



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
05.08.2019

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	380.4
Koyna	251
Warana	135
Agumbe	40

2.0 SYNOPTIC SITUATION: as per IMD dated: 05.08.2019

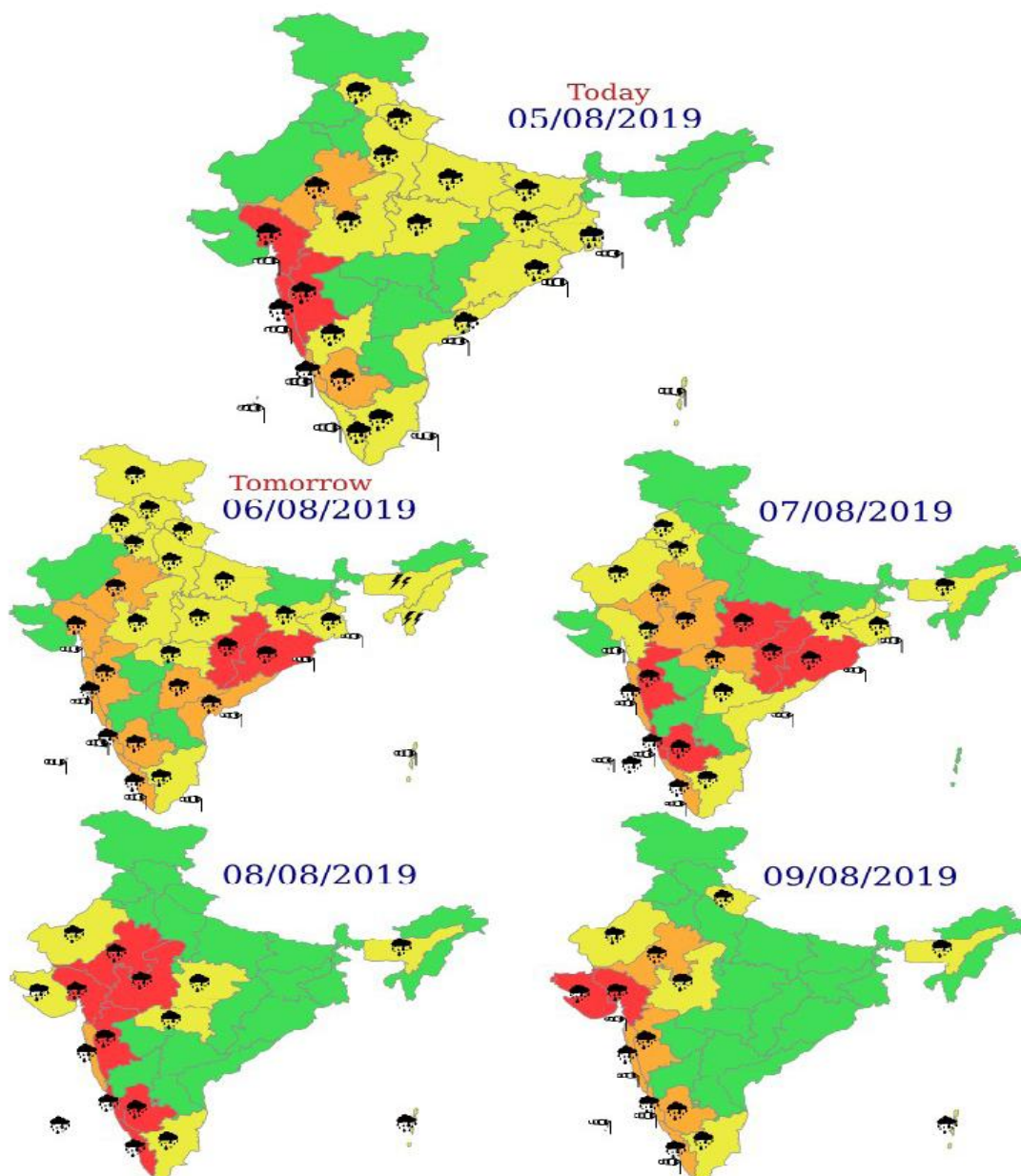
- South west monsoon was active over Karnataka state.
- Under the influence of the cyclonic circulation over Gangetic West Bengal and adjoining north Bay of Bengal & Bangladesh a low pressure area has formed over north Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal. Associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height. The system is likely to become more marked during next 48 hours.
- The trough from south Gujarat now runs upto the cyclonic circulation associated with the low pressure area over north Bay of Bengal & neighbourhood across north Maharashtra, south Chhattisgarh and south Odisha and extends between 3.6 & 5.8 km above mean sea level tilting southwards with height.
- The feeble offshore trough at mean sea level now runs from south Gujarat coast to north Kerala

3.0 QPF of Basin/Sub-Basin as per IMD dated: 05.08.2019

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830 hrs IST of 06.08.2019	Day-2 Valid till 0830 hrs IST of 07.08.2019	Day-3 Valid till 0830 hrs IST of 08.08.2019
1	Krishna	Ghataprabha	26-50	26-50	11-25
2		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3		Lower Bhima	11-25	11-25	11-25
4		Lower Tungabhadra	11-25	11-25	11-25
5		Middle Krishna	11-25	11-25	11-25
6		Middle Tungabhadra	11-25	11-25	11-25
7		Upper Bhima	26-50	26-50	26-50
8		Upper Krishna	51-100	51-100	51-100

9.		Upper Tungabhadra	51-100	51-100	51-100
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	11-25	11-25
13		Munneru	0.1-10	11-25	11-25

4.0 Rainfall forecast for next 5 days issued on 05th 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)	NIL
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	NIL
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	517.88	8:00	F	8000	R	06.08.2019	8:00
Krishna	Narayanpur	Yadgir	Karnataka	492.25	489.88	8:00	S	8000	R	05.08.2019	20:00
Krishna	PD Jurala	Mahabub Nagar	Telangana	318.52	318.07	8:00	F	8000	R	05.08.2019	18:00
Tungabhadra	Tungabhadra Dam	Bellari	Karnataka	497.74	490.66	8:00	R	650	R	05.08.2019	20:00

Krishna	Srisailem	Kurnool	Andhra Pradesh	269.75	262.46	8:00	R	7500	R	05.08.2019	18:00
Koyna	Koyna Dam	Satara	Maharashtra	659.43	658.04	8:00	R	4000	R	06.08.2019	8:00
Warana	Warana Dam	Kolapur	Maharashtra	626.90	626.40	8:00	R	3000	R	06.08.2019	8:00
Bhima	Ujjaini Dam	Sholapur	Maharashtra	497.33	494.95	8:00	R	4000	R	06.08.2019	8:00
Nira	Veer Dam	Satara	Maharashtra	579.85	579.48	8:00	R	1000	R	06.08.2019	8:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	531.4	525.20	8:00	R	8500	R	06.08.2019	8:00
Tungabhadra	Singatluru Barrage	Gadaga	Karnataka	507	506.80	8:00	S	650	R	05.08.2019	20:00

Advisory Information to all dam authorities under Krishna and Bhima basin

Due to heavy rainfall occurred during last 7 to 8 days in upstream of Krishna and Bhima 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.

Due to heavy releases from Kanher Dam (1,68,202 cusec) ,heavy inflow is expected at Karad Site. Subsequently heavy inflow is expected at Arjunwad, Kurundwad and Almatti Dam. Hence Almatti Dam authorities are requested to monitor the situation and take precautionary measures to operate the reservoir as per updated operational manual and rule curves.