

Ashok Nalla Dam

Location	19.8894° N, 85.2089° E
State	Odisha
Nearest City	Banpur
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Ashoknalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.1 m
Dam length	580.0 m
Reservoir Area	126340.0 m ²
Gross storage capacity	570000.0 m ³
Effective storage capacity	444000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km ²
Perimeter of catchment	12.6 km
Basin Length	4642.8 m
Form factor	0.26827
Circularity ratio	0.45984
Elongation ratio	0.58425
Highest Stream order	4
Max elevation	512.0 m
Min elevation	49.0 m
Mean bifurcation ratio	2.7151
Stream frequency	89.7490 per km ²
Relief	463.00 m
Drainage density	13.1030 km/km ²
Length of overland flow	38.159 m

CATCHMENT CLIMATOLOGY

