Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
19.07.2020

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)
Koyna	59

2.0 SYNOPTIC SITUATION: as per IMD dated: 19.07.2020

♦ The monsoon trough at mean sea level now passes through Ganganagar, Rohtak, Fursatganj, Patna and thence towards the foothills of Himalayas and extends upto 0.9 km above mean sea level.

♦ The trough in mid-tropospheric westerlies with its axis at 7.6 km above mean sea level roughly along Long. 64°E to the north of Lat. 30°N persists.

♦ The off-shore trough at mean sea level now runs from south Maharashtra coast to Kerala coast persists.

♦ A north-south trough runs from North Interior Karnataka to south Tamil Nadu at 0.9 km above mean sea level.

3.0Rainfall forecast for next 5 days issued on 19th July 2020 (Midday) by IMD

19th July 2020

20th July 2020

21st July 2020

22nd July 2020

23rd July 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: 19.07.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 20.07.2020	Day-2 Valid till 0830 hrs IST of 21.07.2020	Day-3 Valid till 0830 hrs IST of 22.07.2020
1	Krishna	Ghataprabha	0.1-10	0.1-10	0.1-10
2.		Hagari/Vedavati	11-25	0.1-10	0.1-10
3.		Lower Bhima	11-25	0.1-10	0.1-10
4.		Lower Tungabhadra	11-25	0.1-10	0.1-10
5.		Middle Krishna	0.1-10	0.1-10	0.1-10
6.		Middle Tungabhadra	0.1-10	0.1-10	0.1-10
7.		Upper Bhima	0.1-10	0.1-10	0.1-10
8.		Upper Krishna	11-25	11-25	11-25
9.		Upper Tungabhadra	26-37	26-37	11-25
10		Lower krishna	11-25	11-25	0.1-10
11		Musi	11-25	0.1-10	0.1-10
12		Paleru	11-25	11-25	11-25
13		Munneru	11-25	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)		**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	Almatti Dam	Bagalkot	Karnataka	519.60	517.21	8.00	S	1450	R	20/07/2020 08:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	318.11	8.00	F	1600	F	19/07/2020 18:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	489.28	8.00	R	900	R	19/07/2020 20:00
Krishna	Srisailam Dam	Kurnool	Andhra Pradesh	269.75	256.43	8.00	R	1750	F	19/07/2020 18:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	521.00	8.00	F	1450	R	20/07/2020 08:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.75	8.00	F	650	R	19/07/2020 20:00

Advisory Inflow Forecast for Narayanpur Dam

Due to rainfall in the upper Krishna basin, heavy inflows are observed in Almatti Dam, giving rise to higher outflow thereafter. Subsequently heavy inflows are expected at Narayanpur Dam, which may lead to cross it's threshold limit (based on the Almatti Dam's releases). Hence, Dam Authorities may monitor the situation and accordingly operate the releases.