



# Flood Bulletin, 2024

Government of Odisha

## Department of Water Resources

Volume No.29

Date: 29.06.24

Time: 14:00Hr



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## Flood Cell

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## Status of Gauge (in m)

| Name of River | Gauge Site          | Danger Level (DL) | Warning Level | Time (Hrs) | Present Level | Trend | (wrt DL) | Highest Recorded Level |          |
|---------------|---------------------|-------------------|---------------|------------|---------------|-------|----------|------------------------|----------|
|               |                     |                   |               |            |               |       |          | Level                  | Date     |
| Mahanadi      | Khairmal            | 109.0             | 108.0         | 12:00      | 99.43         | F     | -9.57    | 108.31                 | 19.09.08 |
|               | Tikarpara           | -                 | -             | 12:00      | 54.39         | S     | -        | 74.98                  | 30.08.82 |
|               | Naraj (IB)          | 26.41             | 25.41         | 12:00      | 21.43         | S     | -4.98    | 27.60                  | 31.08.82 |
| Kusabhadra    | Nimapara            | 10.76             | 9.85          | 12:00      | 3.18          | S     | -7.58    | 11.60                  | 31.08.82 |
| Devi          | Alipingala          | 11.76             | 10.85         | 12:00      | 1.7           | S     | -10.06   | 13.05                  | 20.09.08 |
| Brahmani      | Panposh             | 178.42            | 177.51        | 12:00      | 171.29        | S     | -7.13    | 181.44                 | 24.09.11 |
|               | Rengali             | 88.0              | -             | 12:00      | NR            | F     | -        | 92.25                  | 18.08.75 |
|               | Talcher             | 62.91             | -             | 12:00      | 53.31         | S     | -9.6     | 65.53                  | 19.08.75 |
|               | Jenapur             | 23.0              | 22.0          | 12:00      | 18.04         | S     | -4.96    | 24.78                  | 20.08.75 |
|               | Indupur             | 8.23              | -             | 12:00      | NR            | -     | -        | -                      | -        |
| Baitarani     | Champua             | 376.41            | 375.33        | 12:00      | 370.95        | S     | -5.46    | 379.06                 | 23.09.11 |
|               | Swampatna           | 311.1             | -             | 12:00      | NR            | -     | -        | 315.66                 | 14.08.75 |
|               | Anandapur           | 38.36             | 37.44         | 12:00      | 31.95         | S     | -6.41    | 41.35                  | 23.09.11 |
|               | Akhuapada           | 18.33             | 17.83         | 12:00      | 14.97         | S     | -3.36    | 21.95                  | 16.08.60 |
| Budhabalanga  | Chandanpur          | -                 | -             | 12:00      | 80.96         | S     | -        | 85.80                  | 09.11.95 |
|               | Baripada            | 30.92             | 29.7          | 12:00      | 21.32         | S     | -9.6     | 34.82                  | 13.10.13 |
|               | Balimundali         | -                 | -             | 12:00      | 35.96         | S     | -        | 42.20                  | 1995     |
|               | NH5-Govindapur      | 8.13              | 7.21          | 12:00      | 0.88          | R     | -7.25    | 9.67                   | 12.10.73 |
| Subarnarekha  | Jamshedpur          | 123.5             | 122.5         | 12:00      | NR            | S     | -        | 129.82                 | 12.10.73 |
|               | Jamsolaghat         | 49.16             | 48.32         | 12:00      | 43.62         | S     | -5.54    | 56.91                  | 03.09.78 |
|               | Rajghat             | 10.36             | 9.45          | 12:00      | 3.21          | S     | -7.15    | 12.69                  | 19.06.08 |
| Jalaka        | Mathani Road Bridge | 6.50              | 6.0           | 12:00      | NR            | -     | -        | 7.31                   | 22.09.21 |
| Rushikulya    | Sorada              | 81.99             | 80.99         | 12:00      | NR            | -     | -        | 83.21                  | 04.11.90 |
|               | Madhabarida         | 60.65             | -             | 12:00      | NR            | -     | -        | 61.44                  | 18.10.99 |
|               | Purusottampur       | 16.84             | 15.84         | 12:00      | 11.5          | S     | -5.34    | 19.60                  | 04.11.90 |
| Vansadhara    | Gudari              | -                 | -             | 12:00      | 114.16        | F     | -        | 121.82                 | 17.09.80 |
|               | Gunupur             | 84.0              | 83.0          | 12:00      | 80.16         | S     | -3.84    | 88.75                  | 17.09.80 |
|               | Kashinagar          | 54.6              | 54.1          | 12:00      | 52.31         | F     | -2.29    | 58.93                  | 18.09.80 |

## Status of Major Reservoirs

| Name of the Reservoir                | Name of the District | Dead Storage Level | FRL/ MWL                  | Reservoir Level | LS Available/ Live Storage Capacity (%)    | Last Year (2023) R.L/ Live Storage Avl (%) | Inflow        | Total Outflow | Gates Open (Nos)/ Trend |
|--------------------------------------|----------------------|--------------------|---------------------------|-----------------|--------------------------------------------|--------------------------------------------|---------------|---------------|-------------------------|
| <b>1.Hirakud 12:00Hr</b>             | Sambalpur            | 590.0 ft           | 630.0ft                   | 600.12 ft       | <u>703.0 Mcum</u><br>4822.83Mcum (15.0%)   | <u>602.69 ft</u><br>19.5%                  | 13056.0 Cusec | 1388.0 Cusec  | 0/98 Rising             |
| <b>2.Rengali 06:00Hr</b>             | Angul                | 109.72 m           | <u>123.5 m</u><br>125.4 m | 109.98 m.       | <u>3718.0Ham</u><br>341371.0 Ham (1.1%)    | <u>110.65 m</u><br>3.9%                    | 40.34 Cumec   | 40.34 Cumec   | 0/27 Constant           |
| <b>3.U. Indravati 08:00Hr</b>        | Nabrangpur           | 625.0 m            | <u>642 m</u><br>643 m     | 627.41 m.       | <u>15160.0 Ham</u><br>148550.0 Ham (10.2%) | <u>630.05 m</u><br>22.8%                   | 36.15 cumec   | 36.15 Cumec   | 0/12 Constant           |
| <b>4.UpperKolab 08:00Hr</b>          | Koraput              | 844.0 m            | 858.0 m                   | 849.56 m.       | <u>255.21 Mcum</u><br>935.0 Mcum (27.3%)   | <u>849.60 m</u><br>27.5%                   | 48.35 Cumec   | 15.56 Cumec   | 0/11 Rising             |
| <b>5.Balimela 08:00Hr</b>            | Malkangiri           | 1440.0 ft          | <u>1516 ft</u><br>1518 ft | 1453.8 ft       | <u>30824.0 Ham</u><br>267600.0 Ham (11.5%) | <u>1454.90 ft</u><br>12.5%                 | 4658.0 Cusec  | 4658.0 Cusec  | 0/12 Constant           |
| <b>6.Machhkund (Jalaput) 08:00Hr</b> | Malkangiri           | 2685.0 ft          | 2750.0 ft                 | 2698.4 ft       | <u>7951.93 Ham</u><br>89254.7 Ham (8.4%)   | <u>2700.15 ft</u><br>10.4%                 | 2308.10 Cusec | 532.64 Cusec  | 0/12 Rising             |
| <b>7.Salandi 06:00Hr</b>             | Keonjhar             | 50.24 m            | <u>82.3 m</u><br>83.21m   | 72.15 m.        | <u>26419.0 Ham</u><br>55650.0 Ham (47.5%)  | <u>71.88 m</u><br>46.3%                    | 4.98 Cumec    | 1.98 Cumec    | 0/11 Rising             |
| <b>8.LowerIndra 08:00Hr</b>          | Nuapada              | 251.0 m            | <u>265 m</u><br>265 m     | 261.05 m.       | <u>18730.3 Ham</u><br>148550.0 Ham (59.6%) | <u>260.51 m</u><br>54.0%                   | 3.94 cumec    | 1.3 Cumec     | 0/09 Rising             |

**Note:** Total Outflow consists of Irrigation, Spillway, Sluice, Power generation, Industrial & other supply and Evaporation loss \*U Indravati-7 gates, Muran Dam-5 gates (Total-12 Nos)

## Average Inflow into & Outflow from Reservoir

| Reservoir      | Inflow       | Outflow      | Observation Period                               |
|----------------|--------------|--------------|--------------------------------------------------|
| <b>Hirakud</b> | 5699.0 Cusec | 4241.0 Cusec | During last 24 Hrs ending 08:00Hrs of 29.06.2024 |
| <b>Rengali</b> | 40.34 Cumec  | 40.34 Cumec  | During last 24 Hrs ending 06:00Hrs of 29.06.2024 |

## Travel Time of Flow in Mahanadi River

|                    |               |                 |               |               |              |                |
|--------------------|---------------|-----------------|---------------|---------------|--------------|----------------|
| <b>Hirakud Dam</b> | <b>115 km</b> | <b>Khairmal</b> | <b>106 km</b> | <b>Barmul</b> | <b>95 km</b> | <b>Mundali</b> |
|                    | 12-18 Hrs     |                 | 12-16 Hrs     |               | 12-16 Hrs    |                |

## River Discharge

| Name of the River                         | G&D Site       | Time (Hrs) | Discharge (cusec) |
|-------------------------------------------|----------------|------------|-------------------|
| <b>Mahanadi<br/>(Up Stream Hirakud)</b>   | Champa         | 12:00      | BG                |
|                                           | Tarapur        | 12:00      | BG                |
|                                           | Saradihi       | 12:00      | BG                |
|                                           | Kalma          | 12:00      | NR                |
|                                           | Deogaon        | 12:00      | BG                |
| <b>Mahanadi<br/>(Down Stream Hirakud)</b> | Khairmal       | 12:00      | 8,500             |
|                                           | Barmul         | 12:00      | 14,500            |
|                                           | Mundali        | 12:00      | BG                |
| <b>Tel</b>                                | Patharla       | 12:00      | 14,590            |
| <b>Baitarani</b>                          | NH-5 Akhuapada | 12:00      | NR                |
| <b>Brahmani</b>                           | Pankapal       | 12:00      | NR                |
| <b>Subarnarekha</b>                       | Rajghat        | 12:00      | NR                |
| <b>Rushikulya</b>                         | Purusottampur  | 12:00      | NR                |

## Status of Medium Reservoir

| Sl. | Name of Dam / Reservoir | Available Live Storage (%) (Gates Open) | Sl. | Name of Dam / Reservoir | Available Live Storage (%) (Gates Open) | Sl. | Name of Dam / Reservoir | Available Live Storage (%) (Gates Open) |
|-----|-------------------------|-----------------------------------------|-----|-------------------------|-----------------------------------------|-----|-------------------------|-----------------------------------------|
| 1.  | Badanalla               | 35.2%                                   | 17. | Harabhangi              | 0.0%                                    | 33. | Ret                     | 24.6%                                   |
| 2.  | Baghalati               | 4.5%                                    | 18. | Harihorjore             | 21.7%                                   | 34. | Rukura                  | 53.0%                                   |
| 3.  | Baghua                  | 13.0%                                   | 19. | Jambira*                | 5.4%                                    | 35. | Saipala                 | 0.0%                                    |
| 4.  | Bankabahal              | 4.2%                                    | 20. | Jharbandh*              | 1.0%                                    | 36. | Salia*                  | 40.0%                                   |
| 5.  | Bhanjanagar             | 29.4%                                   | 21. | Kalo                    | 45.1%                                   | 37. | Sapua*                  | 75.0%                                   |
| 6.  | Bhaskel*                | 6.5%                                    | 22. | Kanjhari                | 26.4%                                   | 38. | Saraphgarh              | 18.1%                                   |
| 7.  | Budhabudhiani           | 37.0%                                   | 23. | Kansabahal              | 37.8%                                   | 39. | Satiguda*               | 12.6%                                   |
| 8.  | Dadarghati*             | 55.0%                                   | 24. | Khadkhai                | 42.4%                                   | 40. | Soroda*                 | 17.0%                                   |
| 9.  | Daha                    | 22.9%                                   | 25. | Kuanria                 | 22.6%                                   | 41. | Sunder                  | 11.7%                                   |
| 10. | Deo                     | 54.5%                                   | 26. | Mandira                 | 56.5%                                   | 42. | Sunei                   | 34.8%                                   |
| 11. | Derjang                 | 40.3%                                   | 27. | Manjore                 | 27.2%                                   | 43. | Talsara                 | 37.2%                                   |
| 12. | Dhanei*                 | 24.1%                                   | 28. | Nesa*                   | 34.8%                                   | 44. | Telengiri               | 19.5%                                   |
| 13. | Dumerbahal              | 2.9%                                    | 29. | Pilasalki*              | 14.6%                                   | 45. | Titlagarh               | 11.4%                                   |
| 14. | Ghodahada               | 3.5%                                    | 30. | Pitamahal*              | 52.6%                                   | 46. | Upper Jonk              | 0.0%                                    |
| 15. | Gohira                  | 5.6%                                    | 31. | Ramial                  | 22.8%                                   | 47. | Upper Suktel*           | 0.6%                                    |
| 16. | Haladia                 | 31.7%                                   | 32. | Remal                   | 37.8%                                   |     |                         |                                         |

Note: \*Un-gated Dams (13 Nos.)

Above 75%   
 Above 90%

**Medium Reservoir: 47 Nos.**

(Gated-34, Un-Gated-13),

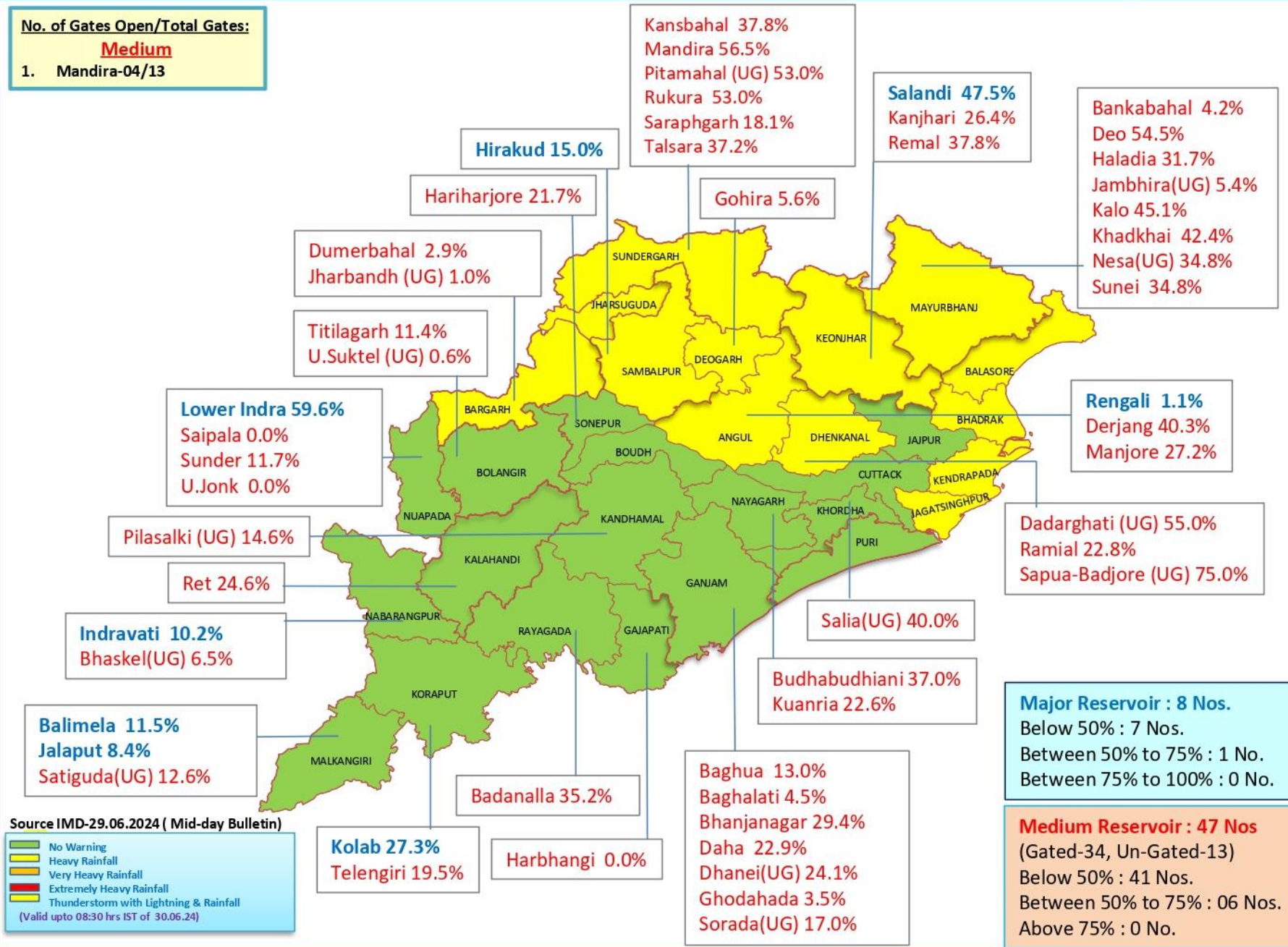
Below 50%: 41 Nos., Between 50% to 75%: 06 Nos., Above 75%: 0 Nos.

# AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (29.06.2024)

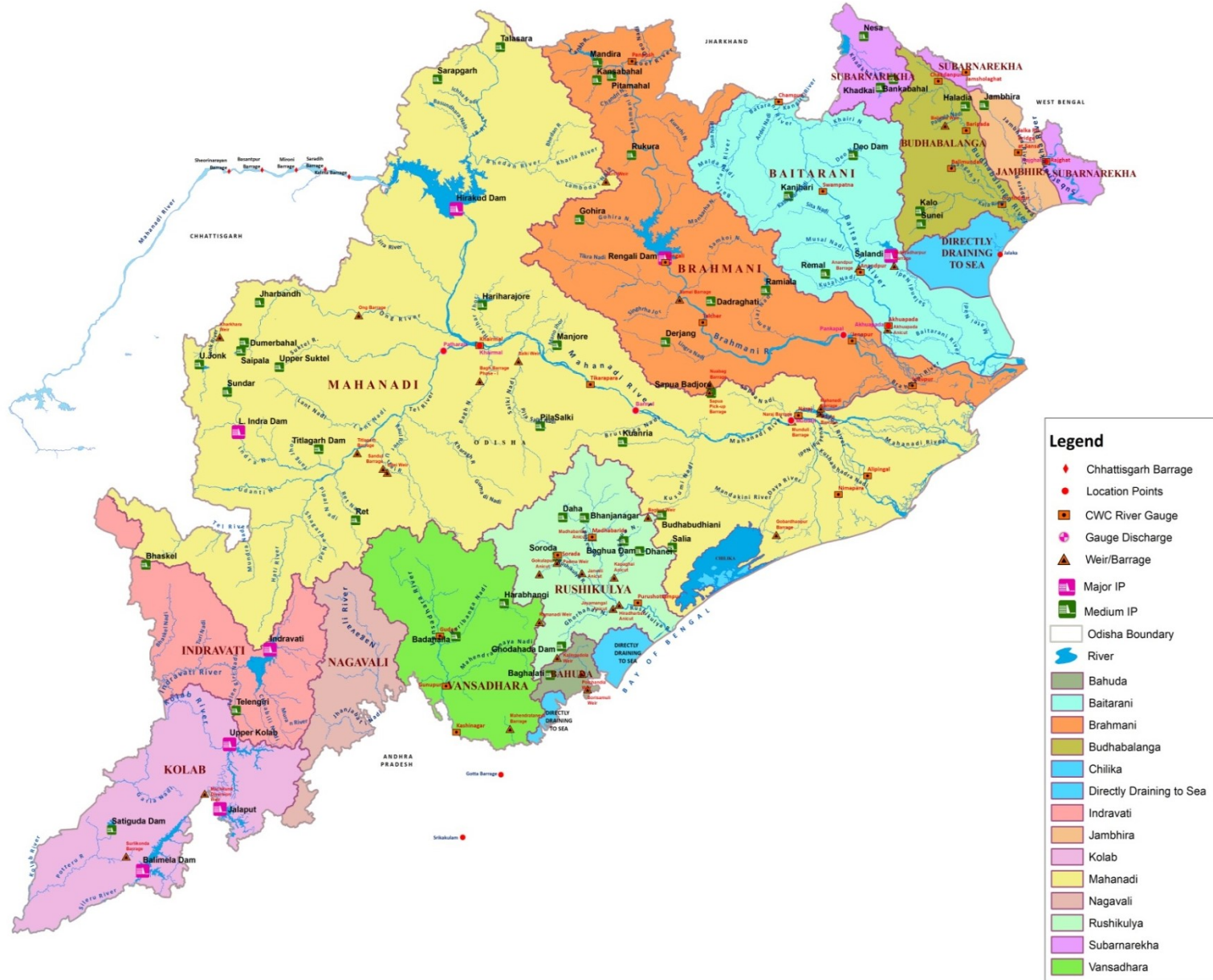
No. of Gates Open/Total Gates:

**Medium**

1. Mandira-04/13



# MAJOR & MEDIUM RESERVOIRS , G & D SITES IN ODISHA



भारत सरकार  
भारत मौसम विज्ञान विभाग  
(पृथ्वी विज्ञान मंत्रालय)  
पता : मौसम विज्ञान केन्द्र, भुवनेश्वर  
फोन न. २५९६०१० & २५९६११६  
फैक्स न. २५९६०१० & २५९६०९३



GOVERNMENT OF INDIA  
INDIA METEOROLOGICAL DEPARTMENT  
(Ministry of Earth Sciences)  
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Ref No: FM/HM Bulletin/29

Dated: 29/06/2024  
Time of Issue: 1300 hrs IST

## HYDROMET BULLETIN

### 1) Synoptic Situation

❖ The Low Pressure Area over Northwest Bay of Bengal off north Odisha coast now lies over Northwest Bay of Bengal adjoining north Odisha-Gangetic West Bengal coasts with the associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height.

### a) River Sub-basin-wise Quantitative Precipitation Forecast (QPF)

| S. No. | Basin Name     | Sub-basin Name | QPF (mm)            |                     |                     |                     |                     |                     |                     |
|--------|----------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|        |                |                | Day-1<br>(29.06.24) | Day-2<br>(30.06.24) | Day-3<br>(01.07.24) | Day-4<br>(02.07.24) | Day-5<br>(03.07.24) | Day-6<br>(04.07.24) | Day-7<br>(05.07.24) |
| 1      | BAITRANI       | BT             | 11-25               | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 11-25               | 0.1-10              |
| 2      | LOWER BRAHMANI | LB             | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 3      | UPPER BRAHMANI | UB             | 11-25               | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 11-25               | 0.1-10              |
| 4      | BHURABALANG    | BB             | 11-25               | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 5      | LOWER MAHANADI | LM             | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 6      | NAGAVALI       | NV             | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 11-25               |
| 7      | RUSHIKULIYA    | RK             | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 11-25               |
| 8      | SUBERNAREKHA   | SR             | 11-25               | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 9      | UPPER MAHANADI | UM             | 11-25               | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 11-25               | 0.1-10              |
| 10     | VAMSDHARA      | VD             | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 11-25               |

| PF categories (mm) | 0 | 0.1-10 | 11-25 | 26-37 | 38-50 | 51-75 | 76-100 | >100 |
|--------------------|---|--------|-------|-------|-------|-------|--------|------|
|--------------------|---|--------|-------|-------|-------|-------|--------|------|

## 2b) River Sub-basin-wise Intensity and Distribution of QPF

| S. No | Basin Name     | Sub-basin Name | Intensity (I) and Spatial Distribution (D) |     |                     |     |                     |      |                     |      |                     |     |                     |     |                     |     |
|-------|----------------|----------------|--------------------------------------------|-----|---------------------|-----|---------------------|------|---------------------|------|---------------------|-----|---------------------|-----|---------------------|-----|
|       |                |                | Day-1<br>(29.06.24)                        |     | Day-2<br>(30.06.24) |     | Day-3<br>(01.07.24) |      | Day-4<br>(02.07.24) |      | Day-5<br>(03.07.24) |     | Day-6<br>(04.07.24) |     | Day-7<br>(05.07.24) |     |
|       |                |                | I                                          | D   | I                   | D   | I                   | D    | I                   | D    | I                   | D   |                     |     |                     |     |
| 1     | BAITRANI       | BT             | M                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | M                   | SCT | L                   | SCT |
| 2     | LOWER BRAHMANI | LB             | L                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | L                   | SCT |
| 3     | UPPER BRAHMANI | UB             | M                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | M                   | SCT | L                   | SCT |
| 4     | BHURABALANG    | BB             | M                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | L                   | SCT |
| 5     | LOWER MAHANADI | LM             | L                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | L                   | SCT |
| 6     | NAGAVALI       | NV             | L                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | M                   | SCT |
| 7     | RUSHIKULIYA    | RK             | L                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | M                   | SCT |
| 8     | SUBERNAREKHA   | SR             | M                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | L                   | SCT |
| 9     | UPPER MAHANADI | UM             | M                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | M                   | SCT | L                   | SCT |
| 10    | VAMSDHARANG    | VD             | L                                          | FWS | L                   | SCT | L                   | ISOL | L                   | ISOL | L                   | SCT | L                   | SCT | M                   | SCT |

| Spatial Distribution |                   |                                                         |
|----------------------|-------------------|---------------------------------------------------------|
| DRY                  | Dry               | No station reported rainfall                            |
| ISOL                 | One or two places | 25% or less number of stations recorded rainfall 2.5 mm |
| SCT                  | At a few places   | 26%-50% number of stations recorded rainfall 2.5 mm     |
| FWS                  | At many places    | 51%-75% number of stations recorded rainfall 2.5 mm     |
| WS                   | At most places    | 76%-100% number of stations recorded rainfall 2.5 mm    |

| Intensity |                              |                                                                                                                                                                                                         |    |                     |
|-----------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|
| M.Dry     | NIL                          | 0 cm                                                                                                                                                                                                    | VL | Very Light Rainfall |
| L         | Light Rainfall               | Upto 1 cm                                                                                                                                                                                               | M  | Moderate Rainfall   |
| H         | Heavy Rainfall               | 7-11 cm                                                                                                                                                                                                 | VH | Very Heavy rainfall |
| EH        | Extremely Heavy Rainfall     | 21 cm or more                                                                                                                                                                                           |    |                     |
| ExH       | Exceptionally Heavy Rainfall | When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm. |    |                     |

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

### 3) River Sub-basin-wise Heavy Rainfall Warning

| S. No | Basin Name     | Sub-basin Name | Day-1<br>(29.06.24) |      | Day-2<br>(30.06.24) |      | Day-3<br>(01.07.24) |     | Day-4<br>(02.07.24) |     | Day-5<br>(03.07.24) |     | Day-6<br>(04.07.24) |     | Day-7<br>(05.07.24) |     |
|-------|----------------|----------------|---------------------|------|---------------------|------|---------------------|-----|---------------------|-----|---------------------|-----|---------------------|-----|---------------------|-----|
|       |                |                | I                   | D    | I                   | D    | I                   | D   | I                   | D   | I                   | D   | I                   | D   | I                   | D   |
| 1     | BAITRANI       | BT             | VH                  | ISOL | H                   | ISOL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 2     | LOWER BRAHMANI | LB             | H                   | ISOL | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 3     | UPPER BRAHMANI | UB             | H                   | ISOL | H                   | ISOL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 4     | BHURABALAN G   | BB             | VH                  | ISOL | H                   | ISOL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 5     | LOWER MAHANADI | LM             | NIL                 | NIL  | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 6     | NAGAVALI       | NV             | NIL                 | NIL  | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 7     | RUSHIKULIYA    | RK             | NIL                 | NIL  | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 8     | SUBERNAREK HA  | SR             | NIL                 | NIL  | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 9     | UPPER MAHANADI | UM             | H                   | ISOL | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |
| 10    | VAMSDHARA      | VD             | NIL                 | NIL  | NIL                 | NIL  | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL | NIL                 | NIL |

#### Spatial Distribution

|      |                   |                                                         |
|------|-------------------|---------------------------------------------------------|
| DRY  | Dry               | No station reported rainfall                            |
| ISOL | One or two places | 25% or less number of stations recorded rainfall 2.5 mm |
| SCT  | At a few places   | 26%-50% number of stations recorded rainfall 2.5 mm     |
| FWS  | At many places    | 51%-75% number of stations recorded rainfall 2.5 mm     |
| WS   | At most places    | 76%-100% number of stations recorded rainfall 2.5 mm    |

#### Intensity

|       |                              |                                                                                                                                                                                                         |    |                     |          |
|-------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|----------|
| M.Dry | NIL                          | 0 cm                                                                                                                                                                                                    | VL | Very Light Rainfall | Trace    |
| L     | Light Rainfall               | Upto 1 cm                                                                                                                                                                                               | M  | Moderate Rainfall   | 2-6 cm   |
| H     | Heavy Rainfall               | 7-11 cm                                                                                                                                                                                                 | VH | Very Heavy rainfall | 12-20 cm |
| EH    | Extremely Heavy Rainfall     | 21 cm or more                                                                                                                                                                                           |    |                     |          |
| ExH   | Exceptionally Heavy Rainfall | When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm. |    |                     |          |

#### 4) River Sub-basin-wise Probabilistic QPF

| Basin Name     | Sub-basin Name | QPF Probability (%)                       |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
|----------------|----------------|-------------------------------------------|--------|-------|-------|--------|-------------------------------------------|---|--------|-------|-------|-------------------------------------------|------|---|--------|-------|-------------------------------------------|--------|------|---|--------|-------------------------------------------|-------|--------|------|---|-------------------------------------------|-------|-------|--------|------|-------------------------------------------|--------|-------|-------|--------|------|
|                |                | Day-1<br>(29.06.2024)<br>(QPF categories) |        |       |       |        | Day-2<br>(30.06.2024)<br>(QPF categories) |   |        |       |       | Day-3<br>(01.07.2024)<br>(QPF categories) |      |   |        |       | Day-4<br>(02.07.2024)<br>(QPF categories) |        |      |   |        | Day-5<br>(03.07.2024)<br>(QPF categories) |       |        |      |   | Day-6<br>(04.07.2024)<br>(QPF categories) |       |       |        |      | Day-7<br>(05.07.2024)<br>(QPF categories) |        |       |       |        |      |
|                |                | 0                                         | 0.1-10 | 11-25 | 26-50 | 51-100 | >100                                      | 0 | 0.1-10 | 11-25 | 26-50 | 51-100                                    | >100 | 0 | 0.1-10 | 11-25 | 26-50                                     | 51-100 | >100 | 0 | 0.1-10 | 11-25                                     | 26-50 | 51-100 | >100 | 0 | 0.1-10                                    | 11-25 | 26-50 | 51-100 | >100 | 0                                         | 0.1-10 | 11-25 | 26-50 | 51-100 | >100 |
| BAITRANI       | B T            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| LOWER BRAHMANI | L B            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| UPPER BRAHMANI | U B            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| BHURABALANG    | B B            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| LOWER MAHANADI | L M            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| NAGAVALI       | N V            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| RUSHIKULIYA    | R K            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| SUBERNAREKHA   | S R            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| UPPER MAHANADI | U M            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |
| VAMSDHARA      | V D            |                                           |        |       |       |        |                                           |   |        |       |       |                                           |      |   |        |       |                                           |        |      |   |        |                                           |       |        |      |   |                                           |       |       |        |      |                                           |        |       |       |        |      |

|                               |     |      |       |       |        |
|-------------------------------|-----|------|-------|-------|--------|
| Probability of occurrence (%) | 0-5 | 5-25 | 25-50 | 50-75 | 75-100 |
|-------------------------------|-----|------|-------|-------|--------|

**5) Station-wise significant rainfall recorded at 0830 hrs IST of today**

| S. NO . | NAME OF SUB-BASIN | NAME OF STATION AND RAINFALL ( ≥50 MM. )                                                                                                                                                                                                                                                                             |
|---------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | BAITRANI          | ANANDAPUR(120.8),GHASIPURA(98.2)                                                                                                                                                                                                                                                                                     |
| 2       | LOWER BRAHMANI    | ANGUL(109),BARKOTE(82.4),REAMAL(73)                                                                                                                                                                                                                                                                                  |
| 3       | LOWER MAHANADI    | BHAPUR(175.3),DUNGURIPALI(143),SALBHATTA(85.2),GUDVELA(76),JHARBANDH(75),SAINTALA(75),BHATALI(71),PADAMPUR(64),KHAPRAKHOL(64),DEOGAON(63),RANPUR(62.4),NUAUGAON(60.3),AGALPUR(55),SATYABADI(54),GAISILETE(54),BIJEPUR(54),NARASINGHPUR(53),HARABHANGA(52.4),DASHPALLA(52.2),LOISINGHA(51),BARGARH(50.6),BALIKUDA(50) |
| 4       | RUSHIKULIYA       | POLASARA(63.2)                                                                                                                                                                                                                                                                                                       |
| 5       | UPPER MAHANADI    | BASANTAPUR(111),Masturi(68.4),BAMNIDIHI(66.8),TANGARPALI(65.2),DEOGAON(56),SARANGARH(55.9),KUTRA(55)                                                                                                                                                                                                                 |

**6) River Sub-basin-wise observed Average Areal Precipitation (AAP) of today**

| S. No. | Basin Name     | Sub-basin Name | AAP (mm) |
|--------|----------------|----------------|----------|
| 1      | BAITRANI       | BT             | 10.5     |
| 2      | LOWER BRAHMANI | LB             | 16.9     |
| 3      | UPPER BRAHMANI | UB             | 9.5      |
| 4      | BHURABALANG    | BB             | 3.1      |
| 5      | LOWER MAHANADI | LM             | 19.8     |
| 6      | NAGAVALI       | NV             | 5.4      |
| 7      | RUSHIKULIYA    | RK             | 10.4     |
| 8      | SUBERNAREKHA   | SR             | 4.1      |
| 9      | UPPER MAHANADI | UM             | 11.7     |
| 10     | VAMSDHARA      | VD             | 6.8      |

(DUTY OFFICER)  
for Scientist-F & Head  
FLOOD MET.OFFICE  
M.C Bhubaneswar

**Date:-29.06.2024**

| Sl No          | Name of Stations | Rainfall (in mm) |
|----------------|------------------|------------------|
| UPPER MAHANADI |                  |                  |
| 1              | AMBABHONA        | 17.0             |
| 2              | ANDHIARKHOR      | 0.0              |
| 3              | BAIKUNTHAPUR     | 0.0              |
| 4              | BAMNIDIHI        | 66.8             |
| 5              | BANGODAM         | NR               |
| 6              | BARAGAON         | 1.2              |
| 7              | BASANTAPUR       | 111.0            |
| 8              | BORANDA          | 0.0              |
| 9              | DEOGAON (IRRI)   | 15.0             |
| 10             | DEOGAON (CWC)    | 56.0             |
| 11             | DHARAMJAYGARH    | NR               |
| 12             | GHATORA          | 0.0              |
| 13             | HEMGIRI          | 0.0              |
| 14             | JAMADARPALLI     | NR               |
| 15             | JAMANKIRA        | 2.0              |
| 16             | JHARSUGUDA (IMD) | 38.8             |
| 17             | KORBA            | 0.0              |
| 18             | KUCHINDA         | 10.0             |
| 19             | KURUBHATTA       | 15.0             |
| 20             | KELO             | NR               |
| 21             | MANENDRAGARH     | 0.0              |
| 22             | MAHULPALI        | 12.6             |
| 23             | NAWAPARA         | 25.0             |
| 24             | LAKERA           | 28.8             |
| 25             | Gundardehi       | 0.0              |
| 26             | Doundi           | 1.2              |
| 27             | Gurur            | 0.0              |
| 28             | DONDILOHARA      | 0.0              |
| 29             | BALOD            | 0.0              |
| 30             | PALLARI/PALARI   | 39.6             |
| 31             | BALODA BAZAR     | 24.0             |
| 32             | Kasdole          | 26.0             |
| 33             | Bilaigarh        | 37.7             |
| 34             | Bhatapara        | 26.0             |
| 35             | Darbha           | 0.0              |
| 36             | Saja             | 2.8              |
| 37             | Berla            | 1.4              |
| 38             | Nawagarh         | 1.8              |
| 39             | Than Khamaria    | 0.0              |
| 40             | BEMETARA         | 0.0              |
| 41             | Masturi          | 68.4             |
| 42             | Bilha            | 1.5              |
| 43             | Kota             | 2.1              |
| 44             | Takhatpur        | 1.1              |
| 45             | BILASPUR         | 3.2              |
| 46             | Kurud            | 0.0              |
| 47             | Nagari           | 0.0              |
| 48             | Magarlod         | 0.0              |
| 49             | DHAMTARI         | 0.0              |
| 50             | Patan            | 1.1              |
| 51             | Dhamdha          | 0.0              |
| 52             | DURG             | 7.2              |
| 53             | DEOBHOG          | 29.8             |
| 54             | GARIABUND        | 0.0              |
| 55             | Chhura           | 0.6              |
| 56             | Mainpur          | 0.0              |
| 57             | Akaltara         | 1.0              |
| 58             | Pamgarh          | 5.0              |
| 59             | Baloda           | 3.1              |
| 60             | Jaijaipur        | 14.6             |
| 61             | Malkharoda       | 8.9              |
| 62             | Dhabhara         | 18.7             |
| 63             | SAKTI            | 17.9             |
| 64             | JANJIGIR         | 5.0              |
| 65             | CHAMPA           | 22.3             |
| 66             | Manora           | 0.0              |
| 67             | Bagicha          | 4.0              |
| 68             | Duldula          | 0.0              |
| 69             | Kunkuri          | 0.0              |
| 70             | Kansabel         | 0.0              |
| 71             | Tapkara          | 4.0              |
|                |                  |                  |

| Sl No          | Name of Stations | Rainfall (in mm) |
|----------------|------------------|------------------|
| UPPER MAHANADI |                  |                  |
| 72             | PATHALGAON       | 0.0              |
| 73             | JASHPURNAGAR     | 0.0              |
| 74             | Bodla            | 3.2              |
| 75             | Sahaspurlohara   | 5.8              |
| 76             | Pandaria         | 3.0              |
| 77             | KAWARDHA         | 4.3              |
| 78             | Charama          | 0.0              |
| 79             | Nerharpur        | 0.0              |
| 80             | Poudi Uparora    | 7.4              |
| 81             | Kartala          | 18.9             |
| 82             | PALI             | 9.0              |
| 83             | KATGHORA         | 0.0              |
| 84             | Sonhat           | 23.8             |
| 85             | Khadgava         | 26.3             |
| 86             | Pithora          | 16.5             |
| 87             | Bagbahara        | 13.5             |
| 88             | Basana           | 14.5             |
| 89             | MAHASAMUND       | 16.0             |
| 90             | SARAIPALI        | 8.3              |
| 91             | Patharia         | 2.0              |
| 92             | Lormi            | 2.0              |
| 93             | MUNGELI          | 0.0              |
| 94             | Kharsiya         | 10.9             |
| 95             | Lailunga         | 10.3             |
| 96             | Pusaur           | 34.1             |
| 97             | Baramkela        | 46.2             |
| 98             | Tamnar           | 6.6              |
| 99             | SARANGARH        | 55.9             |
| 100            | RAIGARH          | 16.9             |
| 101            | GHARGHODA        | 11.7             |
| 102            | MANA-RAIPUR-AP   | 2.5              |
| 103            | ARANG            | 20.1             |
| 104            | Tilda            | 36.3             |
| 105            | Abhanpur         | 2.9              |
| 106            | Chhui khadan     | 0.0              |
| 107            | Khairagarh       | 2.4              |
| 108            | Chhuria          | 0.0              |
| 109            | RAJNANDGAON      | 1.0              |
| 110            | DONGARGARH       | 1.3              |
| 111            | DONGARGAON       | 0.0              |
| 112            | GANDAI           | 0.0              |
| 113            | AMBAGARH CHOWKI  | 1.4              |
| 114            | Premnagar        | 8.3              |
| 115            | Ramanujnagar     | 0.0              |
| 116            | Batoli           | 8.2              |
| 117            | Sitapur          | 1.0              |
| 118            | Lundra           | 2.9              |
| 119            | KOLABIRA         | 3.2              |
| 120            | PARMANPUR        | 0.0              |
| 121            | PENDRA RD (CWC)  | 6.2              |
| 122            | RAIPUR(IMD)      | 2.4              |
| 123            | RAIPUR (CWC)     | 0.0              |
| 124            | RAJIM            | 2.8              |
| 125            | RAMPUR           | 8.8              |
| 126            | SANKARA          | 34.8             |
| 127            | SEORINARAYAN     | 6.8              |
| 128            | SIMGA            | 22.2             |
| 129            | SUNDERGARH (IMD) | 20.4             |
| 130            | SUND-RH (CWC)    | 0.4              |
| 131            | SURAJGARH        | NR               |
| 132            | THETTANG         | 19.8             |
| 133            | GOPALPUR         | NR               |
| 134            | ZONDRA           | NR               |
| 135            | BALISANKRA       | 23.2             |
| 136            | BAMRA            | 20.4             |
| 137            | LEPHRIPARA       | 7.0              |
| 138            | KUTRA            | 55.0             |
| 139            | TANGARPALI       | 65.2             |
| 140            | KIRMIRA          | 14.0             |
| 141            | LAKHANPUR        | 27.0             |
|                |                  |                  |
|                |                  |                  |

| Sl No          | Name of Stations  | Rainfall (in mm) |
|----------------|-------------------|------------------|
| LOWER MAHANADI |                   |                  |
| 1              | SATYABADI         | 54.0             |
| 2              | DERABIS           | 0.0              |
| 3              | JHARBANDH         | 75.0             |
| 4              | GAISILETE         | 54.0             |
| 5              | PHIRINGIA         | 5.0              |
| 6              | ALIPINGAL         | 1.2              |
| 7              | ARMPUR            | 33.4             |
| 8              | ATHAGARH          | 5.0              |
| 9              | ATHAMALIK         | 10.2             |
| 10             | BALIGUDA          | 16.0             |
| 11             | BANPUR            | 0.0              |
| 12             | BARGARH           | 50.6             |
| 13             | BARMUL            | 16.4             |
| 14             | BELGAON           | 0.0              |
| 15             | BHAWANIPATNA(IMD) | 21.8             |
| 16             | BHUBANESWAR (IMD) | TRACE            |
| 17             | BIJEPUR           | 54.0             |
| 18             | BINIKA            | 17.2             |
| 19             | BOLANGIR (IMD)    | 42.0             |
| 20             | BOUDA GARH        | 8.2              |
| 21             | BURLA (CWC)       | 0.0              |
| 22             | BURLA (IRRI)      | 0.0              |
| 23             | CUTTACK (IMD)     | 0.0              |
| 24             | CHILIKA           | 0.0              |
| 25             | DASHPALLA         | 52.2             |
| 26             | DUNGURIPALI       | 143.0            |
| 27             | GOP               | 15.0             |
| 28             | HARABHANGA        | 52.4             |
| 29             | HIRAKUD (IMD)     | 0.2              |
| 30             | JAIPATNA          | 10.0             |
| 31             | JUNAGARH          | 21.4             |
| 32             | KAKATPUR          | 6.0              |
| 33             | KALINGA           | NR               |
| 34             | KANAS             | NR               |
| 35             | KANTAMAL (BDO)    | 37.0             |
| 36             | KANTAMAL (CWC)    | 42.8             |
| 37             | KENDRAPARA        | 1.0              |
| 38             | KENDRAPARA (PTO)  | 0.0              |
| 39             | KESINGA           | 3.0              |
| 40             | KHANDAPADA* (BDO) | 13.2             |
| 41             | KHANDAPADA (CWC)  | NR               |
| 42             | KHARIAR           | 0.0              |
| 43             | KHAIRMAL (IRR)    | 14.0             |
| 44             | KHAIRMAL (CWC)    | 16.4             |
| 45             | KOMNA             | 0.0              |
| 46             | M. RAMPUR         | 6.0              |
| 47             | MUNDALI           | 1.6              |
| 48             | NARAJ             | 15.6             |
| 49             | NARASINGHPUR      | 53.0             |
| 50             | NAYAGARH          | 33.0             |
| 51             | NIMAPARA          | 4.2              |
| 52             | PADAMPUR          | 64.0             |
| 53             | PADMABATI         | 4.0              |
| 54             | PAIKAMAL          | 27.0             |
| 55             | PARADEEP (IMD)    | 8.4              |
| 56             | G.UDAYGIRI        | 0.0              |
| 57             | PATNA GARH        | 27.0             |
| 58             | PATAMUNDAI        | 2.6              |
| 59             | PHULBANI (IMD)    | 9.4              |
| 60             | PHULBANI (CWC)    | NR               |
| 61             | PIPILI            | 22.0             |
| 62             | PURI (IMD)        | 4.0              |
| 63             | RAIRAKHOL         | 6.0              |
| 64             | R.K NAGAR         | 12.6             |
| 65             | RANPUR            | 62.4             |
| 66             | SALBHATTA         | 85.2             |
| 67             | SAMBALPUR (IMD)   | 0.4              |
| 68             | SOHELA            | 32.0             |
| 69             | SONEPUR           | 24.0             |
| 70             | TANGI             | 0.0              |
| 71             | TIKABALI          | 0.0              |

[illegible]

**Date:-29.06.2024**

| Sl No          | Name of Stations  | Rainfall (in mm) |
|----------------|-------------------|------------------|
| UPPER BRAHMANI |                   |                  |
| 1              | MANORA            | 0.0              |
| 2              | LAHUNIPARA        | 7.0              |
| 3              | PALLAHARA         | 6.8              |
| 4              | PANPOSH           | 5.8              |
| 5              | RAJGANGA PUR      | 1.2              |
| 6              | BARKOTE           | 82.4             |
| 7              | BONAI             | 0.0              |
| 8              | DEOGARH           | 26.0             |
| 9              | MANDIRADAM        | 9.8              |
| 10             | TENSA             | 9.8              |
| 11             | LATHIKATA         | 9.0              |
| 12             | JODA              | 0.0              |
| 13             | GURUNDIA          | 2.4              |
| 14             | PALKOT            | 0.0              |
| 15             | RAIDIH            | 0.0              |
| 16             | KURU              | 0.0              |
| 17             | LOHARDAGA         | 0.0              |
| 18             | MANDAR            | 0.0              |
| 19             | KOLEBIRA          | 0.0              |
| 20             | KURDEG            | 0.0              |
| 21             | SIMDEGA           | 0.0              |
| 22             | JASHPURNAGAR      | 0.0              |
| 23             | RAURKELA(Airport) | 8.1              |
|                |                   |                  |
| LOWER BRAHMANI |                   |                  |
| 1              | REAMAL            | 73.0             |
| 2              | RENGALI           | NR               |
| 3              | ALTUMA            | 0.0              |
| 4              | ANGUL (IMD)       | 109.0            |
| 5              | BATAGAON          | 5.5              |
| 6              | CHHENDIPADA       | 11.0             |
| 7              | DHENKANAL         | 0.0              |
| 8              | DHENKANAL (PTO)   | 0.0              |
| 9              | HINDOL            | 35.1             |
| 10             | JENAPUR           | 40.8             |
| 11             | KAMAKHYA NGR      | 2.3              |
| 12             | NAKTIDEUL         | 26.0             |
| 13             | SUKINDA           | 28.0             |
| 14             | TALCHER           | 16.0             |
| 15             | TELKOI            | 20.0             |
| 16             | KANKADAHAD        | 16.0             |
| 17             | JAJPUR            | 0.0              |
| 18             | JAJPUR (PTO)      | 0.0              |
| 19             | RAJ KANIKA        | 0.0              |
| 20             | AUL               | 0.0              |
| 21             | RAJNAGAR          | 31.0             |
| 22             | BANARPAL          | 5.4              |
| 23             | KANIHA            | 10.5             |
| 24             | PARJANG           | 18.0             |
| 25             | GONDIA            | 0.0              |
| 26             | BHUBAN            | 22.0             |
| 27             | DANAGADI          | 19.0             |
| 28             | KOREI             | 0.0              |
| 29             | CHANDIKHOL        | 5.0              |
| 30             | BARI              | 3.8              |
| 31             | BINJHARPUR        | 0.0              |
|                |                   |                  |

[illegible]

| Sl No      | Name of Stations  | Rainfall (in mm) |
|------------|-------------------|------------------|
| RUSHIKULYA |                   |                  |
| 1          | BUGUDA            | 0.0              |
| 2          | ASKA              | 4.8              |
| 3          | BERHAMPUR         | 14.4             |
| 4          | BHANJANAGAR       | 3.0              |
| 5          | CHHATRAPUR        | 3.0              |
| 6          | DARINGIBADI       | 9.0              |
| 7          | GOPALPUR (IMD)    | TR               |
| 8          | MADHABARIDA       | NR               |
| 9          | PUSOTTAMPUR       | 49.4             |
| 10         | DIGAPAHANDI       | 1.5              |
| 11         | JAGANNATHPRASAD   | 0.0              |
| 12         | SORADA            | NR               |
| 13         | POLASARA          | 63.2             |
| 14         | KODALA            | 23.0             |
| 15         | RANGEILUNDA       | 1.0              |
| 16         | KUKUDAHANDI       | TR               |
| 17         | PATRAPUR          | 0.0              |
| 18         | SANKHEIMUNDI      | 0.0              |
| 19         | DHARAKOTE         | 0.0              |
| 20         | SHERAGADA         | 1.0              |
| 21         | GANJAM            | 11.0             |
| 22         | BELAGUNTHA        | 0.0              |
| 23         | HINJILI           | 1.5              |
|            |                   |                  |
|            |                   |                  |
|            |                   |                  |
|            |                   |                  |
|            |                   |                  |
| VANSADHARA |                   |                  |
| 1          | AMBADOLA          | NR               |
| 2          | BISSAM CUTTACK    | 31.0             |
| 3          | GOTTA BARRAGE     | 0.2              |
| 4          | GUDARI            | 0.0              |
| 5          | GUNUPUR           | 0.0              |
| 6          | KALINGA-NAM (IMD) | 0.0              |
| 7          | KASHINAGAR        | 4.0              |
| 8          | KOTAGARH          | 7.0              |
| 9          | KOTRAGUDA         | 0.8              |
| 10         | MAHENDRAGARH      | NR               |
| 11         | MOHANA            | NR               |
| 12         | PARAKHEMUNDI      | 0.0              |
| 13         | R.GUDA            | 0.0              |
| 14         | NUAGADA           | 0.0              |
| 15         | MUNIGUDA          | 0.0              |
| 16         | R.UDAYAGIRI       | 0.0              |
| 17         | LANJIGARH         | 30.4             |
| 18         | NELIAPUTY         | NR               |
| 19         | SIRJHOLY          | NR               |
| 20         | GUMMA             | 0.0              |
| 21         | GOSANI            | 0.0              |
| 22         | CHADRAPUR         | 10.4             |
| 23         | Balajipeta        | 2.4              |
|            |                   |                  |
|            |                   |                  |
|            |                   |                  |
|            |                   |                  |
|            |                   |                  |

| Sl No        | Name of Stations | Rainfall (in mm) |
|--------------|------------------|------------------|
| SUBERNAREKHA |                  |                  |
| 1            | SARASAKANA       | 0.0              |
| 2            | BHOGARAI         | 0.0              |
| 3            | FEKOGHAT         | 4.4              |
| 4            | GHATSILA         | 0.4              |
| 5            | JALESWAR         | 0.0              |
| 6            | JAMSEDPUR (IMD)  | 0.0              |
| 7            | JAMSEDPUR (CWC)  | 0.8              |
| 8            | JAMSOLAGHAT      | 0.0              |
| 9            | RAIRANG PUR      | 3.0              |
| 10           | RAJGHAT          | 7.0              |
| 11           | RANCHI           | 0.0              |
| 12           | TIRING           | 0.0              |
| 13           | BIJATALA         | 0.0              |
| 14           | KUSUMI           | 0.0              |
| 15           | JAMDA            | 2.0              |
| 16           | ARKI             | 0.0              |
| 17           | ICAR NAMKUM      | 0.0              |
| 18           | ORMANJHI         | 0.0              |
| 19           | CHANDIL          | 0.0              |
| 20           | KHARSEMA         | 4.6              |
| 21           | NIMDIH           | 0.0              |
| 22           | CHAIBASA         | 8.3              |
| 23           | CHAKRADHARPUR    | 0.0              |
| 24           | BAHALDA          | 0.0              |
|              |                  |                  |
|              |                  |                  |
|              |                  |                  |
|              |                  |                  |
| BUDHABALANGA |                  |                  |
| 1            | BALASORE (IMD)   | 0.0              |
| 2            | BALASORE (CWC)   | 0.0              |
| 3            | BALIMUNDALI      | 0.0              |
| 4            | BANGIRIPOSHI     | 0.0              |
| 5            | BARIPADA (IMD)   | 1.8              |
| 6            | BARIPADA (CWC)   | 0.0              |
| 7            | CHANDANPUR       | 1.6              |
| 8            | JAIPUR           | 0.0              |
| 9            | NAWANA           | 0.0              |
| 10           | NH-5, GOVINDPUR  | 11.0             |
| 11           | NILGIRI          | 0.0              |
| 12           | SORO             | 0.0              |
| 13           | BETANATI         | 0.0              |
| 14           | UDALA            | 0.0              |
| 15           | BAHANAGA         | 0.0              |
| 16           | KHAIRA           | 0.0              |
| 17           | MURUDA           | 1.5              |
| 18           | SULIAPADA        | 0.0              |
| 19           | G.B.NAGAR        | 0.0              |
| 20           | REMUNA           | 0.0              |
| 21           | SAMAKHUNTA       | 0.0              |
| 22           | BASUDEVPUR       | 2.0              |
| 23           | CHANDUA(KULIANA) | 0.0              |
| 24           | RASAGOVINDAPUR   | 3.5              |
| 25           | OUPADA           | 0.0              |
|              |                  |                  |
|              |                  |                  |
|              |                  |                  |

Source:-Met Centre Bhubaneswar

## BLOCKWISE RAINFALL FOR PAST 24 HRS ENDING AT 0830 HRS OF DATE

Date:29.06.24

| SI No       | Name of Stations | Rainfall (in mm) | SI No             | Name of Stations | Rainfall (in mm) | SI No          | Name of Stations | Rainfall (in mm) | SI No           | Name of Stations | Rainfall (in mm) |
|-------------|------------------|------------------|-------------------|------------------|------------------|----------------|------------------|------------------|-----------------|------------------|------------------|
| 1. ANGUL    |                  |                  | 8. DEOGARH        |                  |                  | 21. MALKANGIRI |                  |                  | 27. RAYAGADA    |                  |                  |
| 1           | Angul            | 109.0            | 1                 | Barkote          | 82.4             | 4              | Madanpur Rampur  | 6.0              | 1               | Rayagada         | 0.6              |
| 2           | Banarpal         | 5.4              | 2                 | Deogarh          | 26.0             | 5              | Narla            | 0.0              | 2               | Kolnara          | 0.0              |
| 3           | Chhendipada      | 11.0             | 3                 | Reamal           | 73.0             | 6              | Lanjigarh        | 30.4             | 3               | Kalyansingpur    | 5.2              |
| 4           | Talcher          | 16.0             | Avg 60.5          |                  |                  | 7              | Thumal Rampur    | 39.0             | 4               | Kashipur         | 12.0             |
| 5           | Kaniha           | 10.5             | 9. DHENKANAL      |                  |                  | 8              | Dharmagarh       | 9.0              | 5               | Gunupur          | 3.0              |
| 6           | Athamalik        | 10.2             | 1                 | Dhenkanal        | 0.0              | 9              | Junagarh         | 21.4             | 6               | Padmapur         | 0.0              |
| 7           | Kishorenagar     | 12.6             | 2                 | Gondia           | 0.0              | 10             | Kalampur         | 0.0              | 7               | Gudari           | 0.0              |
| 8           | Pallahara        | 6.8              | 3                 | Odapada          | 8.0              | 11             | Jayapatna        | 10.0             | 8               | Ramanaguda       | 0.0              |
| Avg         |                  | 22.7             | 4                 | Hindol           | 35.1             | 12             | Kokasara         | 4.0              | 22. MAYURBHANJ  |                  |                  |
| 2. BALASORE |                  |                  | 5                 | Kamakhyanagar    | 2.3              | Avg 13.6       |                  |                  | 1               | Samakhunta       | 0.0              |
| 1           | Bhograi          | 0.0              | 6                 | Bhuban           | 22.0             | 16. KANDHAMAL  |                  |                  | 2               | Badasahi         | 1.0              |
| 2           | Basta            | 5.0              | 7                 | Parjang          | 18.0             | 1              | Baliguda         | 16.0             | 3               | Betanati         | 0.0              |
| 3           | Jaleswar         | 0.0              | 8                 | Kankadahad       | 16.0             | 2              | Chakapad         | 4.2              | 4               | Morda            | 1.5              |
| 4           | Baliapal         | 0.0              | Avg 12.7          |                  |                  | 3              | Daringibadi      | 9.0              | 5               | Rasgovindapur    | 3.5              |
| 5           | Balasore         | 0.0              | 10. GAJAPATI      |                  |                  | 4              | G.Udayagiri      | 0.0              | 6               | Kuliana          | 0.0              |
| 6           | Remuna           | 0.0              | 1                 | Kasinagar        | 17.6             | 5              | Khajuripada      | 14.2             | 7               | Sarasakana       | 0.0              |
| 7           | Nilagiri         | 0.0              | 2                 | Paralakhemundi   | 0.0              | 6              | Kotagarh         | 7.0              | 8               | Suliapada        | 0.0              |
| 8           | Soro             | 0.0              | 3                 | Rayagada         | 2.0              | 7              | Nuagaon          | 7.4              | 9               | Bangriposi       | 0.0              |
| 9           | Bahanaga         | 0.0              | 4                 | Gumma            | 0.0              | 8              | Phiringia        | 5.0              | 10              | Baripada         | 1.0              |
| 10          | Simulia          | 0.0              | 5                 | Nuagada          | 0.0              | 9              | Phulbani         | 9.4              | 11              | Khunta           | 0.0              |
| 11          | Khaira           | 0.0              | 6                 | R.Udaygiri       | 0.0              | 10             | Raikia           | 1.2              | 12              | Gopabandhunagar  | 0.0              |
| 12          | Oupada           | 0.0              | 7                 | Mohana           | 0.0              | 11             | Tikabali         | 0.0              | 13              | Udala            | 0.0              |
| Avg         |                  | 0.4              | 8                 | Gosani           | 0.0              | 12             | Tumudibandh      | 1.6              | 14              | Kaptipada        | 0.0              |
| 3. BARGARH  |                  |                  | Avg 2.5           |                  |                  | Avg 6.3        |                  |                  | 15              | Besoi            | 3.0              |
| 1           | Ambabhona        | 17.0             | 11. GANJAM        |                  |                  | 17. KENDRAPARA |                  |                  | 16              | Bijatata         | 0.0              |
| 2           | Attabira         | 27.0             | 1                 | Chhatrapur       | 3.0              | 1              | Kendrapara       | 1.0              | 17              | Rairangapur      | 15.0             |
| 3           | Bargarh          | 50.0             | 2                 | Ganjam           | 11.0             | 2              | Derabis          | 0.0              | 18              | Kusumi           | 0.0              |
| 4           | Barpali          | 34.0             | 3                 | Purusottampur    | 34.0             | 3              | Marshaghai       | 0.0              | 19              | Jamda            | 2.0              |
| 5           | Bhatli           | 71.0             | 4                 | Kabisuryanagar   | 2.0              | 4              | Mohakalpara      | 0.0              | 20              | Bahalda          | 0.0              |
| 6           | Bheden           | 25.2             | 5                 | Polasara         | 63.2             | 5              | Garadapur        | 0.0              | 21              | Tiring           | 0.0              |
| 7           | Bijepur          | 54.0             | 6                 | Kodala           | 23.0             | 6              | Pattamundai      | 2.6              | 22              | Joshipur         | 0.0              |
| 8           | Gaisilet         | 54.0             | 7                 | Khalikot         | 53.0             | 7              | Aul              | 0.0              | 23              | Karanja          | 0.0              |
| 9           | Jharbandh        | 75.0             | 8                 | Hinjilicut       | 1.5              | 8              | Rajnagar         | 31.0             | 24              | Thakurmunda      | 0.0              |
| 10          | Padampur         | 64.0             | 9                 | Rangeilunda      | 1.0              | 9              | Rajkanika        | 0.0              | 25              | Sukuruli         | 0.0              |
| 11          | Paikmal          | 27.0             | 10                | Kukudakhandi     | 1.0              | Avg 3.84       |                  |                  | 26              | Raruana          | 0.0              |
| 12          | Sohela           | 32.0             | 11                | Chikiti          | 0.0              | 18. KEONJHAR   |                  |                  | Avg 1.0         |                  |                  |
| Avg 44.2    |                  |                  | 12                | Patrapur         | 0.0              | 1              | Keonjhar         | 6.2              | 23.NAWARANGHPUR |                  |                  |
| 4. BHADRAK  |                  |                  | 13                | Sanakhemundi     | 0.0              | 2              | Banspal          | 5.3              | 1               | Nawarangpur      | 0.0              |
| 1           | Bhadrak          | 0.0              | 14                | Digapahandi      | 1.5              | 3              | Telkoi           | 20.0             | 2               | Nandahandi       | 0.0              |
| 2           | Bhandaripokhari  | 0.0              | 15                | Bhanjanagar      | 3.0              | 4              | Patna            | 0.0              | 3               | Tentulikhunti    | 0.0              |
| 3           | Basudevpur       | 2.0              | 16                | Belaguntha       | 0.0              | 5              | Saharpada        | 0.0              | 4               | Papadahandi      | 0.0              |
| 4           | Bonth            | 0.0              | 17                | Jagannathprasad  | 0.0              | 6              | Ghatgaon         | 18.6             | 5               | Kosagumuda       | 0.0              |
| 5           | Chandbali        | 4.0              | 18                | Buguda           | 0.0              | 7              | Harichandanpur   | 3.0              | 6               | Dabugaon         | 0.0              |
| 6           | Dhamnagar        | 0.0              | 19                | Aska             | 4.8              | 8              | Anandapur        | 96.9             | 7               | Umerkote         | 0.0              |
| 7           | Tihidi           | 0.0              | 20                | Dharakote        | 0.0              | 9              | Ghasipura        | 98.2             | 8               | Raighar          | 0.0              |
| Avg         |                  | 0.9              | 21                | Sheragada        | 1.0              | 10             | Hatadihi         | 7.3              | 9               | Jharigaon        | 0.0              |
| 5. BALANGIR |                  |                  | 22                | Sorada           | 12.0             | 11             | Champua          | 0.0              | 10              | Chandahandi      | 0.0              |
| 1           | Balangir         | 42.0             | Avg 9.8           |                  |                  | 12             | Joda             | 0.0              | Avg 0.0         |                  |                  |
| 2           | Puintala         | 32.0             | 12. JAGATSINGHPUR |                  |                  | 13             | Jhumpura         | 8.2              | 24. NAYAGARH    |                  |                  |
| 3           | Gudvella         | 76.0             | 1                 | Jagatsinghpur    | 0.0              | Avg 20.3       |                  |                  | 1               | Bhapur           | 175.3            |
| 4           | Duduka           | 55.0             | 2                 | Biridi           | 0.0              | 19. KHORDHA    |                  |                  | 2               | Daspalla         | 52.2             |
| 5           | Deogaon          | 63.0             | 3                 | Raghunathpur     | 0.0              | 1              | Balianta         | 48.0             | 3               | Gania            | 19.0             |
| 6           | Loisingha        | 51.0             | 4                 | Balikuda         | 50.0             | 2              | Balipatna        | 0.0              | 4               | Khandapara       | 13.2             |
| 7           | Patnagarh        | 27.0             | 5                 | Naugaon          | 39.0             | 3              | Bhubaneswar      | 0.0              | 5               | Nayagarh         | 45.2             |
| 8           | Belpada          | 2.0              | 6                 | Tirtol           | 3.0              | 4              | Jatani           | 0.0              | 6               | Nuagaon          | 60.3             |
| 9           | Khaprakhol       | 64.0             | 7                 | Kujanga          | 0.0              | 5              | Banapur          | 0.0              | 7               | Odagaon          | 10.6             |
| 10          | Titilagarh       | 14.2             | 8                 | Erasama          | 118.0            | 6              | Begunia          | 3.0              | 8               | Ranpur           | 62.4             |
| 11          | Tureikela        | 2.0              | Avg 26.3          |                  |                  | 7              | Bolagarh         | 0.0              | Avg 54.8        |                  |                  |
| 12          | Bangomunda       | 25.0             | 13. JAIPUR        |                  |                  | 8              | Chilika          | 0.0              | 25. NUAPADA     |                  |                  |
| 13          | Muribahal        | 25.0             | 1                 | Jajpur           | 0.0              | 9              | Khordha          | 0.0              | 1               | Boden            | 5.0              |
| 14          | Saintala         | 75.0             | 2                 | Binjharpur       | 0.0              | 10             | Tangi            | 0.0              | 2               | Khariar          | 0.0              |
| Avg         |                  | 39.5             | 3                 | Dasarathpur      | 0.0              | Avg 5.1        |                  |                  | 3               | Komna            | 0.0              |
| 6. BOUDH    |                  |                  | 4                 | Korei            | 0.0              | 20. KORAPUT    |                  |                  | 4               | Nuapada          | 25.0             |
| 1           | Boudh            | 8.2              | 5                 | Danagadi         | 19.0             | 1              | Koraput          | 2.4              | 5               | Sinapali         | 0.0              |
| 2           | Kantamal         | 37.0             | 6                 | Sukinda          | 28.0             | 2              | Lamataput        | 0.0              | Avg 6.0         |                  |                  |
| 3           | Harabhanga       | 52.4             | 7                 | Rasulpur         | 0.0              | 3              | Pottangi         | 0.0              | 26. PURI        |                  |                  |
| Avg         |                  | 32.5             | 8                 | Dharmasala       | 5.0              | 4              | Bandhugaon       | 0.0              | 1               | Astarang         | 0.0              |
| 7. CUTTACK  |                  |                  | 9                 | Badachana        | 2.0              | 5              | Nandapur         | 0.0              | 2               | Brahmagiri       | 0.0              |
| 1           | Athagarh         | 5.0              | 10                | Bari             | 3.8              | 6              | Dasmantpur       | 1.0              | 3               | Delang           | 0.0              |
| 2           | Banki-Dampada    | 0.0              | Avg 5.8           |                  |                  | 7              | Narayanpatna     | 6.4              | 4               | Gop              | 15.0             |
| 3           | Barang           | 0.0              | 14. JHARSUGUDA    |                  |                  | 8              | Laxmipur         | 2.4              | 5               | Kakatpur         | 6.0              |
| 4           | Badamba          | 2.0              | 1                 | Jharsuguda       | 12.0             | 9              | Similiguda       | 2.0              | 6               | Kanas            | 90.0             |
| 5           | Cuttack Sadar    | 0.0              | 2                 | Kolabira         | 3.2              | 10             | Jeypore          | 3.8              | 7               | Krushnaprasad    | 0.0              |
| 6           | Kantapada        | 7.0              | 3                 | Laikera          | 28.8             | 11             | Kotpad           | 0.0              | 8               | Nimapara         | 27.0             |
| 7           | Mahanga          | 37.0             | 4                 | Kirmira          | 14.0             | 12             | Kundra           | 0.0              | 9               | Pipili           | 22.0             |
| 8           | Niali            | 4.0              | 5                 | Lakhanpur        | 27.0             | 13             | Borigumma        | 0.0              | 10              | Puri             | 4.0              |
| 9           | Nischintakolli   | 0.0              | Avg 17.0          |                  |                  | 14             | Boipariguda      | 0.0              | 11              | Satyabadi        | 54.0             |
| 10          | Narasinghpur     | 53.0             | 15. KALAHANDI     |                  |                  | Avg 1.3        |                  |                  | Avg 19.8        |                  |                  |
| 11          | Salepur          | 0.0              | 1                 | Bhabanipatna     | 40.0             |                |                  |                  |                 |                  |                  |
| 12          | Tangi-Choudwar   | 2.0              | 2                 | Kesinga          | 3.0              |                |                  |                  |                 |                  |                  |
| 13          | Tigiria          | 0.0              | 3                 | Karlamunda       | 2.0              |                |                  |                  |                 |                  |                  |
| Avg         |                  | 8.5              |                   |                  |                  |                |                  |                  |                 |                  |                  |