



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
19.07.2021

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)
Agumbe	86.2
Polampalli	72.4
Mahabaleshwar	67.0
Huvinhedigi	54.4

2.0 SYNOPTIC SITUATION: as per IMD dated: 19.07.2021

- SOUTHWEST MONSOON WAS VIGOROUS OVER NORTH INTERIOR KARNATAKA; ACTIVE OVER SOUTHINTERIOR KARNATAKA AND NORMAL OVER COASTAL KARNATAKA.
- THE MONSOON TROUGH AT MEAN SEA LEVEL NOW PASSES THROUGH GANGANAGAR, NARNAUL, GWALIOR, CHURK, GAYA, BEHRAMPORE AND THENCE EASTWARDS TO MANIPUR 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 EAST-WEST SHEAR ZONE ROUGHLY ALONG LAT.17°N PERSISTS AND NOW SEEN BETWEEN 4.5 KM & 5.8 KM ABOVE MEAN SEA LEVEL TILTING SOUTHWARDS WITH HEIGHT.
- THE NORTH-SOUTH TROUGH AT 0.9 KM ABOVE MEAN SEA LEVEL FROM CENTRAL MADHYA PRADESH TO SOUTH TAMILNADU ACROSS VIDARBHA, TELANGANA AND RAYALASEEMA HAS BECOME LESS MARKED.
- THE CYCLONIC CIRCULATION OVER NORTH COASTAL ANDHRA PRADESH & NEIGHBOURHOOD AT 1.5 KM ABOVE MEAN SEA LEVEL HAS BECOME LESS MARKED.
- 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 19th July 2021 (Midday) by IMD

19-07-2021



20-07-2021



21-07-2021



22-07-2021



23-07-2021



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: 19.07.2021

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 19.07.2021	Day-2 Valid till 0830 hrs IST of 20.07.2021	Day-3 Valid till 0830 hrs IST of 21.07.2021
1	Krishna	Ghataprabha	11-25	0.1-10	0.1-10
2		Hagari/Vedavati	11-25	11-25	11-25
3.		Lower Bh ma	11-25	0.1-10	0.1-10
4.		Lower Tungabhadra	11-25	0.1-10	0.1-10
5.		Middle Krishna	11-25	0.1-10	0.1-10
6.		Middle Tungabhadra	11-25	11-25	11-25
7.		Upper Bhima	11-25	11-25	26-37
8.		Upper Krishna	11-25	11-25	26-37
9.		Upper Tungabhadra	11-25	11-25	11-25
10		Lower Krishna	11-25	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)		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
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	521.60	8.00	R	1415	S	20/07/2021 8:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	318.15	8.00	R	3000	R	19/07/2021 18:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.85	8.00	S	1300	R	19/07/2021 20:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	492.86	8.00	R	1300	R	19/07/2021 20:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	251.76	8.00	R	2800	R	19/07/2021 18:00