



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
13.09.2021

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	92.0
Agumbe	72.6
Koyna	65.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 13.09.2021

- ◆ SOUTHWEST MONSOON WAS ACTIVE OVER COASTAL KARNATAKA AND SOUTH INTERIOR KARNATAKA.
- ◆ THE DEEP DEPRESSION OVER NORTH COASTAL ODISHA MOVED FURTHER WEST-NORTHWESTWARDS DURING PAST 6 HOURS WITH A SPEED OF 12 KMPH AND LAY CENTRED AT 0830 HRS IST OF TODAY, THE 13TH SEPTEMBER, 2021, OVER NORTH COASTAL ODISHA, NEAR LATITUDE 20.9°N AND LONGITUDE 86.5°E, ABOUT 20 KM WEST-NORTHWEST OF CHANDBALI AND 120KM EAST-SOUTHEAST OF KEONJHARGARH (ODISHA). IT IS VERY LIKELY TO CONTINUE TO MOVE WEST-NORTHWESTWARDS ACROSS NORTH ODISHA, NORTH CHHATTISGARH & MADHYA PRADESH DURING NEXT 48 HOURS. IT IS VERY LIKELY TO WEAKEN INTO A DEPRESSION DURING NEXT 24 HOURS.
- ◆ THE LOW PRESSURE AREA OVER SOUTH GUJARAT REGION & NEIGHBOURHOOD WITH THE ASSOCIATED CYCLONIC CIRCULATION EXTENDING UPTO 5.8 KM ABOVE MEAN SEA LEVEL TILTING SOUTHWESTWARDS WITH HEIGHT PERSISTS.
- ◆ THE WESTERN DISTURBANCE AS A TROUGH IN MID-TROPOSPHERIC WESTERLIES WITH ITS AXIS AT 5.8 KM ABOVE MEAN SEA LEVEL NOW RUNS ROUGHLY ALONG LONG. 72°E TO THE NORTH OF LAT. 30°N.

3.0 Rainfall forecast for next 5 days issued on 13th September 2021 (Midday) by IMD

13-09-2021



14-09-2021



15-09-2021



16-09-2021



17-09-2021



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



4.0 QPF of Basin/Sub-Basin as per IMD dated: 13.09.2021

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 13.09.2021	Day-2 Valid till 0830 hrs IST of 14.09.2021	Day-3 Valid till 0830 hrs IST of 15.09.2021
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 Bh ma	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	11-25	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	0.1-10	0.1-10	0.1-10
13		Munneru	11-25	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)		11

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	659.26	8.00	R	1000	S	14/09/2021 8:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	524.00	8.00	F	1800	R	14/09/2021 8:00
Krishna	Almatti Dam	Bagalkot	Karnataka	519.60	519.57	8.00	F	1800	R	13/09/2021 20:00
Krishna	Narayanpur Dam	Yadgir	Karnataka	492.25	492.12	8.00	R	1750	R	13/09/2021 20:00
Nira	Veer Dam	Satara	Maharashtra	579.85	579.27	8.00	R	700	S	13/09/2021 20:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	318.26	8.00	R	2000	S	13/09/2021 18:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.80	8.00	S	425	R	13/09/2021 20:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	497.70	8.00	S	425	R	13/09/2021 20:00
Tungabhadra	Sunkesula Barrage	Kurnool	Andhra Pradesh	292.00	291.52	8.00	R	550	S	13/09/2021 18:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	268.71	8.00	S	2500	S	13/09/2021 18:00
Krishna	Pulichintala Proj.	Guntur	Andhra Pradesh	53.34	50.54	8.00	R	700	S	13/09/2021 18:00