

## Lakhaparbat Dam

Location	20.6494° N, 83.8208° E
State	Odisha
Nearest City	Bauda
Year of Completion	1991
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Mehurani
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	1495.0 m
Reservoir Area	380000.0 m <sup>2</sup>
Gross storage capacity	950000.0 m <sup>3</sup>
Effective storage capacity	710000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.8 km <sup>2</sup>
Perimeter of catchment	11.8 km
Basin Length	3128.9 m
Form factor	0.79225
Circularity ratio	0.70129
Elongation ratio	1.00400
Highest Stream order	5
Max elevation	498.0 m
Min elevation	163.0 m
Mean bifurcation ratio	2.5338
Stream frequency	96.4390 per km <sup>2</sup>
Relief	335.00 m
Drainage density	14.3260 km/km <sup>2</sup>
Length of overland flow	34.902 m

## CATCHMENT CLIMATOLOGY

