Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
06.08.2020

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	207
Koyna	202
Mahabaleshwar	187.2
Warana	165
Veer Dam	63

2.0 SYNOPTIC SITUATION: as per IMD dated: 06.08.2020

♦ The low pressure area over central parts of Madhya Pradesh now lies over south- west Madhya Pradesh.The associated cyclonic circulation extends upto 3.6 km above mean sea level.

♦ The monsoon trough at mean sea level now passes through Deesa, centre of low pressure area over West Madhya Pradesh & neighbourhood, Jabalpur, Korba, Jharsiguda, Chandbali and thence east southeastwards to Eastcentral Bay of Bengal and extends upto 1.5 km above mean sea level.

♦ A low pressure area is likely to develop over westcentral & adjoining north Bay of Bengal around 9th August, 2020..

3.0Rainfall forecast for next 5 days issued on 06th Aug 2020 (Midday) by IMD

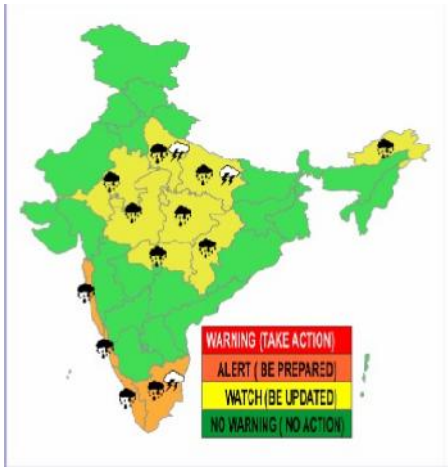
06th Aug 2020

07th Aug 2020

08th Aug 2020

09th Aug 2020

10th Aug 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: 06.08.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 07.08.2020	Day-2 Valid till 0830 hrs IST of 08.08.2020	Day-3 Valid till 0830 hrs IST of 09.08.2020
1	Krishna	Ghataprabha	38-50	11-25	11-25
2.		Hagari/Vedavati	0.1-10	0.1-10	11-25
3.		Lower Bhima	11-25	0.1-10	0.1-10
4.		Lower Tungabhadra	0.1-10	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	11-25	0.1-10	0.1-10
8.		Upper Krishna	51-75	51-75	51-75
9.		Upper Tungabhadra	76-100	51-75	51-75
10		Lower krishna	0.1-10	0.1-10	0.1-10
11		Musi	0.1-10	0.1-10	0.1-10
12		Paleru	0.1-10	0.1-10	0.1-10
13		Munneru	0.1-10	0.1-10	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	517.76	8.00	R	3800	R	07/08/2020 08:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	491.49	8.00	R	1900	R	06/08/2020 20:00
Koyna	Koyna Dam	Satara	Maharashtra	659.43	647.70	8.00	R	2500	R	06/08/2020 20:00
Warana	Warana Dam	Kolhapur	Maharashtra	626.90	620.25	8.00	R	800	S	06/08/2020 20:00
Nira	Veer Dam	Satara	Maharashtra	579.85	576.47	8.00	R	500	S	07/08/2020 08:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	520.70	8.00	F	3050	R	07/08/2020 08:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.50	8.00	S	2300	R	06/08/2020 20:00

Advisory Inflow Forecast for Narayanpur Dam

Due to very heavy 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.