



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
12.10.2024



1.0 Rainfall Situation

Chief Amount of rainfall recorded at 08:30 hours IST of today 7.0 cm and above as per IMD is tabulated below.

Name of Place (State)	Rainfall (in cm)
SHIMOGA SYS (KA);	10.0
BHADRAVATHI (KA); YELBURGA (KA);	8.0
ILKAL (KA); KUKANOOR (KA); HAGARI BOMMANAHALLI (KA);	7.0

1.1 QPF of Basin/Sub-Basin as per IMD dated: 12.10.2024

S.NO.	Basin Name	Sub Basin Name	QPF (mm)						
			Day is valid from 0830 hrs IST of day till 0830 hrs IST of next day						
			Day 1 12.10.24	Day 2 13.10.24	Day 3 14.10.24	Day 4 15.10.24	Day 5 16.10.24	Day 6 17.10.24	Day 7 18.10.24
1	K R I S H N A	Ghataprabha	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
2		Hagari / Vedavati	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
3		Lower Bhima	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
4		Lower Tungabhadra	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
5		Middle Krishna	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
6		Middle Tungabhadra	11-25	11-25	11-25	11-25	11-25	11-25	11-25
7		Upper Bhima	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
8		Upper Krishna	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
9		Upper Tungabhadra	11-25	11-25	11-25	11-25	11-25	11-25	11-25
10		Lower Krishna	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
11		Musi	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
12		Paleru	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
13		Munneru	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

2.0 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)		01

KRISHNA BASIN INFLOW FORECAST STATIONS										
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
Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.738	497.42	08:00	Steady	1,750	Rising	13-10-2024 08:00

3.0 Storage Position of Dams for Inflow forecast stations is being issued by O/o EE, LKD, CWC, KGBO, Hyd as on 12th October 2024.

S.No.	River	Station	State	Present Live	Rainfall Warning
1	Bhima	Ujjani Reservoir	Maharashtra	110.6%	Yes
2	Nira	Veer Dam	Maharashtra	104.6%	Yes
3	Krishna	Hipparagi Barrage	Karnataka	100.0%	Yes
4	Krishna	Almatti Reservoir	Karnataka	100.0%	Yes
5	Krishna	Prakasam Barrage	Andhra Pradesh	100.0%	Yes
6	Warana	Warana Dam	Maharashtra	100.0%	Yes
7	Krishna	Narayanpur Reservoir	Karnataka	99.8%	Yes
8	Koyna	Koyna Dam	Maharashtra	99.5%	Yes
9	Krishna	DR KLRS Pulichintala Dam	Andhra Pradesh	98.2%	Yes
10	Musi	Musi Dam	Telangana	96.5%	Yes
11	Tungabhadra	Tungabhadra Dam	Karnataka	96.0%	Yes
12	Krishna	P.D.Jurala	Telangana	91.9%	Yes
13	Krishna	Srisaillam Reservoir	Andhra Pradesh	89.7%	Yes
14	Tungabhadra	Sunkesula Barrage	Andhra Pradesh	83.1%	Yes
15	Tungabhadra	Singatalur Barrage	Karnataka	82.2%	Yes

- Reservoirs shown in Red are having live storage greater than 90%
 - Reservoirs shown in Orange are having live storage greater than 75%
 - Reservoirs shown in Yellow are having live storage greater than 70%.
 - Close watch has to be maintained at above reservoirs wherever,
 - Heavy Rainfall (Yellow)
 - Very Heavy Rainfall (Orange)
 - Extremely Heavy Rainfall (Red)
- Rainfall warning in next 24 hours are given (Last column of Table above).

CWC ADVISORY TO DAM AUTHORITIES :-

In accordance with established protocols and guidelines, you are hereby requested to regulate reservoir levels in compliance with Standard Operation Manuals / Rule Curves. This is imperative to mitigate the risk of downstream flooding and upstream submergence. Nevertheless, dam gate operations should proceed as per the established schedule, taking into account live storage capacity and making necessary adjustments to releases and filling to ensure optimal reservoir management.

Considering the IMD's Forecast of light rainfall in the Krishna Sub-basins. No flood forecast is currently being issued by this office except Tungabhadra Dam.