



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
21.07.2021

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	140.0
Koyna	109.0
Agumbe	82.2
Warana	68.0

2.0 SYNOPTIC SITUATION: as per IMD dated: 21.07.2021

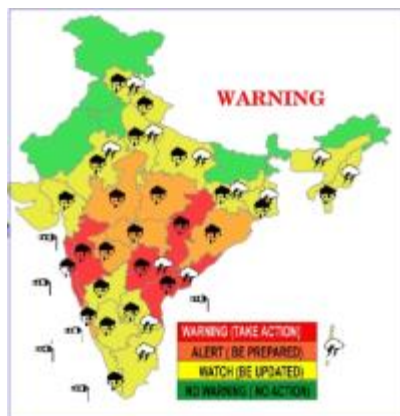
- ◆ THE MONSOON TROUGH AT MEAN SEA LEVEL NOW PASSES THROUGH AMRITSAR, KARNAL, ALIGARH, SULTANPUR, JAMSHEDPUR, CHANDBALI AND THENCE EASTSOUTHEASTWARDS TO NORTHEAST BAY OF BENGAL AND EXTENDS UPTO 0.9 KM ABOVE MEAN SEA LEVEL.
- ◆ THE OFFSHORE TROUGH AT MEAN SEA LEVEL NOW RUNS FROM SOUTH GUJARAT COAST TO KARNATAKA COAST.
- ◆ A CYCLONIC CIRCULATION LIES OVER NORTHWEST BAY OF BENGAL & NEIGHBOURHOOD AND EXTENDS BETWEEN 3.1 KM & 7.6 KM ABOVE MEAN SEA LEVEL TILTING SOUTHWESTWARDS WITH HEIGHT. UNDER ITS INFLUENCE, A LOW PRESSURE AREA IS VERY LIKELY TO FORM OVER NORTHWEST BAY OF BENGAL & NEIGHBOURHOOD DURING NEXT 48 HOURS.
- ◆ THE EASTWEST SHEAR ZONE ROUGHLY ALONG LAT.18°N BETWEEN 4.5 KM & 5.8 KM ABOVE MEAN SEA LEVEL TILTING SOUTHWARDS WITH HEIGHT HAS BECOME LESS MARKED

3.0 Rainfall forecast for next 5 days issued on 21st July 2021 (Midday) by IMD

21-07-2021



22-07-2021



23-07-2021



24-07-2021



25-07-2021



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

	Heavy Rain		Heavy Snow		Thunderstorm		Dust Storm
	Strong Winds		Visibility		Cyclone		Squall/ Hail
	Frost		Cold Wave		Heat Wave		Sea State

4.0 QPF of Basin/Sub-Basin as per IMD dated: 21.07.2021

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 21.07.2021	Day-2 Valid till 0830 hrs IST of 22.07.2021	Day-3 Valid till 0830 hrs IST of 23.07.2021
1	Krishna	Ghataprabha	0.1-10	0.1-10	11-25
2		Hagari/Vedavati	11-25	11-25	11-25
3.		Lower Bh ma	0.1-10	0.1-10	11-25
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	11-25	11-25
7.		Upper Bhima	26-37	26-37	11-25
8.		Upper Krishna	38-50	38-50	26-37
9.		Upper Tungabhadra	11-25	11-25	11-25
10		Lower Krishna	11-25	11-25	0.1-10
11		Musi	11-25	11-25	0.1-10
12		Paleru	26-37	26-37	0.1-10
13		Munneru	26-37	26-37	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
Koyna	Koyna Dam	Satara	Maharashtra	659.43	644.83	8.00	R	1100	R	22/07/2021 8:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	521.60	8.00	F	1600	R	22/07/2021 8:00
Krishna	Almatti Dam	Bagalkot	Karnataka	519.60	517.80	8.00	R	1500	R	21/07/2021 20:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	316.72	8.00	F	2000	F	21/07/2021 18:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.85	8.00	S	1350	S	21/07/2021 20:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	493.86	8.00	R	1350	S	21/07/2021 20:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	256.55	8.00	R	3000	F	21/07/2021 18:00