

Sindhei M.I.P Dam

Location	21.2169° N, 86.0100° E
State	Odisha
Nearest City	Ghasipura
Year of Completion	1976
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Sindhei River
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	1645.9 m
Reservoir Area	1475.0 m ²
Gross storage capacity	5338000.0 m ³
Effective storage capacity	5031000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.3 km ²
Perimeter of catchment	28.8 km
Basin Length	9272.2 m
Form factor	0.44568
Circularity ratio	0.58146
Elongation ratio	0.75305
Highest Stream order	6
Max elevation	263.0 m
Min elevation	79.0 m
Mean bifurcation ratio	2.1883
Stream frequency	79.9650 per km ²
Relief	184.00 m
Drainage density	11.1580 km/km ²
Length of overland flow	44.812 m

CATCHMENT CLIMATOLOGY

