



Government of Odisha  
**Department of Water Resources**

**Morning Flood Bulletin**

Volume No.07

**Date: 07.06.2025**

Time: 10:00 Hr



**Contents**

- Rainfall Situation
- Status of Reservoirs
- River Discharge
- Status of River Gauge

**Flood Cell**

**Office of the Engineer-in-Chief, Water Resources, Odisha**  
Secha Sadan, Bhubaneswar

**Block wise significant Rainfall (mm) recorded during 24Hrs ending at 8:30 Hrs IST**

| Sl.No. | District      | Block         | RF (mm) |
|--------|---------------|---------------|---------|
| 1      | Gajapati      | Gosani        | 82.0    |
| 2      | Puri          | Pipili        | 69.1    |
| 3      | Bhadrak       | Chandbali     | 69.0    |
| 4      | Gajapati      | Rayagada      | 52.0    |
| 5      | Nayagarh      | Ranpur        | 48.2    |
| 6      | Jagatsinghpur | Biridi        | 48.0    |
| 7      | Kendrapada    | Rajkanika     | 45.0    |
| 8      | Jagatsinghpur | Jagatsinghpur | 42.0    |
| 9      | Kendrapada    | Aul           | 40.0    |

**DoWR Site Rainfall**

| Sl.No. | LOCATION         | RF(mm) |
|--------|------------------|--------|
| 1      | Baghua D/W       | 26.0   |
| 2      | Saipala Dam site | 22.0   |
| 3      | Derjang Dam Site | 21.0   |
| 4      | Gunupur          | 16.0   |
| 5      | Berhampur        | 12.0   |
| 6      | Chikiti          | 10.0   |

**River Discharge**

| Name of the River                         | G&D Site | Time (Hrs) | Discharge (Cusec) |
|-------------------------------------------|----------|------------|-------------------|
| <b>Mahanadi<br/>(Up Stream Hirakud)</b>   | Champa   | 08:00      | BG                |
|                                           | Tarapur  | 08:00      | BG                |
|                                           | Saradihi | 08:00      | BG                |
|                                           | Deogaon  | 08:00      | BG                |
| <b>Mahanadi<br/>(Down Stream Hirakud)</b> | Khairmal | 08:00      | 9,100             |
|                                           | Barmul   | 08:00      | 19,800            |
|                                           | Mundali  | 08:00      | BG                |
| <b>Tel</b>                                | Patharla | 08:00      | 15,110            |

## Status of Major Reservoirs

07.06.2025

| Name of the Reservoir                   | Dead Storage Level | FRL/ MWL                  | Reservoir Level | LS Available/ Live Storage Capacity (%)        | Last Year (2024) R.L/ Live Storage Avl (%) | Inflow           | Total Outflow    | Gates Open (Nos)/ Trend |
|-----------------------------------------|--------------------|---------------------------|-----------------|------------------------------------------------|--------------------------------------------|------------------|------------------|-------------------------|
| 1.Hirakud<br>09:00Hr                    | 590.0 ft           | 630.0 ft                  | 604.23 ft       | <u>1,076.0 Mcum</u><br>4822.83Mcum<br>(22.3 %) | <u>603.4 ft</u><br>20.7%                   | 3,620.0<br>Cusec | 9,455.0<br>Cusec | 0/98<br>Falling         |
| 2.Rengali<br>06:00Hr                    | 109.72 m           | <u>123.5 m</u><br>125.4 m | 110.48 m        | <u>10868.0 Ham</u><br>341371.0 Ham<br>(3.2%)   | <u>113.3 m</u><br>18.0%                    | 42.97<br>Cumec   | 11.28<br>Cumec   | 0/27<br>Falling         |
| 3.U. Indravati<br>08:00Hr               | 625.0 m            | <u>642 m</u><br>643 m     | 628.1 m         | <u>19830.0Ham</u><br>148550.0 Ham<br>(13.4%)   | <u>627.9 m</u><br>12.5%                    | 88.57<br>cumec   | 32.96<br>Cumec   | 0/12<br>Rising          |
| 4.UpperKolab<br>08:00Hr                 | 844.0 m            | 858.0 m                   | 847.36 m        | <u>147.77 Mcum</u><br>935.0 Mcum<br>(15.8%)    | <u>849.9 m</u><br>29.0%                    | 5.6<br>Cumec     | 19.98<br>Cumec   | 0/11<br>Falling         |
| 5.Balimela<br>08:00Hr                   | 1440.0 ft          | <u>1516 ft</u><br>1518 ft | 1459.1 ft       | <u>44077.0 Ham</u><br>267600.0 Ham<br>(16.5%)  | <u>1459.2 ft</u><br>16.6%                  | 1,668.0<br>Cusec | 3,751.0<br>Cusec | 0/12<br>Falling         |
| 6.Machhkund<br>(Jalaput)<br>08:00Hr     | 2685.0 ft          | 2750.0 ft                 | 2728.1<br>ft    | <u>42231.75 Ham</u><br>89254.7 Ham<br>(47.3%)  | <u>2697.4 ft</u><br>8.1%                   | 368.86<br>Cusec  | 1757.75<br>Cusec | 3/12<br>Falling         |
| 7.Salandi<br>06:00 Hr                   | 50.24 m            | <u>82.3 m</u><br>83.21m   | 75.3 m          | <u>34431.0 Ham</u><br>55650.0 Ham<br>(61.9%)   | <u>72.3 m</u><br>48.2%                     | 1.13<br>Cumec    | 1.13<br>Cumec    | 0/11<br>Constant        |
| 8.LowerIndra<br>08:00Hr<br>(06.06.2025) | 251.0 m            | <u>265 m</u><br>265 m     | 259.84 m        | <u>13816.8 Ham</u><br>33227.0 Ham<br>(41.6%)   | <u>261.1 m</u><br>59.9%                    | 2.77<br>Cumec    | 2.77<br>Cumec    | 0/09<br>Constant        |
| 9.LowerSuktel<br>08:00Hr                | 197.0 m            | <u>206 m</u><br>206 m     | 182.0 m         | <u>0.0 Ham</u><br>26343.0 Ham<br>(0.0%)        | -                                          | 0.0<br>Cumec     | 0.0<br>Cumec     | 0/12<br>Constant        |
| 10.Kanpur<br>08:00Hr                    | 425.0 m            | <u>440 m</u><br>440 m     | 420.3 m         | <u>0.0 Ham</u><br>26897.0 Ham<br>(0.0%)        | -                                          | 0.0<br>Cumec     | 0.0<br>Cumec     | 0/12<br>Constant        |

**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                               |
|-----------|---------------|---------------|--------------------------------------------------|
| Hirakud   | 3,620.0 Cusec | 9,455.0 Cusec | During last 24 Hrs ending 08:00Hrs of 07.06.2025 |
| Rengali   | 42.97 Cumec   | 142.29 Cumec  | During last 24 Hrs ending 06:00Hrs of 07.06.2025 |

## Travel Time of Flow in Mahanadi River

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

## Status of Gauge (in metre)

07.06.2025

| 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         | 09:00      | 100.01        | S     | -8.99    | 108.31                 | 19.09.08 |
|               | Tikarpara           | -                 | -             | 09:00      | 54.65         | S     | -        | 74.98                  | 30.08.82 |
|               | Naraj (IB)          | 26.41             | 25.41         | 09:00      | 21.32         | S     | -5.09    | 27.6                   | 31.08.82 |
| Kusabhadra    | Nimapara            | 10.76             | 9.85          | 09:00      | 2.7           | S     | -8.06    | 11.6                   | 31.08.82 |
| Devi          | Alipingala          | 11.76             | 10.85         | 09:00      | 1.29          | S     | -10.47   | 13.05                  | 20.09.08 |
| Brahmani      | Panposh             | 178.42            | 177.51        | 09:00      | 171.14        | S     | -7.28    | 181.44                 | 24.09.11 |
|               | Rengali             | 88.0              | -             | 08:00      | NR            | -     | -        | 92.25                  | 18.08.75 |
|               | Talcher             | 62.91             | -             | 09:00      | 53.7          | S     | -9.21    | 65.53                  | 19.08.75 |
|               | Jenapur             | 23.0              | 22.0          | 09:00      | 17.8          | R     | -5.20    | 24.78                  | 20.08.75 |
|               | Indupur             | 8.23              | -             | 09:00      | 2.03          | S     | -6.20    | -                      | -        |
| Baitarani     | Champua             | 376.41            | 375.33        | 09:00      | 370.74        | F     | -5.67    | 379.06                 | 23.09.11 |
|               | Swampatna           | 311.1             | -             | 09:00      | 304.48        | F     | -6.62    | 315.66                 | 14.08.75 |
|               | Anandapur           | 38.36             | 37.44         | 09:00      | 31.98         | S     | -6.38    | 41.35                  | 23.09.11 |
|               | Akhuapada           | 18.33             | 17.83         | 09:00      | 15.37         | F     | -2.96    | 21.95                  | 16.08.60 |
| Budhabalanga  | Chandanpur          | -                 | -             | 09:00      | 81.2          | S     | -        | 85.8                   | 09.11.95 |
|               | Baripada            | 30.92             | 29.70         | 09:00      | 21.34         | S     | -9.58    | 34.82                  | 13.10.13 |
|               | Balimundali         | -                 | -             | 09:00      | 36.18         | S     | -        | 42.2                   | 1995     |
|               | NH5-Govindapur      | 8.13              | 7.21          | 09:00      | 1.46          | R     | -6.67    | 9.67                   | 12.10.73 |
| Subarnarekha  | Jamshedpur          | 123.5             | 122.5         | 09:00      | 115.16        | S     | -8.34    | 129.82                 | 12.10.73 |
|               | Jamsolaghat         | 49.16             | 48.32         | 09:00      | 43.5          | S     | -5.66    | 56.76                  | 03.09.78 |
|               | Rajghat             | 10.36             | 9.45          | 09:00      | 3.95          | S     | -6.41    | 12.69                  | 19.06.08 |
| Jalaka        | Mathani Road Bridge | 6.5               | 6.0           | 09:00      | NR            | -     | -        | 7.31                   | 22.09.21 |
| Rushikulya    | Sorada              | 81.99             | 80.99         | 09:00      | 76.84         | S     | -5.15    | 83.21                  | 04.11.90 |
|               | Madhabarida         | 60.65             | -             | 09:00      | 55.96         | S     | -4.69    | 61.44                  | 18.10.99 |
|               | Purusottampur       | 16.84             | 15.84         | 09:00      | 11.2          | F     | -5.64    | 19.66                  | 04.11.90 |
| Vansadhara    | Gudari              | -                 | -             | 09:00      | 114.25        | S     | -        | 121.82                 | 17.09.80 |
|               | Gunupur             | 84.0              | 83.0          | 09:00      | 79.83         | S     | -4.17    | 88.75                  | 17.09.80 |
|               | Kashinagar          | 54.6              | 54.1          | 09:00      | 52.15         | S     | -2.45    | 58.93                  | 18.09.80 |

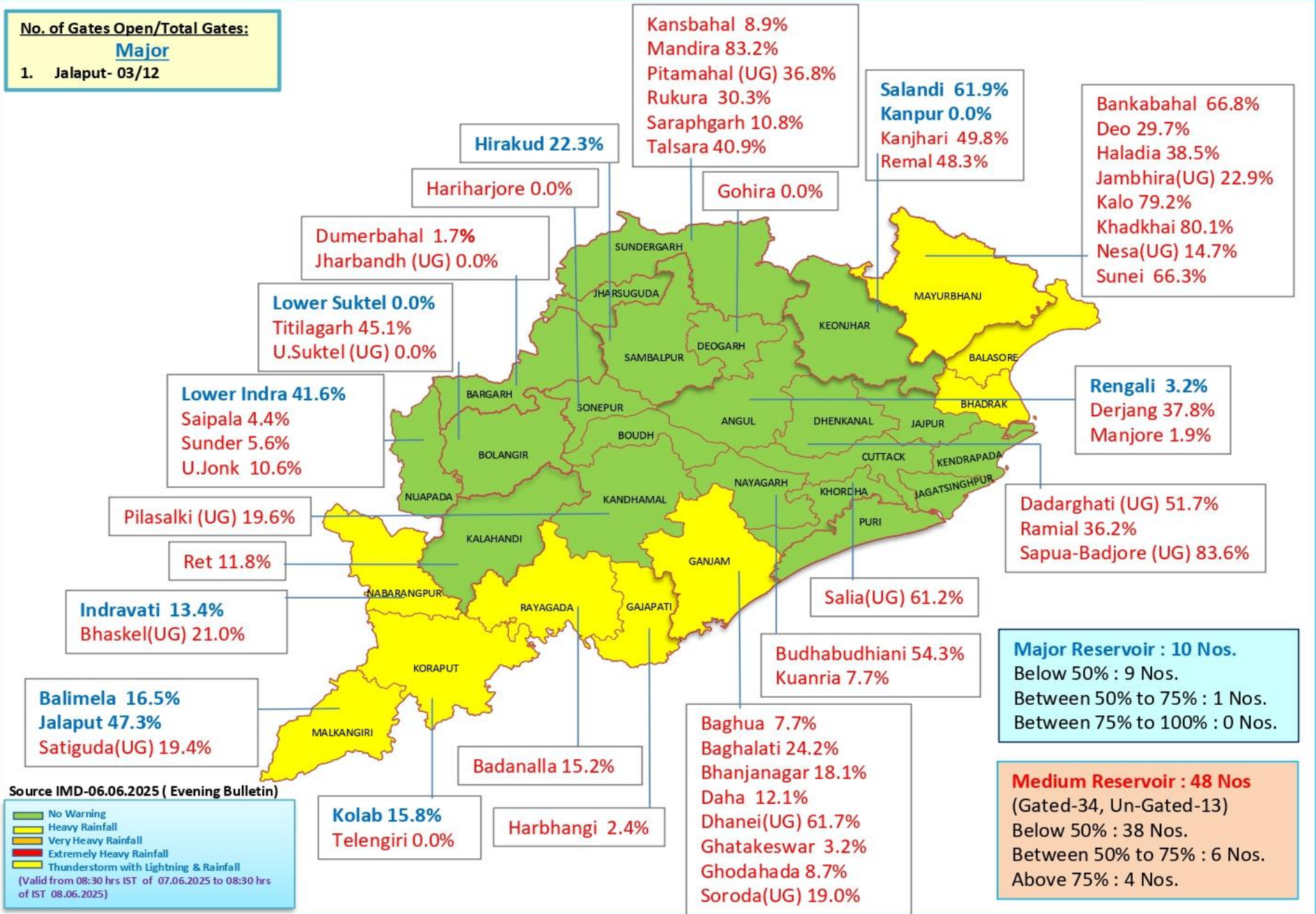
Source: All Gauge stations (CWC), Jalaka (DoWR)

# AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (07.06.2025)

No. of Gates Open/Total Gates:

Major

1. Jalaput- 03/12



भारत सरकार  
भारतमौसमविज्ञानविभाग  
(पृथ्वी विज्ञान मंत्रालय)  
पता :मौसमविज्ञानकेन्द्र, भुवनेश्वर  
फोन न.२५९६०१०&२५९६११६  
फैक्स न.२५९६०१०&२५९६०९३



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Dated: 07/06/2025

Time of Issue:0930 hrsIST

**QPF Bulletin**  
**River Sub-basin-wise Quantitative Precipitation Forecast**

| S. No. | Basin Name     | Sub-basin Name | QPF (mm)            |                     |                     |                     |                     |                     |                     |
|--------|----------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|        |                |                | Day-1<br>(07.06.25) | Day-2<br>(08.06.25) | Day-3<br>(09.06.25) | Day-4<br>(10.06.25) | Day-5<br>(11.06.25) | Day-6<br>(12.06.25) | Day-7<br>(13.06.25) |
| 1      | BAITRANI       | BT             | 0.1-10              | 0                   | 0                   | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 2      | LOWER BRAHMANI | LB             | 0.1-10              | 0.1-10              | 0                   | 0                   | 0.1-10              | 0                   | 0.1-10              |
| 3      | UPPER BRAHMANI | UB             | 0.1-10              | 0                   | 0                   | 0                   | 0.1-10              | 0                   | 0.1-10              |
| 4      | BHURABALANG    | BB             | 0.1-10              | 0                   | 0                   | 0.1-10              | 0.1-10              | 0                   | 0.1-10              |
| 5      | LOWER MAHANADI | LM             | 0.1-10              | 0                   | 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                   | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 7      | RUSHIKULIYA    | RK             | 0.1-10              | 0.1-10              | 0                   | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 8      | SUBERNAREKHA   | SR             | 0.1-10              | 0                   | 0                   | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |
| 9      | UPPER MAHANADI | UM             | 0                   | 0.1-10              | 0                   | 0                   | 0.1-10              | 0                   | 0.1-10              |
| 10     | VAMSDHARA      | VD             | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              | 0.1-10              |

Flood Met. Office, BHUBANESWAR

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

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