

Jodabadia Dam

Location	20.8250° N, 85.4597° E
State	Odisha
Nearest City	Kamakhyanagar
Year of Completion	1976
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Jodabadia Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	1615.0 m
Reservoir Area	150000.0 m ²
Gross storage capacity	1510000.0 m ³
Effective storage capacity	810000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.3 km ²
Perimeter of catchment	18.1 km
Basin Length	6420.9 m
Form factor	0.25001
Circularity ratio	0.39553
Elongation ratio	0.56401
Highest Stream order	5
Max elevation	422.0 m
Min elevation	67.0 m
Mean bifurcation ratio	2.2669
Stream frequency	82.4630 per km ²
Relief	355.00 m
Drainage density	11.4170 km/km ²
Length of overland flow	43.796 m

CATCHMENT CLIMATOLOGY

