

## Remal Dam

Location	21.2022° N, 85.9325° E
State	Odisha
Nearest City	Kendujhar
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Remal
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.0 m
Dam length	1454.0 m
Reservoir Area	1980000.0 m <sup>2</sup>
Gross storage capacity	19260000.0 m <sup>3</sup>
Effective storage capacity	15700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	101.6 km <sup>2</sup>
Perimeter of catchment	63.5 km
Basin Length	23624.0 m
Form factor	0.18205
Circularity ratio	0.31657
Elongation ratio	0.48129
Highest Stream order	6
Max elevation	656.0 m
Min elevation	93.0 m
Mean bifurcation ratio	2.2441
Stream frequency	77.2350 per km <sup>2</sup>
Relief	563.00 m
Drainage density	10.7070 km/km <sup>2</sup>
Length of overland flow	46.700 m

## CATCHMENT CLIMATOLOGY

