

Laxmipur Dam

Location	21.3550° N, 85.7619° E
State	Odisha
Nearest City	Kendujhar
Year of Completion	1982
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Laxmipur Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	349.0 m
Reservoir Area	110000.0 m ²
Gross storage capacity	550000.0 m ³
Effective storage capacity	320000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.2 km ²
Perimeter of catchment	16.6 km
Basin Length	7708.8 m
Form factor	0.17164
Circularity ratio	0.46644
Elongation ratio	0.46733
Highest Stream order	5
Max elevation	590.0 m
Min elevation	346.0 m
Mean bifurcation ratio	2.5442
Stream frequency	81.4710 per km ²
Relief	244.00 m
Drainage density	11.1320 km/km ²
Length of overland flow	44.915 m

CATCHMENT CLIMATOLOGY

