



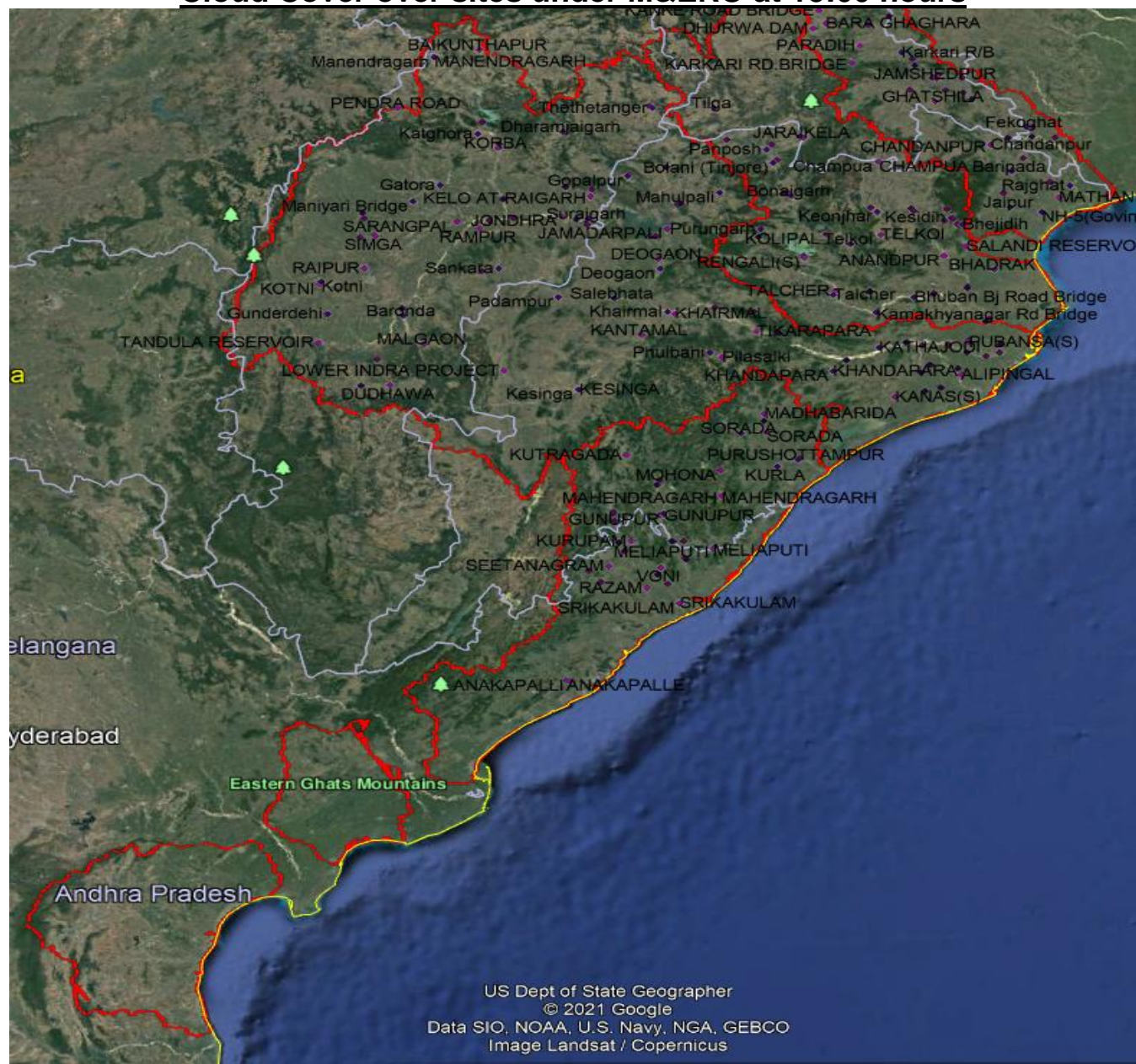


## 1.0 Rainfall Situation

Chief Amount of rainfall recorded during last 24 hours upto 0830 hours IST of today  
(50 mm or more)

| <u>Name of Place</u>         | <u>Name of Basin</u> | <u>State</u> | <u>Rainfall (in mm)</u> |
|------------------------------|----------------------|--------------|-------------------------|
| Gotta Barrage                | Burhabalang          | Odisha       | 65.2                    |
| Govindapur (NH5 Road Bridge) | Brahmani             | Odisha       | 56.6                    |
| Jaggaguda                    | Baitarani            | Odisha       | 66.0                    |
| Jaypur                       | Subarnarekha         | West Bengal  | 66.8                    |
| Madduvalasa                  | Brahmani             | Odisha       | 68.0                    |
| Purushottampur               | Brahmani             | Odisha       | 68.6                    |

## Cloud Cover over sites under M&ERO at 15:00 hours



## 1.1 Flood Situation Summary



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## Central Water Commission

Government of India  
Central Water Commission  
Mahanadi and Eastern Rivers Division  
Mahanadi Bhawan Bhubaneswar

|              |            |
|--------------|------------|
| Date:        | 20-09-2021 |
| Bulletin No: | 112        |

Plot No.A-13 & 14  
Bhoi Nagar  
Bhubaneswar-751022

| PART - I: LEVEL FORECAST   |   |                              |
|--|---|------------------------------|
| S.No.  | Flood Situations  | Numbers of Forecasting Sites |
| <b>A</b>   | Extreme Flood Situation:<br>(Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)                           | <b>0</b>                     |
| <b>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>1</b>                     |
| <b>C</b>   | Above Normal Flood Situation:<br>(Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)       | <b>0</b>                     |
| Total number of sites above Warning Level ( A+B+C)   |   | <b>1</b>                     |
| 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) |   | <b>2</b>                     |

ERD CWC Bhubaneswar

## 1.2 Flood Situation

### 1.31 Water level in major rivers (Forecast stations)

Time: 08:00

| Sl No. | Name of River/Forecast sites with District/State            | Warning Level in (m) | Danger Level in (m) | H.F.L. in(m) | Present level in (m) |
|--------|---|----------------------|---------------------|--------------|----------------------|
| 1      | Subarnarekha/ Rajghat,Balasore/ Odisha                      | 9.45                 | 10.36               | 12.69        | 7.72                 |
| 2      | Subarnarekha/ Mathani,Balasore/ Odisha                      | 5.0                  | 5.50                | 6.80         | 6.09                 |
| 3      | Burhabalang/ NH-5 road bridge (Govindpur), Balasore/ Odisha | 7.21                 | 8.13                | 9.50         | 5.82                 |
| 4      | Baitarani / Anandpur, Keonjhar/ Odisha                      | 37.44                | 38.36               | 41.35        | 35.01                |
| 5      | Baitarani/ Akhuapada, Bhadrak/ Odisha                       | 17.33                | 17.83               | 21.95        | 17.48                |
| 6      | Brahmani / Jenapur, Jajpur/ Odisha                          | 22.00                | 23.00               | 24.78        | 21.33                |
| 7      | Rushikulya/ Purusottampur,Ganjam/ Odisha                    | 15.835               | 16.835              | 19.655       | 13.28                |
| 8      | Vamsadhara/ Gunupur, Rayagada/ Odisha                       | 83.00                | 84.00               | 88.75        | 81.15                |
| 9      | Vamsadhara/ Kashinagar, Gajapati/ Odisha                    | 53.60                | 54.60               | 58.935       | 53.36                |
| 10     | Nagavalli/Srikakulam/Andhra Pradesh                         | 10.17                | 10.80               | 14.53        | 8.90                 |
| 11     | Subarnarekha/Jamshedhpur/Jharkhand                          | 122.5                | 123.5               | 129.82       | 117.42               |
| 12     | Mahanadi/Alipinjal/Odisha                                   | 10.85                | 11.76               | 13.11        | 9.42                 |
| 13     | Mahanadi/Naraj/Odisha                                       | 25.41                | 26.41               | 27.61        | 25.88                |
| 14     | Mahanadi/Nimapara/Odisha                                    | 9.85                 | 10.76               | 11.6         | 7.72                 |

### 1.32 Important Reservoir levels

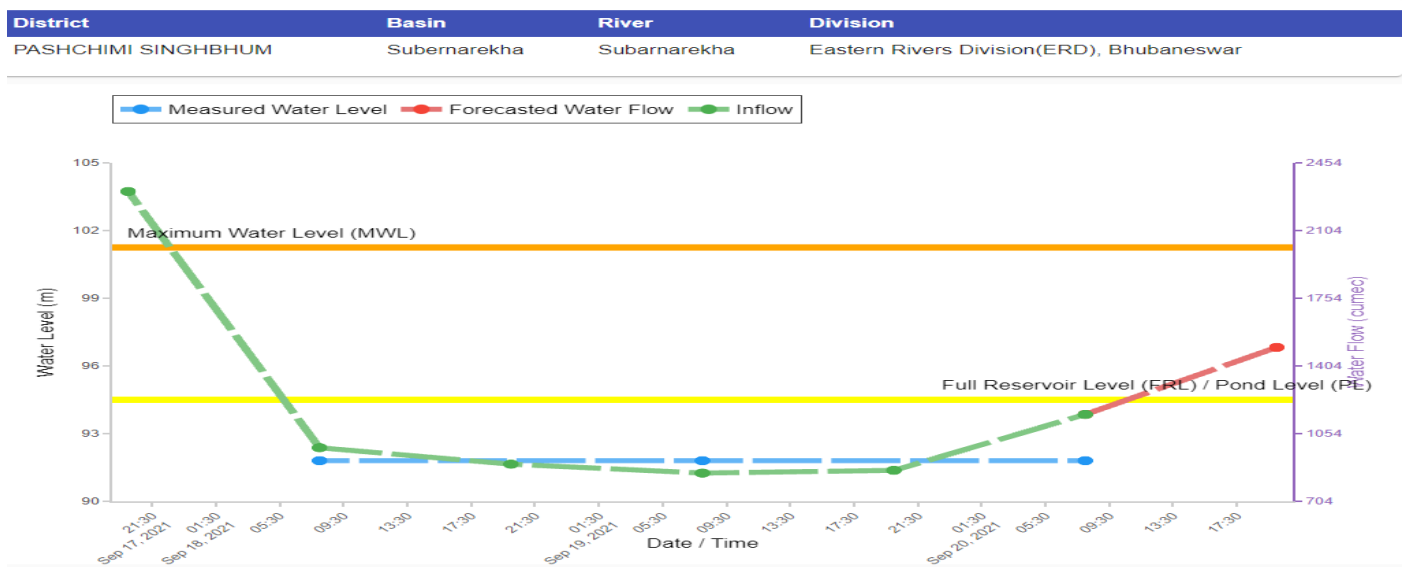
| Basin/River | Reservoir Name | FRL(M)  | Live storage at FRL (MCM) | Current level (M) & Time | Current Live Storage (MCM) & Time | % filled up |
|-------------|----------------|---------|---------------------------|--------------------------|-----------------------------------|-------------|
| MAHANADI    | Ravishankar    | 348.700 | 767                       | 346.09 & 0800            | 539.94 & 0800                     | 70.39       |
|             | Bango          | 359.660 | 3046                      | 359.23 & 0800            | 2819.03 & 0800                    | 92.54       |
|             | Hirakud        | 192.02  | 5378                      | 191.56 & 0800            | 4494.73 & 0800                    | 83.57       |
| BAITARANI   | Salandi        | 82.30   | 558                       | 74.20 & 0800             | 314.57 & 0800                     | 56.37       |
| BRAHMANI    | Rengali        | 123.50  | 3432                      | 123.32 & 0800            | 3354.67 & 0800                    | 97.74       |
| VAMSHADHARA | Gotta Barrage  | 38.06   | 18.72                     | 38.05 & 0800             | 18.04 & 0800                      | 96.36       |
| NAGAVALLI   | Thotapalli     | 105.0   | 71.046                    | 104.28 & 0600            | 58.43 & 0800                      | 82.24       |
|             | Maduvalassa    | 65.0    | 95.587                    | 64.27 & 0600             | 75.80 & 0800                      | 79.29       |

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

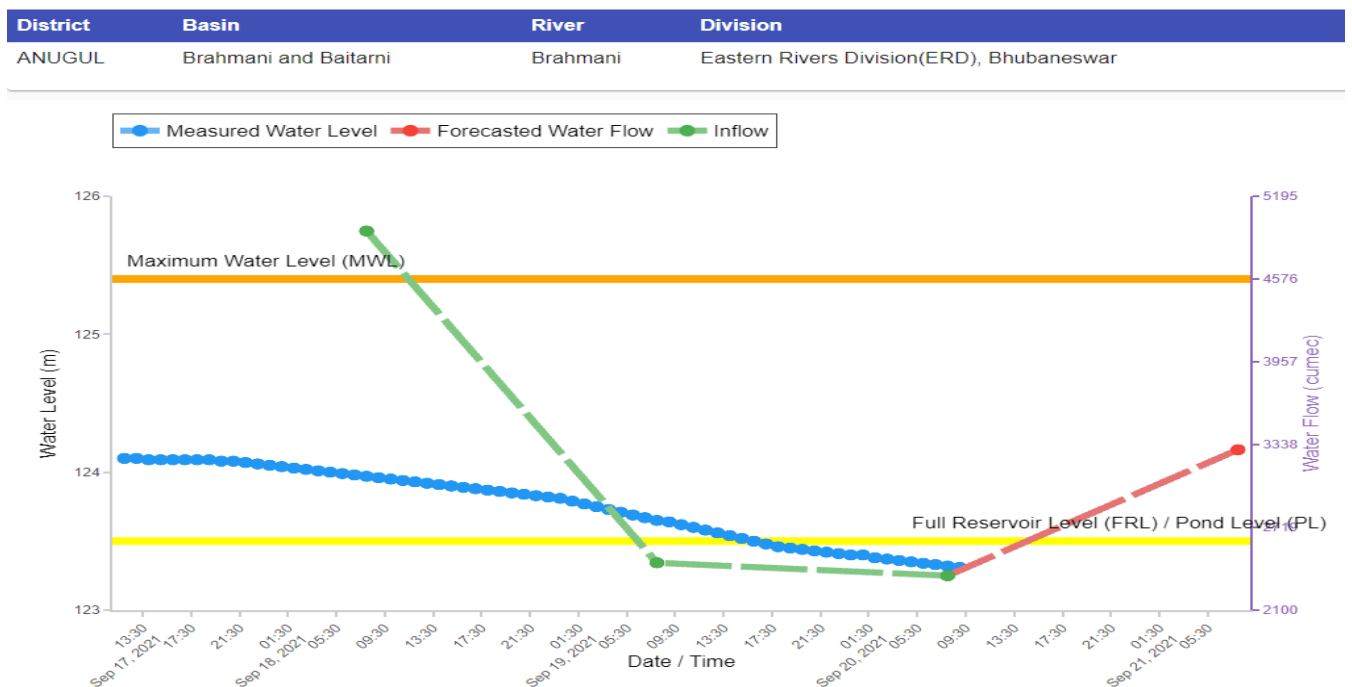
Two Inflow Forecasts have been issued for Galudih Barrage and Rengali Reservoir.

One Level Forecasts has been issued for Mathani Road Bridge.

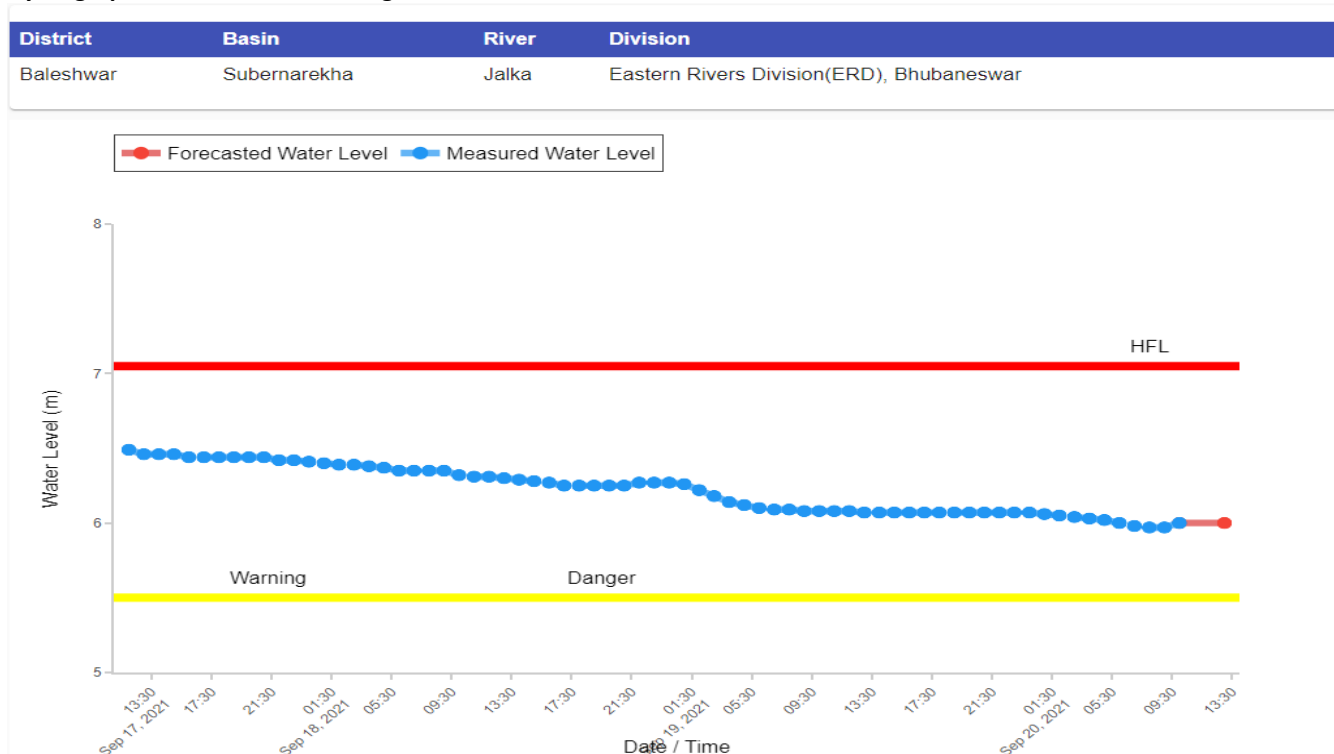
### Hydrograph of Galudih Barrage



### Hydrograph of Rengali Reservoir



## Hydrograph of Mathani Road Bridge



### 2.1 Districts/blocks to be alerted

NIL