



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBD
13.10.2020

1.0 Rainfall Situatio

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)
Madhira	134
Prakasam barrage	95.2
Vijayawada	95.2
Wadenapalli	73.2
Pollampalli	73.2
Paleru Bridge	70.2
Agumbe	65.0
Damercherla	50.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 13.10.2020

The system crossed north Andhra Pradesh coast close to Kakinada(near Lat. 17.0°N and long. 82.4°E) between 0630 & 0730 hours IST of today, the 13th October 2020, as a Deep Depression with maximum sustained wind speed of 55- 65kmph gusting to 75 kmph. Moving west- northwestwards with a speed of 24 kmph during past 06 hours and lay centred at 0830 hrs IST of today, the 13th October 2020 near latitude 17°N and longitude 82.1°E, about 15 km west- northwest of Kakinada (Andhra Pradesh) and 200 km east- southeast of Khammam (Telangana). It is very likely to move westnorthwestwards and weaken into a Depression during next 06 hours and further weaken into a Well marked Low Pressure Area during the subsequent 12 hours.

The trough from the cyclonic circulation associated with the above system to Eastcentral Arabian Sea roughly along Lat. 15°N across Coastal Andhra Pradesh, Rayalaseema, Coastal & North Interior Karnataka between 3.1 & 5.8 km above mean sea level persists.

A cyclonic circulation lies over Eastcentral Arabian Sea and adjoining Maharashtra coast between 0.9 & 2.1 km above mean sea level.

Remnant of the current Deep Depression likely to emerge as a Low Pressure Area over Eastcentral & adjoining Northeast Arabian Sea off north Konkan- south Gujarat coasts around 15th October, 2020. There is low to moderate probability of its intensification into a Depression thereafter over the same region.

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

13th Oct 2020



14th Oct 2020



15th Oct 2020



16th Oct 2020



17th Oct 2020



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



Heavy Rain



Strong Winds



Frost



Heavy Snow



Visibility



Cold Wave



Thunderstorm



Cyclone



Heat Wave



Dust Storm



Squall/ Hail



Sea State

4.0 QPF of Basin/Sub-Basin as per IMD dated:13.10.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 14.10.2020	Day-2 Valid till 0830 hrs IST of 15.10.2020	Day-3 Valid till 0830 hrs IST of 16.10.2020
1	Krishna	Ghataprabha	11-25	76-100	0.1-10
2		Hagari/Vedavati	11-25	0.1-10	0.1-10
3.		Lower Bhima	51-75	11-25	0.1-10
4.		Lower Tungabhadra	38-50	11-25	0.1-10
5.		Middle Krishna	11-25	51-75	0.1-10
6.		Middle Tungabhadra	11-25	0.1-10	0.1-10
7.		Upper Bhima	26-37	26-37	11-25
8.		Upper Krishna	26-37	51-75	0.1-10
9.		Upper Tungabhadra	>100	26-37	0.1-10
10		Lower Krishna	38-50	0.1-10	0.1-10
11		Musi	38-50	0.1-10	0.1-10
12		Paleru	38-50	26-37	0.1-10
13		Munneru	38-50	26-37	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)		07

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	Almatti Dam	Bagalkot	Karnataka	519.60	519.60	8.00	S	1600	R	14/10/2020 08:00
Krishna	Narayanpur Dam	Yadgir	Karnataka	492.25	491.95	8.00	S	2500	S	13/10/2020 20:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	318.00	8.00	R	5500	R	13/10/2020 18:00
Tungabhadra	Sunkesula Barrage	Kurnool	Andhra Pradesh	292.00	290.35	8.00	R	2000	F	13/10/2020 18:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	269.72	8.00	R	7500	R	13/10/2020 18:00
Krishna	Pulichintala Proj.	Guntur	Andhra Pradesh	53.34	53.15	8.00	R	7500	R	13/10/2020 18:00
Krishna	Prakasam Barrage	Krishna	Andhra Pradesh	17.39	17.15	8.00	R	3100	R	13/10/2020 18:00

Advisory for the Entire Krishna and Bhima Basin.

Heavy rainfall warning for Madhya Maharashtra and; Heavy to Very Heavy rainfall for North Interior Karnataka, Marathwada, Telangana and Andhra Pradesh is issued by IMD. It is observed that the dams at Krishna and Bhima river are almost at FRL. Subsequently heavy inflows are expected, subject to the intensity of rainfall occurrence in their catchment area. Hence necessary pre-depletion can be done in advance in order to avoid flooding in the downstream.