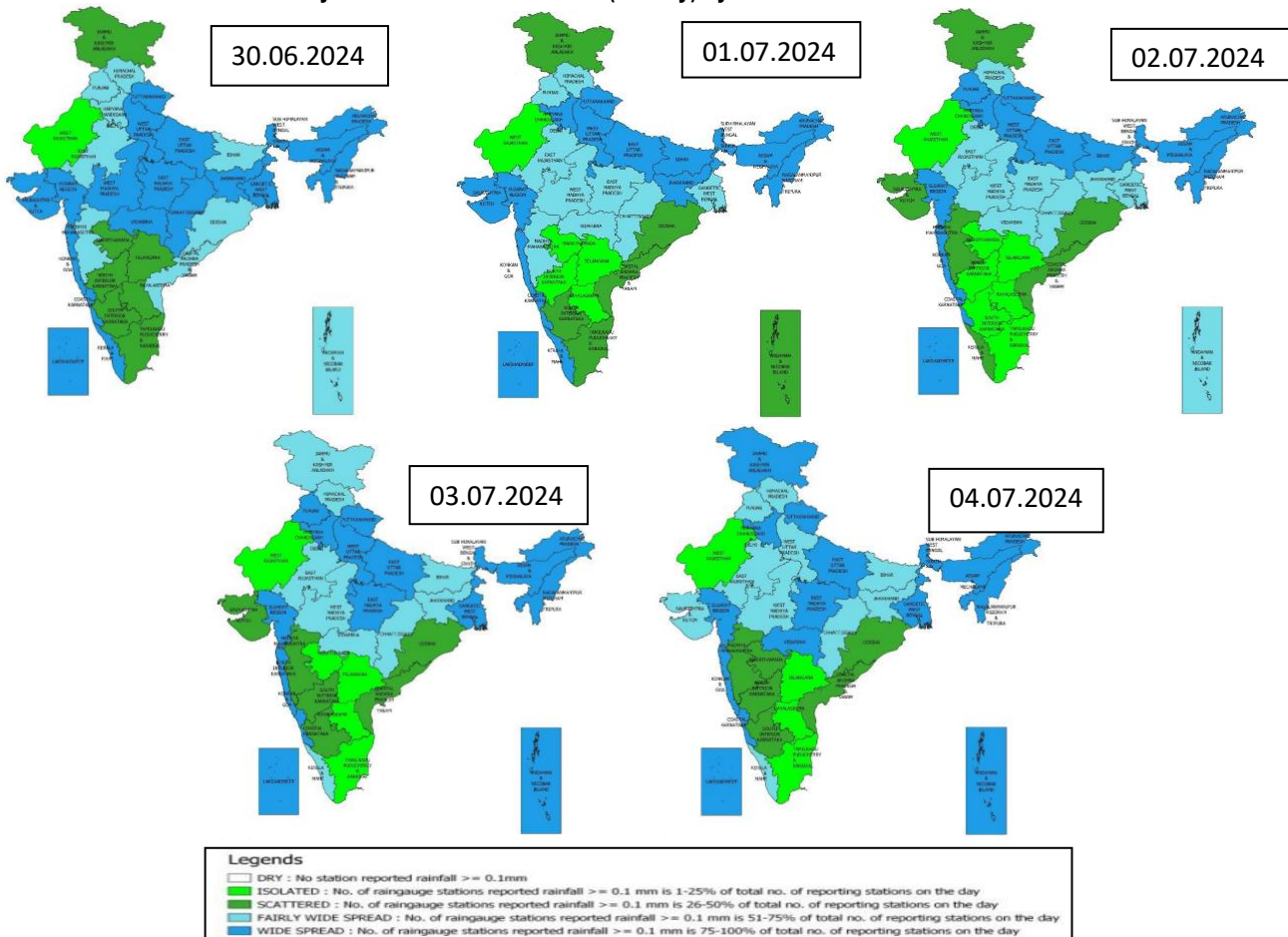
1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



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 30th June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

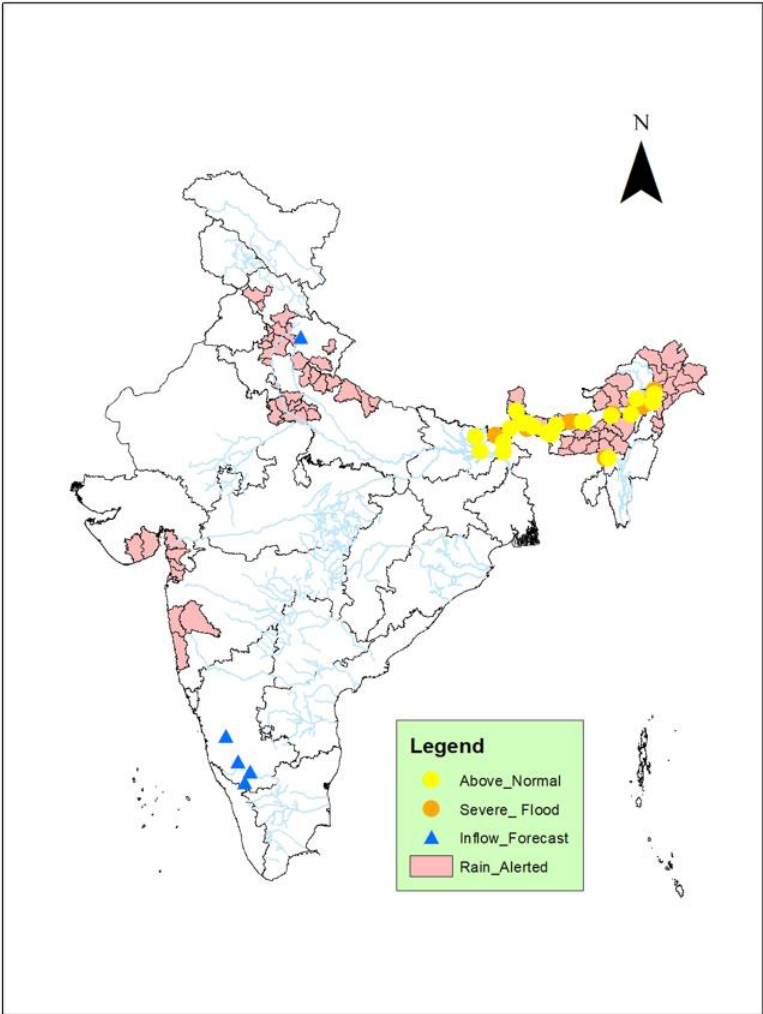
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 30th June 2024, 7 Station in Assam, 1 Station in Bihar, 1 Station in West Bengal are flowing in Severe Flood Situation, 19stations (11 in Assam, 5 in Bihar, 2 in West Bengal and 1 in Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 5 Dam and Barrages (4 in Karnataka and 1 in Uttarakhand)

FLOOD SITUATION SUMMARY			
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(7), Bihar(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(11), Bihar(5), Sikkim(1), West Bengal(2)	19
Total number of sites above Warning Level (A+B+C)			28
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(4), Uttarakhand(1)	5

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb30.06.2024_5.pdf

Flood Situation Map

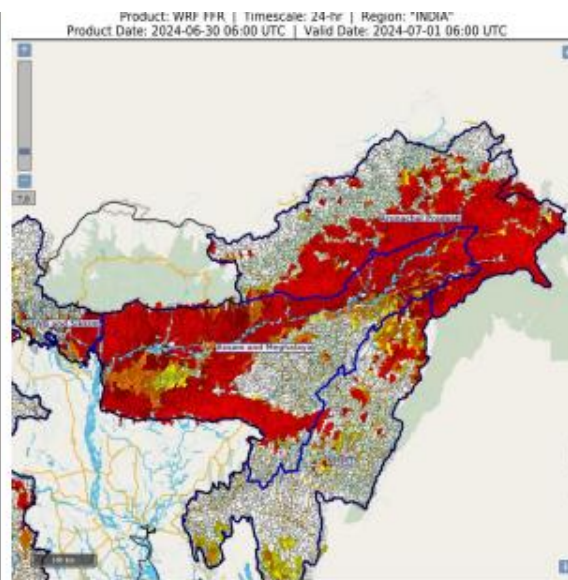


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01-07-2024 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of Arunachal Pradesh & adjoining Assam & Meghalaya and Sub-Himalayan West Bengal & 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.



2.3 CWC Advisories

Main Synoptic Feature

- A cyclonic circulation lies over southeast Pakistan adjoining Kutch in lower tropospheric levels. A cyclonic circulation lies over north Gujarat & neighbourhood in middle tropospheric levels. The off-shore trough at mean sea level along Maharashtra- Kerala coasts. Under their influence: **Isolated very heavy rainfall very likely over Saurashtra & Kutch on 30th June; Gujarat Region, Madhya Maharashtra on 30th June & 01st July; Konkan & Goa on 30th June, 01st & 04th July.**
- A cyclonic circulation lies over east Jharkhand and another over northeast Assam in lower tropospheric levels. A trough runs from West Assam to North Odisha in lower tropospheric levels. A cyclonic circulation lies over central Madhya Pradesh and a trough runs from northeast Arabian Sea off south Gujarat coast to northwest Bihar across this cyclonic circulation in middle tropospheric levels. Under their influence;
 - Isolated very heavy rainfall likely over Himachal Pradesh during 30th June-02nd July; Uttarakhand during 30th June - 04th July; Punjab on 01st & 02nd July; Haryana-Chandigarh & Uttar Pradesh during 30th June-03rd July; East Rajasthan on 30th June & 01st July; Sub-Himalayan West Bengal & Sikkim on 01st & 03rd July, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 30th June-4th July and over Bihar during 30th June-02nd July.**
 - Isolated extremely heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya on 30th June; Arunachal Pradesh on 30th June & 01st July.**

Assam

Due to very heavy to extremely heavy rainfall scenario existing in Assam and Arunachal Pradesh all regions of Brahmaputra river in Assam is expected to get increased runoff. Hence water level rise is expected in rivers Siang, Dibang, Lohit, Buridihing, Subansiri, Dikhow of Upper Brahmaputra and in rivers Champamati, Aie, Gaurang, Sankosh, Pagladiya, Beki, Puthimari, Ranganadi, Manas, Kopili, Jiabharali of lower and middle Brahmaputra for next 24 hrs. Flood like situations are also expected in some of the said rivers. Brahmaputra is flowing in Jorhat district (Neamatighat CWC site) in extreme flood situation with steady trends in water level. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Neamatighat	Brahmaputra	Jorhat	Extreme	Steady
NT Rd Crossing Jia Bharali	Jiabharali	Sonitpur	Severe	Rising

Dibrugarh	Brahmaputra	Dibrugarh	Severe	Steady
Karimganj	Kushiyara	Karimganj	Severe	Steady
Beki Rd Bridge	Beki	Barpeta	Severe	Steady
Badatighat	Subansiri	Lakhimpur	Severe	Rising
Sivasagar	Dikhow	Sivsagar	Severe	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Steady
Badarpur ghat	Buridehing	Tinsukiya	Above Normal	Rising
Chenimari	Brahmaputra	Dhubri	Above Normal	Rising
Golakganj	Sankosh	Dhubri	Above Normal	Rising
Kokrajhar	Gaurang	Kokrajhar	Above Normal	Rising
Nanglamoraghat	Desang	Sivsagar	Above Normal	Rising
Numaligarh	Dhansiri(Sou th)	Golaghat	Above Normal	Steady
Pagladiya NT Road Crossing	Pagladiya	Nalbari	Above Normal	Rising
Puthimari NH RD Xing	Puthimari	Kampur	Above Normal	Rising
Ranganadi NT Road Crossing	Ranganadi	Lakhimpur	Above Normal	Falling
Tezpur	Brahmaputra	Sonitpur	Above Normal	Rising

West Bengal & Sikkim

Water level rise is expected in rivers Teesta, Jaldhaka, Torsa, Raidak 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	Severe	Rising
Melli	Teesta	Namchi	Above Normal	Falling
Jaldhaka NH-31	Jaldhaka	Jalpaiguri	Above Normal	Falling
Domohani	Teesta	Jalpaiguri	Above Normal	Steady

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	Steady
Dhengraghat	Mahananda	Purnia	Above Normal	Falling
Baltara	Kosi	Khagaria	Above Normal	Rising
Basua	Kosi	Supaul	Above Normal	Rising
Jhawa	Mahananda	Katihar	Above Normal	Rising
Taibpur	Mahananda	Kishanganj	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	01-07-2024	02-07-2024	03-07-2024	04-07-2024	05-07-2024	06-07-2024	07-07-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	AN	S	E	E	E	E	E
2	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	S	E	E	E	E	E
3	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	E	E	E	E	E
5	DHARAMTUL	KOPILI	MARIGAON	Assam	AN	S	E	E	S	S	S
6	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	S	E	E	E	S	AN	AN
7	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	S	E	E	E	E	E	E
8	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	E	E	E	S	S	AN	AN
9	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	E	E	S	S	S	S	S
10	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	S	E	E	S	S	S	S
11	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	S	E	E	E	S	S	S
12	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	E	E	E	E	S	AN	S
13	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	E	E	E	S	S	S
14	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	E	E	S	S
17	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	S	AN	S	S	E	E	S
18	MELLI	TEESTA	SOUTH DISTRICT	Sikkim	AN	AN	S	S	E	E	E
19	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	S	S	S	AN	AN	AN	AN
20	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	AN	AN	AN	AN	AN	AN
21	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	S	S	AN	AN	AN	AN	AN
22	GOLAGHAT	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	S	S	S	AN	AN	S
26	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	S	S	S	S	S	S	S
27	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	AN	S	S	S	S	S	S
28	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	AN	S	AN	AN	AN	AN
30	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN	S	S
31	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	AN	S	S	S
32	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	S	S	S	S	S	S	S

34	JHAWA	MAHANANDA	KATIHAR	Bihar	AN	AN	AN	S	S	S	S
38	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	AN	S	S	S
39	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	AN	AN	S	S
41	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	AN	S	S	AN	S	AN
45	BALTARA	KOSI	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
46	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
49	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
51	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	AN	AN	AN	AN	AN	AN	AN
54	GOLOKGANJ	SANKOSH	DHUBRI	Assam	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 30th 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/DSDistrict	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1	Thottapalli Reservoir	Nagavali/Nagavali& Others/ERF (Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
2	Gotta Barrage	Vamsadhara/Vamsadhara/EFR(Mahanadi to Pennar)	Andhra Pradesh	Srikakulam					
3	Sunkesula Barrage	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
4	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
5	Hippargi Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
6	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
7	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
8	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
9	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
10	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