



**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**Lower Krishna Division, KGBO**  
**22.08.2021**

**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) |
|----------------------|------------------|
| Agumbe               | 80.4             |
| Yadgir               | 76.4             |

**2.0 SYNOPTIC SITUATION: as per IMD dated: 22.08.2021**

- The monsoon trough now passes through Bikaner, Shivpuri, Sidhi, Patna, Balurghat and thence eastwards to Nagaland.
- The trough from cyclonic circulation over northeast Rajasthan to cyclonic circulation off Tamilnadu & adjoining Sri Lanka coast now runs from cyclonic circulation over northeast Rajasthan to Telangana across West Madhya Pradesh and Vidarbha and extends upto 1.5 km above mean sea level.
- A trough runs from Haryana to Northeast Arabian Sea across East Rajasthan and Gujarat region at 3.1 km above mean sea level.
- A cyclonic circulation lies over Southwest Bay of Bengal off Sri Lanka coast between 1.5 km & 5.8 km above mean sea level.
- The cyclonic circulation over Marathawada & adjoining Vidarbha at 3.1 km above mean sea level has become less marked.
- The trough from cyclonic circulation over Marathawada & adjoining Vidarbha to Eastcentral Arabian Sea across north Maharashtra at 3.1 km above mean sea level has become less marked.
- The cyclonic circulation over off Tamilnadu & adjoining Sri Lanka coasts between 1.5 km & 3.1 km above mean sea level has become less marked.
- The offshore trough at mean sea level from Karnataka coast to Kerala coast has become less marked.

### 3.0 Rainfall forecast for next 5 days issued on 22<sup>nd</sup> August 2021 (Midday) by IMD

22-08-2021



23-08-2021



24-08-2021



25-08-2021



26-08-2021



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: 22.08.2021

| S. No. | BASIN NAME | SUB-BASIN CODE/NAME | QPF (mm)<br>Valid upto 0830hrs IST               |   |  |
|--------|------------|---------------------|--|---|--|
|        |            |                     | Day-1<br>Valid till 0830hrs<br>IST of 22.08.2021 | Day-2<br>Valid till 0830 hrs<br>IST of 23.08.2021 | Day-3<br>Valid till 0830<br>hrs IST of<br>24.08.2021 |
| 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 Bh ma         | 11-25  | 11-25   | 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  | 0.1-10   | 0.1-10  | 0.1-10   |
| 7.     |            | Upper Bhima         | 0.1-10   | 0.1-10  | 0.1-10   |
| 8.     |            | Upper Krishna       | 0.1-10   | 0.1-10  | 0.1-10   |
| 9.     |            | Upper Tungabhadra   | 0.1-10   | 0.1-10  | 0.1-10   |
| 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   |

**5.0 Flood Situation & Advisories as per Actual/ Forecasted Rainfall**

| <b>FLOOD SITUATION SUMMARY</b>   |   |                              |
|--|---|------------------------------|
| <b>PART - I: LEVEL FORECAST</b>  |   |                              |
| S.No.  | Flood Situations  | Numbers of Forecasting Sites |
| A  | Extreme Flood Situation:<br>(Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)                           | <b>00</b>                    |
| B  | Severe Flood Situation:<br>(Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)) | <b>00</b>                    |
| C  | Above Normal Flood Situation:<br>(Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)       | <b>00</b>                    |
| Total number of sites above Warning Level ( A+B+C)   |   | <b>00</b>                    |
| <b>PART - II: INFLOW FORECAST</b>  |   |                              |
| Number of sites for which inflow forecasts issued:<br>(Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage) |   | <b>01</b>                    |

## 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       | Pulichintala Proj.     | Guntur   | Andhra Pradesh | 53.34   | 50.55        | 8.00 | R     | 900                    | S     | 22/08/2021 18:00 |