



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
14.10.2024



1.0 Rainfall Situation

Chief Amount of rainfall recorded at 08:30 hours IST of today 5.0 cm as per IMD is tabulated below.

Name of Place (State)	Rainfall (in cm)
YAGATI (KA); HIREKERUR (KA);	5.0

1.1 QPF of Basin/Sub-Basin as per IMD dated: 14.10.2024

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 14.10.24	Day 2 15.10.24	Day 3 16.10.24	Day 4 17.10.24	Day 5 18.10.24	Day 6 19.10.24	Day 7 20.10.24
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	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
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	26-37	0.1-10	0.1-10	0.1-10
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)	01
Total number of sites above Warning Level (A+B+C)		01
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)		04

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
Krishna	P.D.Jurala	Mahabubnagar	Telangana	318.516	318.18	06:00	Rising	1,800	Falling	15-10-2024 06:00
Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.738	497.42	08:00	Steady	1,000	Falling	15-10-2024 08:00
Tungabhadra	SunkesulaBarrage	Kurnool	Andhra Pradesh	291.998	291.20	06:00	Steady	2,500	Steady	14-10-2024 18:00
Krishna	Srisaillam Reservoir	Kurnool	Andhra Pradesh	269.748	268.86	06:00	Rising	3,250	Steady	15-10-2024 06:00

KRISHNA BASIN LEVEL FORECAST STATIONS											
Above Normal / Severe / Extreme Flood Situations											
Name of River	Flood Forecasting Site	District	State	Warning Level (m)	Danger Level (m)	Actual Level			Forecast		
						Level (m)	Time	Trend	Level (m)	Trend	Date
Tungabhadra	Mantralayam	Kurnool	Andhra Pradesh	310.00	312.00	310.630	09:00	Steady	310.600	Steady	14-10-2024 21:00

Alert Categorisation	
Above Normal	Water Level between Warning and Danger Level
Severe	Water Level between Danger Level to HFL* attained at that location
Extreme	Water Level higher than the HFL* at that Location
*HFL- The Highest flood level of the river ever recorded at the place.	

3.0 Storage Position of Dams for Inflow forecast stations is being issued by O/o EE, LKD, CWC, KGBO, Hyd as on 14th October 2024.

S.No.	River	Station	State	Present Live Storage %	Rainfall Warning
1	Bhima	Ujjani Reservoir	Maharashtra	111.3%	No
2	Nira	Veer Dam	Maharashtra	104.6%	No
3	Krishna	Hipparagi Barrage	Karnataka	100.0%	Yes
4	Krishna	Prakasam Barrage	Andhra Pradesh	100.0%	Yes
5	Warana	Warana Dam	Maharashtra	100.0%	No
6	Krishna	Almatti Reservoir	Karnataka	99.8%	Yes
7	Koyna	Koyna Dam	Maharashtra	99.4%	No
8	Krishna	DR KLRS Pulichintala Dam	Andhra Pradesh	97.7%	Yes
9	Musi	Musi Dam	Telangana	96.5%	Yes
10	Tungabhadra	Tungabhadra Dam	Karnataka	96.1%	Yes
11	Krishna	Narayanpur Reservoir	Karnataka	93.7%	Yes
12	Krishna	Srisaillam Reservoir	Andhra Pradesh	92.4%	Yes
13	Krishna	P.D.Jurala	Telangana	88.8%	Yes
14	Tungabhadra	Singatalur Barrage	Karnataka	82.2%	Yes
15	Tungabhadra	Sunkesula Barrage	Andhra Pradesh	74.3%	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.