



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
16.08.2020

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)
Mahabaleshwar	203
Koyna	182
Warana	78

2.0 SYNOPTIC SITUATION: as per IMD dated: 16.08.2020

The Low pressure area over Jharkhand and adjoining Gangetic West Bengal now lies over south Jharkhand & neighbourhood. The associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height. It is very likely to move west- northwestwards and weaken during next 24 hours.

The monsoon trough at mean sea level now passes through Bikaner Ajmer, Gwalior, Satna, center of low pressure area over south Jharkhand & neighbourhood, Midnapur and thence Eastwards to Northeast Bay of Bengal and extends upto 1.5 km above mean sea level.

The east- west shear zone roughly along Lat.19°N across Peninsular India persists and now seen between 4.5 km & 7.6 km above mean sea level tilting southwards with height.

A fresh Low Pressure Area is likely to form over north Bay of Bengal around 19th August.

3.0 Rainfall forecast for next 5 days issued on 16th Aug 2020 (Midday) by IMD

16th Aug 2020



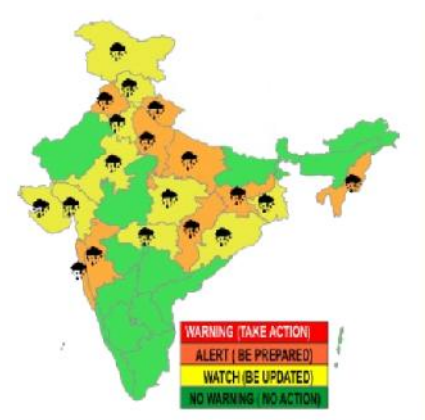
17th Aug 2020



18th Aug 2020



19th Aug 2020



20th 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:16.08.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 17.08.2020	Day-2 Valid till 0830 hrs IST of 18.08.2020	Day-3 Valid till 0830 hrs IST of 19.08.2020
1	Krishna	Ghataprabha	26-37	11-25	0.1-10
2		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3.		Lower Bhima	51-75	11-25	0.1-10
4.		Lower Tungabhadra	38-50	0.1-10	0.1-10
5.		Middle Krishna	26-37	0.1-10	0.1-10
6.		Middle Tungabhadra	26-37	0.1-10	0.1-10
7.		Upper Bhima	11-25	0.1-10	0.1-10
8.		Upper Krishna	38-50	26-37	11-25
9.		Upper Tungabhadra	11-25	11-25	11-25
10		Lower krishna	11-25	0.1-10	0.1-10
11		Musi	26-37	0.1-10	0.1-10
12		Paleru	26-37	0.1-10	0.1-10
13		Munneru	26-37	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)		11

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	519.19	8.00	R	3650	R	17/08/2020 08:00
Krishna	Narayanpur Dam	Yadgir	Karnataka	492.25	491.59	8.00	F	3000	R	16/08/2020 20:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	317.93	8.00	F	2100	F	16/08/2020 18:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	497.49	8.00	R	750	F	16/08/2020 20:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	265.21	8.00	R	3450	F	16/08/2020 18:00
Krishna	Prakasam Barrage	Krishna	Andhra Pradesh	17.39	17.39	8.00	S	3100	R	16/08/2020 18:00
Koyna	Koyna Dam	Satara	Maharashtra	659.43	655.90	8.00	R	2000	R	16/08/2020 20:00
Bhima	Ujjaini Dam	Solapur	Maharashtra	497.33	493.88	8.00	R	1000	R	16/08/2020 20:00
Nira	Veer Dam	Satara	Maharashtra	579.85	579.39	8.00	F	1000	R	16/08/2020 20:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	521.75	8.00	R	3200	R	17/08/2020 08:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.60	8.00	S	750	F	16/08/2020 20:00