



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
13.09.2020

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)
Agumbe	78.4
Damercherla	50.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 13.09.2020

The low pressure area over Westcentral Bay of Bengal off north Andhra Pradesh coast persists. Associated cyclonic circulation extends upto mid-tropospheric levels tilting southwestwards with height. It is likely to become more marked.

The Monsoon Trough at mean sea level now passes through Bikaner, Sikar, Shivpuri, Tikamgarh, Mandla to the centre of low pressure area over Westcentral Bay of Bengal off north Andhra Pradesh coast.

The cyclonic circulation over Eastcentral Arabian Sea off Maharashtra coast now lies over northeast Arabian Sea & adjoining south Gujarat coast and extends upto 4.5 km above mean sea level.

The off-shore trough at mean sea level from north Maharashtra coast to north Kerala coast now runs from south Gujarat coast to north Karnataka coast.

The east-west shear zone roughly along 15°N across peninsular India at 5.8 km above mean sea level has become less marked.

3.0 Rainfall forecast for next 5 days issued on 13th Sept 2020 (Midday) by IMD

13th Sept 2020



14th Sept 2020



15th Sept 2020



16th Sept 2020



17th Sept 2020



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

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|---|---------------------|---|-------------------|---|---------------------|---|---------------------|
|  | Heavy Rain |  | Heavy Snow |  | Thunderstorm |  | Dust Storm |
|  | Strong Winds |  | Visibility |  | Cyclone |  | Squall/ Hail |
|  | Frost |  | Cold Wave |  | Heat Wave |  | Sea State |

4.0 QPF of Basin/Sub-Basin as per IMD dated:13.09.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 14.09.2020	Day-2 Valid till 0830 hrs IST of 15.09.2020	Day-3 Valid till 0830 hrs IST of 16.09.2020
1	Krishna	Ghataprabha	11-25	11-25	0.1-10
2.		Hagari/Vedavati	11-25	0.1-10	0.1-10
3.		Lower Bhima	11-25	11-25	11-25
4.		Lower Tungabhadra	11-25	11-25	11-25
5.		Middle Krishna	11-25	0.1-10	0.1-10
6.		Middle Tungabhadra	11-25	0.1-10	0.1-10
7.		Upper Bhima	11-25	0.1-10	11-25
8.		Upper Krishna	11-25	0.1-10	0.1-10
9.		Upper Tungabhadra	11-25	11-25	11-25
10		Lower Krishna	26-37	11-25	11-25
11		Musi	26-37	0.1-10	0.1-10
12		Paleru	38-50	26-37	0.1-10
13		Munneru	51-75	26-37	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)		06

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	Narayanpur Dam	Yadgir	Karnataka	492.25	492.11	8.00	F	1415	S	13/09/2020 20:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	318.25	8.00	R	1600	S	13/09/2020 18:00
Tungabhadra	Sunkesula Barrage	Kurnool	Andhra Pradesh	292.00	291.27	8.00	R	920	S	13/09/2020 18:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	269.66	8.00	S	3000	S	13/09/2020 18:00
Krishna	Pulichintala Proj.	Guntur	Andhra Pradesh	53.34	53.23	8.00	R	2750	S	13/09/2020 18:00
Krishna	Prakasam Barrage	Krishna	Andhra Pradesh	17.39	17.39	8.00	S	3500	F	13/09/2020 18:00

Advisory for Musi Project

Heavy to Very Heavy rainfall (13th and 14th September 2020) warning is issued by IMD for Telangana. It is observed that, Musi Project (received 46 mm rainfall today) is almost at FRL. Subsequently heavy inflows are expected, subject to the intensity of rainfall occurrence in the catchment area. Hence necessary pre-depletion can be done in advance in order to avoid flooding in the downstream.