

Sapua (Medium) Dam

Location	20.5947° N, 85.2936° E
State	Odisha
Nearest City	Hindol
Year of Completion	2006
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Sapua Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.3 m
Dam length	1290.0 m
Reservoir Area	1137500.0 m ²
Gross storage capacity	8500000.0 m ³
Effective storage capacity	6460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	7.8 km
Basin Length	3292.3 m
Form factor	0.25516
Circularity ratio	0.57521
Elongation ratio	0.56979
Highest Stream order	4
Max elevation	353.0 m
Min elevation	158.0 m
Mean bifurcation ratio	2.3655
Stream frequency	91.8400 per km ²
Relief	195.00 m
Drainage density	13.1600 km/km ²
Length of overland flow	37.994 m

CATCHMENT CLIMATOLOGY

