



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
28.09.2021

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) |
|----------------------|------------------|
| Madhira | 105.8 |
| Polampalli | 70.2 |
| Jewangi | 57.8 |
| Malkhed | 51.6 |

2.0 SYNOPTIC SITUATION: as per IMD dated: 28.09.2021

- ◆ SOUTHWEST MONSOON WAS ACTIVE OVER COASTAL KARNATAKA AND NORTH INTERIOR KARNATAK; NORMAL OVER SOUTH INTERIOR KARNATAKA.
- ◆ THE DEPRESSION OVER TELANGANA AND ADJOINING AREAS OF MARATHWADA & VIDARBHA MOVED WEST-NORTHWESTWARDS WITH A SPEED OF 26 KMPH DURING LAST 06 HOURS AND LAY CENTERED AT 0830 HRS IST OF 28TH SEPTEMBER 2021 OVER SOUTHWEST VIDARBHA & NEIGHBOURHOOD NEAR LAT. 19.4°N AND LONG. 77.3°E, ABOUT 60KM EAST-NORTHEAST OF PARBHANI (MARATHWADA) AND 250 KM SOUTHWEST OF NAGPUR (VIDARBHA). IT IS LIKELY TO MOVE WEST-NORTHWESTWARDS AND WEAKEN INTO A WELL MARKED LOW PRESSURE AREA DURING NEXT 06 HOURS.
- ◆ THE SYSTEM IS LIKELY TO EMERGE INTO NORTHEAST ARABIAN SEA & ADJOINING GUJARAT COAST AROUND 30TH SEPTEMBER AND THERE IS LIKELIHOOD FOR THE SYSTEM TO FURTHER INTENSITY OVER NORTHEAST ARABIAN SEA DURING SUBSEQUENT 24 HOURS.
- ◆ UNDER THE INFLUENCE OF THE CYCLONIC CIRCULATION OVER NORTHEAST & ADJOINING EASTCENTRAL BAY OF BENGAL, A LOW PRESSURE AREA HAS FORMED OVER NORTHWEST BAY OF BENGAL & ADJOINING COASTAL AREAS OF WEST BENGAL. THE ASSOCIATED CYCLONIC CIRCULATION EXTENDS UPTO MID-TROPOSPHERIC LEVELS. IT IS LIKELY TO BECOME MORE MARKED DURING NEXT 24 HOURS .

3.0 Rainfall forecast for next 5 days issued on 28th September 2021 (Midday) by IMD

28-09-2021



29-09-2021



30-09-2021



01-10-2021



02-10-2021



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: 28.09.2021

| S. No. | BASIN NAME | SUB-BASIN CODE/NAME | QPF (mm) Valid upto 0830hrs IST | | |
|--------|------------|---------------------|--|---|--|
| | | | Day-1 Valid till 0830hrs IST of 28.09.2021 | Day-2 Valid till 0830 hrs IST of 29.09.2021 | Day-3 Valid till 0830 hrs IST of 30.09.2021 |
| 1 | Krishna | Ghataprabha | 11-25 | 0.1-10 | 0.1-10 |
| 2. | | Hagari/Vedavati | 0.1-10 | 0.1-10 | 0.1-10 |
| 3. | | Lower Bh ma | 11-25 | 0.1-10 | 0.1-10 |
| 4. | | Lower Tungabhadra | 11-25 | 0.1-10 | 0.1-10 |
| 5. | | Middle Krishna | 11-25 | 0.1-10 | 0.1-10 |
| 6. | | Middle Tungabhadra | 11-25 | 0.1-10 | 0.1-10 |
| 7. | | Upper Bhima | 11-25 | 11-25 | 0.1-10 |
| 8. | | Upper Krishna | 11-25 | 11-25 | 0.1-10 |
| 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) | 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) | | 04 |

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 | 317.60 | 8.00 | S | 1500 | F | 28/09/2021 18:00 |
| Krishna | Srisaillam Dam | Kurnool | Andhra Pradesh | 269.75 | 268.93 | 8.00 | R | 2250 | F | 28/09/2021 18:00 |
| Krishna | Pulichintala Proj. | Guntur | Andhra Pradesh | 53.34 | 50.53 | 8.00 | R | 2200 | R | 28/09/2021 18:00 |
| Krishna | Prakasam Barrage | Krishna | Andhra Pradesh | 17.39 | 17.39 | 8.00 | S | 5000 | S | 28/09/2021 18:00 |