

Domkutch Dam

Location	20.5467° N, 85.0764° E
State	Odisha
Nearest City	Athagarh
Year of Completion	1988
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Beherasahi Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.5 m
Dam length	354.0 m
Reservoir Area	160000.0 m ²
Gross storage capacity	1400000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.5 km ²
Perimeter of catchment	14.3 km
Basin Length	4337.0 m
Form factor	0.56073
Circularity ratio	0.64847
Elongation ratio	0.84467
Highest Stream order	5
Max elevation	688.0 m
Min elevation	149.0 m
Mean bifurcation ratio	3.9763
Stream frequency	91.3030 per km ²
Relief	539.00 m
Drainage density	13.8830 km/km ²
Length of overland flow	36.016 m

CATCHMENT CLIMATOLOGY

