



**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**Lower Krishna Division, KGBO**  
**21.09.2024**



## 1.0 Rainfall Situation

Chief Amount of rainfall recorded at 08:30 hours IST of today 5.0 cm and above as per IMD

| Name of Place (State)               | Rainfall (in cm) |
|-------------------------------------|------------------|
| KODAKANDLA (TG); MUSI DAM W/T (TG); | 7.0              |
| CHARMINAR (TG); MAHESWARAM (TG);    | 5.0              |

## 1.1 QPF of Basin/Sub-Basin as per IMD dated: 20.09.2024

| S.NO. | Basin Name                      | Sub Basin Name     | QPF (mm)                                                            |                   |                   |                   |                   |                   |                   |
|-------|---------------------------------|--------------------|---------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|       |                                 |                    | Day is valid from 0830 hrs IST of day till 0830 hrs IST of next day |                   |                   |                   |                   |                   |                   |
|       |                                 |                    | Day 1<br>21.09.24                                                   | Day 2<br>22.09.24 | Day 3<br>23.09.24 | Day 4<br>24.09.24 | Day 5<br>25.09.24 | Day 6<br>26.09.24 | Day 7<br>27.09.24 |
| 1     | K<br>R<br>I<br>S<br>H<br>N<br>A | Ghataprabha        | 0.1-10                                                              | 0                 | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 2     |                                 | Hagari / Vedavati  | 0.1-10                                                              | 0.1-10            | 0.1-10            | 0.1-10            | 0                 | 0.1-10            | 0.1-10            |
| 3     |                                 | Lower Bhima        | 0.1-10                                                              | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0                 | 0.1-10            |
| 4     |                                 | Lower Tungabhadra  | 0.1-10                                                              | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 5     |                                 | Middle Krishna     | 0.1-10                                                              | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 6     |                                 | Middle Tungabhadra | 0                                                                   | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 7     |                                 | Upper Bhima        | 0.1-10                                                              | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 8     |                                 | Upper Krishna      | 0.1-10                                                              | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 9     |                                 | Upper Tungabhadra  | 0                                                                   | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            | 0.1-10            |
| 10    |                                 | Lower Krishna      | 11-25                                                               | 0.1-10            | 0.1-10            | 26-37             | 11-25             | 0.1-10            | 0.1-10            |
| 11    |                                 | Musi               | 11-25                                                               | 0.1-10            | 0.1-10            | 11-25             | 0.1-10            | 0.1-10            | 0.1-10            |
| 12    |                                 | Paleru             | 0.1-10                                                              | 0.1-10            | 0.1-10            | 11-25             | 11-25             | 11-25             | 0.1-10            |
| 13    |                                 | Munneru            | 0.1-10                                                              | 0.1-10            | 0.1-10            | 11-25             | 11-25             | 11-25             | 0.1-10            |

| QPF categories (mm) | 0 | 0.1-10 | 11-25 | 26-37 | 38-50 | 51-75 | 76-100 | >100 |
|---------------------|---|--------|-------|-------|-------|-------|--------|------|
|---------------------|---|--------|-------|-------|-------|-------|--------|------|

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

| <b>FLOOD SITUATION SUMMARY</b>                                                                                                                               |                                                                                                                                       |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>PART - I: LEVEL FORECAST</b>                                                                                                                              |                                                                                                                                       |                                     |
| <b>S.No.</b>                                                                                                                                                 | <b>Flood Situations</b>                                                                                                               | <b>Numbers of Forecasting Sites</b> |
| 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>00</b>                           |

**3.0 Storage Position of Dams for Inflow forecast stations is being issued by O/o EE, LKD, CWC, KGBO, Hyd as on 21<sup>st</sup> September 2024.**

| S.No. | River       | Station                  | State          | Present Live | Rainfall Warning |
|-------|-------------|--------------------------|----------------|--------------|------------------|
| 1     | Bhima       | Ujjani Reservoir         | Maharashtra    | 106.0%       | No               |
| 2     | Nira        | Veer Dam                 | Maharashtra    | 102.1%       | No               |
| 3     | Krishna     | Hipparagi Barrage        | Karnataka      | 100.0%       | Yes              |
| 4     | Krishna     | Almatti Reservoir        | Karnataka      | 100.0%       | Yes              |
| 5     | Tungabhadra | Sunkesula Barrage        | Andhra Pradesh | 100.0%       | No               |
| 6     | Krishna     | Narayanpur Reservoir     | Karnataka      | 99.5%        | Yes              |
| 7     | Warana      | Warana Dam               | Maharashtra    | 99.5%        | No               |
| 8     | Krishna     | DR KLRS Pulichintala Dam | Andhra Pradesh | 99.4%        | Yes              |
| 9     | Krishna     | Prakasam Barrage         | Andhra Pradesh | 99.1%        | Yes              |
| 10    | Koyna       | Koyna Dam                | Maharashtra    | 97.8%        | No               |
| 11    | Tungabhadra | Tungabhadra Dam          | Karnataka      | 96.2%        | No               |
| 12    | Krishna     | P.D.Jurala               | Telangana      | 95.6%        | Yes              |
| 13    | Musi        | Musi Dam                 | Telangana      | 91.8%        | Yes              |
| 14    | Tungabhadra | Singatalur Barrage       | Karnataka      | 84.2%        | Yes              |
| 15    | Krishna     | Srisaillam Reservoir     | Andhra Pradesh | 81.3%        | No               |

- Reservoirs shown in Red are having live storage greater than 90%
- Reservoirs shown in Orange are having live storage greater than 75%
- Reservoirs shown in Yellow are having live storage greater than 70%.
- Close watch has to be maintained at above reservoirs wherever,
  - Heavy Rainfall (Yellow)
  - Very Heavy Rainfall (Orange)
  - Extremely Heavy Rainfall (Red)

Rainfall warning in next 24 hours are given (Last column of Table above).

**CWC ADVISORY TO DAM AUTHORITIES :-**

In accordance with established protocols and guidelines, you are hereby requested to regulate reservoir levels in compliance with Standard Operation Manuals / Rule Curves. This is imperative to mitigate the risk of downstream flooding and upstream submergence. Nevertheless, dam gate operations should proceed as per the established schedule, taking into account live storage capacity and making necessary adjustments to releases and filling to ensure optimal reservoir management.

Considering the current low discharge rates recorded at CWC base stations and IMD's Forecast of light rainfall in the Krishna Sub-basins except Lower Krishna & Musi Sub basins. No flood forecast is currently being issued by this office.