

## Burbinaju Mip Dam

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Location                             | 20.1828° N, 84.2942° E            |
| State                                | Odisha                            |
| Nearest City                         | Tikabali                          |
| Year of Completion                   | 1973                              |
| Operated and Maintained by           | Odisha Water Resources Department |
| River Basin                          | Mahanadi                          |
| River                                | Salki                             |
| Dam Type                             | Earthfill Embankment              |
| Height above lowest foundation level | 18.4 m                            |
| Dam length                           | 366.0 m                           |
| Reservoir Area                       | 249890.0 m <sup>2</sup>           |
| Gross storage capacity               | 100260.0 m <sup>3</sup>           |
| Effective storage capacity           | m <sup>3</sup>                    |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 11.0 km <sup>2</sup>        |
| Perimeter of catchment  | 16.7 km                     |
| Basin Length            | 5877.9 m                    |
| Form factor             | 0.31939                     |
| Circularity ratio       | 0.49703                     |
| Elongation ratio        | 0.63749                     |
| Highest Stream order    | 5                           |
| Max elevation           | 895.0 m                     |
| Min elevation           | 640.0 m                     |
| Mean bifurcation ratio  | 2.5794                      |
| Stream frequency        | 91.0740 per km <sup>2</sup> |
| Relief                  | 255.00 m                    |
| Drainage density        | 13.5820 km/km <sup>2</sup>  |
| Length of overland flow | 36.812 m                    |

## CATCHMENT CLIMATOLOGY

