# Central Water Commission
# Daily Flood Situation Report cum Advisories
# Lower Krishna Division, KGBO
# 09.09.2020

## 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) |
|---|---|
| Sadalga | 61.8 |

## 2.0 SYNOPTIC SITUATION: as per IMD dated: 09.09.2020

**♦ The Monsoon Trough at mean sea level now passes through Amritsar, Ambala, Bareilly, Lucknow, Gaya, Hazaribagh, Bankura, Digha and thence southeastwards to North Bay of Bengal.**

**♦ The off- shore trough at mean sea level from north Maharashtra coast to Lakshadweep area now runs from south Maharashtra coast to north Kerala coast.**

**♦ The trough from northwest Uttar Pradesh to central parts of East Rajasthan now runs from northwest Uttar Pradesh to southwest Madhya Pradesh and seen at 3.1 km above mean sea level.**

**♦ The east- west shear zone roughly along 13°N across the peninsular India persists and now seen at 3.1 km above mean sea level.**

**♦ The cyclonic circulation over westcentral Bay of Bengal off Andhra Pradesh coast at 1.5 km above mean sea level has become less marked.**

## 3.0Rainfall forecast for next 5 days issued on 09th Sept 2020 (Midday) by IMD

09th Sept 2020


10th Sept 2020


11th Sept 2020


12th Sept 2020


13th Sept 2020


**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:09.09.2020

| S. No. | BASIN NAME | SUB-BASIN CODE/NAME | QPF (mm) Valid upto 0830hrs IST | | |
|---|---|---|---|---|---|
| | | | Day-1 Valid till 0830hrs IST of 10.09.2020 | Day-2 Valid till 0830 hrs IST of 11.09.2020 | Day-3 Valid till 0830 hrs IST of 12.09.2020 |
| 1 | Krishna | Ghataprabha | 38-50 | 11-25 | 11-25 |
| 2. | | Hagari/Vedavati | 11-25 | 11-25 | 38-50 |
| 3. | | Lower Bhima | 11-25 | 11-25 | 11-25 |
| 4. | | Lower Tungabhadra | 0.1-10 | 0.1-10 | 11-25 |
| 5. | | Middle Krishna | 0.1-10 | 11-25 | 11-25 |
| 6. | | Middle Tungabhadra | 11-25 | 0.1-10 | 11-25 |
| 7. | | Upper Bhima | 11-25 | 11-25 | 11-25 |
| 8. | | Upper Krishna | 11-25 | 11-25 | 11-25 |
| 9. | | Upper Tungabhadra | 11-25 | 26-37 | >100 |
| 10 | | Lower Krishna | 0.1-10 | 11-25 | 0.1-10 |
| 11 | | Musi | 0.1-10 | 0.1-10 | 0.1-10 |
| 12 | | Paleru | 0.1-10 | 0.1-10 | 11-25 |
| 13 | | Munneru | 0.1-10 | 0.1-10 | 11-25 |

## 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:<br>(Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled) | **00** |
| B | Severe Flood Situation:<br>(Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)) | **00** |
| C | Above Normal Flood Situation:<br>(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:<br>(Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage) | | **05** |

| 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 | Almatti Dam | Bagalkot | Karnataka | 519.60 | 519.60 | 8.00 | S | 1700 | R | 10/09/2020 08:00 |
| Krishna | Narayanpur Dam | Yadgir | Karnataka | 492.25 | 492.12 | 8.00 | S | 1900 | R | 09/09/2020 20:00 |
| Tungabhadra | Tungabhadra Dam | Bellary | karnataka | 497.74 | 497.74 | 8.00 | S | 1450 | R | 09/09/2020 20:00 |
| Krishna | Hippargi Barrage | Bagalkot | Karnataka | 524.87 | 523.85 | 8.00 | F | 1425 | S | 10/09/2020 08:00 |
| Tungabhadra | Singatluru Barrage | Gadag | Karnataka | 509.00 | 506.80 | 8.00 | F | 950 | R | 09/09/2020 20:00 |

## Advisory for Veer and Ujjani Dam

Heavy to Very Heavy rainfall ( 9th and 10th September 2020) warning is issued by IMD for Madhya Maharashtra. It is observed that, most of the dams above Veer and Ujjani Dam are filled and are almost at FRL (including the above mentioned dams). Subsequently heavy inflows are expected in these dams subject to releases from upstream dams. Hence necessary pre-depletion can be done in advance in order to avoid flooding in the downstream.