

Haladia Dam

Location	22.0476° N, 86.7133° E
State	Odisha
Nearest City	Baripada
Year of Completion	1985
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Chipat Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.1 m
Dam length	4200.0 m
Reservoir Area	640000.0 m ²
Gross storage capacity	58100000.0 m ³
Effective storage capacity	46880000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.5 km ²
Perimeter of catchment	32.1 km
Basin Length	11431.0 m
Form factor	0.27923
Circularity ratio	0.44633
Elongation ratio	0.59606
Highest Stream order	5
Max elevation	123.0 m
Min elevation	55.0 m
Mean bifurcation ratio	2.2443
Stream frequency	76.7960 per km ²
Relief	68.00 m
Drainage density	10.4850 km/km ²
Length of overland flow	47.688 m

CATCHMENT CLIMATOLOGY

