



**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**Lower Krishna Division, KGBD**  
**15.09.2020**

## **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)
Munugodu	89.6

## **2.0 SYNOPTIC SITUATION: as per IMD dated: 15.09.2020**

The Well Marked Low Pressure Area over Westcentral Bay of Bengal & adjoining north Andhra Pradesh coast now lies as a Low Pressure Area over the same region with associated cyclonic circulation extending upto midtropospheric levels tilting southwestwards with height.

A cyclonic circulation lies over south Gujarat Region & neighbourhood at 1.5 km above mean sea level.

A trough extends from the above low pressure area to the cyclonic circulation over south Gujarat Region between 1.5 km & 5.8 km above mean sea level tilting southwards with height across Telangana, Marathwada and north Madhya Maharashtra.

An east- west shear zone between 3.1 km & 5.8 km above mean sea level runs roughly along Lat. 15°N.

The Monsoon Trough at mean sea level now passes through Bikaner, Guna, Nagpur, Jagdalpur and thence southeastwards to the centre of low pressure area over Westcentral Bay of Bengal & adjoining north Andhra Pradesh coast.

The off- shore trough at mean sea level from south Gujarat coast to north Karnataka coast has become less marked.

The cyclonic circulation over east Vidarbha & adjoining Chhattisgarh extending upto 0.9 km above mean sea level has become less marked.

### 3.0 Rainfall forecast for next 5 days issued on 15<sup>th</sup> Sept 2020 (Midday) by IMD

15<sup>th</sup> Sept 2020



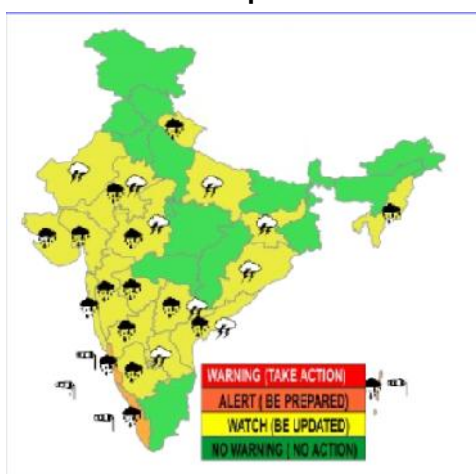
16<sup>th</sup> Sept 2020



17<sup>th</sup> Sept 2020



18<sup>th</sup> Sept 2020



19<sup>th</sup> Sept 2020



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:15.09.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 16.09.2020	Day-2 Valid till 0830 hrs IST of 17.09.2020	Day-3 Valid till 0830 hrs IST of 18.09.2020
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	11-25	11-25	11-25
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	0.1-10	0.1-10	0.1-10
7.		Upper Bhima	11-25	11-25	11-25
8.		Upper Krishna	0.1-10	0.1-10	0.1-10
9.		Upper Tungabhadra	0.1-10	0.1-10	0.1-10
10		Lower Krishna	26-37	11-25	11-25
11		Musi	11-25	11-25	0.1-10
12		Paleru	26-37	11-25	0.1-10
13		Munneru	26-37	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
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	318.32	8.00	F	2750	F	15/09/2020 18:00
Tungabhadra	Sunkesula Barrage	Kurnool	Andhra Pradesh	292.00	291.15	8.00	R	840	F	15/09/2020 18:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	269.60	8.00	S	4900	F	15/09/2020 18:00
Krishna	Pulichintala Proj.	Guntur	Andhra Pradesh	53.34	53.08	8.00	R	8000	S	15/09/2020 18:00
Krishna	Prakasam Barrage	Krishna	Andhra Pradesh	17.39	17.27	8.00	R	9000	R	15/09/2020 18:00

### **Advisory for Veer and Ujjani Dam**

Heavy rainfall warning is issued by IMD for Madhya Maharashtra today. It is observed that, most of the dams above Veer and Ujjani Dam are filled and are almost at FRL (including the above mentioned dams). Subsequently heavy inflows are expected in these dams subject to releases from upstream dams and catchment rainfall. Hence necessary pre-depletion can be done in advance in order to avoid flooding in the downstream.