



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
20.07.2021

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	113.0
Koyna	89.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 20.07.2021

- ◆ SOUTHWEST MONSOON WAS VIGAROUS OVER NORTH INTERIOR KARNATAKA ACTIVE OVER SOUTH INTERIOR KARNATAKA NORMAL OVER COASTAL KARNATAKA.
- ◆ THE MONSOON TROUGH AT MEAN SEA LEVEL NOW PASSES THROUGH GANGANAGAR, DELHI, HARDOI, DALTONGANJ, MEDINIPUR AND THENCE SOUTHEASTWARDS TO NORTH BAY OF BENGAL AND EXTENDS UPTO 0.9 KM ABOVE MEAN SEA LEVEL THE OFF SHORE TROUGH AT MEAN SEA LEVEL FROM MAHARASHTRA COAST TO KARNATAKA COAST PERSISTS.
- ◆ THE EASTWEST SHEAR ZONE NOW RUNS ROUGHLY ALONG LAT.18°N BETWEEN 4.5 KM & 5.8 KM ABOVE MEAN SEA LEVEL TILTING SOUTHWARDS WITH HEIGHT.
- ◆ A LOW PRESSURE AREA IS LIKELY TO FORM OVER NORTHWEST BAY OF BENGAL & NEIGHBOURHOOD AROUND 23RD JULY.

3.0 Rainfall forecast for next 5 days issued on 20th July 2021 (Midday) by IMD

20-07-2021



21-07-2021



23-07-2021



22-07-2021



24-07-2021



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: 20.07.2021

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 20.07.2021	Day-2 Valid till 0830 hrs IST of 21.07.2021	Day-3 Valid till 0830 hrs IST of 22.07.2021
1	Krishna	Ghataprabha	11-25	0.1-10	0.1-10
2		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3.		Lower Bh ma	11-25	11-25	11-25
4.		Lower Tungabhadra	11-25	0.1-10	0.1-10
5.		Middle Krishna	11-25	11-25	11-25
6.		Middle Tungabhadra	11-25	0.1-10	11-25
7.		Upper Bhima	11-25	11-25	11-25
8.		Upper Krishna	11-25	11-25	11-25
9.		Upper Tungabhadra	0.1-10	0.1-10	11-25
10		Lower Krishna	0.1-10	0.1-10	0.1-10
11		Musi	0.1-10	0.1-10	11-25
12		Paleru	0.1-10	0.1-10	11-25
13		Munneru	0.1-10	11-25	11-25

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)		05

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	643.69	8.00	R	1000	S	21/07/2021 8:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	317.69	8.00	F	3200	F	20/07/2021 18:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.85	8.00	S	1550	R	20/07/2021 20:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	493.30	8.00	R	1550	R	20/07/2021 20:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	254.17	8.00	R	4000	R	20/07/2021 18:00