



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
09.08.2019

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	168.2
Koyna	115
Warana	107
Shimoga	100.6

2.0 SYNOPSIS SITUATION: as per IMD dated: 09.08.2019

The Depression over central parts of Madhya Pradesh moved westnorthwestwards with a speed of about 32 kmph in last six hours and lay centred at 0830 hours IST of today, the 09th August, 2019, near Latitude 23.8°N and Longitude 77.3°E over West Madhya Pradesh, about 60 km north of Bhopal (West Madhya Pradesh), about 90 km southeast of Guna (West Madhya Pradesh) and about 210 km southeast of Kota (East Rajasthan). It is very likely to continue to move westnorthwestwards and weaken gradually into a Well Marked Low Pressure Area during next 24 hours.

The monsoon trough at mean sea level now passes through Jaisalmer, Chittorgarh, center of the Depression over West Madhya Pradesh, Jabalpur, Jharsuguda, Digha and thence southeastwards to eastcentral Bay of Bengal and extends upto 2.1 km above mean sea level.

The feeble offshore trough at mean sea level has strengthened and now seen as an off shore trough from south Maharashtra coast to Kerala coast.

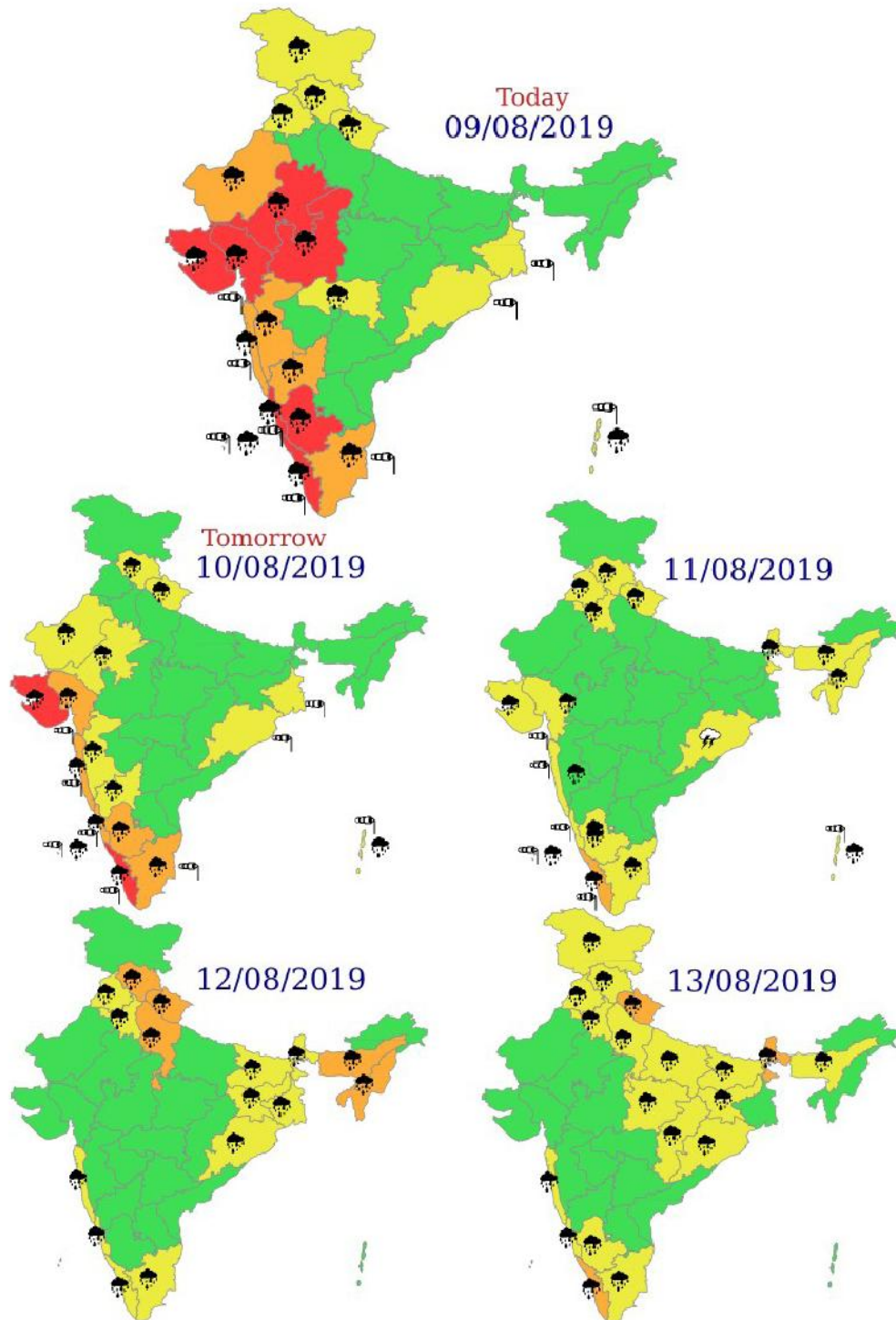
The cyclonic circulation over southeast Arabian Sea off Kerala coast extending between 7.6 & 9.5 km above mean sea level has become less marked.

A trough at 1.5 km above mean sea level runs roughly along Long. 92°E to the north of Lat. 24°N.

3.0 QPF of Basin/Sub-Basin as per IMD dated: 09.08.2019

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830 hrs IST of 10.08.2019	Day-2 Valid till 0830 hrs IST of 11.08.2019	Day-3 Valid till 0830 hrs IST of 12.08.2019
1	Krishna	Ghataprabha	51-100	51-100	26-50
2		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3.		Lower Bhima	0.1-10	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	26-50	26-50	26-50
7.		Upper Bhima	26-50	26-50	26-50
8.		Upper Krishna	51-100	51-100	51-100
9.		Upper Tungabhadra	>100	>100	51-100
10		Lower krishna	0.1-10	0.1-10	0.1-10
11		Musi	0.1-10	0.1-10	0
12		Paleru	0.1-10	0	0
13		Munneru	0.1-10	0	0

4.0 Rainfall forecast for next 5 days issued on 9th August 2019 (Midday) by IMD



There is no heavy Rainfall warning in Basin states fo of Krishna Basin hence no flood situation for next five days.



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)	01
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	01
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	NIL
Total number of sites above Warning Level (A+B+C)		NIL
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

DAILY WATER LEVELS AND INFLOW FORECASTS FOR INFLOW FORECASTING SITES (RESERVOIRS)											
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	Time
Krishna	Almatti Dam	Bijapur	Karnataka	519.6	517.08	8:00	S	11500	R	10.08.2019	8:00
Krishna	Narayanpur	Yadgir	Karnataka	492.25	487.83	8:00	R	13500	R	09.08.2019	20:00
Krishna	PD Jurala	Mahabub Nagar	Telangana	318.52	316.56	8:00	F	13000	R	09.08.2019	18:00

Tungabhadra	Tungabhadra Dam	Bellari	Karnataka	497.74	494.05	8:00	R	5000	R	09.08.2019	20:00
Krishna	Srisailem	Kurnool	Andhra Pradesh	269.75	267.92	8:00	R	11000	R	09.08.2019	18:00
Koyna	Koyna Dam	Satara	Maharashtra	659.43	658.90	8:00	R	1500	R	10.08.2019	8:00
Warana	Warana Dam	Kolapur	Maharashtra	626.90	625.15	8:00	R	1000	S	10.08.2019	8:00
Bhima	Ujjaini Dam	Sholapur	Maharashtra	497.33	496.83	8:00	S	1500	F	10.08.2019	8:00
Nira	Veer Dam	Satara	Maharashtra	579.85	578.91	8:00	R	1000	F	10.08.2019	8:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	531.4	527.45	8:00	R	11500	R	10.08.2019	8:00
Tungabhadra	Singatluru Barrage	Gadaga	Karnataka	507	505.9	8:00	S	5500	R	09.08.2019	20:00

DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES						
Severe Flood Situations :						
Site (s) where water level is equalled or exceeds Danger Level but Less than HFLI						
River ----- Station	District ----- State	Warning Level (m)	Danger Level (m)	Highest flood Level (m) ----- - Date	Actual level ----- Trend ----- Time	Forecasted Level Trend ----- Date ----- Time
Bhima	Gulbarga	402.00	404.50	407.34	405.10	405.25
Deongaon Bridge	Karnataka			13-08-2006	S	S
					08.00	09.08.2019 20.00

DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES						
Extreme Flood Situations :						
Sites where the previous Highest Flood Level (HFL) is equalled or exceeded						
River ----- Station	District ----- State	Warning Level (m)	Danger Level (m)	Highest flood Level (m) ----- Date	Actual level ----- Trend ----- Time	Forecasted Level ----- Trend ----- Date -----
Krishna	Sangli	542. 04	54 3.29	543.69	544.19	544.19
						F
Arjunwad	Maharashtra			05-08-2005	R 14.00	10.08.2019 14.00

Advisory Information to all dam authorities under krishna and bhima basin

Due to heavy rainfall occurred during last 12 to 13 days in upstream of Krishna and Bhīma basin along with heavy rainfall warning for coming 5 days heavy inflows are expected in entire Krishna and Bhima River. Hence concerned dam authorities are requested to monitor the situation and accordingly operate the releases.