

Bautia Nalla Dam

Location	21.4125° N, 85.7908° E
State	Odisha
Nearest City	Kendujhar
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Bautianalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	731.5 m
Reservoir Area	231000.0 m ²
Gross storage capacity	560000.0 m ³
Effective storage capacity	454000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.3 km ²
Perimeter of catchment	27.8 km
Basin Length	8816.2 m
Form factor	0.45358
Circularity ratio	0.57529
Elongation ratio	0.75969
Highest Stream order	6
Max elevation	623.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.6018
Stream frequency	80.7840 per km ²
Relief	266.00 m
Drainage density	11.2300 km/km ²
Length of overland flow	44.525 m

CATCHMENT CLIMATOLOGY

