

Bhatrajore Dam

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|--------------------------------------|-----------------------------------|
| Location | 19.8486° N, 83.0042° E |
| State | Odisha |
| Nearest City | Dharamgarh |
| Year of Completion | 1958 |
| Operated and Maintained by | Odisha Water Resources Department |
| River Basin | Mahanadi |
| River | Bhatrajore |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 12.8 m |
| Dam length | 655.3 m |
| Reservoir Area | 638000.0 m ² |
| Gross storage capacity | 4304000.0 m ³ |
| Effective storage capacity | 2940000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 89.5 km ² |
| Perimeter of catchment | 47.7 km |
| Basin Length | 14978.0 m |
| Form factor | 0.39891 |
| Circularity ratio | 0.49384 |
| Elongation ratio | 0.71244 |
| Highest Stream order | 6 |
| Max elevation | 775.0 m |
| Min elevation | 219.0 m |
| Mean bifurcation ratio | 2.2430 |
| Stream frequency | 80.6150 per km ² |
| Relief | 556.00 m |
| Drainage density | 11.5270 km/km ² |
| Length of overland flow | 43.376 m |

CATCHMENT CLIMATOLOGY

