



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
15.08.2022

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	63.0
Koyna	60.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 15.08.2022

The depression over North Chhattisgarh and neighbourhood moved westnorthwestwards with a speed of 25 kmph during last 6 hours and lay centered at 0830 hours IST of 15th August over Northwest Chhattisgarh and adjoining East Madhya Pradesh near latitude 22.6°N and longitude 82.0°E, about 20 km southwest of Pendra Road (Chhattisgarh), 170 km east of Mandla (Madhya Pradesh) and 220 km east of Jabalpur (Madhya Pradesh). It is very likely to continue to move west-northwestwards and weaken gradually during next 12 hours.

The Low Pressure Area over Northeast & adjoining Northwest Arabian Sea now lies over Northeast Arabian Sea & adjoining south Pakistan with the associated cyclonic circulation extending upto mid tropospheric levels.

The monsoon trough at mean sea level now passes through Jaisalmer, Guna, Sagar, centre of depression over Northwest Chhattisgarh and adjoining East Madhya Pradesh, Balasore and thence east-southeastwards to Northeast Bay of Bengal and extends upto 1.5 km above mean sea level.

The off-shore trough at mean sea level along south Gujarat and Maharashtra coasts persists.

A north-south trough runs from North Interior Karnataka to Comorin area across South Interior Karnataka and Tamil Nadu at 1.5 km above mean sea level.

The trough from Westcentral Arabian Sea to central Pakistan across the Low Pressure Area over northeast & adjoining northwest Arabian Sea between 3.1 km & 4.5 km above mean sea level has become less marked.

3.0 Rainfall forecast for next 5 days issued on 15th August 2022 (Midday) by IMD

15-08-2022



16-08-2022



17-08-2022



18-08-2022



19-08-2022



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: 15.08.2022

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 15.08.2022	Day-2 Valid till 0830 hrs IST of 16.08.2022	Day-3 Valid till 0830 hrs IST of 17.08.2022
1	Krishna	Ghataprabha	0.1-10	0.1-10	0.1-10
2.		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3.		Lower Bhima	0.1-10	0.1-10	0.1-10
4.		Lower Tungabhadra	0.1-10	0.1-10	0.1-10
5.		Middle Krishna	0.1-10	0.1-10	0.1-10
6.		Middle Tungabhadra	0.1-10	0.1-10	0.1-10
7.		Upper Bhima	11-25	0.1-10	0.1-10
8.		Upper Krishna	11-25	0.1-10	0.1-10
9.		Upper Tungabhadra	0.1-10	0.1-10	0.1-10
10		Lower Krishna	0.1-10	0.1-10	0.1-10
11		Musi	0.1-10	0.1-10	0.1-10
12		Paleru	11-25	0.1-10	0.1-10
13		Munneru	26-37	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)	01
Total number of sites above Warning Level (A+B+C)		01
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)		13

Reservoir/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	657.00	8.00	R	1000	F	16-08-2022 08:00	
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	524.40	8.00	R	5000	F	16-08-2022 08:00	
Krishna	Almatti Dam	Bagalkot	Karnataka	519.60	518.20	8.00	F	6000	F	15-08-2022 20:00	
Krishna	Narayanpur Dam	Yadgir	Karnataka	492.25	490.82	8.00	R	6300	S	15-08-2022 20:00	
Nira	Veer Dam	Satara	Maharashtra	579.85	579.42	8.00	F	500	F	15-08-2022 20:00	
Bhima	Ujjaini Dam	Solapur	Maharashtra	497.33	497.07	8.00	F	1400	S	16-08-2022 08:00	
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	317.60	8.00	R	8500	R	15-08-2022 18:00	
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.80	8.00	R	2100	F	15-08-2022 20:00	
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	497.58	8.00	R	2400	F	15-08-2022 20:00	
Tungabhadra	Sunkesula Barrage	Kurnool	Andhra Pradesh	292.00	290.80	8.00	R	2400	F	15-08-2022 18:00	
Krishna	Srisailem Dam	Kurnool	Andhra Pradesh	269.75	269.63	8.00	S	12000	S	15-08-2022 18:00	
Krishna	Pulichintala Proj.	Guntur	Andhra Pradesh	53.34	51.44	8.00	R	8000	S	15-08-2022 18:00	
Krishna	Prakasam Barrage	Krishna	Andhra Pradesh	17.39	17.39	8.00	S	8000	S	15-08-2022 18:00	
DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES											
Above Normal Flood Situation:											
Site (s)where water level is touching or exceeding the Warning Level but below Danger Level)											
Name of River	Flood Forecasting Site	District	State	Warning Level (m)	Danger Level (m)	Actual Level			Forecast		
						Level (m)	Time	Trend	Level (m)	Trend	Date
Tungabhadra	Mantralayam	Kurnool	Andhra Pradesh	310.00	312.00	311.05	8.00	F	310.70	F	15-08-2022 18:00