



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBD
05.08.2020

1.0 Rainfall Situation

Chief Amount of rainfall recorded at 0830 hours IST of today (50 mm or more) as per IMD

Name of Place(State)	Rainfall (in mm)
Mahabaleshwar	320.9
Koyna	241
Agumbe	207
Warana	140

2.0 SYNOPTIC SITUATION: as per IMD dated: 05.08.2020

The well marked low pressure area over northwest Bay of Bengal off north Odisha- West Bengal coasts now lies over Northwest Bay of Bengal adjoining north Odisha and West Bengal coasts with the associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height.

A trough runs from south Gujarat to the cyclonic circulation associated with the well marked low pressure area across south Chhattisgarh, Vidarbha and north Madhya Maharashtra between 5.8 & 7.6 km above mean sea level.

The monsoon trough at mean sea level now passes through Bikaner, Jaipur, Gwalior, Siddhi, Daltonganj, centre of well marked low pressure area over Northwest Bay of Bengal adjoining north Odisha and West Bengal coasts and thence southeastwards to Eastcentral Bay of Bengal and extends upto 0.9 km above mean sea level.

3.0 Rainfall forecast for next 5 days issued on 05th Aug 2020 (Midday) by IMD

05th Aug 2020



06th Aug 2020



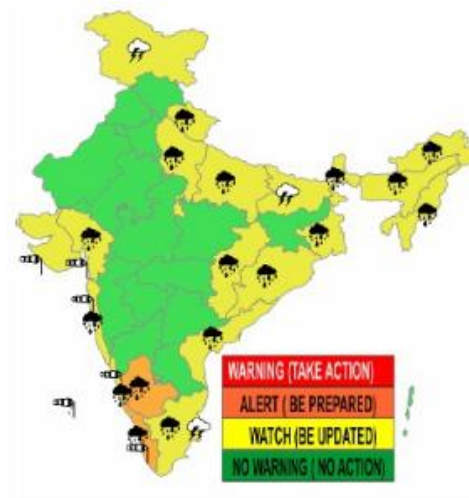
07th Aug 2020



08th Aug 2020



09th Aug 2020



There is no heavy Rainfall warning in Basin states fo of Krishna Basin hence no flood situation for next five days.



4.0 QPF of Basin/Sub-Basin as per IMD dated: 05.08.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 06.08.2020	Day-2 Valid till 0830 hrs IST of 07.08.2020	Day-3 Valid till 0830 hrs IST of 08.08.2020
1	Krishna	Ghataprabha	11-25	11-25	11-25
2		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3		Lower Bhima	38-50	11-25	0.1-10
4		Lower Tungabhadra	0.1-10	0.1-10	0.1-10
5		Middle Krishna	26-37	0.1-10	0.1-10
6		Middle Tungabhadra	11-25	0.1-10	0.1-10
7		Upper Bhima	51-75	11-25	0.1-10
8		Upper Krishna	51-75	38-50	26-37
9		Upper Tungabhadra	51-75	51-75	38-50
10		Lower krishna	0.1-10	0.1-10	0.1-10
11		Musi	11-25	0.1-10	0.1-10
12		Paleru	0.1-10	0.1-10	0.1-10
13		Munneru	0.1-10	0.1-10	0.1-10

5.0 Flood Situation & Advisories as per Actual/ Forecasted Rainfall

FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	00
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	00
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	00
Total number of sites above Warning Level (A+B+C)		00
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		02

Reservoirs / Barrage Inflow Forecast:										
Reservoir/Barrage receiving Inflow more than the Threshold limit										
Name of River	Flood Forecasting Site	District	State	FRL (m)	Actual Level			Forecast		
					Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date
Koyna	Koyna Dam	Satara	Maharashtra	659.43	645.85	8.00	R	4000	R	05/08/2020 20:00
Warana	Warana Dam	Kolhapur	Maharashtra	626.90	617.90	8.00	R	900	R	05/08/2020 20:00

Advisory Inflow Forecast for Almatti Dam

Due to very heavy rainfall in the upper Krishna basin, heavy inflows (58,000 Cusec) are observed in Hippargi Barrage, giving rise to higher outflow thereafter. Subsequently heavy inflows are expected at Almatti Dam next 24 hours (Due to flows from Krishna (Hippargi Barrage Outflow), Doodhganga (Sadurga Site), Panchaganga, Ghataprabha (Gokak Site) which may lead to cross its threshold limit. Hence, Dam Authorities may monitor the situation and accordingly operate the releases.

Advisory Inflow Forecast for Narayanpur Dam

Due to very heavy rainfall in the upper Krishna basin, heavy inflows are expected in Almatti Dam on 6th August 2020, giving rise to higher outflow thereafter. Subsequently heavy inflows are expected at Narayanpur Dam, which may lead to cross its threshold limit (based on the Almatti Dam's releases). Hence, Dam Authorities may monitor the situation and accordingly operate the releases.