

Liard Dam

Location	20.1322° N, 82.8022° E
State	Odisha
Nearest City	Nuaparha
Year of Completion	1999
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Bandajore Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.7 m
Dam length	533.4 m
Reservoir Area	270000.0 m ²
Gross storage capacity	1387000.0 m ³
Effective storage capacity	970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.8 km ²
Perimeter of catchment	18.2 km
Basin Length	5692.6 m
Form factor	0.39583
Circularity ratio	0.48432
Elongation ratio	0.70968
Highest Stream order	5
Max elevation	653.0 m
Min elevation	234.0 m
Mean bifurcation ratio	3.0912
Stream frequency	84.4300 per km ²
Relief	419.00 m
Drainage density	11.8410 km/km ²
Length of overland flow	42.225 m

CATCHMENT CLIMATOLOGY

