

## Baghirijhola Dam

Location	19.3203° N, 83.0464° E
State	Odisha
Nearest City	Kasipur
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Godavari
River	Gundara Garah
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.5 m
Dam length	480.0 m
Reservoir Area	141000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1140000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.8 km <sup>2</sup>
Perimeter of catchment	9.3 km
Basin Length	3071.4 m
Form factor	0.50902
Circularity ratio	0.69961
Elongation ratio	0.80478
Highest Stream order	4
Max elevation	1135.0 m
Min elevation	800.0 m
Mean bifurcation ratio	3.1732
Stream frequency	84.3420 per km <sup>2</sup>
Relief	335.00 m
Drainage density	12.2870 km/km <sup>2</sup>
Length of overland flow	40.694 m

## CATCHMENT CLIMATOLOGY

