

Bhitiri Beditguda Dam

Location	19.3939° N, 84.5803° E
State	Odisha
Nearest City	Barhampur
Year of Completion	1991
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Baunsakata Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	255.0 m
Reservoir Area	86200.0 m ²
Gross storage capacity	909000.0 m ³
Effective storage capacity	900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.5 km ²
Perimeter of catchment	5.3 km
Basin Length	1430.4 m
Form factor	0.72333
Circularity ratio	0.65488
Elongation ratio	0.95935
Highest Stream order	4
Max elevation	80.0 m
Min elevation	52.0 m
Mean bifurcation ratio	2.3736
Stream frequency	76.3550 per km ²
Relief	28.00 m
Drainage density	10.0110 km/km ²
Length of overland flow	49.947 m

CATCHMENT CLIMATOLOGY

