



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
09.08.2019

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) |
|-----------------------------|-------------------------|
| Mahabaleshwar | 168.2 |
| Koyna | 115 |
| Warana | 107 |
| Shimoga | 100.6 |

2.0 SYNOPSIS SITUATION: as per IMD dated: 09.08.2019

The Depression over central parts of Madhya Pradesh moved westnorthwestwards with a speed of about 32 kmph in last six hours and lay centred at 0830 hours IST of today, the 09th August, 2019, near Latitude 23.8°N and Longitude 77.3°E over West Madhya Pradesh, about 60 km north of Bhopal (West Madhya Pradesh), about 90 km southeast of Guna (West Madhya Pradesh) and about 210 km southeast of Kota (East Rajasthan). It is very likely to continue to move westnorthwestwards and weaken gradually into a Well Marked Low Pressure Area during next 24 hours.

The monsoon trough at mean sea level now passes through Jaisalmer, Chittorgarh, center of the Depression over West Madhya Pradesh, Jabalpur, Jharsuguda, Digha and thence southeastwards to eastcentral Bay of Bengal and extends upto 2.1 km above mean sea level.

The feeble offshore trough at mean sea level has strengthened and now seen as an off shore trough from south Maharashtra coast to Kerala coast.

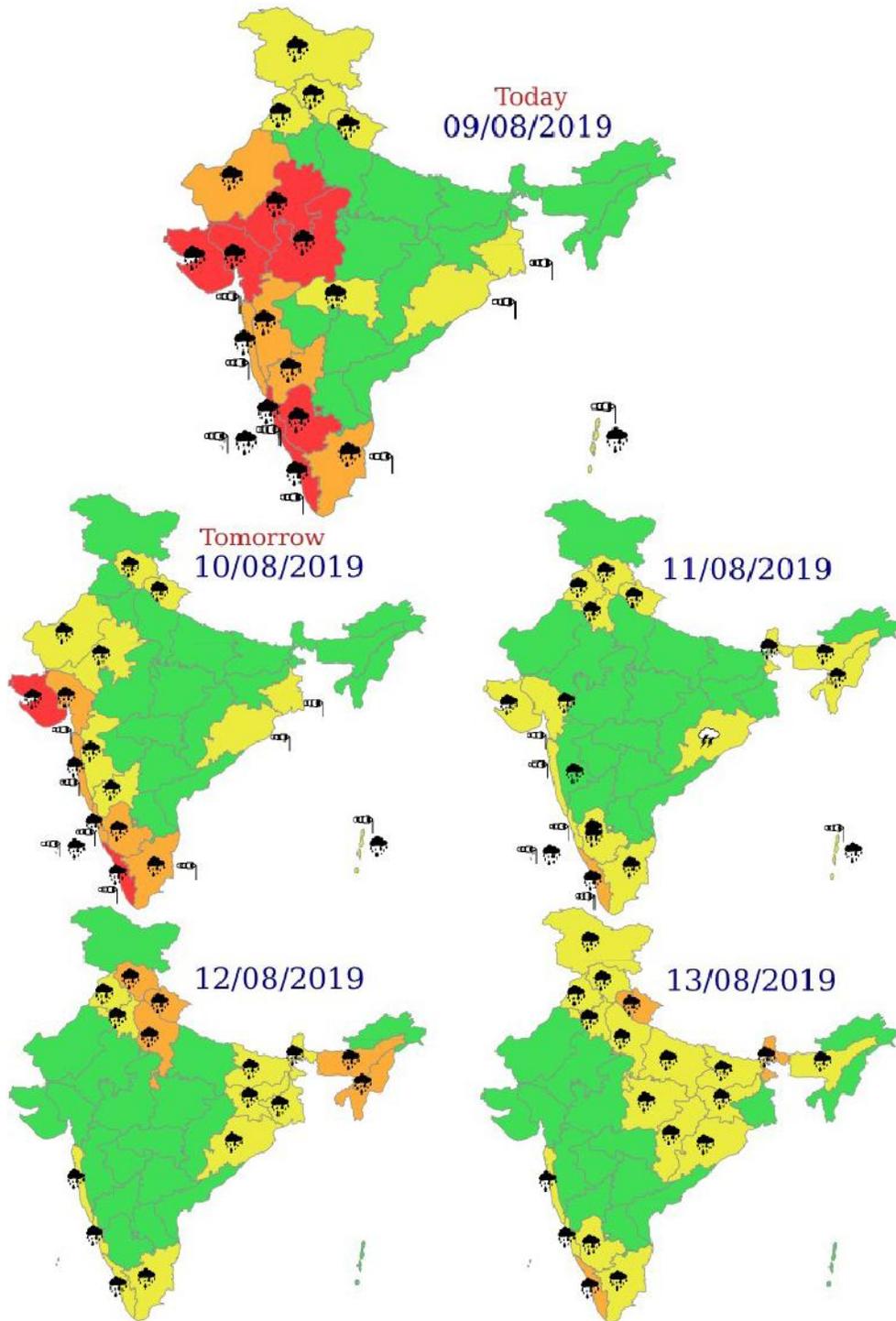
The cyclonic circulation over southeast Arabian Sea off Kerala coast extending between 7.6 & 9.5 km above mean sea level has become less marked.

A trough at 1.5 km above mean sea level runs roughly along Long. 92°E to the north of Lat. 24°N.

3.0 QPF of Basin/Sub-Basin as per IMD dated: 09.08.2019

| S. No. | BASIN NAME | SUB-BASIN CODE/NAME | QPF (mm) Valid upto 0830hrs IST | | |
|--------|------------|---------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| | | | Day-1 Valid till 0830 hrs IST of 10.08.2019 | Day-2 Valid till 0830 hrs IST of 11.08.2019 | Day-3 Valid till 0830 hrs IST of 12.08.2019 |
| 1 | Krishna | Ghataprabha | 51-100 | 51-100 | 26-50 |
| 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 | 26-50 | 26-50 | 26-50 |
| 7 | | Upper Bhima | 26-50 | 26-50 | 26-50 |
| 8 | | Upper Krishna | 51-100 | 51-100 | 51-100 |
| 9 | | Upper Tungabhadra | >100 | >100 | 51-100 |
| 10 | | Lower krishna | 0.1-10 | 0.1-10 | 0.1-10 |
| 11 | | Musi | 0.1-10 | 0.1-10 | 0 |
| 12 | | Paleru | 0.1-10 | 0 | 0 |
| 13 | | Munneru | 0.1-10 | 0 | 0 |

4.0 Rainfall forecast for next 5 days issued on 9th August 2019 (Midday) by IMD



There is no heavy Rainfall warning in Basin states fo of Krishna Basin hence no flood situation for next five days.

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|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  Heavy Rain |  Heavy Snow |  Thunderstorm |  Dust Storm |
|  Strong Winds |  Visibility |  Cyclone |  Squall/ Hail |
|  Frost |  Cold Wave |  Heat Wave |  Sea State |

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) | 01 |
| B | Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)) | 01 |
| C | Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level) | NIL |
| Total number of sites above Warning Level (A+B+C) | | NIL |
| 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) | | 11 |

| DAILY WATER LEVELS AND INFLOW FORECASTS FOR INFLOW FORECASTING SITES (RESERVOIRS) | | | | | | | | | | | |
|-----------------------------------------------------------------------------------|------------------------|---------------|-----------|---------|--------------|------|-------|------------------------|-------|------------|-------|
| 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 | Time |
| Krishna | Almatti Dam | Bijapur | Karnataka | 519.6 | 517.08 | 8:00 | S | 11500 | R | 10.08.2019 | 8:00 |
| Krishna | Narayanpur | Yadgir | Karnataka | 492.25 | 487.83 | 8:00 | R | 13500 | R | 09.08.2019 | 20:00 |
| Krishna | PD Jurala | Mahabub Nagar | Telangana | 318.52 | 316.56 | 8:00 | F | 13000 | R | 09.08.2019 | 18:00 |

| | | | | | | | | | | | |
|-------------|--------------------|----------|----------------|--------|--------|------|---|-------|---|------------|-------|
| Tungabhadra | Tungabhadra Dam | Bellari | Karnataka | 497.74 | 494.05 | 8:00 | R | 5000 | R | 09.08.2019 | 20:00 |
| Krishna | Srisaillam | Kurnool | Andhra Pradesh | 269.75 | 267.92 | 8:00 | R | 11000 | R | 09.08.2019 | 18:00 |
| Koyna | Koyna Dam | Satara | Maharashtra | 659.43 | 658.90 | 8:00 | R | 1500 | R | 10.08.2019 | 8:00 |
| Warana | Warana Dam | Kolapur | Maharashtra | 626.90 | 625.15 | 8:00 | R | 1000 | S | 10.08.2019 | 8:00 |
| Bhima | Ujjaini Dam | Sholapur | Maharashtra | 497.33 | 496.83 | 8:00 | S | 1500 | F | 10.08.2019 | 8:00 |
| Nira | Veer Dam | Satara | Maharashtra | 579.85 | 578.91 | 8:00 | R | 1000 | F | 10.08.2019 | 8:00 |
| Krishna | Hippargi Barrage | Bagalkot | Karnataka | 531.4 | 527.45 | 8:00 | R | 11500 | R | 10.08.2019 | 8:00 |
| Tungabhadra | Singatluru Barrage | Gadaga | Karnataka | 507 | 505.9 | 8:00 | S | 5500 | R | 09.08.2019 | 20:00 |

DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES

Severe Flood Situations :

Site (s) where water level is equalled or exceeds Danger Level but Less than HFLI

| River ----- Station | District ----- State | Warning Level (m) | Danger Level (m) | Highest flood Level (m) ----- - Date | Actual level ----- Trend ----- Time | Forecasted Level Trend ----- Date ----- Time |
|---------------------------|----------------------------|----------------------|---------------------|-----------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------|
| | | | | Bhima | Gulbarga | 402.00 |
| Deongaon Bridge | Karnataka | | | 13-08-2006 | S | 09.08.2019 |
| | | | | | 08.00 | 20.00 |

| DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES | | | | | | |
|----------------------------------------------------------------------------|----------------------------|-------------------|------------------|------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|
| Extreme Flood Situations : | | | | | | |
| Sites where the previous Highest Flood Level (HFL) is equalled or exceeded | | | | | | |
| River ----- ----- Station | District ----- State | Warning Level (m) | Danger Level (m) | Highest flood Level (m) ----- Date | Actual level ----- Trend ----- Time | Forecasted Level ----- Trend ----- Date ----- |
| Krishna | Sangli | 542.04 | 543.29 | 543.69 | 544.19 | 544.19 |
| Arjunwad | Maharashtra | | | 05-08-2005 | R 14.00 | F 10.08.2019 14.00 |

Advisory Information to all dam authorities under krishna and bhima basin

Due to heavy rainfall occurred during last 12 to 13 days in upstream of Krishna and Bhima basin along with heavy rainfall warning for coming 5 days heavy inflows are expected in entire Krishna and Bhima River. Hence concerned dam authorities are requested to monitor the situation and accordingly operate the releases.