



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
30.07.2019

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	235.4
Koyna	150
Warna	137
Agumbe	69.8

2.0 SYNOPTIC SITUATION: as per IMD dated: 30.07.2019

Under the influence of cyclonic circulation over north Odisha & adjoining areas of Gangetic West Bengal and Jharkhand, a Low Pressure Area has formed over East Madhya Pradesh & adjoining Chhattisgarh. Associated cyclonic circulation extends upto 5.8 km above mean sea level, tilting southwards with height.

The monsoon trough at mean sea level now passes through Barmer, Chittorgarh, Vidisha, centre of Low Pressure Area over East Madhya Pradesh & adjoining Chhattisgarh, Jamshedpur, Balasore and thence southeastwards to eastcentral Bay of Bengal extending upto 2.1 km above mean sea level.

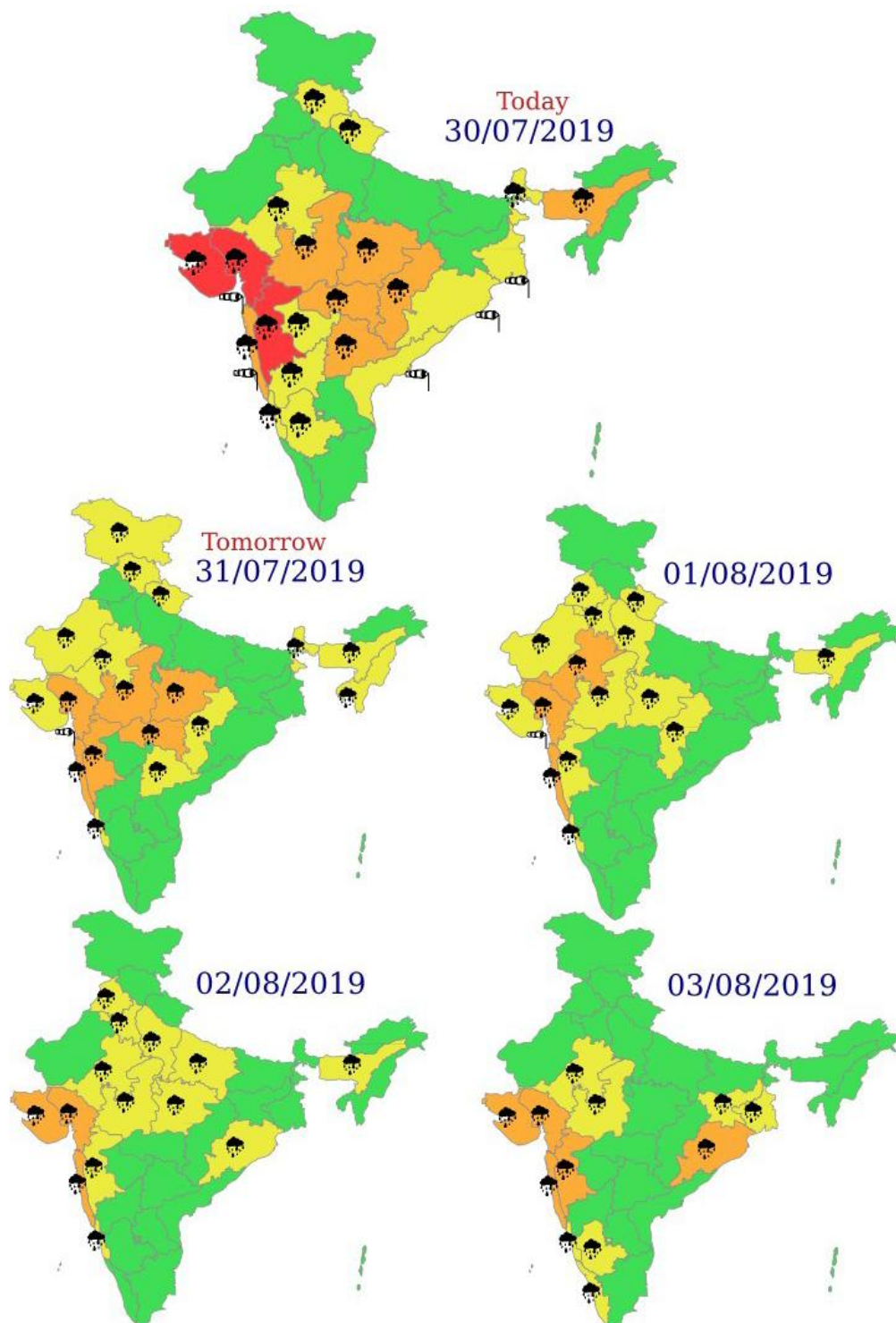
The trough from south Rajasthan to Odisha now runs from south Gujarat & adjoining north Maharashtra to interior Odisha across the cyclonic circulation associated with the Low Pressure Area over East Madhya Pradesh & adjoining Chhattisgarh and extends between 4.5 & 7.6 km above mean sea level tilting southwards with height.

A fresh Low Pressure Area is likely to form over northeast Bay of Bengal & neighbourhood around 4th August.

3.0 QPF of Basin/Sub-Basin as per IMD dated: 30.07.2019

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830 hrs IST of 31.07.2019	Day-2 Valid till 0830 hrs IST of 01.08.2019	Day-3 Valid till 0830 hrs IST of 02.08.2019
1	Krishna	Ghataprabha	0.1-10	0.1-10	0.1-10
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	11-25	0.1-10	0.1-10
7		Upper Bhima	26-50	11-25	11-25
8		Upper Krishna	26-50	11-25	11-25
9		Upper Tungabhadra	26-50	11-25	11-25
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

4.0 Rainfall forecast for next 5 days issued on 30th July 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)		09

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	519.2	8:00	F	3100	R	31.07.2019	8:00
Krishna	Narayanpur	Yadgir	Karnataka	492.25	491.53	8:00	R	3700	R	30.07.2019	20:00
Krishna	PD Jurala	Mahabub Nagar	Telangana	318.52	313.43	8:00	R	2000	R	30.07.2019	18:00

Tungabhadra	Tungabhadra Dam	Bellari	Karnataka	497.74	489.01	8:00	R	425	s	30.07.2019	20:00
Koyna	Koyna Dam	Satara	Maharashtra	659.43	649.66	8:00	R	1700	R	31.07.2019	8:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	531.4	522.1	8:00	R	3000	R	31.07.2019	8:00
Tungabhadra	Singatluru Barrage	Gadaga	Karnataka	507	506.9	8:00	R	425	S	30.07.2019	20:00
Bhima	Ujjaini Dam	Sholapur	Maharashtra	497.33	490.89	8:00	R	1200	S	31.07.2019	8:00
Nira	Veer Dam	Satara	Maharashtra	579.85	579.7	8:00	R	700	R	31.07.2019	8:00

Advisory Information to all dam authorities under krishna and bhima basin

Due to heavy rainfall occurred during last 5 to 6 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.