

## Bhaluguda Dam

Location	19.6166° N, 83.6671° E
State	Odisha
Nearest City	Gunupur
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Bansdhara
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	570.0 m
Reservoir Area	192900.0 m <sup>2</sup>
Gross storage capacity	670000.0 m <sup>3</sup>
Effective storage capacity	430000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.3 km <sup>2</sup>
Perimeter of catchment	12.6 km
Basin Length	4417.1 m
Form factor	0.47414
Circularity ratio	0.72947
Elongation ratio	0.77671
Highest Stream order	5
Max elevation	774.0 m
Min elevation	233.0 m
Mean bifurcation ratio	2.6928
Stream frequency	90.3700 per km <sup>2</sup>
Relief	541.00 m
Drainage density	13.1730 km/km <sup>2</sup>
Length of overland flow	37.957 m

## CATCHMENT CLIMATOLOGY

