



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
15.07.2021

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	158.4
Valigonda	117.0
Musi Project	62.0
Mahabaleshwar	57.0
Koyna	52.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 15.07.2021

- ♦ The axis of Monsoon Trough at mean sea level now passes through Amreli, Surat, Buldana, Adilabad, Jagdalpur, Vishakhapatnam and thence eastsoutheastwards to Eastcentral Bay of Bengal and extends upto 1.5 km above mean sea level.
- ♦ The eastwest shear zone roughly along Lat. 19°N persists and now seen between 2.1 km & 7.6 km above mean sea level tilting southwards with height. The Low Pressure Area over coastal areas of Kutch & neighbourhood has become less marked.
- ♦ The associated cyclonic circulation extending upto 3.1 km above mean sea level has merged with the monsoon trough and the eastwest shear zone.
- ♦ The cyclonic circulation over south Chhattisgarh & neighbourhood now lies over east Vidarbha & neighbourhood and extends upto 4.5 km above mean sea level tilting southwestwards with height.
- ♦ The offshore trough at mean sea level off KarnatakaKerala coasts persists.
- ♦ The cyclonic circulation over central Assam & neighbourhood extending upto 1.5 km above mean sea level has become less marked.
- ♦ The trough from the cyclonic circulation associated with yesterday's Low Pressure Area over coastal areas of Kutch & neighbourhood to northwest Rajasthan at 0.9 km above mean sea level has become less marked.

3.0 Rainfall forecast for next 5 days issued on 15th July 2021 (Midday) by IMD

15-07-2021



16-07-2021



18-07-2021



17-07-2021



19-07-2021



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: 15.07.2021

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 15.07.2021	Day-2 Valid till 0830 hrs IST of 16.07.2021	Day-3 Valid till 0830 hrs IST of 17.07.2021
1	Krishna	Ghataprabha	0.1-10	0.1-10	11-25
2		Hagari/Vedavati	11-25	11-25	11-25
3.		Lower Bh ma	11-25	11-25	11-25
4.		Lower Tungabhadra	0.1-10	0.1-10	0.1-10
5.		Middle Krishna	0.1-10	0.1-10	11-25
6.		Middle Tungabhadra	11-25	11-25	11-25
7.		Upper Bhima	11-25	11-25	11-25
8.		Upper Krishna	11-25	11-25	11-25
9.		Upper Tungabhadra	38-50	38-50	38-50
10		Lower Krishna	11-25	11-25	11-25
11		Musi	26-37	11-25	11-25
12		Paleru	11-25	11-25	11-25
13		Munneru	11-25	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)		03

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	520.65	8.00	F	1600	R	16/07/2021 8:00
Krishna	Almatti Dam	Bagalkot	Karnataka	519.60	517.68	8.00	R	1450	R	15/07/2021 20:00
Musi	Musi Project	Nalgonda	Telangana	196.60	195.47	8.00	R	500	R	15/07/2021 18:00