



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
22.09.2020

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) |
|----------------------|------------------|
| Agumbe | 60.0 |

2.0 SYNOPTIC SITUATION: as per IMD dated: 22.09.2020

The Low Pressure Area over north interior Odisha & neighbourhood now lies over north Chhattisgarh & neighbourhood with associated cyclonic circulation extending upto 5.8 km above mean sea level tilting southwestwards with height. It is likely to move west- northwestwards during next 2 days.

The monsoon trough at mean sea level now passes through Bikaner, Bhilwara, Sagar, center of low pressure area over north Chhattisgarh & neighbourhood, Baripada and thence east- northeastwards towards Northeast Bay of Bengal and extends upto 0.9 km above mean sea level.

A trough runs from south Maharashtra to Sub- Himalayan West Bengal & Sikkim with embedded cyclonic circulation associated with Low Pressure Area over north Chhattisgarh between 3.1 & 5.8 km above mean sea level.

The cyclonic circulation over north Maharashtra coast & neighbourhood extending upto 0.9 km above mean sea level persists.

The east-west shear zone roughly along Lat. 17°N across Peninsular India between 3.6 km & 7.6 km above mean sea level has become less marked

3.0 Rainfall forecast for next 5 days issued on 22nd Sept 2020 (Midday) by IMD

22nd Sept 2020



23rd Sept 2020



24th Sept 2020



25th Sept 2020



26th Sept 2020



There is no heavy Rainfall warning in Basin states 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:22.09.2020

| S. No. | BASIN NAME | SUB-BASIN CODE/NAME | QPF (mm) Valid upto 0830hrs IST | | |
|--------|------------|---------------------|--------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| | | | Day-1 Valid till 0830hrs IST of 23.09.2020 | Day-2 Valid till 0830 hrs IST of 24.09.2020 | Day-3 Valid till 0830 hrs IST of 25.09.2020 |
| 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 | 0.1-10 | 0.1-10 | 0.1-10 |
| 7. | | Upper Bhima | 11-25 | 0.1-10 | 11-25 |
| 8. | | Upper Krishna | 11-25 | 11-25 | 11-25 |
| 9. | | Upper Tungabhadra | 11-25 | 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

| 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) | 01 |
| Total number of sites above Warning Level (A+B+C) | | 01 |
| 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 | |
| Krishna | P D Jurala Project | Mahabubnagar | Telangana | 318.52 | 318.12 | 8.00 | S | 7000 | R | 22/09/2020 18:00 | |
| Tungabhadra | Tungabhadra Dam | Bellary | karnataka | 497.74 | 497.36 | 8.00 | R | 3500 | S | 22/09/2020 20:00 | |
| Tungabhadra | Sunkesula Barrage | Kurnool | Andhra Pradesh | 292.00 | 290.22 | 8.00 | R | 3000 | S | 22/09/2020 18:00 | |
| Krishna | Srisaillam Dam | Kurnool | Andhra Pradesh | 269.75 | 269.60 | 8.00 | S | 9500 | R | 22/09/2020 18:00 | |
| Krishna | Pulichintala Proj. | Guntur | Andhra Pradesh | 53.34 | 52.98 | 8.00 | R | 8000 | S | 22/09/2020 18:00 | |
| Krishna | Prakasam Barrage | Krishna | Andhra Pradesh | 17.39 | 17.39 | 8.00 | R | 9000 | S | 22/09/2020 18:00 | |
| Tungabhadra | Singatluru Barrage | Gadag | Karnataka | 509.00 | 506.50 | 8.00 | F | 2900 | S | 22/09/2020 20:00 | |
| | | | | | | | | | | | |
| DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES | | | | | | | | | | | |
| Above Normal Flood Situations : | | | | | | | | | | | |
| Site (s)where water level is touching or exceeding the Warning Level but below Danger Level) | | | | | | | | | | | |
| Name of River | Flood Forecasting Site | District | State | Warning Level (m) | Danger Level (m) | Actual Level | | | Forecast | | |
| | | | | | | Level (m) | Time | Trend | Level (m) | Trend | Date |
| Tungabhadra | Mantralayam | Kurnool | Andhra Pradesh | 310.00 | 312.00 | 310.87 | 8.00 | S | 310.20 | F | 22/09/2020 18:00 |