

Balimela Dam

Location	18.2444° N, 82.1845° E
State	Odisha
Nearest City	Malkangiri
Year of Completion	1977
Operated and Maintained by	Odisha Water Resources Department
River Basin	Godavari
River	Sileru
Dam Type	Earthfill Embankment
Height above lowest foundation level	70.0 m
Dam length	1821.0 m
Reservoir Area	194400000.0 m ²
Gross storage capacity	3610000000.0 m ³
Effective storage capacity	2675900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.7 km ²
Perimeter of catchment	15.1 km
Basin Length	3913.7 m
Form factor	0.63001
Circularity ratio	0.53011
Elongation ratio	0.89533
Highest Stream order	5
Max elevation	663.0 m
Min elevation	435.0 m
Mean bifurcation ratio	2.3920
Stream frequency	87.1500 per km ²
Relief	228.00 m
Drainage density	12.6710 km/km ²
Length of overland flow	39.460 m

CATCHMENT CLIMATOLOGY

